

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 5MHz 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	2502.5	Edge 1RB Left	22.70	/	/	23.19	/	/	<=33	Pass
		Edge 1RB Right	22.23	/	/	22.72	/	/	<=33	Pass
		Outer Full	22.28	/	/	22.77	/	/	<=33	Pass
		Inner Full	23.21	/	/	23.70	/	/	<=33	Pass
		Inner 1RB Left	22.73	/	/	23.22	/	/	<=33	Pass
		Inner 1RB Right	22.69	/	/	23.18	/	/	<=33	Pass
	2535	Edge 1RB Left	22.23	/	/	22.72	/	/	<=33	Pass
		Edge 1RB Right	21.83	/	/	22.32	/	/	<=33	Pass
		Outer Full	22.34	/	/	22.83	/	/	<=33	Pass
		Inner Full	22.89	/	/	23.38	/	/	<=33	Pass
		Inner 1RB Left	22.41	/	/	22.90	/	/	<=33	Pass
		Inner 1RB Right	22.36	/	/	22.85	/	/	<=33	Pass
	2567.5	Edge 1RB Left	22.75	/	/	23.24	/	/	<=33	Pass
		Edge 1RB Right	22.16	/	/	22.65	/	/	<=33	Pass
		Outer Full	22.72	/	/	23.21	/	/	<=33	Pass
		Inner Full	23.21	/	/	23.70	/	/	<=33	Pass
		Inner 1RB Left	22.76	/	/	23.25	/	/	<=33	Pass
		Inner 1RB Right	22.66	/	/	23.15	/	/	<=33	Pass
DFT-s-OFDM QPSK	2502.5	Edge 1RB Left	22.11	/	/	22.60	/	/	<=33	Pass
		Edge 1RB Right	21.66	/	/	22.15	/	/	<=33	Pass
		Outer Full	22.20	/	/	22.69	/	/	<=33	Pass
		Inner Full	23.22	/	/	23.71	/	/	<=33	Pass
		Inner 1RB Left	22.64	/	/	23.13	/	/	<=33	Pass
		Inner 1RB Right	22.57	/	/	23.06	/	/	<=33	Pass
	2535	Edge 1RB Left	21.78	/	/	22.27	/	/	<=33	Pass
		Edge 1RB Right	21.70	/	/	22.19	/	/	<=33	Pass
		Outer Full	21.78	/	/	22.27	/	/	<=33	Pass
		Inner Full	22.91	/	/	23.40	/	/	<=33	Pass
		Inner 1RB Left	22.71	/	/	23.20	/	/	<=33	Pass
		Inner 1RB Right	22.28	/	/	22.77	/	/	<=33	Pass
	2567.5	Edge 1RB Left	21.69	/	/	22.18	/	/	<=33	Pass
		Edge 1RB Right	21.61	/	/	22.10	/	/	<=33	Pass
		Outer Full	22.23	/	/	22.72	/	/	<=33	Pass
		Inner Full	23.29	/	/	23.78	/	/	<=33	Pass
		Inner 1RB Left	22.65	/	/	23.14	/	/	<=33	Pass
		Inner 1RB Right	22.56	/	/	23.05	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge 1RB Left	20.69	/	/	21.18	/	/	<=33	Pass
		Edge 1RB Right	20.76	/	/	21.25	/	/	<=33	Pass
		Outer Full	21.21	/	/	21.70	/	/	<=33	Pass
		Inner Full	22.19	/	/	22.68	/	/	<=33	Pass
		Inner 1RB Left	21.74	/	/	22.23	/	/	<=33	Pass
		Inner 1RB Right	21.74	/	/	22.23	/	/	<=33	Pass
	2535	Edge 1RB Left	20.59	/	/	21.08	/	/	<=33	Pass
		Edge 1RB Right	20.47	/	/	20.96	/	/	<=33	Pass
		Outer Full	20.99	/	/	21.48	/	/	<=33	Pass
		Inner Full	21.82	/	/	22.31	/	/	<=33	Pass
		Inner 1RB Left	21.39	/	/	21.88	/	/	<=33	Pass
		Inner 1RB Right	21.41	/	/	21.90	/	/	<=33	Pass
	2567.5	Edge 1RB Left	20.65	/	/	21.14	/	/	<=33	Pass

		Edge 1RB Right	20.66	/	/	21.15	/	/	<=33	Pass
		Outer Full	21.18	/	/	21.67	/	/	<=33	Pass
		Inner Full	22.20	/	/	22.69	/	/	<=33	Pass
		Inner 1RB Left	21.86	/	/	22.35	/	/	<=33	Pass
		Inner 1RB Right	21.86	/	/	22.35	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2502.5	Edge 1RB Left	20.29	/	/	20.78	/	/	<=33	Pass
		Edge 1RB Right	20.36	/	/	20.85	/	/	<=33	Pass
		Outer Full	20.73	/	/	21.22	/	/	<=33	Pass
		Inner Full	20.74	/	/	21.23	/	/	<=33	Pass
		Inner 1RB Left	20.24	/	/	20.73	/	/	<=33	Pass
		Inner 1RB Right	20.33	/	/	20.82	/	/	<=33	Pass
	2535	Edge 1RB Left	20.73	/	/	21.22	/	/	<=33	Pass
		Edge 1RB Right	20.55	/	/	21.04	/	/	<=33	Pass
		Outer Full	20.55	/	/	21.04	/	/	<=33	Pass
		Inner Full	20.57	/	/	21.06	/	/	<=33	Pass
		Inner 1RB Left	20.73	/	/	21.22	/	/	<=33	Pass
		Inner 1RB Right	20.55	/	/	21.04	/	/	<=33	Pass
	2567.5	Edge 1RB Left	20.29	/	/	20.78	/	/	<=33	Pass
		Edge 1RB Right	20.18	/	/	20.67	/	/	<=33	Pass
		Outer Full	20.75	/	/	21.24	/	/	<=33	Pass
		Inner Full	20.75	/	/	21.24	/	/	<=33	Pass
		Inner 1RB Left	20.29	/	/	20.78	/	/	<=33	Pass
		Inner 1RB Right	20.28	/	/	20.77	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2502.5	Edge 1RB Left	18.50	/	/	18.99	/	/	<=33	Pass
		Edge 1RB Right	18.57	/	/	19.06	/	/	<=33	Pass
		Outer Full	18.64	/	/	19.13	/	/	<=33	Pass
		Inner Full	18.70	/	/	19.19	/	/	<=33	Pass
		Inner 1RB Left	18.47	/	/	18.96	/	/	<=33	Pass
		Inner 1RB Right	18.59	/	/	19.08	/	/	<=33	Pass
	2535	Edge 1RB Left	18.42	/	/	18.91	/	/	<=33	Pass
		Edge 1RB Right	18.32	/	/	18.81	/	/	<=33	Pass
		Outer Full	18.37	/	/	18.86	/	/	<=33	Pass
		Inner Full	18.51	/	/	19.00	/	/	<=33	Pass
		Inner 1RB Left	18.42	/	/	18.91	/	/	<=33	Pass
		Inner 1RB Right	18.27	/	/	18.76	/	/	<=33	Pass
	2567.5	Edge 1RB Left	18.48	/	/	18.97	/	/	<=33	Pass
		Edge 1RB Right	18.50	/	/	18.99	/	/	<=33	Pass
		Outer Full	18.58	/	/	19.07	/	/	<=33	Pass
		Inner Full	18.66	/	/	19.15	/	/	<=33	Pass
		Inner 1RB Left	18.43	/	/	18.92	/	/	<=33	Pass
		Inner 1RB Right	18.47	/	/	18.96	/	/	<=33	Pass
CP-OFDM QPSK	2502.5	Edge 1RB Left	19.94	/	/	20.43	/	/	<=33	Pass
		Edge 1RB Right	20.08	/	/	20.57	/	/	<=33	Pass
		Outer Full	20.18	/	/	20.67	/	/	<=33	Pass
		Inner Full	21.70	/	/	22.19	/	/	<=33	Pass
		Inner 1RB Left	21.50	/	/	21.99	/	/	<=33	Pass
		Inner 1RB Right	21.46	/	/	21.95	/	/	<=33	Pass
	2535	Edge 1RB Left	19.85	/	/	20.34	/	/	<=33	Pass
		Edge 1RB Right	19.69	/	/	20.18	/	/	<=33	Pass
		Outer Full	19.91	/	/	20.40	/	/	<=33	Pass
		Inner Full	21.33	/	/	21.82	/	/	<=33	Pass
		Inner 1RB Left	21.09	/	/	21.58	/	/	<=33	Pass
		Inner 1RB Right	21.20	/	/	21.69	/	/	<=33	Pass
	2567.5	Edge 1RB Left	19.93	/	/	20.42	/	/	<=33	Pass
		Edge 1RB Right	19.96	/	/	20.45	/	/	<=33	Pass
		Outer Full	20.11	/	/	20.60	/	/	<=33	Pass
		Inner Full	21.64	/	/	22.13	/	/	<=33	Pass
		Inner 1RB Left	20.90	/	/	21.39	/	/	<=33	Pass
		Inner 1RB Right	20.96	/	/	21.45	/	/	<=33	Pass

CP-OFDM 16 QAM	2502.5	Edge 1RB Left	20.22	/	/	20.71	/	/	<=33	Pass
		Edge 1RB Right	20.28	/	/	20.77	/	/	<=33	Pass
		Outer_Full	20.21	/	/	20.70	/	/	<=33	Pass
		Inner_Full	21.18	/	/	21.67	/	/	<=33	Pass
		Inner 1RB Left	20.71	/	/	21.20	/	/	<=33	Pass
		Inner 1RB Right	21.25	/	/	21.74	/	/	<=33	Pass
	2535	Edge 1RB Left	20.05	/	/	20.54	/	/	<=33	Pass
		Edge 1RB Right	19.96	/	/	20.45	/	/	<=33	Pass
		Outer_Full	19.97	/	/	20.46	/	/	<=33	Pass
		Inner_Full	20.93	/	/	21.42	/	/	<=33	Pass
		Inner 1RB Left	21.07	/	/	21.56	/	/	<=33	Pass
		Inner 1RB Right	20.92	/	/	21.41	/	/	<=33	Pass
	2567.5	Edge 1RB Left	19.65	/	/	20.14	/	/	<=33	Pass
		Edge 1RB Right	20.13	/	/	20.62	/	/	<=33	Pass
		Outer_Full	20.17	/	/	20.66	/	/	<=33	Pass
		Inner_Full	21.13	/	/	21.62	/	/	<=33	Pass
		Inner 1RB Left	20.61	/	/	21.10	/	/	<=33	Pass
		Inner 1RB Right	20.61	/	/	21.10	/	/	<=33	Pass
CP-OFDM 64 QAM	2502.5	Edge 1RB Left	19.67	/	/	20.16	/	/	<=33	Pass
		Edge 1RB Right	19.78	/	/	20.27	/	/	<=33	Pass
		Outer_Full	19.78	/	/	20.27	/	/	<=33	Pass
		Inner_Full	19.70	/	/	20.19	/	/	<=33	Pass
		Inner 1RB Left	19.66	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Right	19.73	/	/	20.22	/	/	<=33	Pass
	2535	Edge 1RB Left	19.50	/	/	19.99	/	/	<=33	Pass
		Edge 1RB Right	19.41	/	/	19.90	/	/	<=33	Pass
		Outer_Full	19.53	/	/	20.02	/	/	<=33	Pass
		Inner_Full	19.46	/	/	19.95	/	/	<=33	Pass
		Inner 1RB Left	19.54	/	/	20.03	/	/	<=33	Pass
		Inner 1RB Right	19.36	/	/	19.85	/	/	<=33	Pass
	2567.5	Edge 1RB Left	19.14	/	/	19.63	/	/	<=33	Pass
		Edge 1RB Right	19.11	/	/	19.60	/	/	<=33	Pass
		Outer_Full	19.67	/	/	20.16	/	/	<=33	Pass
		Inner_Full	19.63	/	/	20.12	/	/	<=33	Pass
		Inner 1RB Left	19.14	/	/	19.63	/	/	<=33	Pass
		Inner 1RB Right	19.61	/	/	20.10	/	/	<=33	Pass
CP-OFDM 256 QAM	2502.5	Edge 1RB Left	16.68	/	/	17.17	/	/	<=33	Pass
		Edge 1RB Right	16.81	/	/	17.30	/	/	<=33	Pass
		Outer_Full	16.66	/	/	17.15	/	/	<=33	Pass
		Inner_Full	16.65	/	/	17.14	/	/	<=33	Pass
		Inner 1RB Left	16.68	/	/	17.17	/	/	<=33	Pass
		Inner 1RB Right	16.80	/	/	17.29	/	/	<=33	Pass
	2535	Edge 1RB Left	16.59	/	/	17.08	/	/	<=33	Pass
		Edge 1RB Right	16.49	/	/	16.98	/	/	<=33	Pass
		Outer_Full	16.40	/	/	16.89	/	/	<=33	Pass
		Inner_Full	16.41	/	/	16.90	/	/	<=33	Pass
		Inner 1RB Left	16.63	/	/	17.12	/	/	<=33	Pass
		Inner 1RB Right	16.46	/	/	16.95	/	/	<=33	Pass
	2567.5	Edge 1RB Left	16.65	/	/	17.14	/	/	<=33	Pass
		Edge 1RB Right	16.67	/	/	17.16	/	/	<=33	Pass
		Outer_Full	16.57	/	/	17.06	/	/	<=33	Pass
		Inner_Full	16.60	/	/	17.09	/	/	<=33	Pass
		Inner 1RB Left	16.59	/	/	17.08	/	/	<=33	Pass
		Inner 1RB Right	16.64	/	/	17.13	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15k_SISO_10MHz_NTNV_EIRP

5G NR n7 SCS=15kHz 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	2505	Edge 1RB Left	22.58	/	/	23.07	/	/	<=33	Pass
		Edge 1RB Right	22.51	/	/	23.00	/	/	<=33	Pass
		Outer Full	22.57	/	/	23.06	/	/	<=33	Pass
		Inner Full	23.02	/	/	23.51	/	/	<=33	Pass
		Inner 1RB Left	22.60	/	/	23.09	/	/	<=33	Pass
		Inner 1RB Right	22.61	/	/	23.10	/	/	<=33	Pass
	2535	Edge 1RB Left	22.34	/	/	22.83	/	/	<=33	Pass
		Edge 1RB Right	22.24	/	/	22.73	/	/	<=33	Pass
		Outer Full	22.31	/	/	22.80	/	/	<=33	Pass
		Inner Full	22.82	/	/	23.31	/	/	<=33	Pass
		Inner 1RB Left	22.82	/	/	23.31	/	/	<=33	Pass
		Inner 1RB Right	22.31	/	/	22.80	/	/	<=33	Pass
	2565	Edge 1RB Left	22.62	/	/	23.11	/	/	<=33	Pass
		Edge 1RB Right	22.62	/	/	23.11	/	/	<=33	Pass
		Outer Full	22.67	/	/	23.16	/	/	<=33	Pass
		Inner Full	23.22	/	/	23.71	/	/	<=33	Pass
		Inner 1RB Left	22.68	/	/	23.17	/	/	<=33	Pass
		Inner 1RB Right	22.66	/	/	23.15	/	/	<=33	Pass
DFT-s-OFDM QPSK	2505	Edge 1RB Left	22.09	/	/	22.58	/	/	<=33	Pass
		Edge 1RB Right	22.04	/	/	22.53	/	/	<=33	Pass
		Outer Full	22.10	/	/	22.59	/	/	<=33	Pass
		Inner Full	23.05	/	/	23.54	/	/	<=33	Pass
		Inner 1RB Left	22.54	/	/	23.03	/	/	<=33	Pass
		Inner 1RB Right	22.51	/	/	23.00	/	/	<=33	Pass
	2535	Edge 1RB Left	21.79	/	/	22.28	/	/	<=33	Pass
		Edge 1RB Right	21.77	/	/	22.26	/	/	<=33	Pass
		Outer Full	21.79	/	/	22.28	/	/	<=33	Pass
		Inner Full	22.81	/	/	23.30	/	/	<=33	Pass
		Inner 1RB Left	22.76	/	/	23.25	/	/	<=33	Pass
		Inner 1RB Right	22.23	/	/	22.72	/	/	<=33	Pass
	2565	Edge 1RB Left	22.17	/	/	22.66	/	/	<=33	Pass
		Edge 1RB Right	22.17	/	/	22.66	/	/	<=33	Pass
		Outer Full	22.15	/	/	22.64	/	/	<=33	Pass
		Inner Full	23.26	/	/	23.75	/	/	<=33	Pass
		Inner 1RB Left	23.09	/	/	23.58	/	/	<=33	Pass
		Inner 1RB Right	22.55	/	/	23.04	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Edge 1RB Left	20.62	/	/	21.11	/	/	<=33	Pass
		Edge 1RB Right	20.78	/	/	21.27	/	/	<=33	Pass
		Outer Full	21.16	/	/	21.65	/	/	<=33	Pass
		Inner Full	22.04	/	/	22.53	/	/	<=33	Pass
		Inner 1RB Left	21.69	/	/	22.18	/	/	<=33	Pass
		Inner 1RB Right	21.70	/	/	22.19	/	/	<=33	Pass
	2535	Edge 1RB Left	20.65	/	/	21.14	/	/	<=33	Pass
		Edge 1RB Right	20.44	/	/	20.93	/	/	<=33	Pass
		Outer Full	21.00	/	/	21.49	/	/	<=33	Pass
		Inner Full	21.83	/	/	22.32	/	/	<=33	Pass
		Inner 1RB Left	21.48	/	/	21.97	/	/	<=33	Pass
		Inner 1RB Right	21.41	/	/	21.90	/	/	<=33	Pass
	2565	Edge 1RB Left	20.65	/	/	21.14	/	/	<=33	Pass
		Edge 1RB Right	20.72	/	/	21.21	/	/	<=33	Pass
		Outer Full	21.08	/	/	21.57	/	/	<=33	Pass
		Inner Full	22.24	/	/	22.73	/	/	<=33	Pass
		Inner 1RB Left	21.90	/	/	22.39	/	/	<=33	Pass
		Inner 1RB Right	21.80	/	/	22.29	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Edge 1RB Left	20.23	/	/	20.72	/	/	<=33	Pass
		Edge 1RB Right	20.27	/	/	20.76	/	/	<=33	Pass

		Outer_Full	20.66	/	/	21.15	/	/	<=33	Pass
		Inner_Full	20.70	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Right	20.23	/	/	20.72	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.27	/	/	20.76	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	20.52	/	/	<=33	Pass
		Outer_Full	20.48	/	/	20.97	/	/	<=33	Pass
		Inner_Full	20.56	/	/	21.05	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Right	20.04	/	/	20.53	/	/	<=33	Pass
	2565	Edge_1RB_Left	20.14	/	/	20.63	/	/	<=33	Pass
		Edge_1RB_Right	20.29	/	/	20.78	/	/	<=33	Pass
		Outer_Full	20.58	/	/	21.07	/	/	<=33	Pass
		Inner_Full	20.66	/	/	21.15	/	/	<=33	Pass
		Inner_1RB_Left	20.14	/	/	20.63	/	/	<=33	Pass
		Inner_1RB_Right	20.29	/	/	20.78	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Edge_1RB_Left	18.42	/	/	18.91	/	/	<=33	Pass
		Edge_1RB_Right	18.62	/	/	19.11	/	/	<=33	Pass
		Outer_Full	18.53	/	/	19.02	/	/	<=33	Pass
		Inner_Full	18.56	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Left	18.46	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Right	18.58	/	/	19.07	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.46	/	/	18.95	/	/	<=33	Pass
		Edge_1RB_Right	18.25	/	/	18.74	/	/	<=33	Pass
		Outer_Full	18.37	/	/	18.86	/	/	<=33	Pass
		Inner_Full	18.43	/	/	18.92	/	/	<=33	Pass
		Inner_1RB_Left	18.44	/	/	18.93	/	/	<=33	Pass
		Inner_1RB_Right	18.27	/	/	18.76	/	/	<=33	Pass
	2565	Edge_1RB_Left	18.44	/	/	18.93	/	/	<=33	Pass
		Edge_1RB_Right	18.53	/	/	19.02	/	/	<=33	Pass
		Outer_Full	18.49	/	/	18.98	/	/	<=33	Pass
		Inner_Full	18.52	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Left	18.48	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Right	18.54	/	/	19.03	/	/	<=33	Pass
CP-OFDM QPSK	2505	Edge_1RB_Left	19.95	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	20.12	/	/	20.61	/	/	<=33	Pass
		Outer_Full	20.11	/	/	20.60	/	/	<=33	Pass
		Inner_Full	21.47	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	21.45	/	/	21.94	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	21.89	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.88	/	/	20.37	/	/	<=33	Pass
		Edge_1RB_Right	19.68	/	/	20.17	/	/	<=33	Pass
		Outer_Full	19.91	/	/	20.40	/	/	<=33	Pass
		Inner_Full	21.23	/	/	21.72	/	/	<=33	Pass
		Inner_1RB_Left	21.16	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	21.12	/	/	21.61	/	/	<=33	Pass
	2565	Edge_1RB_Left	19.92	/	/	20.41	/	/	<=33	Pass
		Edge_1RB_Right	19.94	/	/	20.43	/	/	<=33	Pass
		Outer_Full	20.06	/	/	20.55	/	/	<=33	Pass
		Inner_Full	21.64	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Left	21.56	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Right	21.55	/	/	22.04	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Edge_1RB_Left	19.58	/	/	20.07	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	20.23	/	/	<=33	Pass
		Outer_Full	20.19	/	/	20.68	/	/	<=33	Pass
		Inner_Full	21.11	/	/	21.60	/	/	<=33	Pass
		Inner_1RB_Left	20.64	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Right	20.76	/	/	21.25	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.66	/	/	20.15	/	/	<=33	Pass

		Edge 1RB Right	19.99	/	/	20.48	/	/	<=33	Pass
		Outer Full	20.04	/	/	20.53	/	/	<=33	Pass
		Inner Full	20.93	/	/	21.42	/	/	<=33	Pass
		Inner 1RB Left	21.09	/	/	21.58	/	/	<=33	Pass
		Inner 1RB Right	20.92	/	/	21.41	/	/	<=33	Pass
	2565	Edge 1RB Left	20.15	/	/	20.64	/	/	<=33	Pass
		Edge 1RB Right	20.16	/	/	20.65	/	/	<=33	Pass
		Outer Full	20.15	/	/	20.64	/	/	<=33	Pass
		Inner Full	21.08	/	/	21.57	/	/	<=33	Pass
		Inner 1RB Left	21.12	/	/	21.61	/	/	<=33	Pass
	Inner 1RB Right	21.17	/	/	21.66	/	/	<=33	Pass	
CP-OFDM 64 QAM	2505	Edge 1RB Left	19.07	/	/	19.56	/	/	<=33	Pass
		Edge 1RB Right	19.20	/	/	19.69	/	/	<=33	Pass
		Outer Full	19.71	/	/	20.20	/	/	<=33	Pass
		Inner Full	19.66	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Left	19.12	/	/	19.61	/	/	<=33	Pass
	Inner 1RB Right	19.24	/	/	19.73	/	/	<=33	Pass	
	2535	Edge 1RB Left	19.14	/	/	19.63	/	/	<=33	Pass
		Edge 1RB Right	18.92	/	/	19.41	/	/	<=33	Pass
		Outer Full	19.52	/	/	20.01	/	/	<=33	Pass
		Inner Full	19.44	/	/	19.93	/	/	<=33	Pass
		Inner 1RB Left	19.61	/	/	20.10	/	/	<=33	Pass
	Inner 1RB Right	18.93	/	/	19.42	/	/	<=33	Pass	
	2565	Edge 1RB Left	19.61	/	/	20.10	/	/	<=33	Pass
		Edge 1RB Right	19.68	/	/	20.17	/	/	<=33	Pass
		Outer Full	19.63	/	/	20.12	/	/	<=33	Pass
Inner Full		19.60	/	/	20.09	/	/	<=33	Pass	
Inner 1RB Left		19.64	/	/	20.13	/	/	<=33	Pass	
Inner 1RB Right	19.60	/	/	20.09	/	/	<=33	Pass		
CP-OFDM 256 QAM	2505	Edge 1RB Left	16.69	/	/	17.18	/	/	<=33	Pass
		Edge 1RB Right	16.84	/	/	17.33	/	/	<=33	Pass
		Outer Full	16.54	/	/	17.03	/	/	<=33	Pass
		Inner Full	16.60	/	/	17.09	/	/	<=33	Pass
		Inner 1RB Left	16.69	/	/	17.18	/	/	<=33	Pass
	Inner 1RB Right	16.85	/	/	17.34	/	/	<=33	Pass	
	2535	Edge 1RB Left	16.64	/	/	17.13	/	/	<=33	Pass
		Edge 1RB Right	16.46	/	/	16.95	/	/	<=33	Pass
		Outer Full	16.35	/	/	16.84	/	/	<=33	Pass
		Inner Full	16.43	/	/	16.92	/	/	<=33	Pass
		Inner 1RB Left	16.58	/	/	17.07	/	/	<=33	Pass
	Inner 1RB Right	16.46	/	/	16.95	/	/	<=33	Pass	
	2565	Edge 1RB Left	16.70	/	/	17.19	/	/	<=33	Pass
		Edge 1RB Right	16.74	/	/	17.23	/	/	<=33	Pass
		Outer Full	16.52	/	/	17.01	/	/	<=33	Pass
Inner Full		16.59	/	/	17.08	/	/	<=33	Pass	
Inner 1RB Left		16.67	/	/	17.16	/	/	<=33	Pass	
Inner 1RB Right	16.69	/	/	17.18	/	/	<=33	Pass		
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15k_SISO_15MHz_NTNV_EIRP

5G NR n7 SCS=15kHz 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	2507.5	Edge 1RB Left	22.58	/	/	23.07	/	/	<=33	Pass
		Edge 1RB Right	22.56	/	/	23.05	/	/	<=33	Pass
		Outer_Full	22.60	/	/	23.09	/	/	<=33	Pass

		Inner_Full	23.09	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	23.15	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.40	/	/	22.89	/	/	<=33	Pass
		Edge_1RB_Right	22.24	/	/	22.73	/	/	<=33	Pass
		Outer_Full	22.33	/	/	22.82	/	/	<=33	Pass
		Inner_Full	22.84	/	/	23.33	/	/	<=33	Pass
		Inner_1RB_Left	22.88	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	23.34	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.68	/	/	23.17	/	/	<=33	Pass
		Edge_1RB_Right	22.75	/	/	23.24	/	/	<=33	Pass
		Outer_Full	22.78	/	/	23.27	/	/	<=33	Pass
		Inner_Full	23.35	/	/	23.84	/	/	<=33	Pass
		Inner_1RB_Left	23.18	/	/	23.67	/	/	<=33	Pass
		Inner_1RB_Right	22.77	/	/	23.26	/	/	<=33	Pass
DFT-s-OFDM QPSK	2507.5	Edge_1RB_Left	22.14	/	/	22.63	/	/	<=33	Pass
		Edge_1RB_Right	22.06	/	/	22.55	/	/	<=33	Pass
		Outer_Full	22.12	/	/	22.61	/	/	<=33	Pass
		Inner_Full	23.11	/	/	23.60	/	/	<=33	Pass
		Inner_1RB_Left	23.06	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Right	22.50	/	/	22.99	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.89	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	22.21	/	/	<=33	Pass
		Outer_Full	21.83	/	/	22.32	/	/	<=33	Pass
		Inner_Full	22.85	/	/	23.34	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	22.72	/	/	23.21	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	22.15	/	/	22.64	/	/	<=33	Pass
		Edge_1RB_Right	22.19	/	/	22.68	/	/	<=33	Pass
		Outer_Full	22.30	/	/	22.79	/	/	<=33	Pass
		Inner_Full	23.38	/	/	23.87	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	22.65	/	/	23.14	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge_1RB_Left	20.63	/	/	21.12	/	/	<=33	Pass
		Edge_1RB_Right	20.90	/	/	21.39	/	/	<=33	Pass
		Outer_Full	21.23	/	/	21.72	/	/	<=33	Pass
		Inner_Full	22.12	/	/	22.61	/	/	<=33	Pass
		Inner_1RB_Left	21.72	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Right	21.71	/	/	22.20	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.69	/	/	21.18	/	/	<=33	Pass
		Edge_1RB_Right	20.40	/	/	20.89	/	/	<=33	Pass
		Outer_Full	20.97	/	/	21.46	/	/	<=33	Pass
		Inner_Full	21.87	/	/	22.36	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	21.89	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.65	/	/	21.14	/	/	<=33	Pass
		Edge_1RB_Right	20.82	/	/	21.31	/	/	<=33	Pass
		Outer_Full	21.22	/	/	21.71	/	/	<=33	Pass
		Inner_Full	22.39	/	/	22.88	/	/	<=33	Pass
		Inner_1RB_Left	21.80	/	/	22.29	/	/	<=33	Pass
		Inner_1RB_Right	21.89	/	/	22.38	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2507.5	Edge_1RB_Left	20.21	/	/	20.70	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	20.88	/	/	<=33	Pass
		Outer_Full	20.80	/	/	21.29	/	/	<=33	Pass
		Inner_Full	20.77	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Left	20.23	/	/	20.72	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	21.03	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.31	/	/	20.80	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	20.40	/	/	<=33	Pass

		Outer_Full	20.55	/	/	21.04	/	/	<=33	Pass
		Inner_Full	20.58	/	/	21.07	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Right	19.88	/	/	20.37	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.24	/	/	20.73	/	/	<=33	Pass
		Edge_1RB_Right	20.42	/	/	20.91	/	/	<=33	Pass
		Outer_Full	20.76	/	/	21.25	/	/	<=33	Pass
		Inner_Full	20.79	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Left	20.27	/	/	20.76	/	/	<=33	Pass
		Inner_1RB_Right	20.44	/	/	20.93	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2507.5	Edge_1RB_Left	18.42	/	/	18.91	/	/	<=33	Pass
		Edge_1RB_Right	18.72	/	/	19.21	/	/	<=33	Pass
		Outer_Full	18.62	/	/	19.11	/	/	<=33	Pass
		Inner_Full	18.65	/	/	19.14	/	/	<=33	Pass
		Inner_1RB_Left	18.41	/	/	18.90	/	/	<=33	Pass
		Inner_1RB_Right	18.67	/	/	19.16	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.51	/	/	19.00	/	/	<=33	Pass
		Edge_1RB_Right	18.11	/	/	18.60	/	/	<=33	Pass
		Outer_Full	18.43	/	/	18.92	/	/	<=33	Pass
		Inner_Full	18.48	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Left	18.51	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Right	18.20	/	/	18.69	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	18.34	/	/	18.83	/	/	<=33	Pass
		Edge_1RB_Right	18.66	/	/	19.15	/	/	<=33	Pass
		Outer_Full	18.59	/	/	19.08	/	/	<=33	Pass
		Inner_Full	18.69	/	/	19.18	/	/	<=33	Pass
		Inner_1RB_Left	18.45	/	/	18.94	/	/	<=33	Pass
		Inner_1RB_Right	18.57	/	/	19.06	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Edge_1RB_Left	19.89	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Right	20.15	/	/	20.64	/	/	<=33	Pass
		Outer_Full	20.19	/	/	20.68	/	/	<=33	Pass
		Inner_Full	21.62	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	21.46	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Right	21.51	/	/	22.00	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.95	/	/	20.44	/	/	<=33	Pass
		Edge_1RB_Right	19.66	/	/	20.15	/	/	<=33	Pass
		Outer_Full	19.94	/	/	20.43	/	/	<=33	Pass
		Inner_Full	21.31	/	/	21.80	/	/	<=33	Pass
		Inner_1RB_Left	21.24	/	/	21.73	/	/	<=33	Pass
		Inner_1RB_Right	21.15	/	/	21.64	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	19.89	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Right	20.05	/	/	20.54	/	/	<=33	Pass
		Outer_Full	20.19	/	/	20.68	/	/	<=33	Pass
		Inner_Full	21.78	/	/	22.27	/	/	<=33	Pass
		Inner_1RB_Left	21.54	/	/	22.03	/	/	<=33	Pass
		Inner_1RB_Right	21.64	/	/	22.13	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Edge_1RB_Left	19.65	/	/	20.14	/	/	<=33	Pass
		Edge_1RB_Right	19.93	/	/	20.42	/	/	<=33	Pass
		Outer_Full	20.25	/	/	20.74	/	/	<=33	Pass
		Inner_Full	21.29	/	/	21.78	/	/	<=33	Pass
		Inner_1RB_Left	20.67	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Right	20.92	/	/	21.41	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.21	/	/	20.70	/	/	<=33	Pass
		Edge_1RB_Right	19.91	/	/	20.40	/	/	<=33	Pass
		Outer_Full	20.00	/	/	20.49	/	/	<=33	Pass
		Inner_Full	21.07	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Left	21.16	/	/	21.65	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	20.92	/	/	<=33	Pass
	2562.5	Edge_1RB_Left	20.14	/	/	20.63	/	/	<=33	Pass

		Edge 1RB Right	20.30	/	/	20.79	/	/	<=33	Pass	
		Outer_Full	20.20	/	/	20.69	/	/	<=33	Pass	
		Inner_Full	21.22	/	/	21.71	/	/	<=33	Pass	
		Inner_1RB_Left	21.12	/	/	21.61	/	/	<=33	Pass	
		Inner_1RB_Right	21.30	/	/	21.79	/	/	<=33	Pass	
CP-OFDM 64 QAM	2507.5	Edge 1RB Left	19.15	/	/	19.64	/	/	<=33	Pass	
		Edge 1RB Right	19.32	/	/	19.81	/	/	<=33	Pass	
		Outer_Full	19.77	/	/	20.26	/	/	<=33	Pass	
		Inner_Full	19.80	/	/	20.29	/	/	<=33	Pass	
		Inner_1RB_Left	19.15	/	/	19.64	/	/	<=33	Pass	
		Inner_1RB_Right	19.33	/	/	19.82	/	/	<=33	Pass	
		Edge 1RB Left	19.74	/	/	20.23	/	/	<=33	Pass	
	2535	Edge 1RB Right	19.41	/	/	19.90	/	/	<=33	Pass	
		Outer_Full	19.50	/	/	19.99	/	/	<=33	Pass	
		Inner_Full	19.58	/	/	20.07	/	/	<=33	Pass	
		Inner_1RB_Left	19.67	/	/	20.16	/	/	<=33	Pass	
		Inner_1RB_Right	19.42	/	/	19.91	/	/	<=33	Pass	
		2562.5	Edge 1RB Left	19.61	/	/	20.10	/	/	<=33	Pass
			Edge 1RB Right	19.79	/	/	20.28	/	/	<=33	Pass
	Outer_Full		19.76	/	/	20.25	/	/	<=33	Pass	
	Inner_Full		19.75	/	/	20.24	/	/	<=33	Pass	
	Inner_1RB_Left		19.69	/	/	20.18	/	/	<=33	Pass	
	Inner_1RB_Right		19.77	/	/	20.26	/	/	<=33	Pass	
	CP-OFDM 256 QAM	2507.5	Edge 1RB Left	16.65	/	/	17.14	/	/	<=33	Pass
			Edge 1RB Right	16.99	/	/	17.48	/	/	<=33	Pass
Outer_Full			16.68	/	/	17.17	/	/	<=33	Pass	
Inner_Full			16.69	/	/	17.18	/	/	<=33	Pass	
Inner_1RB_Left			16.67	/	/	17.16	/	/	<=33	Pass	
Inner_1RB_Right			16.93	/	/	17.42	/	/	<=33	Pass	
2535		Edge 1RB Left	16.73	/	/	17.22	/	/	<=33	Pass	
		Edge 1RB Right	16.46	/	/	16.95	/	/	<=33	Pass	
		Outer_Full	16.39	/	/	16.88	/	/	<=33	Pass	
		Inner_Full	16.46	/	/	16.95	/	/	<=33	Pass	
		Inner_1RB_Left	16.70	/	/	17.19	/	/	<=33	Pass	
		Inner_1RB_Right	16.43	/	/	16.92	/	/	<=33	Pass	
2562.5		Edge 1RB Left	16.64	/	/	17.13	/	/	<=33	Pass	
		Edge 1RB Right	16.87	/	/	17.36	/	/	<=33	Pass	
		Outer_Full	16.64	/	/	17.13	/	/	<=33	Pass	
	Inner_Full	16.69	/	/	17.18	/	/	<=33	Pass		
	Inner_1RB_Left	16.64	/	/	17.13	/	/	<=33	Pass		
Inner_1RB_Right	16.83	/	/	17.32	/	/	<=33	Pass			
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.4 15k_SISO_20MHz_NTNV_EIRP

5G NR n7 SCS=15kHz 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	2510	Edge 1RB Left	22.57	/	/	23.06	/	/	<=33	Pass
		Edge 1RB Right	22.61	/	/	23.10	/	/	<=33	Pass
		Outer_Full	22.65	/	/	23.14	/	/	<=33	Pass
		Inner_Full	23.14	/	/	23.63	/	/	<=33	Pass
		Inner 1RB Left	23.12	/	/	23.61	/	/	<=33	Pass
		Inner 1RB Right	23.15	/	/	23.64	/	/	<=33	Pass
	2535	Edge 1RB Left	22.43	/	/	22.92	/	/	<=33	Pass
		Edge 1RB Right	22.30	/	/	22.79	/	/	<=33	Pass
		Outer_Full	22.34	/	/	22.83	/	/	<=33	Pass

		Inner_Full	22.93	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Left	22.94	/	/	23.43	/	/	<=33	Pass
		Inner_1RB_Right	22.84	/	/	23.33	/	/	<=33	Pass
	2560	Edge_1RB_Left	22.46	/	/	22.95	/	/	<=33	Pass
		Edge_1RB_Right	22.71	/	/	23.20	/	/	<=33	Pass
		Outer_Full	22.73	/	/	23.22	/	/	<=33	Pass
		Inner_Full	23.34	/	/	23.83	/	/	<=33	Pass
		Inner_1RB_Left	23.01	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Right	23.20	/	/	23.69	/	/	<=33	Pass
DFT-s-OFDM QPSK	2510	Edge_1RB_Left	22.12	/	/	22.61	/	/	<=33	Pass
		Edge_1RB_Right	22.13	/	/	22.62	/	/	<=33	Pass
		Outer_Full	22.16	/	/	22.65	/	/	<=33	Pass
		Inner_Full	23.17	/	/	23.66	/	/	<=33	Pass
		Inner_1RB_Left	23.09	/	/	23.58	/	/	<=33	Pass
		Inner_1RB_Right	23.00	/	/	23.49	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.92	/	/	22.41	/	/	<=33	Pass
		Edge_1RB_Right	21.77	/	/	22.26	/	/	<=33	Pass
		Outer_Full	21.82	/	/	22.31	/	/	<=33	Pass
		Inner_Full	22.88	/	/	23.37	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	22.26	/	/	22.75	/	/	<=33	Pass
	2560	Edge_1RB_Left	21.94	/	/	22.43	/	/	<=33	Pass
		Edge_1RB_Right	22.25	/	/	22.74	/	/	<=33	Pass
		Outer_Full	22.24	/	/	22.73	/	/	<=33	Pass
		Inner_Full	23.36	/	/	23.85	/	/	<=33	Pass
		Inner_1RB_Left	22.95	/	/	23.44	/	/	<=33	Pass
		Inner_1RB_Right	22.83	/	/	23.32	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge_1RB_Left	20.66	/	/	21.15	/	/	<=33	Pass
		Edge_1RB_Right	20.98	/	/	21.47	/	/	<=33	Pass
		Outer_Full	21.29	/	/	21.78	/	/	<=33	Pass
		Inner_Full	22.19	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Right	21.72	/	/	22.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.77	/	/	21.26	/	/	<=33	Pass
		Edge_1RB_Right	20.37	/	/	20.86	/	/	<=33	Pass
		Outer_Full	21.01	/	/	21.50	/	/	<=33	Pass
		Inner_Full	21.90	/	/	22.39	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Right	21.44	/	/	21.93	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.54	/	/	21.03	/	/	<=33	Pass
		Edge_1RB_Right	20.83	/	/	21.32	/	/	<=33	Pass
		Outer_Full	21.16	/	/	21.65	/	/	<=33	Pass
		Inner_Full	22.29	/	/	22.78	/	/	<=33	Pass
		Inner_1RB_Left	21.65	/	/	22.14	/	/	<=33	Pass
		Inner_1RB_Right	21.93	/	/	22.42	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2510	Edge_1RB_Left	20.28	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	20.55	/	/	21.04	/	/	<=33	Pass
		Outer_Full	20.79	/	/	21.28	/	/	<=33	Pass
		Inner_Full	20.77	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Left	20.29	/	/	20.78	/	/	<=33	Pass
		Inner_1RB_Right	20.56	/	/	21.05	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.39	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	20.01	/	/	20.50	/	/	<=33	Pass
		Outer_Full	20.49	/	/	20.98	/	/	<=33	Pass
		Inner_Full	20.54	/	/	21.03	/	/	<=33	Pass
		Inner_1RB_Left	20.30	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Right	20.01	/	/	20.50	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.13	/	/	20.62	/	/	<=33	Pass
		Edge_1RB_Right	20.43	/	/	20.92	/	/	<=33	Pass

		Outer_Full	20.65	/	/	21.14	/	/	<=33	Pass
		Inner_Full	20.64	/	/	21.13	/	/	<=33	Pass
		Inner_1RB_Left	20.09	/	/	20.58	/	/	<=33	Pass
		Inner_1RB_Right	20.40	/	/	20.89	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Edge_1RB_Left	18.50	/	/	18.99	/	/	<=33	Pass
		Edge_1RB_Right	18.78	/	/	19.27	/	/	<=33	Pass
		Outer_Full	18.72	/	/	19.21	/	/	<=33	Pass
		Inner_Full	18.76	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Left	18.48	/	/	18.97	/	/	<=33	Pass
		Inner_1RB_Right	18.81	/	/	19.30	/	/	<=33	Pass
		Edge_1RB_Left	18.58	/	/	19.07	/	/	<=33	Pass
		Edge_1RB_Right	18.21	/	/	18.70	/	/	<=33	Pass
	2535	Outer_Full	18.44	/	/	18.93	/	/	<=33	Pass
		Inner_Full	18.46	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Left	18.59	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Right	18.22	/	/	18.71	/	/	<=33	Pass
		Edge_1RB_Left	18.33	/	/	18.82	/	/	<=33	Pass
		Edge_1RB_Right	18.61	/	/	19.10	/	/	<=33	Pass
	2560	Outer_Full	18.55	/	/	19.04	/	/	<=33	Pass
		Inner_Full	18.59	/	/	19.08	/	/	<=33	Pass
		Inner_1RB_Left	18.32	/	/	18.81	/	/	<=33	Pass
		Inner_1RB_Right	18.63	/	/	19.12	/	/	<=33	Pass
CP-OFDM QPSK	2510	Edge_1RB_Left	19.90	/	/	20.39	/	/	<=33	Pass
		Edge_1RB_Right	20.30	/	/	20.79	/	/	<=33	Pass
		Outer_Full	20.31	/	/	20.80	/	/	<=33	Pass
		Inner_Full	21.68	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Left	21.49	/	/	21.98	/	/	<=33	Pass
		Inner_1RB_Right	21.43	/	/	21.92	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.08	/	/	20.57	/	/	<=33	Pass
		Edge_1RB_Right	19.68	/	/	20.17	/	/	<=33	Pass
		Outer_Full	19.93	/	/	20.42	/	/	<=33	Pass
		Inner_Full	21.38	/	/	21.87	/	/	<=33	Pass
		Inner_1RB_Left	21.28	/	/	21.77	/	/	<=33	Pass
		Inner_1RB_Right	21.13	/	/	21.62	/	/	<=33	Pass
	2560	Edge_1RB_Left	19.75	/	/	20.24	/	/	<=33	Pass
		Edge_1RB_Right	20.12	/	/	20.61	/	/	<=33	Pass
		Outer_Full	20.16	/	/	20.65	/	/	<=33	Pass
		Inner_Full	21.81	/	/	22.30	/	/	<=33	Pass
		Inner_1RB_Left	21.41	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	22.05	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Edge_1RB_Left	20.22	/	/	20.71	/	/	<=33	Pass
		Edge_1RB_Right	20.43	/	/	20.92	/	/	<=33	Pass
		Outer_Full	20.36	/	/	20.85	/	/	<=33	Pass
		Inner_Full	21.30	/	/	21.79	/	/	<=33	Pass
		Inner_1RB_Left	21.17	/	/	21.66	/	/	<=33	Pass
		Inner_1RB_Right	21.41	/	/	21.90	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.30	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	19.96	/	/	20.45	/	/	<=33	Pass
		Outer_Full	19.97	/	/	20.46	/	/	<=33	Pass
		Inner_Full	21.02	/	/	21.51	/	/	<=33	Pass
		Inner_1RB_Left	21.22	/	/	21.71	/	/	<=33	Pass
		Inner_1RB_Right	20.85	/	/	21.34	/	/	<=33	Pass
	2560	Edge_1RB_Left	20.05	/	/	20.54	/	/	<=33	Pass
		Edge_1RB_Right	20.35	/	/	20.84	/	/	<=33	Pass
		Outer_Full	20.17	/	/	20.66	/	/	<=33	Pass
		Inner_Full	21.21	/	/	21.70	/	/	<=33	Pass
		Inner_1RB_Left	21.01	/	/	21.50	/	/	<=33	Pass
		Inner_1RB_Right	21.19	/	/	21.68	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Edge_1RB_Left	19.19	/	/	19.68	/	/	<=33	Pass

		Edge 1RB Right	19.90	/	/	20.39	/	/	<=33	Pass
		Outer_Full	19.85	/	/	20.34	/	/	<=33	Pass
		Inner_Full	19.77	/	/	20.26	/	/	<=33	Pass
		Inner_1RB_Left	19.18	/	/	19.67	/	/	<=33	Pass
		Inner_1RB_Right	19.86	/	/	20.35	/	/	<=33	Pass
	2535	Edge 1RB Left	19.70	/	/	20.19	/	/	<=33	Pass
		Edge 1RB Right	19.37	/	/	19.86	/	/	<=33	Pass
		Outer_Full	19.47	/	/	19.96	/	/	<=33	Pass
		Inner_Full	19.49	/	/	19.98	/	/	<=33	Pass
		Inner_1RB_Left	19.76	/	/	20.25	/	/	<=33	Pass
	2560	Inner_1RB_Right	19.30	/	/	19.79	/	/	<=33	Pass
		Edge 1RB Left	19.51	/	/	20.00	/	/	<=33	Pass
		Edge 1RB Right	19.80	/	/	20.29	/	/	<=33	Pass
		Outer_Full	19.67	/	/	20.16	/	/	<=33	Pass
		Inner_Full	19.67	/	/	20.16	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Inner_1RB_Left	19.51	/	/	20.00	/	/	<=33	Pass
		Inner_1RB_Right	19.72	/	/	20.21	/	/	<=33	Pass
		Edge 1RB Left	16.72	/	/	17.21	/	/	<=33	Pass
		Edge 1RB Right	17.04	/	/	17.53	/	/	<=33	Pass
		Outer_Full	16.79	/	/	17.28	/	/	<=33	Pass
		Inner_Full	16.73	/	/	17.22	/	/	<=33	Pass
	2535	Inner_1RB_Left	16.70	/	/	17.19	/	/	<=33	Pass
		Inner_1RB_Right	16.97	/	/	17.46	/	/	<=33	Pass
		Edge 1RB Left	16.81	/	/	17.30	/	/	<=33	Pass
		Edge 1RB Right	16.43	/	/	16.92	/	/	<=33	Pass
		Outer_Full	16.42	/	/	16.91	/	/	<=33	Pass
		Inner_Full	16.42	/	/	16.91	/	/	<=33	Pass
	2560	Inner_1RB_Left	16.80	/	/	17.29	/	/	<=33	Pass
		Inner_1RB_Right	16.35	/	/	16.84	/	/	<=33	Pass
		Edge 1RB Left	16.48	/	/	16.97	/	/	<=33	Pass
Edge 1RB Right		16.87	/	/	17.36	/	/	<=33	Pass	
Outer_Full		16.67	/	/	17.16	/	/	<=33	Pass	
Inner_Full		16.60	/	/	17.09	/	/	<=33	Pass	
	Inner_1RB_Left	16.54	/	/	17.03	/	/	<=33	Pass	
	Inner_1RB_Right	16.75	/	/	17.24	/	/	<=33	Pass	
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 15k_SISO_25MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant31	Ant2	Sum	Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2512.5	Edge 1RB Left	22.23	/	/	22.72	/	/	<=33	Pass
		Edge 1RB Right	22.21	/	/	22.70	/	/	<=33	Pass
		Outer_Full	22.70	/	/	23.19	/	/	<=33	Pass
		Inner_Full	23.23	/	/	23.72	/	/	<=33	Pass
		Inner 1RB Left	22.64	/	/	23.13	/	/	<=33	Pass
		Inner 1RB Right	22.61	/	/	23.10	/	/	<=33	Pass
	2535	Edge 1RB Left	22.49	/	/	22.98	/	/	<=33	Pass
		Edge 1RB Right	21.91	/	/	22.40	/	/	<=33	Pass
		Outer_Full	22.33	/	/	22.82	/	/	<=33	Pass
		Inner_Full	22.99	/	/	23.48	/	/	<=33	Pass
		Inner 1RB Left	22.55	/	/	23.04	/	/	<=33	Pass
		Inner 1RB Right	22.38	/	/	22.87	/	/	<=33	Pass
	2557.5	Edge 1RB Left	21.92	/	/	22.41	/	/	<=33	Pass
		Edge 1RB Right	22.25	/	/	22.74	/	/	<=33	Pass
		Outer_Full	22.73	/	/	23.22	/	/	<=33	Pass

		Inner_Full	23.31	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Left	22.42	/	/	22.91	/	/	<=33	Pass
		Inner_1RB_Right	22.73	/	/	23.22	/	/	<=33	Pass
DFT-s-OFDM QPSK	2512.5	Edge_1RB_Left	21.62	/	/	22.11	/	/	<=33	Pass
		Edge_1RB_Right	21.57	/	/	22.06	/	/	<=33	Pass
		Outer_Full	22.18	/	/	22.67	/	/	<=33	Pass
		Inner_Full	23.21	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	22.55	/	/	23.04	/	/	<=33	Pass
		Inner_1RB_Right	22.53	/	/	23.02	/	/	<=33	Pass
		Edge_1RB_Left	21.92	/	/	22.41	/	/	<=33	Pass
	2535	Edge_1RB_Right	21.30	/	/	21.79	/	/	<=33	Pass
		Outer_Full	21.85	/	/	22.34	/	/	<=33	Pass
		Inner_Full	22.98	/	/	23.47	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	22.89	/	/	<=33	Pass
		Inner_1RB_Right	22.26	/	/	22.75	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	21.35	/	/	21.84	/	/	<=33	Pass
		Edge_1RB_Right	21.69	/	/	22.18	/	/	<=33	Pass
		Outer_Full	22.24	/	/	22.73	/	/	<=33	Pass
		Inner_Full	23.31	/	/	23.80	/	/	<=33	Pass
		Inner_1RB_Left	22.31	/	/	22.80	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	23.15	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge_1RB_Left	20.75	/	/	21.24	/	/	<=33	Pass
		Edge_1RB_Right	20.92	/	/	21.41	/	/	<=33	Pass
		Outer_Full	21.44	/	/	21.93	/	/	<=33	Pass
		Inner_Full	22.19	/	/	22.68	/	/	<=33	Pass
		Inner_1RB_Left	21.73	/	/	22.22	/	/	<=33	Pass
		Inner_1RB_Right	21.70	/	/	22.19	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.75	/	/	21.24	/	/	<=33	Pass
		Edge_1RB_Right	20.37	/	/	20.86	/	/	<=33	Pass
		Outer_Full	21.03	/	/	21.52	/	/	<=33	Pass
		Inner_Full	21.92	/	/	22.41	/	/	<=33	Pass
		Inner_1RB_Left	21.60	/	/	22.09	/	/	<=33	Pass
		Inner_1RB_Right	21.47	/	/	21.96	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	20.42	/	/	20.91	/	/	<=33	Pass
		Edge_1RB_Right	20.78	/	/	21.27	/	/	<=33	Pass
		Outer_Full	21.21	/	/	21.70	/	/	<=33	Pass
		Inner_Full	22.26	/	/	22.75	/	/	<=33	Pass
		Inner_1RB_Left	21.48	/	/	21.97	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2512.5	Inner_1RB_Right	21.89	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Left	20.32	/	/	20.81	/	/	<=33	Pass
		Edge_1RB_Right	20.52	/	/	21.01	/	/	<=33	Pass
		Outer_Full	20.91	/	/	21.40	/	/	<=33	Pass
		Inner_Full	20.92	/	/	21.41	/	/	<=33	Pass
		Inner_1RB_Left	20.34	/	/	20.83	/	/	<=33	Pass
	2535	Inner_1RB_Right	20.56	/	/	21.05	/	/	<=33	Pass
		Edge_1RB_Left	20.39	/	/	20.88	/	/	<=33	Pass
		Edge_1RB_Right	19.95	/	/	20.44	/	/	<=33	Pass
		Outer_Full	20.52	/	/	21.01	/	/	<=33	Pass
		Inner_Full	20.59	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Left	20.35	/	/	20.84	/	/	<=33	Pass
	2557.5	Inner_1RB_Right	19.98	/	/	20.47	/	/	<=33	Pass
		Edge_1RB_Left	20.03	/	/	20.52	/	/	<=33	Pass
		Edge_1RB_Right	20.42	/	/	20.91	/	/	<=33	Pass
		Outer_Full	20.66	/	/	21.15	/	/	<=33	Pass
		Inner_Full	20.66	/	/	21.15	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2512.5	Inner_1RB_Left	20.02	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Right	20.38	/	/	20.87	/	/	<=33	Pass
		Edge_1RB_Left	18.46	/	/	18.95	/	/	<=33	Pass
		Edge_1RB_Right	18.63	/	/	19.12	/	/	<=33	Pass

		Outer_Full	18.85	/	/	19.34	/	/	<=33	Pass
		Inner_Full	18.84	/	/	19.33	/	/	<=33	Pass
		Inner_1RB_Left	18.47	/	/	18.96	/	/	<=33	Pass
		Inner_1RB_Right	18.75	/	/	19.24	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.53	/	/	19.02	/	/	<=33	Pass
		Edge_1RB_Right	18.17	/	/	18.66	/	/	<=33	Pass
		Outer_Full	18.45	/	/	18.94	/	/	<=33	Pass
		Inner_Full	18.52	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Left	18.56	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Right	18.20	/	/	18.69	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	18.25	/	/	18.74	/	/	<=33	Pass
		Edge_1RB_Right	18.57	/	/	19.06	/	/	<=33	Pass
		Outer_Full	18.59	/	/	19.08	/	/	<=33	Pass
		Inner_Full	18.53	/	/	19.02	/	/	<=33	Pass
		Inner_1RB_Left	18.15	/	/	18.64	/	/	<=33	Pass
		Inner_1RB_Right	18.54	/	/	19.03	/	/	<=33	Pass
CP-OFDM QPSK	2512.5	Edge_1RB_Left	20.07	/	/	20.56	/	/	<=33	Pass
		Edge_1RB_Right	19.71	/	/	20.20	/	/	<=33	Pass
		Outer_Full	20.34	/	/	20.83	/	/	<=33	Pass
		Inner_Full	21.69	/	/	22.18	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	22.01	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.99	/	/	20.48	/	/	<=33	Pass
		Edge_1RB_Right	19.17	/	/	19.66	/	/	<=33	Pass
		Outer_Full	19.89	/	/	20.38	/	/	<=33	Pass
		Inner_Full	21.42	/	/	21.91	/	/	<=33	Pass
		Inner_1RB_Left	21.00	/	/	21.49	/	/	<=33	Pass
		Inner_1RB_Right	20.70	/	/	21.19	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	19.23	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Right	19.53	/	/	20.02	/	/	<=33	Pass
		Outer_Full	20.12	/	/	20.61	/	/	<=33	Pass
		Inner_Full	21.67	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Left	20.72	/	/	21.21	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	21.50	/	/	<=33	Pass
CP-OFDM 16 QAM	2512.5	Edge_1RB_Left	19.84	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	19.95	/	/	20.44	/	/	<=33	Pass
		Outer_Full	20.39	/	/	20.88	/	/	<=33	Pass
		Inner_Full	21.37	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Left	20.75	/	/	21.24	/	/	<=33	Pass
		Inner_1RB_Right	20.91	/	/	21.40	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.78	/	/	20.27	/	/	<=33	Pass
		Edge_1RB_Right	19.45	/	/	19.94	/	/	<=33	Pass
		Outer_Full	19.93	/	/	20.42	/	/	<=33	Pass
		Inner_Full	21.03	/	/	21.52	/	/	<=33	Pass
		Inner_1RB_Left	20.76	/	/	21.25	/	/	<=33	Pass
		Inner_1RB_Right	20.46	/	/	20.95	/	/	<=33	Pass
	2557.5	Edge_1RB_Left	19.40	/	/	19.89	/	/	<=33	Pass
		Edge_1RB_Right	19.77	/	/	20.26	/	/	<=33	Pass
		Outer_Full	20.15	/	/	20.64	/	/	<=33	Pass
		Inner_Full	21.10	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Left	20.45	/	/	20.94	/	/	<=33	Pass
		Inner_1RB_Right	20.73	/	/	21.22	/	/	<=33	Pass
CP-OFDM 64 QAM	2512.5	Edge_1RB_Left	19.25	/	/	19.74	/	/	<=33	Pass
		Edge_1RB_Right	19.38	/	/	19.87	/	/	<=33	Pass
		Outer_Full	19.84	/	/	20.33	/	/	<=33	Pass
		Inner_Full	19.87	/	/	20.36	/	/	<=33	Pass
		Inner_1RB_Left	19.26	/	/	19.75	/	/	<=33	Pass
		Inner_1RB_Right	19.94	/	/	20.43	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.24	/	/	19.73	/	/	<=33	Pass

		Edge 1RB Right	18.80	/	/	19.29	/	/	<=33	Pass
		Outer_Full	19.46	/	/	19.95	/	/	<=33	Pass
		Inner_Full	19.51	/	/	20.00	/	/	<=33	Pass
		Inner_1RB Left	19.18	/	/	19.67	/	/	<=33	Pass
		Inner_1RB Right	18.94	/	/	19.43	/	/	<=33	Pass
	2557.5	Edge 1RB Left	18.91	/	/	19.40	/	/	<=33	Pass
		Edge 1RB Right	19.21	/	/	19.70	/	/	<=33	Pass
		Outer_Full	19.63	/	/	20.12	/	/	<=33	Pass
		Inner_Full	19.59	/	/	20.08	/	/	<=33	Pass
		Inner_1RB Left	18.90	/	/	19.39	/	/	<=33	Pass
		Inner_1RB Right	19.19	/	/	19.68	/	/	<=33	Pass
CP-OFDM 256 QAM	2512.5	Edge 1RB Left	16.82	/	/	17.31	/	/	<=33	Pass
		Edge 1RB Right	16.99	/	/	17.48	/	/	<=33	Pass
		Outer_Full	16.83	/	/	17.32	/	/	<=33	Pass
		Inner_Full	16.83	/	/	17.32	/	/	<=33	Pass
		Inner_1RB Left	16.80	/	/	17.29	/	/	<=33	Pass
		Inner_1RB Right	16.99	/	/	17.48	/	/	<=33	Pass
	2535	Edge 1RB Left	16.81	/	/	17.30	/	/	<=33	Pass
		Edge 1RB Right	16.42	/	/	16.91	/	/	<=33	Pass
		Outer_Full	16.36	/	/	16.85	/	/	<=33	Pass
		Inner_Full	16.44	/	/	16.93	/	/	<=33	Pass
		Inner_1RB Left	16.80	/	/	17.29	/	/	<=33	Pass
		Inner_1RB Right	16.41	/	/	16.90	/	/	<=33	Pass
	2557.5	Edge 1RB Left	16.50	/	/	16.99	/	/	<=33	Pass
		Edge 1RB Right	16.77	/	/	17.26	/	/	<=33	Pass
		Outer_Full	16.62	/	/	17.11	/	/	<=33	Pass
		Inner_Full	16.58	/	/	17.07	/	/	<=33	Pass
		Inner_1RB Left	16.46	/	/	16.95	/	/	<=33	Pass
		Inner_1RB Right	16.83	/	/	17.32	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 15k_SISO_30MHz_NTNV_EIRP

5G NR n7 SCS=15kHz 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	2515	Edge 1RB Left	22.54	/	/	23.03	/	/	<=33	Pass
		Edge 1RB Right	21.93	/	/	22.42	/	/	<=33	Pass
		Outer_Full	22.61	/	/	23.10	/	/	<=33	Pass
		Inner_Full	23.21	/	/	23.70	/	/	<=33	Pass
		Inner 1RB Left	22.57	/	/	23.06	/	/	<=33	Pass
		Inner 1RB Right	22.48	/	/	22.97	/	/	<=33	Pass
	2535	Edge 1RB Left	22.51	/	/	23.00	/	/	<=33	Pass
		Edge 1RB Right	21.89	/	/	22.38	/	/	<=33	Pass
		Outer_Full	22.43	/	/	22.92	/	/	<=33	Pass
		Inner_Full	23.01	/	/	23.50	/	/	<=33	Pass
		Inner 1RB Left	22.51	/	/	23.00	/	/	<=33	Pass
		Inner 1RB Right	22.42	/	/	22.91	/	/	<=33	Pass
	2555	Edge 1RB Left	22.35	/	/	22.84	/	/	<=33	Pass
		Edge 1RB Right	22.69	/	/	23.18	/	/	<=33	Pass
		Outer_Full	22.71	/	/	23.20	/	/	<=33	Pass
		Inner_Full	23.27	/	/	23.76	/	/	<=33	Pass
		Inner 1RB Left	22.32	/	/	22.81	/	/	<=33	Pass
		Inner 1RB Right	22.70	/	/	23.19	/	/	<=33	Pass
DFT-s-OFDM QPSK	2515	Edge 1RB Left	22.05	/	/	22.54	/	/	<=33	Pass
		Edge 1RB Right	21.97	/	/	22.46	/	/	<=33	Pass
		Outer_Full	22.14	/	/	22.63	/	/	<=33	Pass

		Inner_Full	23.20	/	/	23.69	/	/	<=33	Pass
		Inner_1RB_Left	22.58	/	/	23.07	/	/	<=33	Pass
		Inner_1RB_Right	22.34	/	/	22.83	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.98	/	/	22.47	/	/	<=33	Pass
		Edge_1RB_Right	21.39	/	/	21.88	/	/	<=33	Pass
		Outer_Full	21.93	/	/	22.42	/	/	<=33	Pass
		Inner_Full	23.06	/	/	23.55	/	/	<=33	Pass
		Inner_1RB_Left	22.50	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	22.32	/	/	22.81	/	/	<=33	Pass
	2555	Edge_1RB_Left	21.76	/	/	22.25	/	/	<=33	Pass
		Edge_1RB_Right	22.18	/	/	22.67	/	/	<=33	Pass
		Outer_Full	22.15	/	/	22.64	/	/	<=33	Pass
		Inner_Full	23.28	/	/	23.77	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	23.24	/	/	<=33	Pass
		Inner_1RB_Right	23.14	/	/	23.63	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Edge_1RB_Left	20.70	/	/	21.19	/	/	<=33	Pass
		Edge_1RB_Right	20.77	/	/	21.26	/	/	<=33	Pass
		Outer_Full	21.33	/	/	21.82	/	/	<=33	Pass
		Inner_Full	22.22	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Left	21.72	/	/	22.21	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	22.10	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.85	/	/	21.34	/	/	<=33	Pass
		Edge_1RB_Right	20.46	/	/	20.95	/	/	<=33	Pass
		Outer_Full	21.08	/	/	21.57	/	/	<=33	Pass
		Inner_Full	22.05	/	/	22.54	/	/	<=33	Pass
		Inner_1RB_Left	21.68	/	/	22.17	/	/	<=33	Pass
		Inner_1RB_Right	21.56	/	/	22.05	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.45	/	/	20.94	/	/	<=33	Pass
		Edge_1RB_Right	20.77	/	/	21.26	/	/	<=33	Pass
		Outer_Full	21.14	/	/	21.63	/	/	<=33	Pass
		Inner_Full	22.27	/	/	22.76	/	/	<=33	Pass
		Inner_1RB_Left	21.40	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	21.90	/	/	22.39	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge_1RB_Left	20.35	/	/	20.84	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	20.85	/	/	<=33	Pass
		Outer_Full	20.85	/	/	21.34	/	/	<=33	Pass
		Inner_Full	20.90	/	/	21.39	/	/	<=33	Pass
		Inner_1RB_Left	20.26	/	/	20.75	/	/	<=33	Pass
		Inner_1RB_Right	20.34	/	/	20.83	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.50	/	/	20.99	/	/	<=33	Pass
		Edge_1RB_Right	20.07	/	/	20.56	/	/	<=33	Pass
		Outer_Full	20.60	/	/	21.09	/	/	<=33	Pass
		Inner_Full	20.63	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Left	20.41	/	/	20.90	/	/	<=33	Pass
		Inner_1RB_Right	20.04	/	/	20.53	/	/	<=33	Pass
	2555	Edge_1RB_Left	20.10	/	/	20.59	/	/	<=33	Pass
		Edge_1RB_Right	20.35	/	/	20.84	/	/	<=33	Pass
		Outer_Full	20.65	/	/	21.14	/	/	<=33	Pass
		Inner_Full	20.67	/	/	21.16	/	/	<=33	Pass
		Inner_1RB_Left	20.07	/	/	20.56	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	20.92	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2515	Edge_1RB_Left	18.50	/	/	18.99	/	/	<=33	Pass
		Edge_1RB_Right	18.58	/	/	19.07	/	/	<=33	Pass
		Outer_Full	18.77	/	/	19.26	/	/	<=33	Pass
		Inner_Full	18.85	/	/	19.34	/	/	<=33	Pass
		Inner_1RB_Left	18.53	/	/	19.02	/	/	<=33	Pass
		Inner_1RB_Right	18.53	/	/	19.02	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.68	/	/	19.17	/	/	<=33	Pass
		Edge_1RB_Right	18.23	/	/	18.72	/	/	<=33	Pass

		Outer_Full	18.53	/	/	19.02	/	/	<=33	Pass
		Inner_Full	18.54	/	/	19.03	/	/	<=33	Pass
		Inner_1RB_Left	18.68	/	/	19.17	/	/	<=33	Pass
		Inner_1RB_Right	18.23	/	/	18.72	/	/	<=33	Pass
	2555	Edge_1RB_Left	18.30	/	/	18.79	/	/	<=33	Pass
		Edge_1RB_Right	18.55	/	/	19.04	/	/	<=33	Pass
		Outer_Full	18.57	/	/	19.06	/	/	<=33	Pass
		Inner_Full	18.56	/	/	19.05	/	/	<=33	Pass
		Inner_1RB_Left	18.30	/	/	18.79	/	/	<=33	Pass
		Inner_1RB_Right	18.64	/	/	19.13	/	/	<=33	Pass
CP-OFDM QPSK	2515	Edge_1RB_Left	19.96	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	20.03	/	/	20.52	/	/	<=33	Pass
		Outer_Full	20.30	/	/	20.79	/	/	<=33	Pass
		Inner_Full	21.70	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Left	21.41	/	/	21.90	/	/	<=33	Pass
		Inner_1RB_Right	21.03	/	/	21.52	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.12	/	/	20.61	/	/	<=33	Pass
		Edge_1RB_Right	19.74	/	/	20.23	/	/	<=33	Pass
		Outer_Full	20.00	/	/	20.49	/	/	<=33	Pass
		Inner_Full	21.55	/	/	22.04	/	/	<=33	Pass
		Inner_1RB_Left	21.09	/	/	21.58	/	/	<=33	Pass
		Inner_1RB_Right	20.71	/	/	21.20	/	/	<=33	Pass
	2555	Edge_1RB_Left	19.79	/	/	20.28	/	/	<=33	Pass
		Edge_1RB_Right	20.07	/	/	20.56	/	/	<=33	Pass
		Outer_Full	20.11	/	/	20.60	/	/	<=33	Pass
		Inner_Full	21.76	/	/	22.25	/	/	<=33	Pass
		Inner_1RB_Left	21.20	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	21.61	/	/	22.10	/	/	<=33	Pass
CP-OFDM 16 QAM	2515	Edge_1RB_Left	19.80	/	/	20.29	/	/	<=33	Pass
		Edge_1RB_Right	19.81	/	/	20.30	/	/	<=33	Pass
		Outer_Full	20.31	/	/	20.80	/	/	<=33	Pass
		Inner_Full	21.35	/	/	21.84	/	/	<=33	Pass
		Inner_1RB_Left	20.75	/	/	21.24	/	/	<=33	Pass
		Inner_1RB_Right	20.72	/	/	21.21	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.89	/	/	20.38	/	/	<=33	Pass
		Edge_1RB_Right	19.46	/	/	19.95	/	/	<=33	Pass
		Outer_Full	20.05	/	/	20.54	/	/	<=33	Pass
		Inner_Full	21.07	/	/	21.56	/	/	<=33	Pass
		Inner_1RB_Left	20.85	/	/	21.34	/	/	<=33	Pass
		Inner_1RB_Right	20.54	/	/	21.03	/	/	<=33	Pass
	2555	Edge_1RB_Left	19.57	/	/	20.06	/	/	<=33	Pass
		Edge_1RB_Right	19.82	/	/	20.31	/	/	<=33	Pass
		Outer_Full	20.15	/	/	20.64	/	/	<=33	Pass
		Inner_Full	21.12	/	/	21.61	/	/	<=33	Pass
		Inner_1RB_Left	20.51	/	/	21.00	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	21.26	/	/	<=33	Pass
CP-OFDM 64 QAM	2515	Edge_1RB_Left	19.17	/	/	19.66	/	/	<=33	Pass
		Edge_1RB_Right	19.22	/	/	19.71	/	/	<=33	Pass
		Outer_Full	19.84	/	/	20.33	/	/	<=33	Pass
		Inner_Full	19.92	/	/	20.41	/	/	<=33	Pass
		Inner_1RB_Left	19.19	/	/	19.68	/	/	<=33	Pass
		Inner_1RB_Right	19.26	/	/	19.75	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.42	/	/	19.91	/	/	<=33	Pass
		Edge_1RB_Right	18.98	/	/	19.47	/	/	<=33	Pass
		Outer_Full	19.55	/	/	20.04	/	/	<=33	Pass
		Inner_Full	19.63	/	/	20.12	/	/	<=33	Pass
		Inner_1RB_Left	19.40	/	/	19.89	/	/	<=33	Pass
		Inner_1RB_Right	19.01	/	/	19.50	/	/	<=33	Pass
	2555	Edge_1RB_Left	18.96	/	/	19.45	/	/	<=33	Pass

		Edge 1RB Right	19.25	/	/	19.74	/	/	<=33	Pass
		Outer Full	19.66	/	/	20.15	/	/	<=33	Pass
		Inner Full	19.66	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Left	18.96	/	/	19.45	/	/	<=33	Pass
		Inner 1RB Right	19.29	/	/	19.78	/	/	<=33	Pass
CP-OFDM 256 QAM	2515	Edge 1RB Left	16.71	/	/	17.20	/	/	<=33	Pass
		Edge 1RB Right	16.82	/	/	17.31	/	/	<=33	Pass
		Outer Full	16.77	/	/	17.26	/	/	<=33	Pass
		Inner Full	16.85	/	/	17.34	/	/	<=33	Pass
		Inner 1RB Left	16.76	/	/	17.25	/	/	<=33	Pass
	2535	Inner 1RB Right	16.84	/	/	17.33	/	/	<=33	Pass
		Edge 1RB Left	16.88	/	/	17.37	/	/	<=33	Pass
		Edge 1RB Right	16.53	/	/	17.02	/	/	<=33	Pass
		Outer Full	16.50	/	/	16.99	/	/	<=33	Pass
		Inner Full	16.52	/	/	17.01	/	/	<=33	Pass
	2555	Inner 1RB Left	16.91	/	/	17.40	/	/	<=33	Pass
		Inner 1RB Right	16.54	/	/	17.03	/	/	<=33	Pass
		Edge 1RB Left	16.53	/	/	17.02	/	/	<=33	Pass
		Edge 1RB Right	16.81	/	/	17.30	/	/	<=33	Pass
		Outer Full	16.58	/	/	17.07	/	/	<=33	Pass
		Inner Full	16.57	/	/	17.06	/	/	<=33	Pass
		Inner 1RB Left	16.51	/	/	17.00	/	/	<=33	Pass
		Inner 1RB Right	16.82	/	/	17.31	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 15k_SISO_40MHz_NTNV_EIRP

5G NR n7 SCS=15kHz 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	2520	Edge_1RB_Left	22.08	/	/	22.57	/	/	<=33	Pass
		Edge_1RB_Right	21.86	/	/	22.35	/	/	<=33	Pass
		Outer_Full	22.65	/	/	23.14	/	/	<=33	Pass
		Inner_Full	23.25	/	/	23.74	/	/	<=33	Pass
		Inner_1RB_Left	22.57	/	/	23.06	/	/	<=33	Pass
		Inner_1RB_Right	22.41	/	/	22.90	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.52	/	/	23.01	/	/	<=33	Pass
		Edge_1RB_Right	22.04	/	/	22.53	/	/	<=33	Pass
		Outer_Full	22.43	/	/	22.92	/	/	<=33	Pass
		Inner_Full	23.01	/	/	23.50	/	/	<=33	Pass
		Inner_1RB_Left	22.51	/	/	23.00	/	/	<=33	Pass
		Inner_1RB_Right	22.60	/	/	23.09	/	/	<=33	Pass
	2550	Edge_1RB_Left	22.41	/	/	22.90	/	/	<=33	Pass
		Edge_1RB_Right	22.77	/	/	23.26	/	/	<=33	Pass
		Outer_Full	22.66	/	/	23.15	/	/	<=33	Pass
		Inner_Full	23.22	/	/	23.71	/	/	<=33	Pass
		Inner_1RB_Left	22.93	/	/	23.42	/	/	<=33	Pass
		Inner_1RB_Right	23.30	/	/	23.79	/	/	<=33	Pass
DFT-s-OFDM QPSK	2520	Edge_1RB_Left	22.06	/	/	22.55	/	/	<=33	Pass
		Edge_1RB_Right	21.85	/	/	22.34	/	/	<=33	Pass
		Outer_Full	22.08	/	/	22.57	/	/	<=33	Pass
		Inner_Full	23.23	/	/	23.72	/	/	<=33	Pass
		Inner_1RB_Left	22.53	/	/	23.02	/	/	<=33	Pass
		Inner_1RB_Right	22.33	/	/	22.82	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.97	/	/	22.46	/	/	<=33	Pass
		Edge_1RB_Right	22.02	/	/	22.51	/	/	<=33	Pass
	Outer_Full	21.93	/	/	22.42	/	/	<=33	Pass	

		Inner_Full	23.04	/	/	23.53	/	/	<=33	Pass
		Inner_1RB_Left	22.50	/	/	22.99	/	/	<=33	Pass
		Inner_1RB_Right	22.46	/	/	22.95	/	/	<=33	Pass
	2550	Edge_1RB_Left	21.89	/	/	22.38	/	/	<=33	Pass
		Edge_1RB_Right	22.25	/	/	22.74	/	/	<=33	Pass
		Outer_Full	22.15	/	/	22.64	/	/	<=33	Pass
		Inner_Full	23.21	/	/	23.70	/	/	<=33	Pass
		Inner_1RB_Left	22.86	/	/	23.35	/	/	<=33	Pass
		Inner_1RB_Right	23.18	/	/	23.67	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2520	Edge_1RB_Left	20.70	/	/	21.19	/	/	<=33	Pass
		Edge_1RB_Right	20.54	/	/	21.03	/	/	<=33	Pass
		Outer_Full	21.35	/	/	21.84	/	/	<=33	Pass
		Inner_Full	22.22	/	/	22.71	/	/	<=33	Pass
		Inner_1RB_Left	21.67	/	/	22.16	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	22.01	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.83	/	/	21.32	/	/	<=33	Pass
		Edge_1RB_Right	20.52	/	/	21.01	/	/	<=33	Pass
		Outer_Full	21.08	/	/	21.57	/	/	<=33	Pass
		Inner_Full	22.06	/	/	22.55	/	/	<=33	Pass
		Inner_1RB_Left	21.61	/	/	22.10	/	/	<=33	Pass
		Inner_1RB_Right	21.74	/	/	22.23	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.72	/	/	21.21	/	/	<=33	Pass
		Edge_1RB_Right	20.84	/	/	21.33	/	/	<=33	Pass
		Outer_Full	21.25	/	/	21.74	/	/	<=33	Pass
		Inner_Full	22.24	/	/	22.73	/	/	<=33	Pass
		Inner_1RB_Left	21.62	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Right	21.99	/	/	22.48	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2520	Edge_1RB_Left	20.30	/	/	20.79	/	/	<=33	Pass
		Edge_1RB_Right	20.17	/	/	20.66	/	/	<=33	Pass
		Outer_Full	20.81	/	/	21.30	/	/	<=33	Pass
		Inner_Full	20.87	/	/	21.36	/	/	<=33	Pass
		Inner_1RB_Left	20.36	/	/	20.85	/	/	<=33	Pass
		Inner_1RB_Right	20.20	/	/	20.69	/	/	<=33	Pass
	2535	Edge_1RB_Left	20.42	/	/	20.91	/	/	<=33	Pass
		Edge_1RB_Right	20.16	/	/	20.65	/	/	<=33	Pass
		Outer_Full	20.58	/	/	21.07	/	/	<=33	Pass
		Inner_Full	20.63	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Left	20.43	/	/	20.92	/	/	<=33	Pass
		Inner_1RB_Right	20.13	/	/	20.62	/	/	<=33	Pass
	2550	Edge_1RB_Left	20.28	/	/	20.77	/	/	<=33	Pass
		Edge_1RB_Right	20.50	/	/	20.99	/	/	<=33	Pass
		Outer_Full	20.73	/	/	21.22	/	/	<=33	Pass
		Inner_Full	20.69	/	/	21.18	/	/	<=33	Pass
		Inner_1RB_Left	20.37	/	/	20.86	/	/	<=33	Pass
		Inner_1RB_Right	20.43	/	/	20.92	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2520	Edge_1RB_Left	18.53	/	/	19.02	/	/	<=33	Pass
		Edge_1RB_Right	18.33	/	/	18.82	/	/	<=33	Pass
		Outer_Full	18.80	/	/	19.29	/	/	<=33	Pass
		Inner_Full	18.88	/	/	19.37	/	/	<=33	Pass
		Inner_1RB_Left	18.57	/	/	19.06	/	/	<=33	Pass
		Inner_1RB_Right	18.34	/	/	18.83	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.60	/	/	19.09	/	/	<=33	Pass
		Edge_1RB_Right	18.36	/	/	18.85	/	/	<=33	Pass
		Outer_Full	18.55	/	/	19.04	/	/	<=33	Pass
		Inner_Full	18.60	/	/	19.09	/	/	<=33	Pass
		Inner_1RB_Left	18.61	/	/	19.10	/	/	<=33	Pass
		Inner_1RB_Right	18.30	/	/	18.79	/	/	<=33	Pass
	2550	Edge_1RB_Left	18.54	/	/	19.03	/	/	<=33	Pass
		Edge_1RB_Right	18.68	/	/	19.17	/	/	<=33	Pass

		Outer_Full	18.68	/	/	19.17	/	/	<=33	Pass
		Inner_Full	18.63	/	/	19.12	/	/	<=33	Pass
		Inner_1RB_Left	18.52	/	/	19.01	/	/	<=33	Pass
		Inner_1RB_Right	18.73	/	/	19.22	/	/	<=33	Pass
CP-OFDM QPSK	2520	Edge_1RB_Left	20.00	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Right	19.83	/	/	20.32	/	/	<=33	Pass
		Outer_Full	20.31	/	/	20.80	/	/	<=33	Pass
		Inner_Full	21.70	/	/	22.19	/	/	<=33	Pass
		Inner_1RB_Left	21.46	/	/	21.95	/	/	<=33	Pass
		Inner_1RB_Right	21.43	/	/	21.92	/	/	<=33	Pass
		Edge_1RB_Left	20.10	/	/	20.59	/	/	<=33	Pass
		Edge_1RB_Right	19.78	/	/	20.27	/	/	<=33	Pass
	2535	Outer_Full	20.01	/	/	20.50	/	/	<=33	Pass
		Inner_Full	21.47	/	/	21.96	/	/	<=33	Pass
		Inner_1RB_Left	21.40	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Right	21.01	/	/	21.50	/	/	<=33	Pass
		Edge_1RB_Left	19.96	/	/	20.45	/	/	<=33	Pass
		Edge_1RB_Right	20.06	/	/	20.55	/	/	<=33	Pass
	2550	Outer_Full	20.20	/	/	20.69	/	/	<=33	Pass
		Inner_Full	21.66	/	/	22.15	/	/	<=33	Pass
		Inner_1RB_Left	21.43	/	/	21.92	/	/	<=33	Pass
		Inner_1RB_Right	21.78	/	/	22.27	/	/	<=33	Pass
CP-OFDM 16 QAM	2520	Edge_1RB_Left	19.83	/	/	20.32	/	/	<=33	Pass
		Edge_1RB_Right	19.57	/	/	20.06	/	/	<=33	Pass
		Outer_Full	20.32	/	/	20.81	/	/	<=33	Pass
		Inner_Full	21.40	/	/	21.89	/	/	<=33	Pass
		Inner_1RB_Left	20.77	/	/	21.26	/	/	<=33	Pass
		Inner_1RB_Right	20.61	/	/	21.10	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.87	/	/	20.36	/	/	<=33	Pass
		Edge_1RB_Right	19.56	/	/	20.05	/	/	<=33	Pass
		Outer_Full	20.07	/	/	20.56	/	/	<=33	Pass
		Inner_Full	21.10	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Left	20.84	/	/	21.33	/	/	<=33	Pass
		Inner_1RB_Right	20.56	/	/	21.05	/	/	<=33	Pass
	2550	Edge_1RB_Left	19.76	/	/	20.25	/	/	<=33	Pass
		Edge_1RB_Right	20.36	/	/	20.85	/	/	<=33	Pass
		Outer_Full	20.25	/	/	20.74	/	/	<=33	Pass
		Inner_Full	21.14	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Left	21.19	/	/	21.68	/	/	<=33	Pass
		Inner_1RB_Right	20.90	/	/	21.39	/	/	<=33	Pass
CP-OFDM 64 QAM	2520	Edge_1RB_Left	19.29	/	/	19.78	/	/	<=33	Pass
		Edge_1RB_Right	19.01	/	/	19.50	/	/	<=33	Pass
		Outer_Full	19.85	/	/	20.34	/	/	<=33	Pass
		Inner_Full	19.91	/	/	20.40	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Right	19.07	/	/	19.56	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.28	/	/	19.77	/	/	<=33	Pass
		Edge_1RB_Right	19.06	/	/	19.55	/	/	<=33	Pass
		Outer_Full	19.56	/	/	20.05	/	/	<=33	Pass
		Inner_Full	19.65	/	/	20.14	/	/	<=33	Pass
		Inner_1RB_Left	19.33	/	/	19.82	/	/	<=33	Pass
		Inner_1RB_Right	19.07	/	/	19.56	/	/	<=33	Pass
	2550	Edge_1RB_Left	19.25	/	/	19.74	/	/	<=33	Pass
		Edge_1RB_Right	19.28	/	/	19.77	/	/	<=33	Pass
		Outer_Full	19.77	/	/	20.26	/	/	<=33	Pass
		Inner_Full	19.67	/	/	20.16	/	/	<=33	Pass
		Inner_1RB_Left	19.67	/	/	20.16	/	/	<=33	Pass
		Inner_1RB_Right	19.80	/	/	20.29	/	/	<=33	Pass
CP-OFDM 256 QAM	2520	Edge_1RB_Left	16.76	/	/	17.25	/	/	<=33	Pass

		Edge 1RB Right	16.57	/	/	17.06	/	/	<=33	Pass
		Outer Full	16.81	/	/	17.30	/	/	<=33	Pass
		Inner Full	16.90	/	/	17.39	/	/	<=33	Pass
		Inner 1RB Left	16.81	/	/	17.30	/	/	<=33	Pass
		Inner 1RB Right	16.56	/	/	17.05	/	/	<=33	Pass
	2535	Edge 1RB Left	16.86	/	/	17.35	/	/	<=33	Pass
		Edge 1RB Right	16.57	/	/	17.06	/	/	<=33	Pass
		Outer Full	16.54	/	/	17.03	/	/	<=33	Pass
		Inner Full	16.59	/	/	17.08	/	/	<=33	Pass
		Inner 1RB Left	16.87	/	/	17.36	/	/	<=33	Pass
	2550	Inner 1RB Right	16.54	/	/	17.03	/	/	<=33	Pass
		Edge 1RB Left	16.70	/	/	17.19	/	/	<=33	Pass
		Edge 1RB Right	16.93	/	/	17.42	/	/	<=33	Pass
		Outer Full	16.67	/	/	17.16	/	/	<=33	Pass
		Inner Full	16.64	/	/	17.13	/	/	<=33	Pass
		Inner 1RB Left	16.73	/	/	17.22	/	/	<=33	Pass
		Inner 1RB Right	16.92	/	/	17.41	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 15k_SISO_50MHz_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 50MHz 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	2525	Edge 1RB Left	22.04	/	/	22.53	/	/	<=33	Pass
		Edge 1RB Right	21.92	/	/	22.41	/	/	<=33	Pass
		Outer_Full	22.47	/	/	22.96	/	/	<=33	Pass
		Inner_Full	23.12	/	/	23.61	/	/	<=33	Pass
		Inner 1RB Left	22.52	/	/	23.01	/	/	<=33	Pass
		Inner 1RB Right	22.38	/	/	22.87	/	/	<=33	Pass
	2535	Edge 1RB Left	21.96	/	/	22.45	/	/	<=33	Pass
		Edge 1RB Right	22.15	/	/	22.64	/	/	<=33	Pass
		Outer_Full	22.35	/	/	22.84	/	/	<=33	Pass
		Inner_Full	23.01	/	/	23.50	/	/	<=33	Pass
		Inner 1RB Left	22.52	/	/	23.01	/	/	<=33	Pass
		Inner 1RB Right	22.63	/	/	23.12	/	/	<=33	Pass
	2545	Edge 1RB Left	22.00	/	/	22.49	/	/	<=33	Pass
		Edge 1RB Right	22.24	/	/	22.73	/	/	<=33	Pass
		Outer_Full	22.54	/	/	23.03	/	/	<=33	Pass
		Inner_Full	23.05	/	/	23.54	/	/	<=33	Pass
		Inner 1RB Left	22.51	/	/	23.00	/	/	<=33	Pass
		Inner 1RB Right	22.71	/	/	23.20	/	/	<=33	Pass
DFT-s-OFDM QPSK	2525	Edge 1RB Left	21.48	/	/	21.97	/	/	<=33	Pass
		Edge 1RB Right	21.36	/	/	21.85	/	/	<=33	Pass
		Outer_Full	21.96	/	/	22.45	/	/	<=33	Pass
		Inner_Full	23.15	/	/	23.64	/	/	<=33	Pass
		Inner 1RB Left	22.46	/	/	22.95	/	/	<=33	Pass
		Inner 1RB Right	22.35	/	/	22.84	/	/	<=33	Pass
	2535	Edge 1RB Left	21.48	/	/	21.97	/	/	<=33	Pass
		Edge 1RB Right	21.62	/	/	22.11	/	/	<=33	Pass
		Outer_Full	21.89	/	/	22.38	/	/	<=33	Pass
		Inner_Full	23.06	/	/	23.55	/	/	<=33	Pass
		Inner 1RB Left	22.43	/	/	22.92	/	/	<=33	Pass
		Inner 1RB Right	22.56	/	/	23.05	/	/	<=33	Pass
	2545	Edge 1RB Left	21.43	/	/	21.92	/	/	<=33	Pass
		Edge 1RB Right	21.64	/	/	22.13	/	/	<=33	Pass
		Outer_Full	22.04	/	/	22.53	/	/	<=33	Pass

		Inner_Full	23.05	/	/	23.54	/	/	<=33	Pass
		Inner_1RB_Left	22.40	/	/	22.89	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	23.15	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2525	Edge_1RB_Left	20.64	/	/	21.13	/	/	<=33	Pass
		Edge_1RB_Right	20.39	/	/	20.88	/	/	<=33	Pass
		Outer_Full	21.15	/	/	21.64	/	/	<=33	Pass
		Inner_Full	22.11	/	/	22.60	/	/	<=33	Pass
		Inner_1RB_Left	21.64	/	/	22.13	/	/	<=33	Pass
		Inner_1RB_Right	21.52	/	/	22.01	/	/	<=33	Pass
		Edge_1RB_Left	20.73	/	/	21.22	/	/	<=33	Pass
	2535	Edge_1RB_Right	20.54	/	/	21.03	/	/	<=33	Pass
		Outer_Full	21.10	/	/	21.59	/	/	<=33	Pass
		Inner_Full	22.06	/	/	22.55	/	/	<=33	Pass
		Inner_1RB_Left	21.63	/	/	22.12	/	/	<=33	Pass
		Inner_1RB_Right	21.82	/	/	22.31	/	/	<=33	Pass
	2545	Edge_1RB_Left	20.80	/	/	21.29	/	/	<=33	Pass
		Edge_1RB_Right	20.71	/	/	21.20	/	/	<=33	Pass
		Outer_Full	21.23	/	/	21.72	/	/	<=33	Pass
		Inner_Full	22.10	/	/	22.59	/	/	<=33	Pass
		Inner_1RB_Left	21.51	/	/	22.00	/	/	<=33	Pass
		Inner_1RB_Right	21.81	/	/	22.30	/	/	<=33	Pass
		Edge_1RB_Left	20.26	/	/	20.75	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2525	Edge_1RB_Right	19.97	/	/	20.46	/	/	<=33	Pass
		Outer_Full	20.63	/	/	21.12	/	/	<=33	Pass
		Inner_Full	20.79	/	/	21.28	/	/	<=33	Pass
		Inner_1RB_Left	20.26	/	/	20.75	/	/	<=33	Pass
		Inner_1RB_Right	20.00	/	/	20.49	/	/	<=33	Pass
		Edge_1RB_Left	20.29	/	/	20.78	/	/	<=33	Pass
	2535	Edge_1RB_Right	20.20	/	/	20.69	/	/	<=33	Pass
		Outer_Full	20.59	/	/	21.08	/	/	<=33	Pass
		Inner_Full	20.63	/	/	21.12	/	/	<=33	Pass
		Inner_1RB_Left	20.32	/	/	20.81	/	/	<=33	Pass
		Inner_1RB_Right	20.24	/	/	20.73	/	/	<=33	Pass
	2545	Edge_1RB_Left	20.26	/	/	20.75	/	/	<=33	Pass
		Edge_1RB_Right	20.32	/	/	20.81	/	/	<=33	Pass
		Outer_Full	20.72	/	/	21.21	/	/	<=33	Pass
		Inner_Full	20.59	/	/	21.08	/	/	<=33	Pass
		Inner_1RB_Left	20.24	/	/	20.73	/	/	<=33	Pass
		Inner_1RB_Right	20.32	/	/	20.81	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2525	Edge_1RB_Left	18.43	/	/	18.92	/	/	<=33	Pass
		Edge_1RB_Right	18.17	/	/	18.66	/	/	<=33	Pass
		Outer_Full	18.57	/	/	19.06	/	/	<=33	Pass
		Inner_Full	18.77	/	/	19.26	/	/	<=33	Pass
		Inner_1RB_Left	18.46	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Right	18.20	/	/	18.69	/	/	<=33	Pass
	2535	Edge_1RB_Left	18.46	/	/	18.95	/	/	<=33	Pass
		Edge_1RB_Right	18.42	/	/	18.91	/	/	<=33	Pass
		Outer_Full	18.44	/	/	18.93	/	/	<=33	Pass
		Inner_Full	18.58	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Left	18.53	/	/	19.02	/	/	<=33	Pass
		Inner_1RB_Right	18.44	/	/	18.93	/	/	<=33	Pass
	2545	Edge_1RB_Left	18.61	/	/	19.10	/	/	<=33	Pass
		Edge_1RB_Right	18.52	/	/	19.01	/	/	<=33	Pass
		Outer_Full	18.57	/	/	19.06	/	/	<=33	Pass
		Inner_Full	18.51	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Left	18.58	/	/	19.07	/	/	<=33	Pass
		Inner_1RB_Right	18.55	/	/	19.04	/	/	<=33	Pass
CP-OFDM QPSK	2525	Edge_1RB_Left	20.10	/	/	20.59	/	/	<=33	Pass
		Edge_1RB_Right	20.92	/	/	21.41	/	/	<=33	Pass

		Outer_Full	20.10	/	/	20.59	/	/	<=33	Pass
		Inner_Full	21.62	/	/	22.11	/	/	<=33	Pass
		Inner_1RB_Left	21.10	/	/	21.59	/	/	<=33	Pass
		Inner_1RB_Right	20.94	/	/	21.43	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.50	/	/	19.99	/	/	<=33	Pass
		Edge_1RB_Right	20.95	/	/	21.44	/	/	<=33	Pass
		Outer_Full	19.96	/	/	20.45	/	/	<=33	Pass
		Inner_Full	21.52	/	/	22.01	/	/	<=33	Pass
		Inner_1RB_Left	21.14	/	/	21.63	/	/	<=33	Pass
		Inner_1RB_Right	20.93	/	/	21.42	/	/	<=33	Pass
	2545	Edge_1RB_Left	19.76	/	/	20.25	/	/	<=33	Pass
		Edge_1RB_Right	21.25	/	/	21.74	/	/	<=33	Pass
		Outer_Full	19.99	/	/	20.48	/	/	<=33	Pass
		Inner_Full	21.56	/	/	22.05	/	/	<=33	Pass
		Inner_1RB_Left	21.20	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Right	21.17	/	/	21.66	/	/	<=33	Pass
CP-OFDM 16 QAM	2525	Edge_1RB_Left	19.77	/	/	20.26	/	/	<=33	Pass
		Edge_1RB_Right	20.45	/	/	20.94	/	/	<=33	Pass
		Outer_Full	20.21	/	/	20.70	/	/	<=33	Pass
		Inner_Full	21.37	/	/	21.86	/	/	<=33	Pass
		Inner_1RB_Left	20.70	/	/	21.19	/	/	<=33	Pass
		Inner_1RB_Right	20.50	/	/	20.99	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.78	/	/	20.27	/	/	<=33	Pass
		Edge_1RB_Right	20.49	/	/	20.98	/	/	<=33	Pass
		Outer_Full	20.08	/	/	20.57	/	/	<=33	Pass
		Inner_Full	21.20	/	/	21.69	/	/	<=33	Pass
		Inner_1RB_Left	20.73	/	/	21.22	/	/	<=33	Pass
		Inner_1RB_Right	20.48	/	/	20.97	/	/	<=33	Pass
	2545	Edge_1RB_Left	19.84	/	/	20.33	/	/	<=33	Pass
		Edge_1RB_Right	20.79	/	/	21.28	/	/	<=33	Pass
		Outer_Full	20.14	/	/	20.63	/	/	<=33	Pass
		Inner_Full	21.11	/	/	21.60	/	/	<=33	Pass
		Inner_1RB_Left	20.81	/	/	21.30	/	/	<=33	Pass
		Inner_1RB_Right	20.77	/	/	21.26	/	/	<=33	Pass
CP-OFDM 64 QAM	2525	Edge_1RB_Left	19.11	/	/	19.60	/	/	<=33	Pass
		Edge_1RB_Right	18.94	/	/	19.43	/	/	<=33	Pass
		Outer_Full	19.70	/	/	20.19	/	/	<=33	Pass
		Inner_Full	19.82	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Left	19.17	/	/	19.66	/	/	<=33	Pass
		Inner_1RB_Right	18.85	/	/	19.34	/	/	<=33	Pass
	2535	Edge_1RB_Left	19.23	/	/	19.72	/	/	<=33	Pass
		Edge_1RB_Right	19.04	/	/	19.53	/	/	<=33	Pass
		Outer_Full	19.55	/	/	20.04	/	/	<=33	Pass
		Inner_Full	19.68	/	/	20.17	/	/	<=33	Pass
		Inner_1RB_Left	19.24	/	/	19.73	/	/	<=33	Pass
		Inner_1RB_Right	19.02	/	/	19.51	/	/	<=33	Pass
	2545	Edge_1RB_Left	19.31	/	/	19.80	/	/	<=33	Pass
		Edge_1RB_Right	19.26	/	/	19.75	/	/	<=33	Pass
		Outer_Full	19.65	/	/	20.14	/	/	<=33	Pass
		Inner_Full	19.57	/	/	20.06	/	/	<=33	Pass
		Inner_1RB_Left	19.31	/	/	19.80	/	/	<=33	Pass
		Inner_1RB_Right	19.25	/	/	19.74	/	/	<=33	Pass
CP-OFDM 256 QAM	2525	Edge_1RB_Left	16.64	/	/	17.13	/	/	<=33	Pass
		Edge_1RB_Right	16.43	/	/	16.92	/	/	<=33	Pass
		Outer_Full	16.62	/	/	17.11	/	/	<=33	Pass
		Inner_Full	16.81	/	/	17.30	/	/	<=33	Pass
		Inner_1RB_Left	16.64	/	/	17.13	/	/	<=33	Pass
		Inner_1RB_Right	16.40	/	/	16.89	/	/	<=33	Pass
	2535	Edge_1RB_Left	16.72	/	/	17.21	/	/	<=33	Pass

		Edge 1RB Right	16.54	/	/	17.03	/	/	<=33	Pass
		Outer Full	16.45	/	/	16.94	/	/	<=33	Pass
		Inner Full	16.65	/	/	17.14	/	/	<=33	Pass
		Inner 1RB Left	16.68	/	/	17.17	/	/	<=33	Pass
		Inner 1RB Right	16.60	/	/	17.09	/	/	<=33	Pass
	2545	Edge 1RB Left	16.74	/	/	17.23	/	/	<=33	Pass
		Edge 1RB Right	16.79	/	/	17.28	/	/	<=33	Pass
		Outer Full	16.51	/	/	17.00	/	/	<=33	Pass
		Inner Full	16.51	/	/	17.00	/	/	<=33	Pass
		Inner 1RB Left	16.81	/	/	17.30	/	/	<=33	Pass
		Inner 1RB Right	16.78	/	/	17.27	/	/	<=33	Pass
Note1: Antenna Gain: Ant31: 0.49dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_50MHz

5G NR n7 SCS=15kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	20	LV	-8.50	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-5.30	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-4.40	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	1.30	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-6.90	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-5.80	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0015	>=-2.5 & <=2.5	Pass
			30	NV	-2.20	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	1.60	0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-3.30	-0.0013	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n7 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	4.54	5.01	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	4.55	4.98	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	4.54	4.95	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	4.57	5.00	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	4.53	4.98	/	Pass
CP-OFDM QPSK	2535	Outer_Full	4.52	4.96	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	4.53	4.99	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	4.52	5.01	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	4.52	5.03	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n7 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	9.10	9.77	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	9.03	9.66	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	9.02	9.71	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	9.05	9.76	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	9.02	9.69	/	Pass
CP-OFDM QPSK	2535	Outer_Full	9.35	10.08	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	9.37	10.10	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	9.37	10.08	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	9.38	10.05	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

5G NR n7 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	13.59	14.54	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	13.55	14.57	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	13.55	14.61	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	13.57	14.61	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	13.54	14.55	/	Pass
CP-OFDM QPSK	2535	Outer_Full	14.22	15.24	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	14.28	15.30	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	14.26	15.32	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	14.26	15.24	/	Pass

3.1.4 15k_SISO_20MHz_NTNV

5G NR n7 SCS=15kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	18.12	19.40	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	18.06	19.37	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	18.03	19.37	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	18.07	19.39	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	18.05	19.36	/	Pass
CP-OFDM QPSK	2535	Outer_Full	19.09	20.47	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	19.08	20.50	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	19.17	20.45	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	19.06	20.46	/	Pass

3.1.5 15k_SISO_25MHz_NTNV

5G NR n7 SCS=15kHz SISO 25MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	23.14	24.72	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	23.07	24.68	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	23.04	24.69	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	23.08	24.76	/	Pass

DFT-s-OFDM 256 QAM	2535	Outer_Full	23.03	24.67	/	Pass
CP-OFDM QPSK	2535	Outer_Full	23.99	25.62	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	23.99	25.61	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	23.99	25.63	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	23.89	25.62	/	Pass

3.1.6 15k_SISO_30MHz_NTNV

5G NR n7 SCS=15kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	28.87	30.86	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	28.78	30.86	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	28.75	30.84	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	28.86	30.87	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	28.76	30.75	/	Pass
CP-OFDM QPSK	2535	Outer_Full	28.86	30.84	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	28.73	30.77	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	28.75	30.85	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	28.74	30.82	/	Pass

3.1.7 15k_SISO_40MHz_NTNV

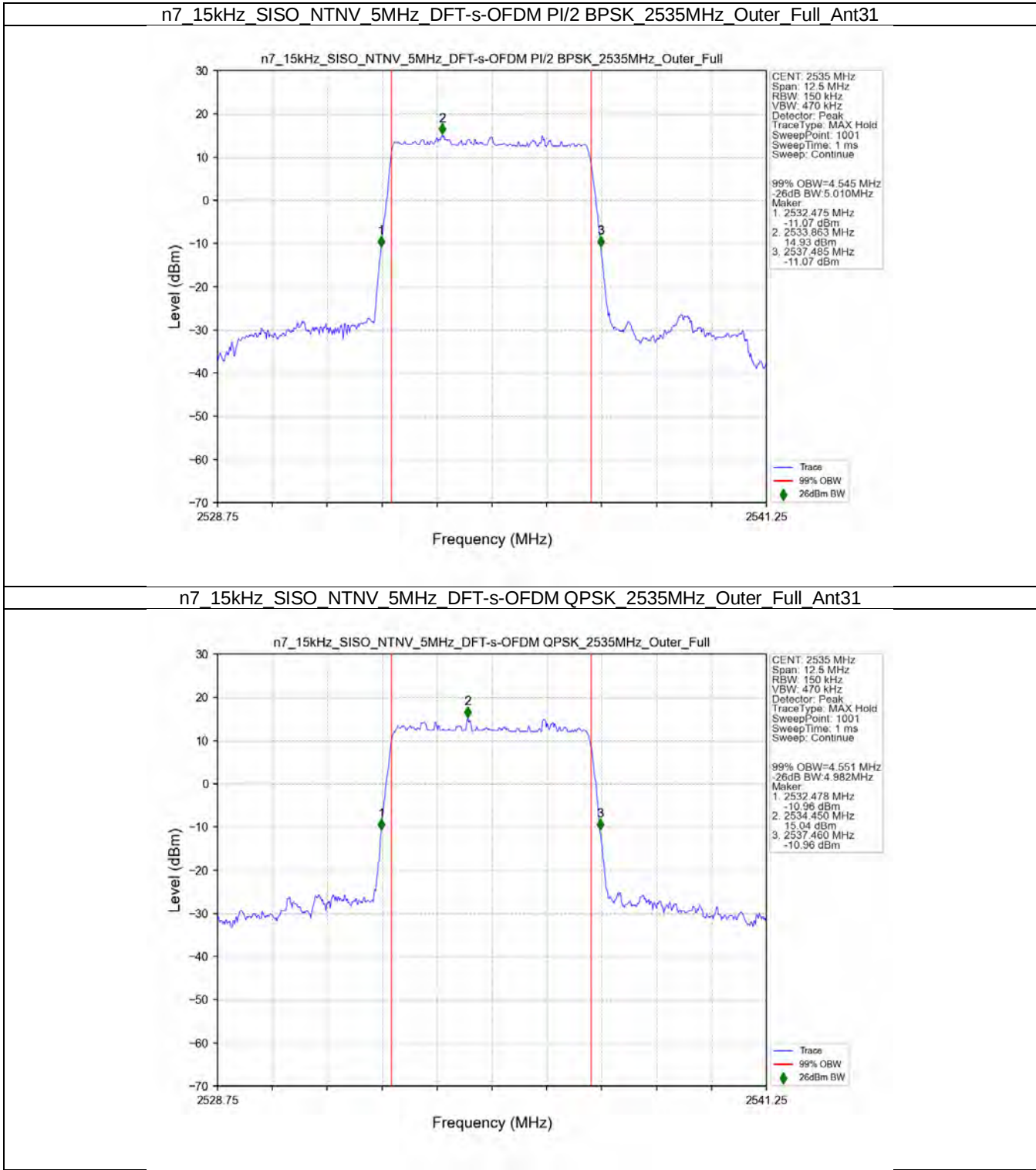
5G NR n7 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	38.88	41.53	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	38.93	41.54	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	38.80	41.59	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	38.86	41.52	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	38.90	41.43	/	Pass
CP-OFDM QPSK	2535	Outer_Full	38.87	41.47	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	38.79	41.48	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	38.81	41.57	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	38.82	41.51	/	Pass

3.1.8 15k_SISO_50MHz_NTNV

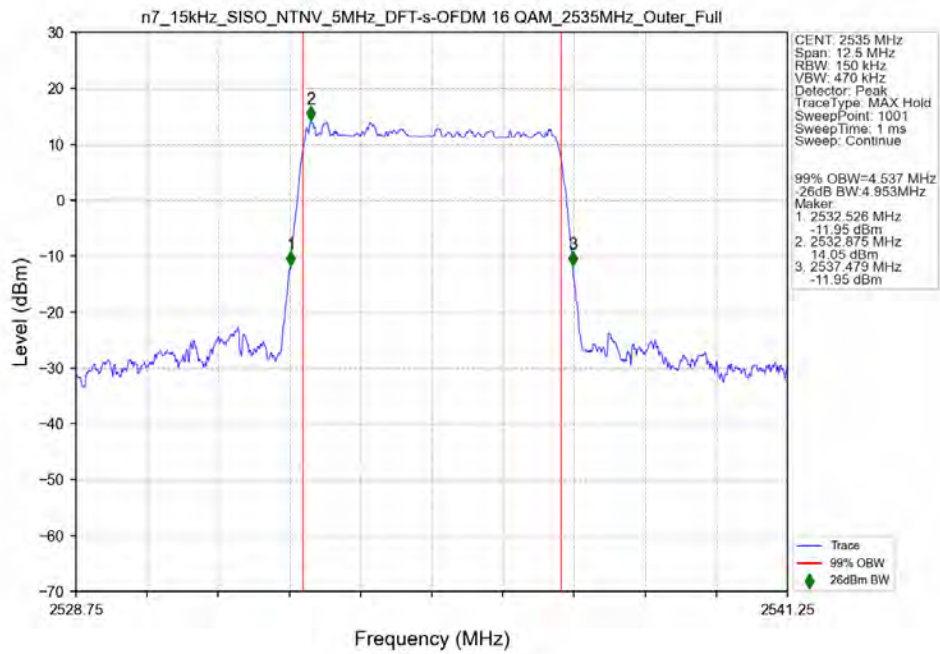
5G NR n7 SCS=15kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	48.71	51.91	/	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	48.62	51.92	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	48.50	51.81	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	48.59	51.87	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	48.69	51.87	/	Pass
CP-OFDM QPSK	2535	Outer_Full	43.59	46.85	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	43.64	46.80	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	43.61	46.83	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	43.54	46.82	/	Pass

3.2 Test Graph

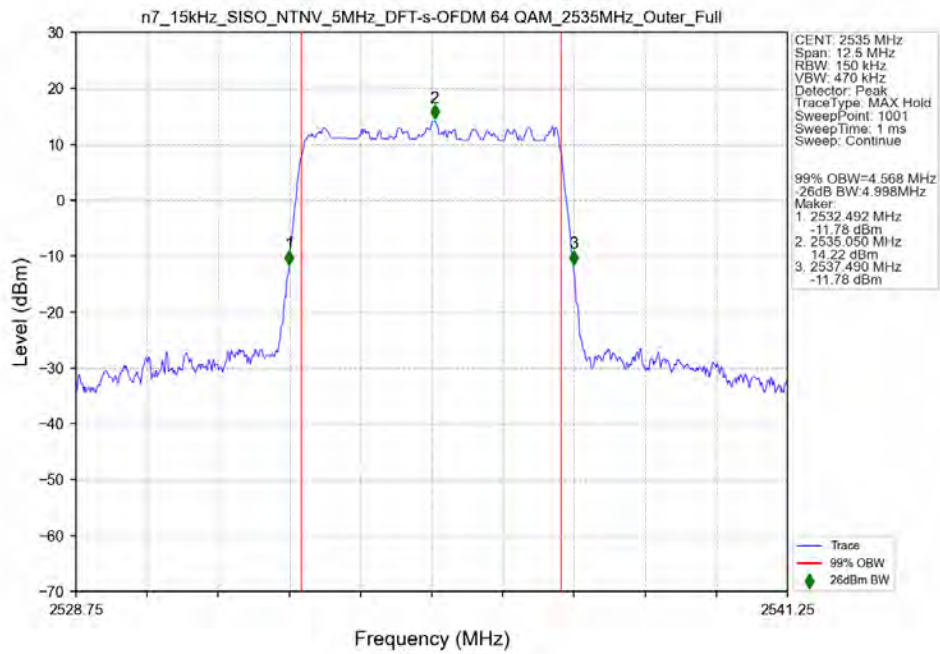
3.2.1 15k_SISO_5MHz_NTNV



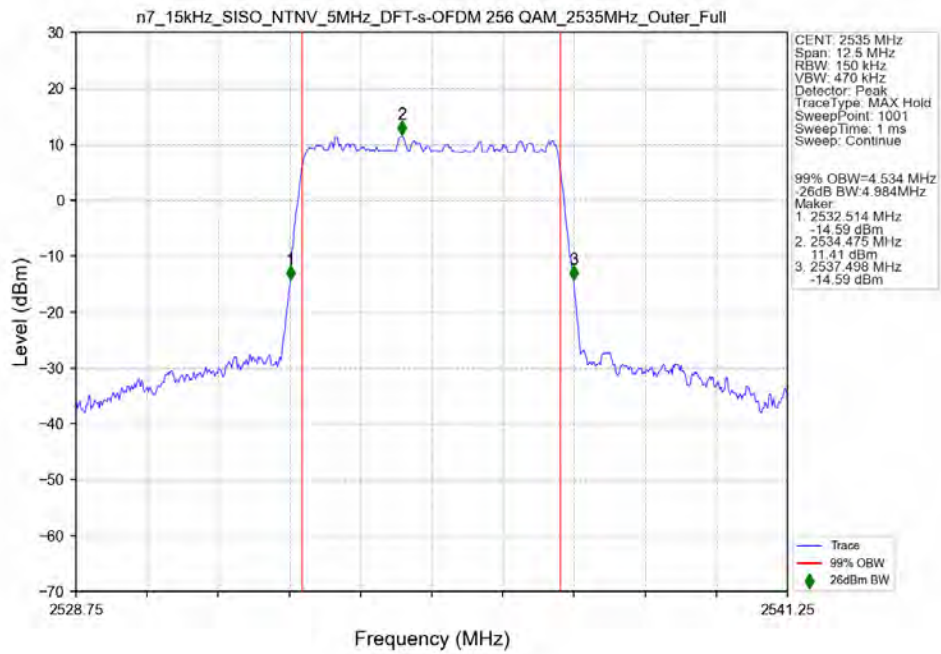
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 16 QAM_2535MHz_Outer_Full_Ant31



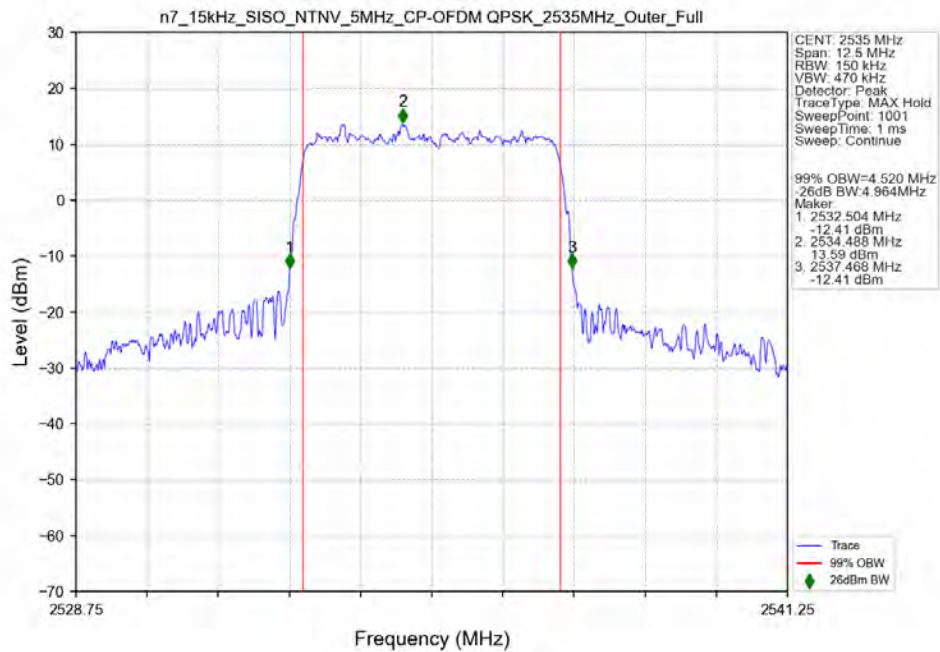
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant31



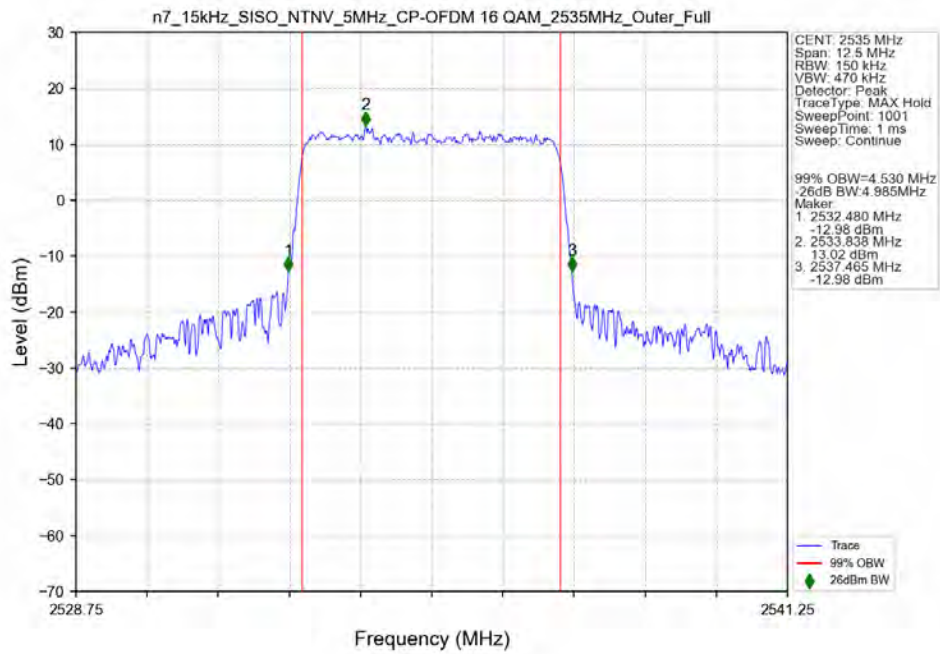
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_2535MHz_Outer_Full_Ant31



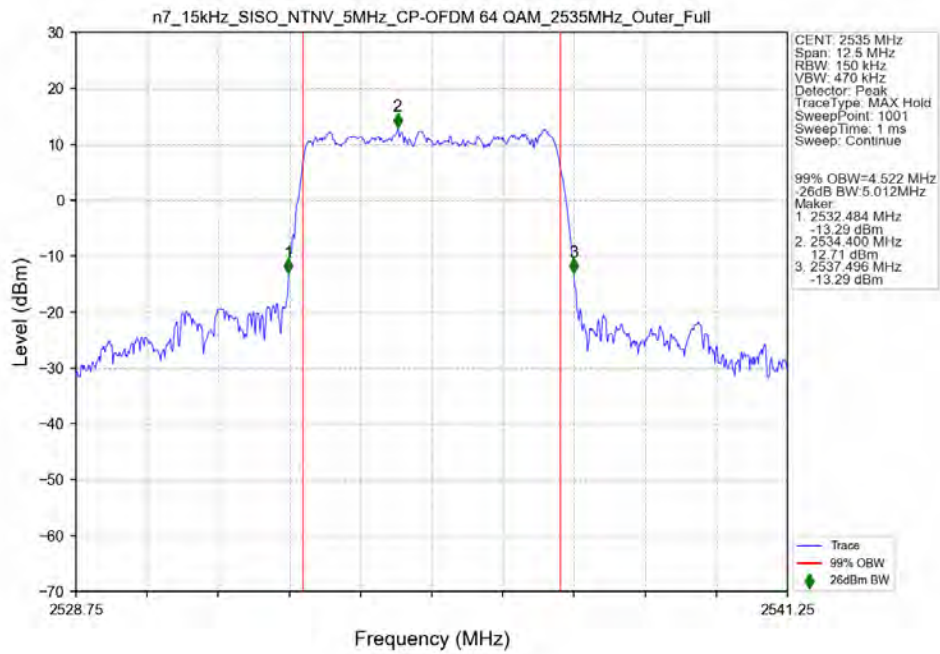
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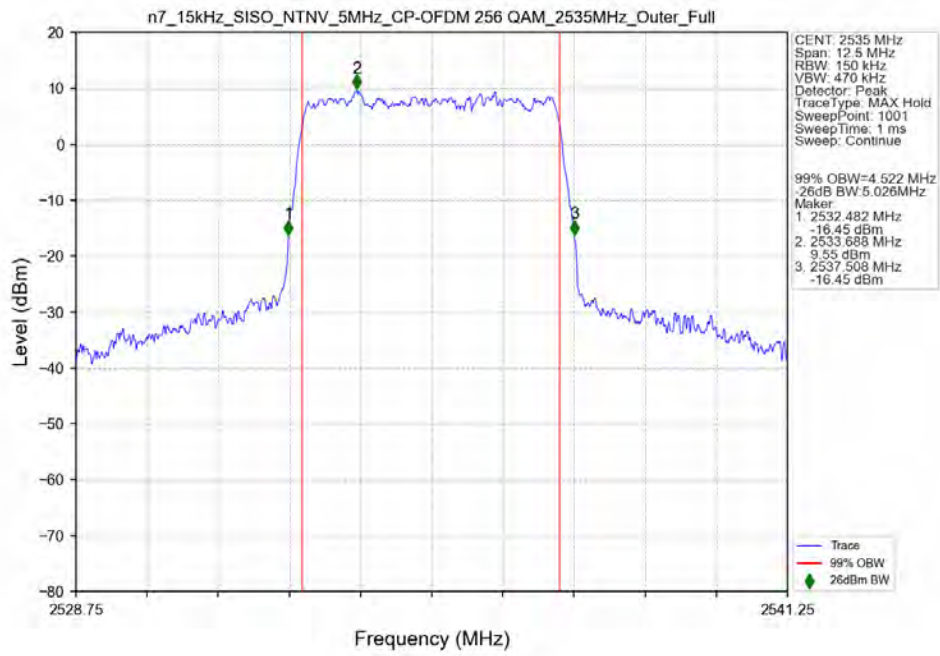
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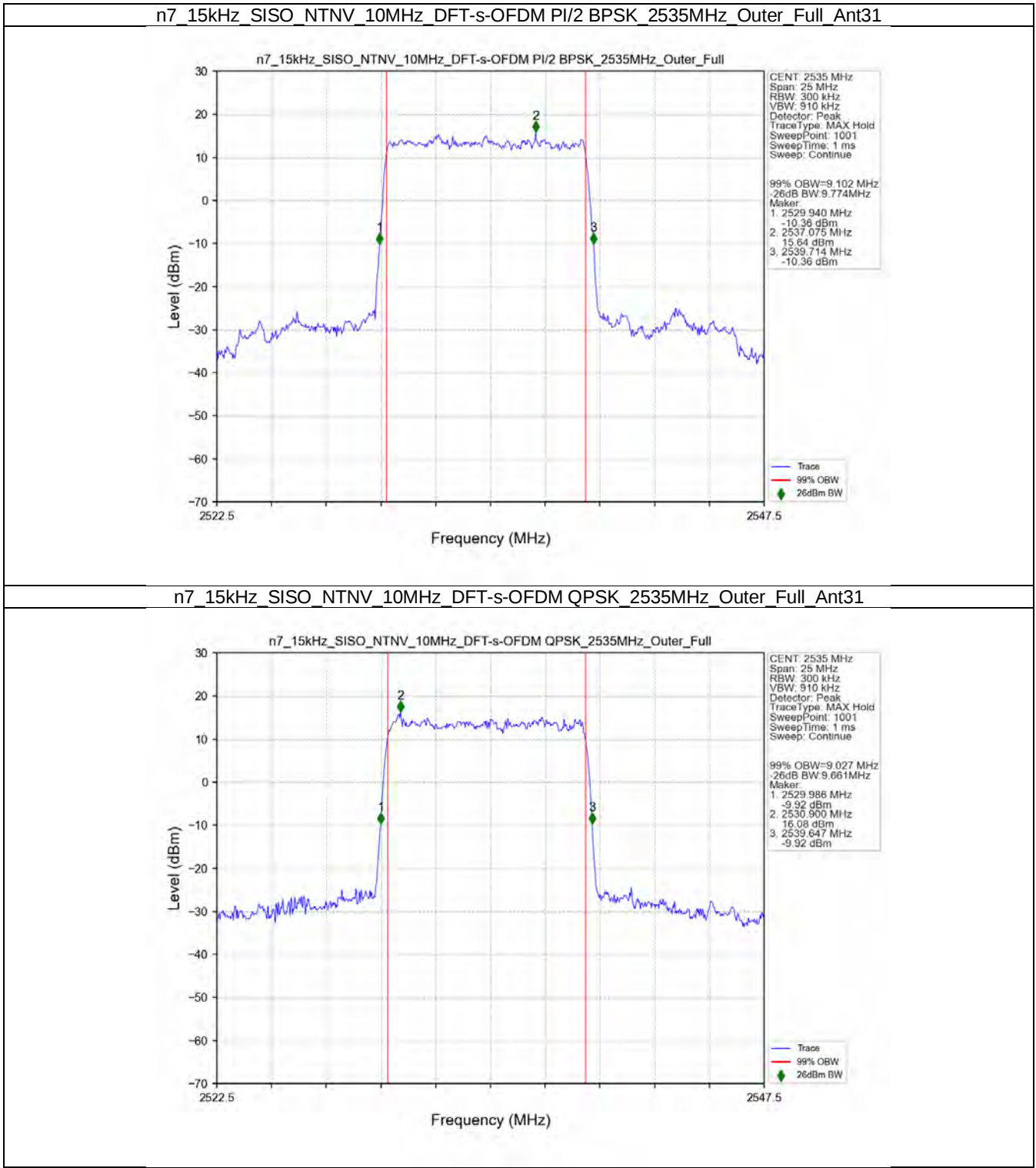
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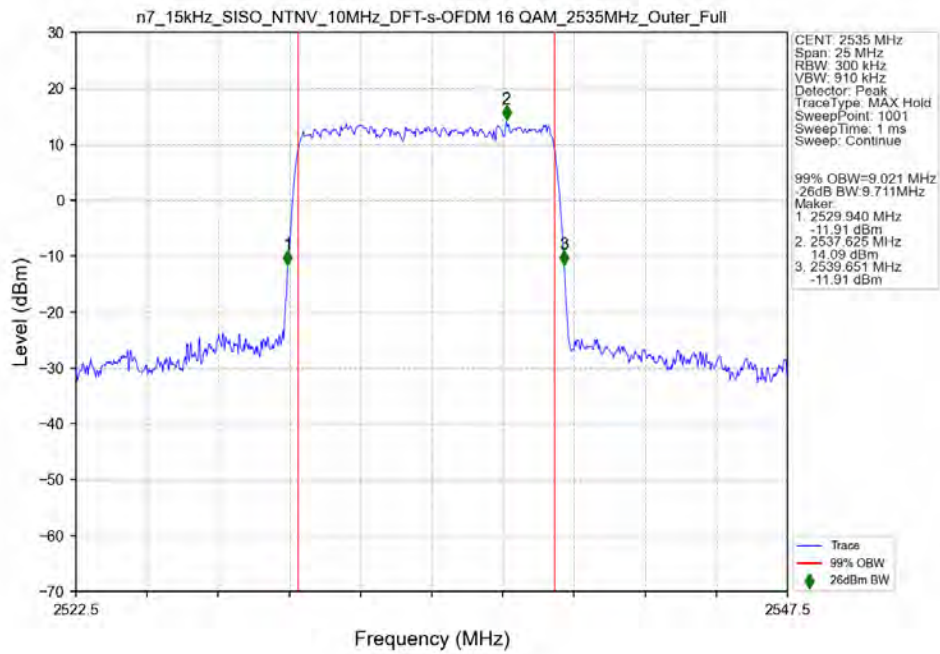
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_2535MHz_Outer_Full_Ant31



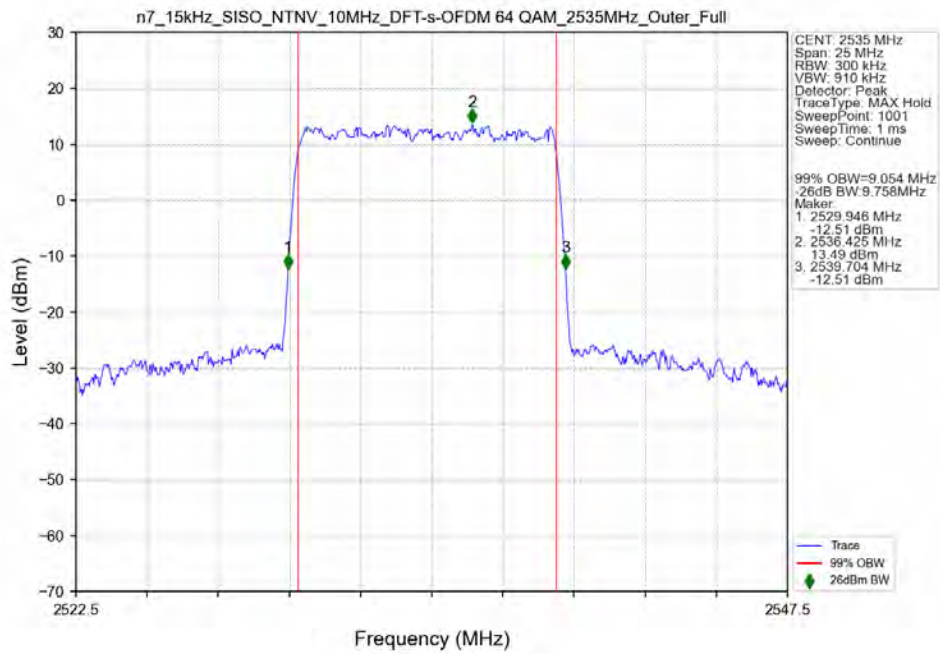
3.2.2 15k_SISO_10MHz_NTNV



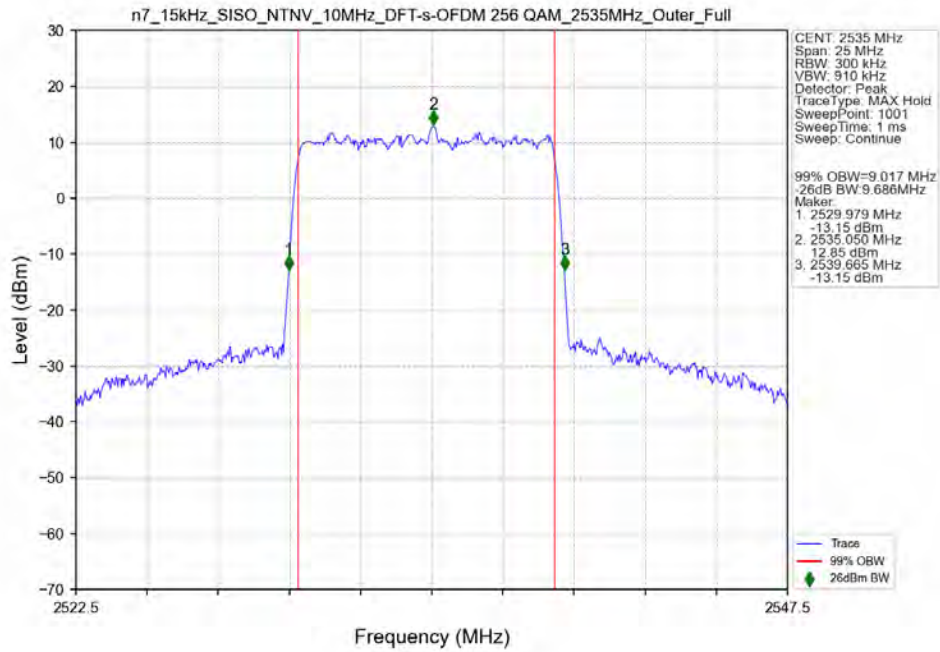
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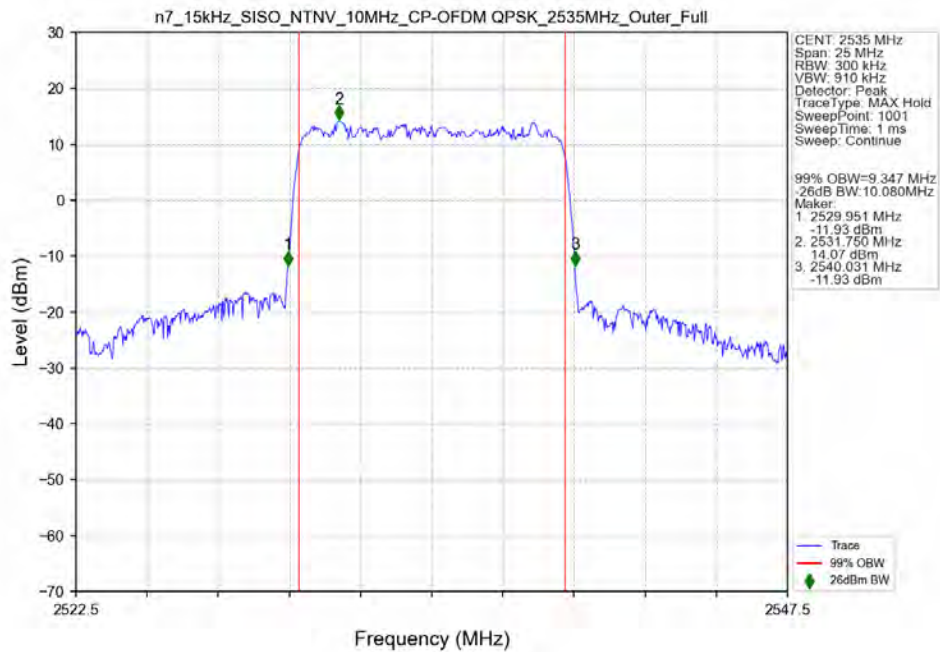
n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2535MHz_Outer_Full_Ant31



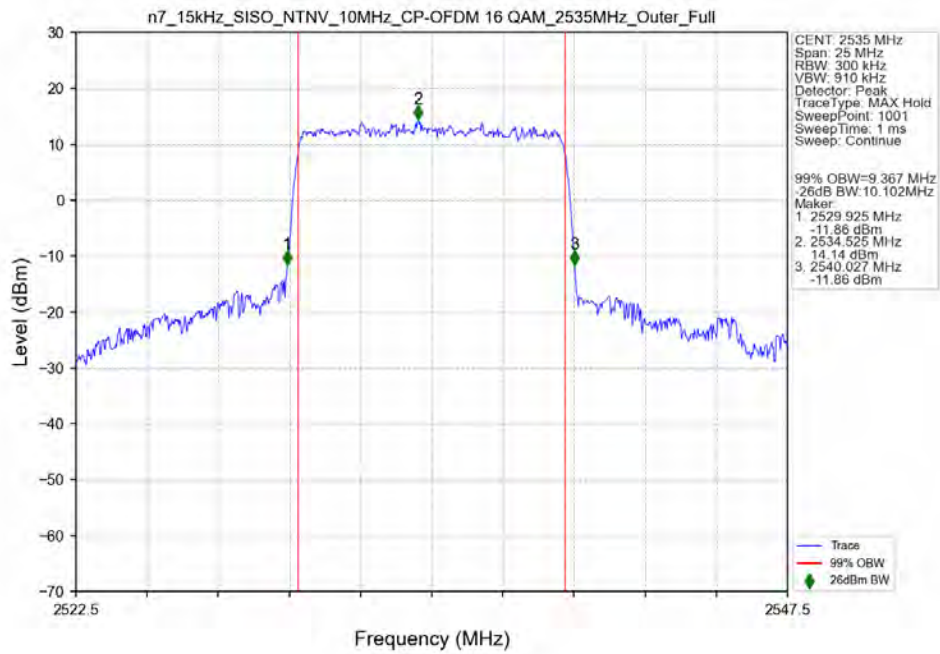
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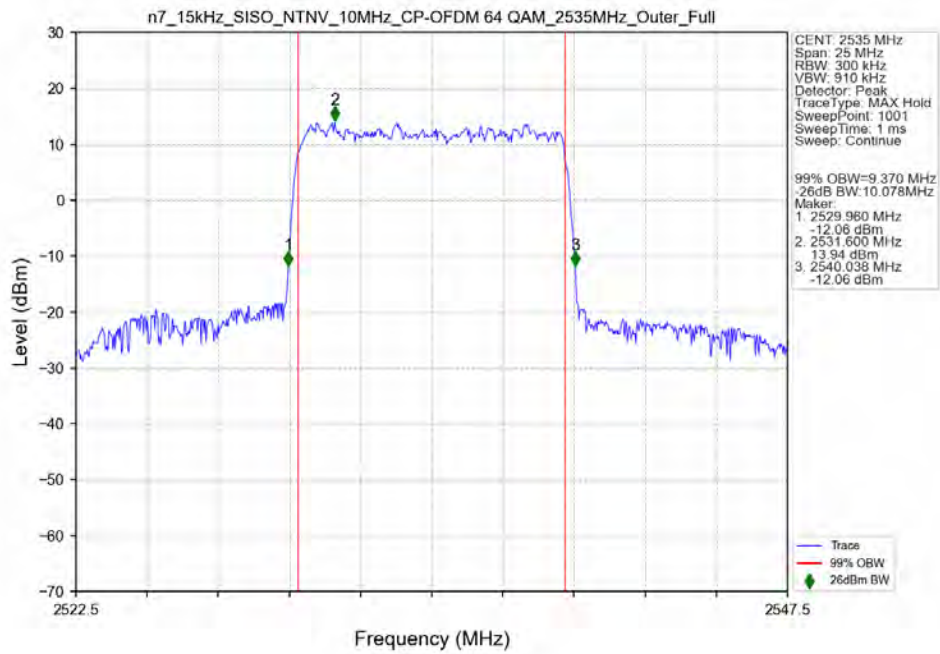
n7_15kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2535MHz_Outer_Full_Ant31

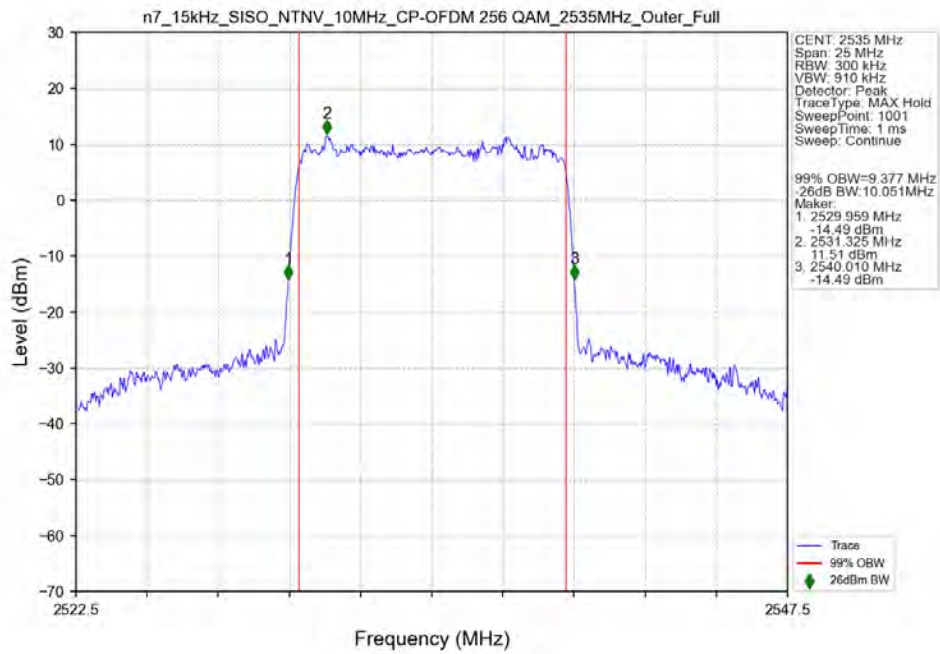


n7_15kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_2535MHz_Outer_Full_Ant31

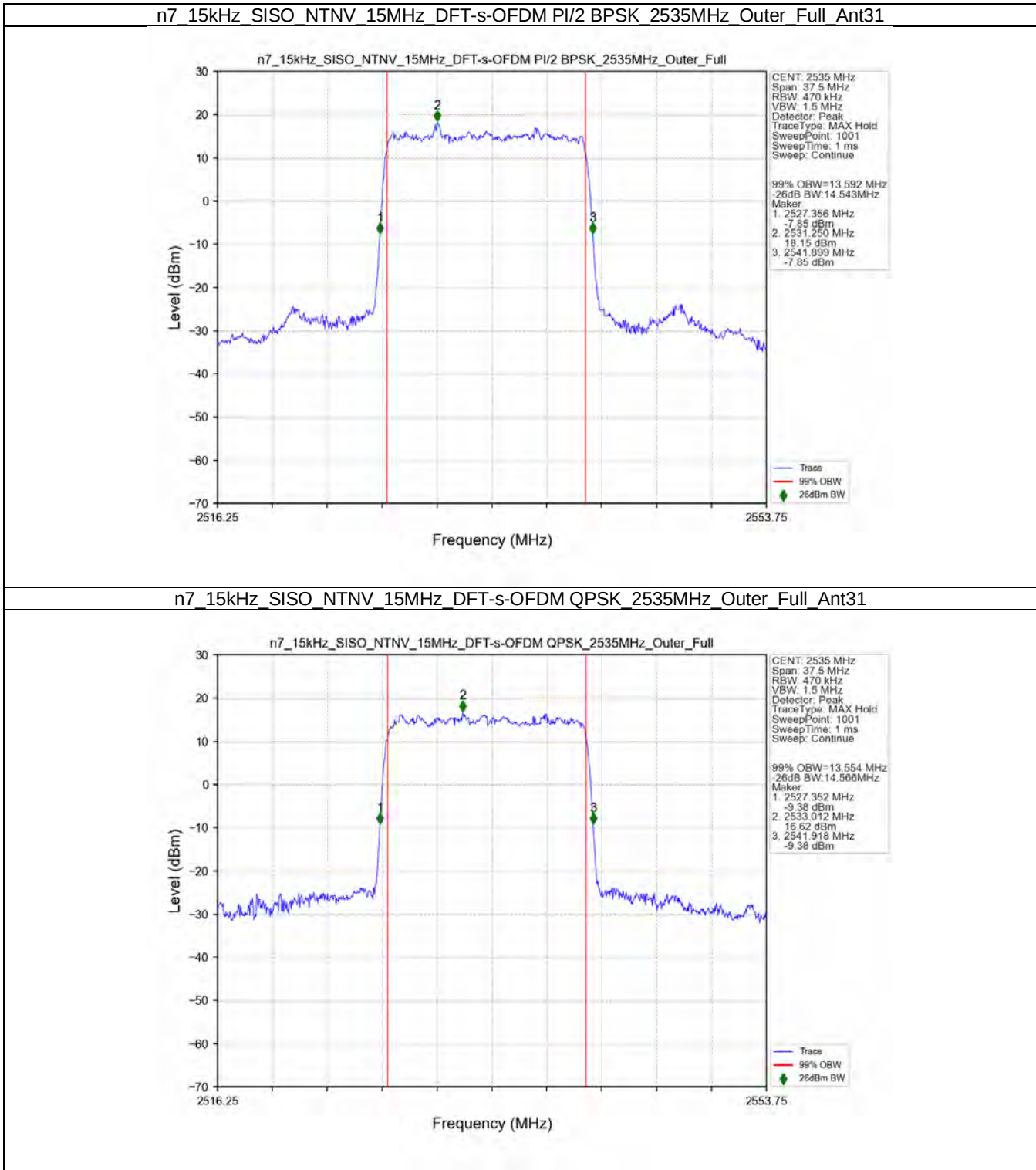


n7_15kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_2535MHz_Outer_Full_Ant31

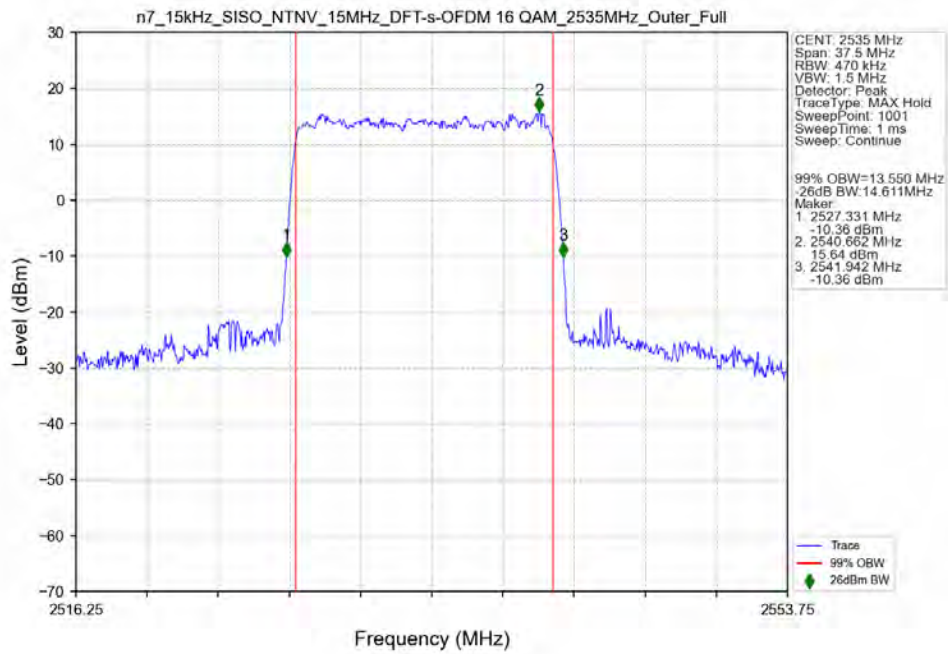




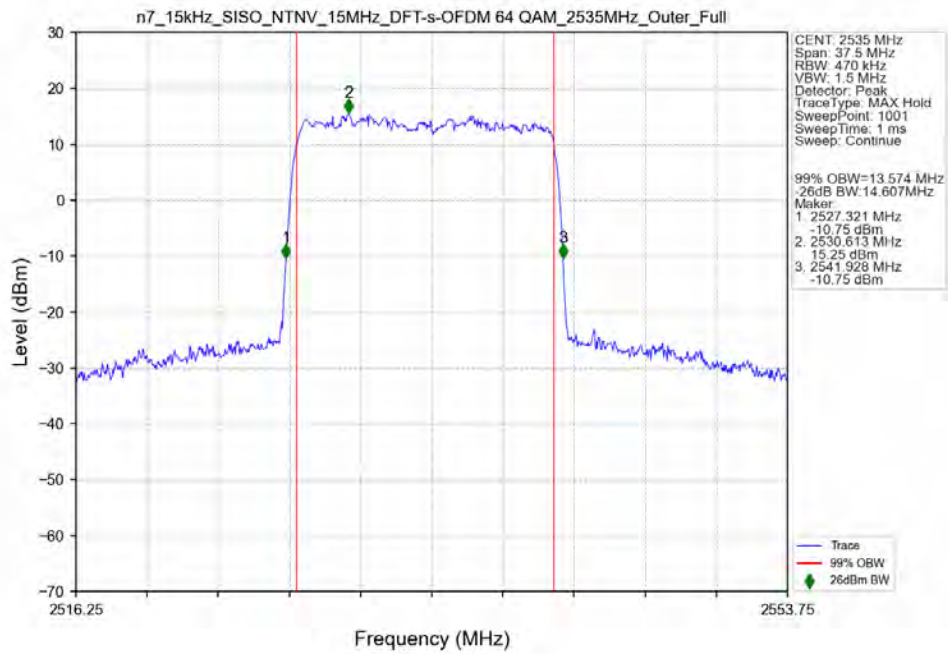
3.2.3 15k_SISO_15MHz_NTNV



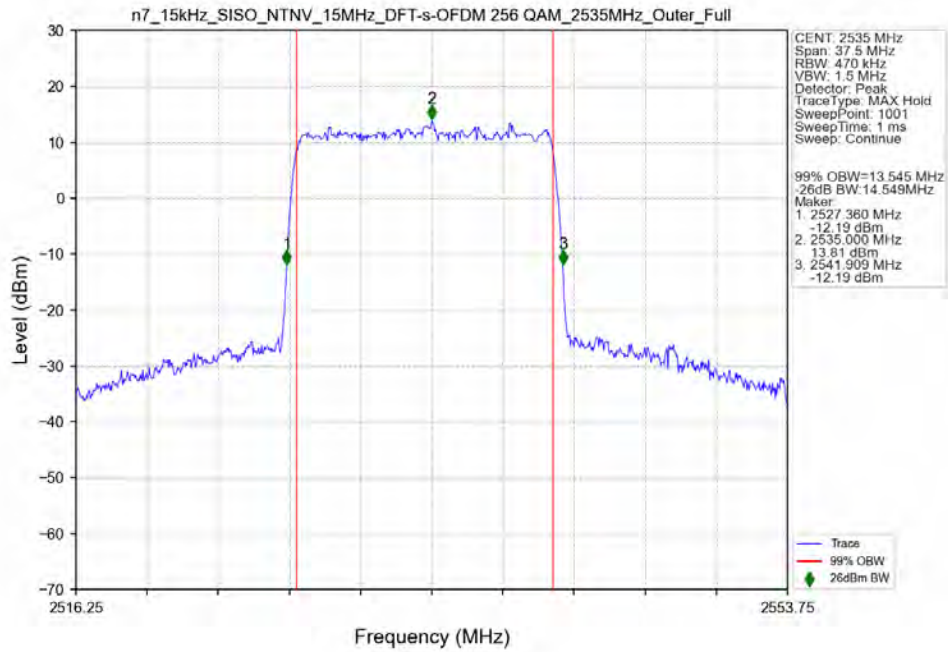
n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_2535MHz_Outer_Full_Ant31



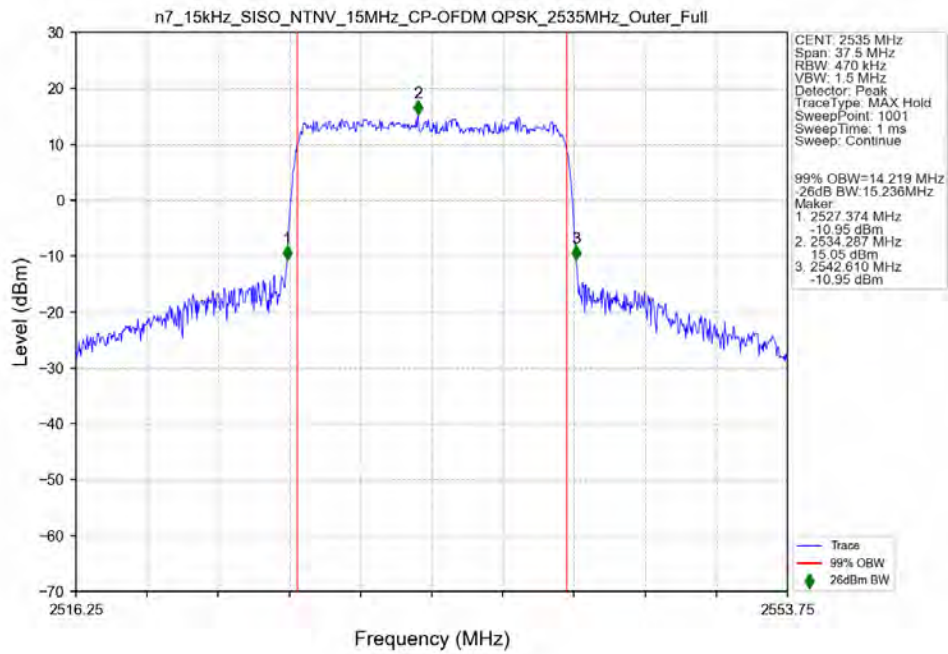
n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_2535MHz_Outer_Full_Ant31



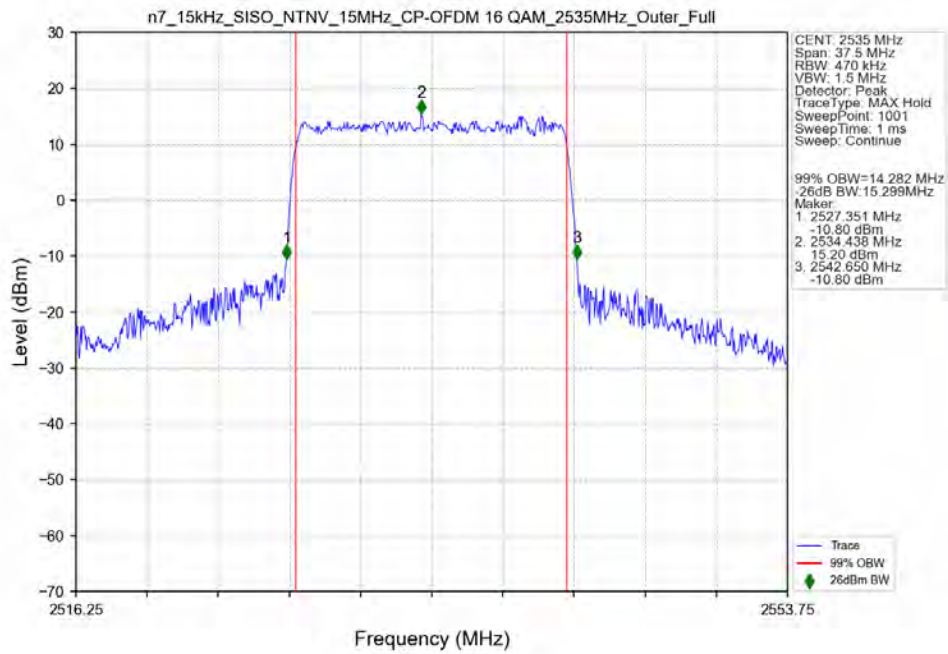
n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_2535MHz_Outer_Full_Ant31



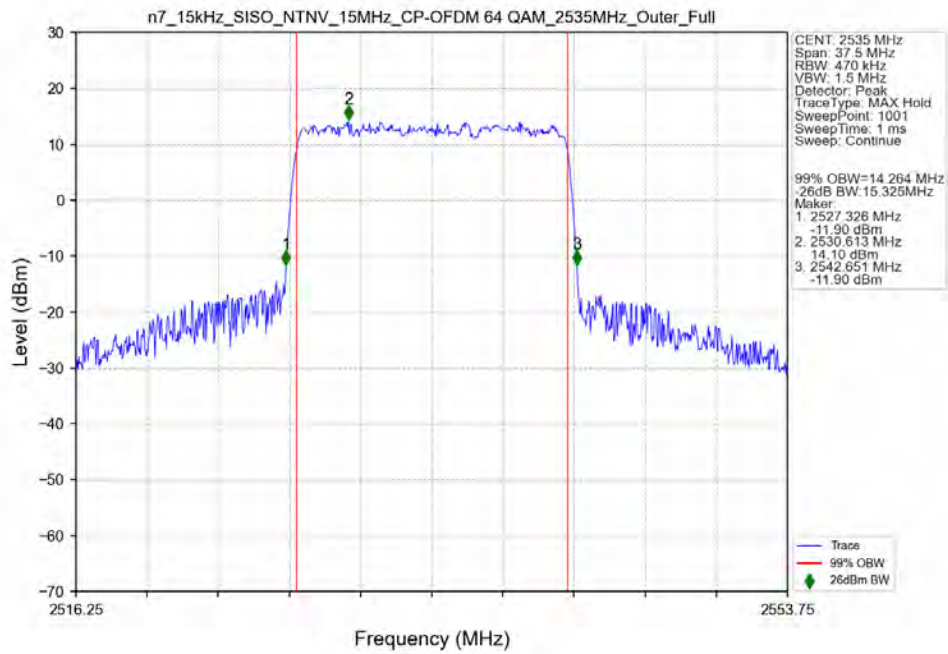
n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_2535MHz_Outer_Full_Ant31



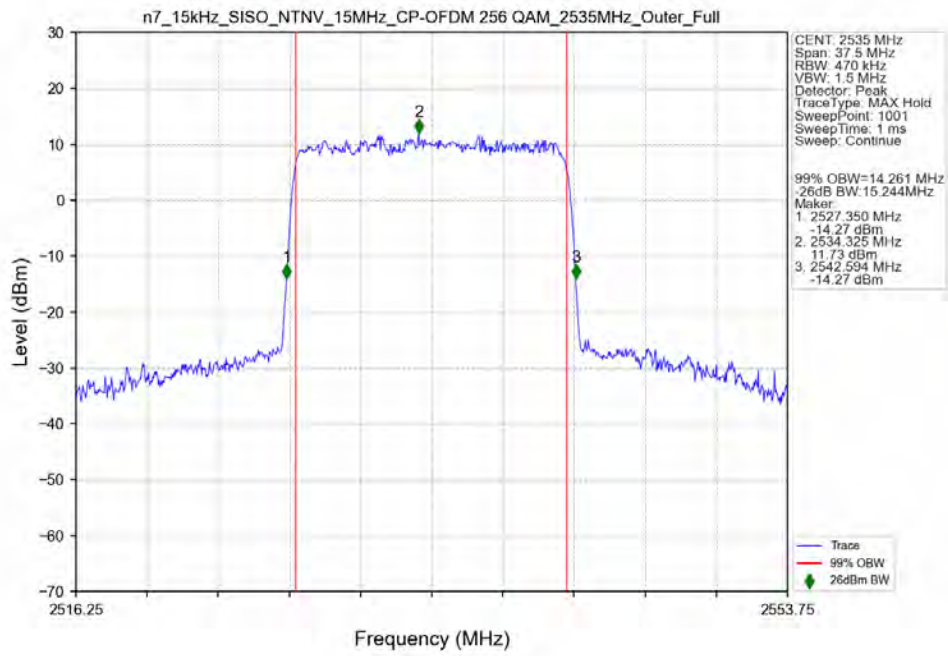
n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_2535MHz_Outer_Full_Ant31



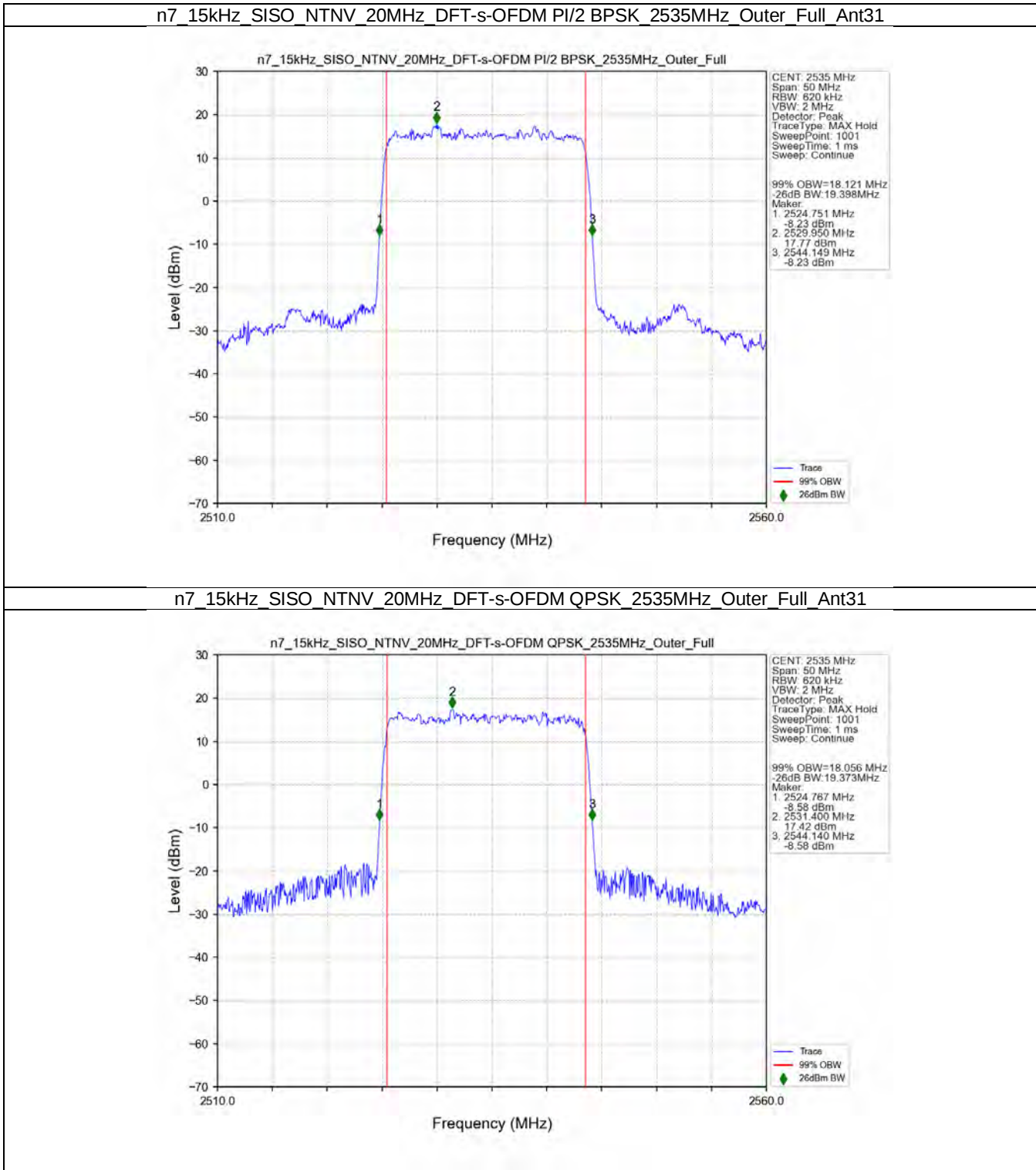
n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_2535MHz_Outer_Full_Ant31



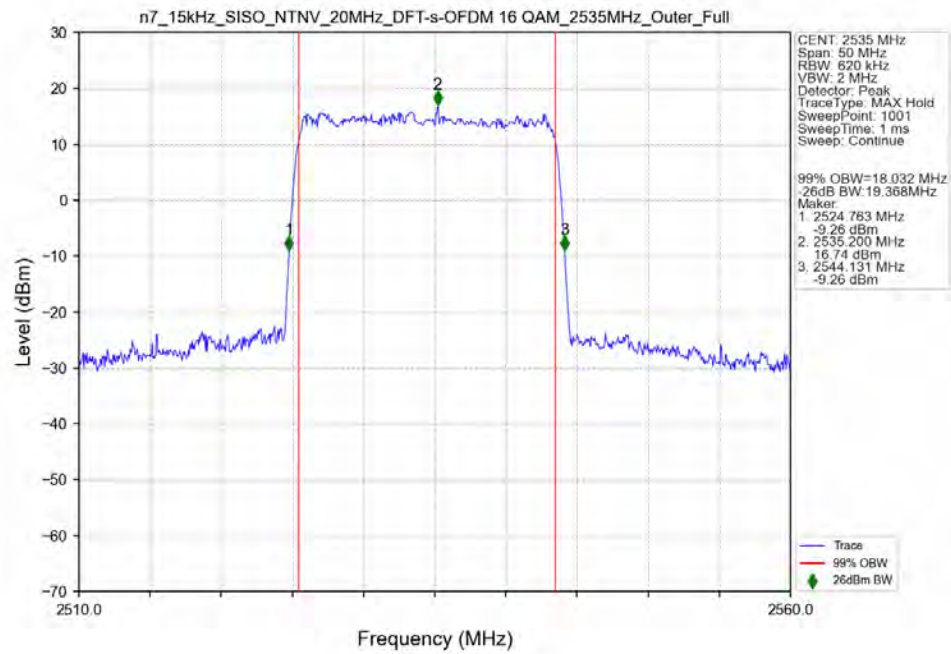
n7_15kHz_SISO_NTNV_15MHz_CP-OFDM_256_QAM_2535MHz_Outer_Full_Ant31



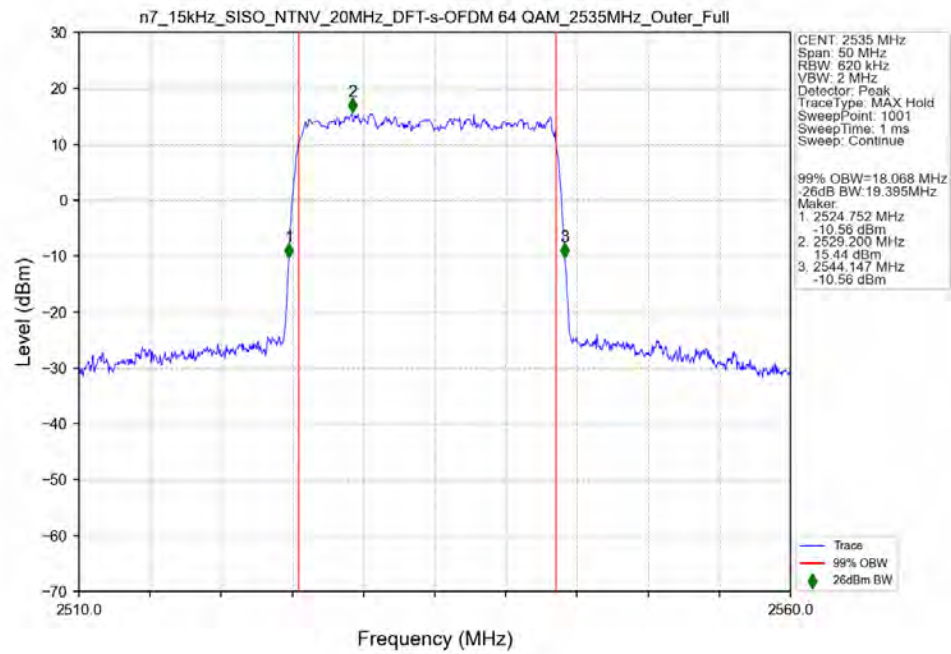
3.2.4 15k_SISO_20MHz_NTNV



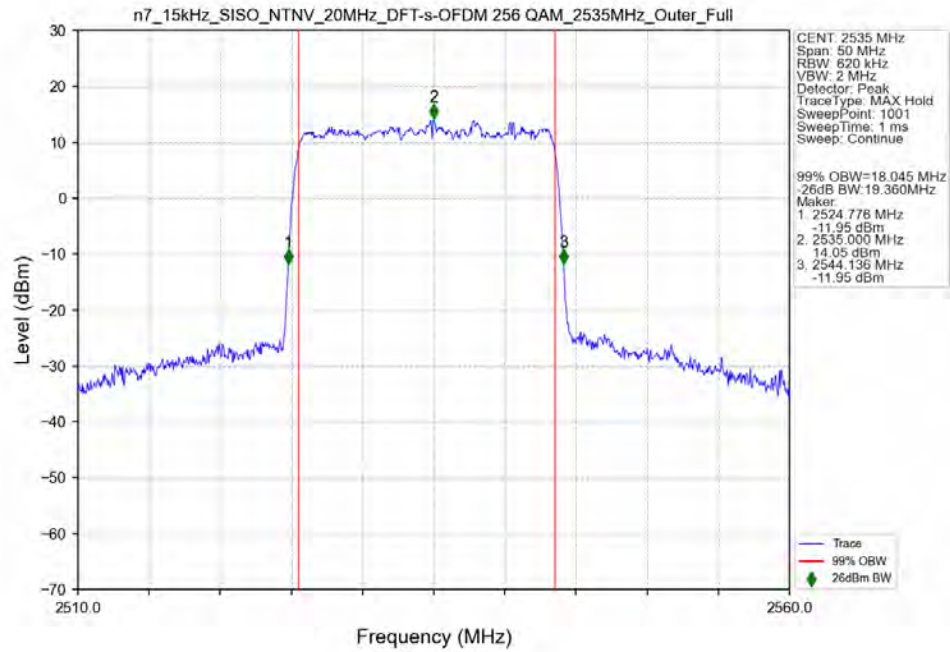
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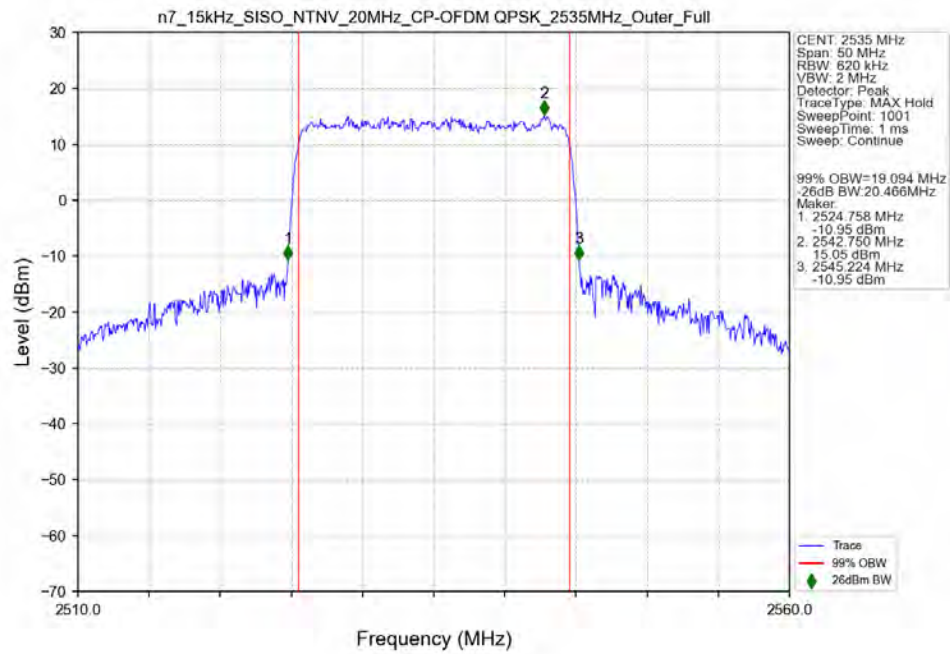
n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_2535MHz_Outer_Full_Ant31



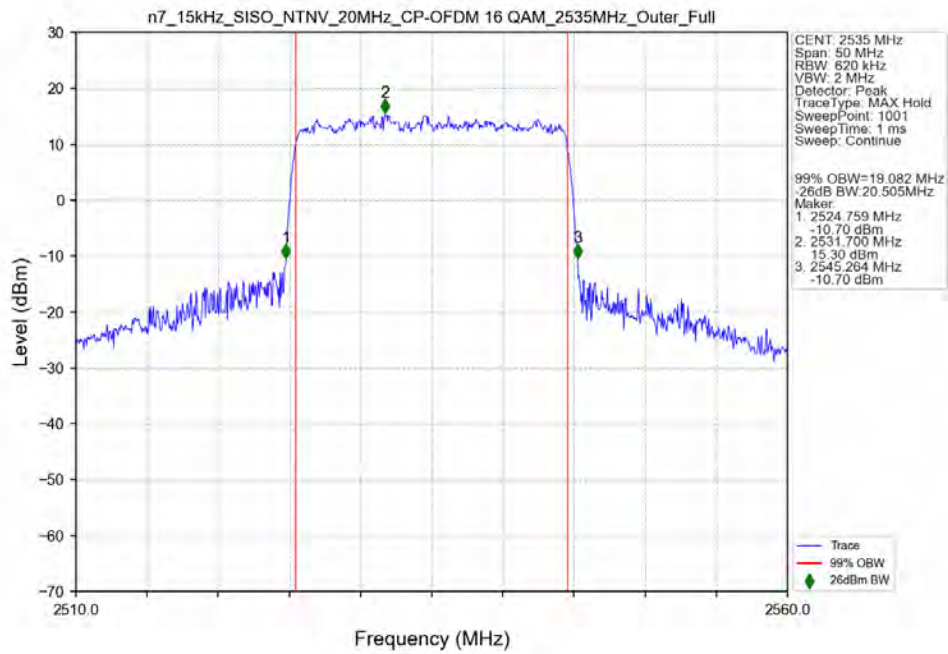
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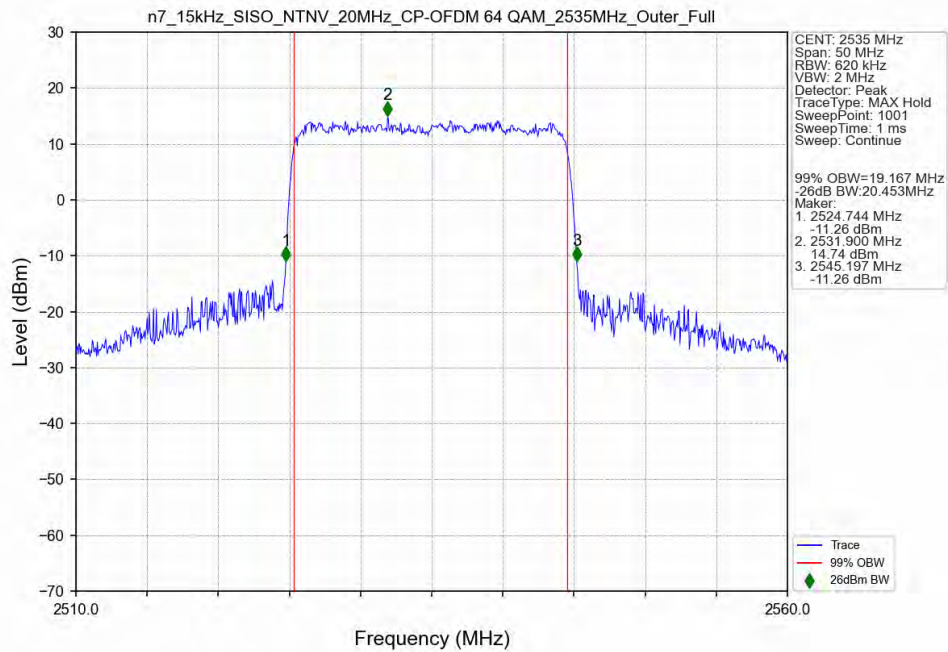
n7_15kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_2535MHz_Outer_Full_Ant31

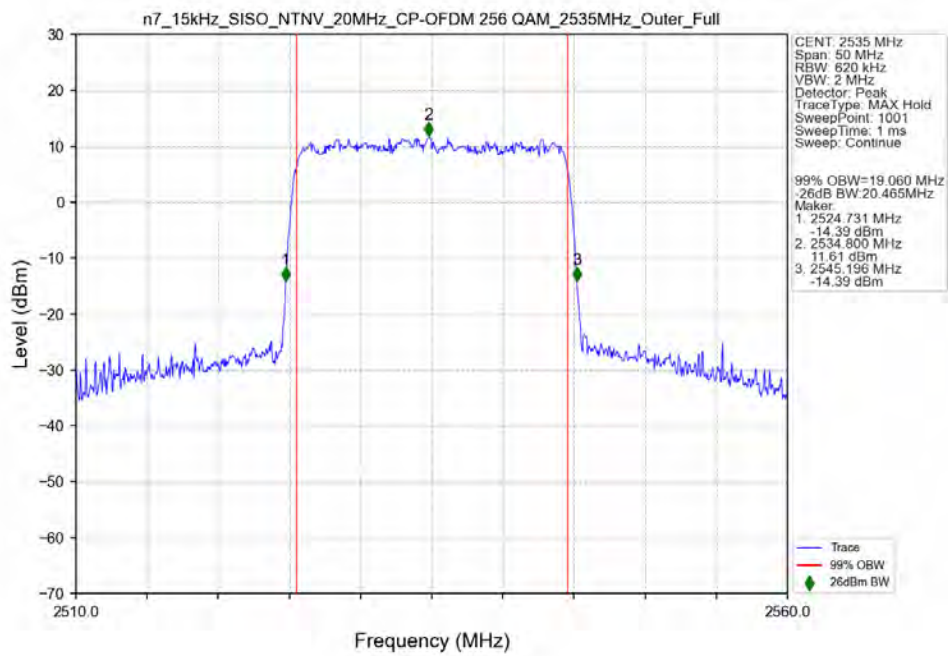


n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant31

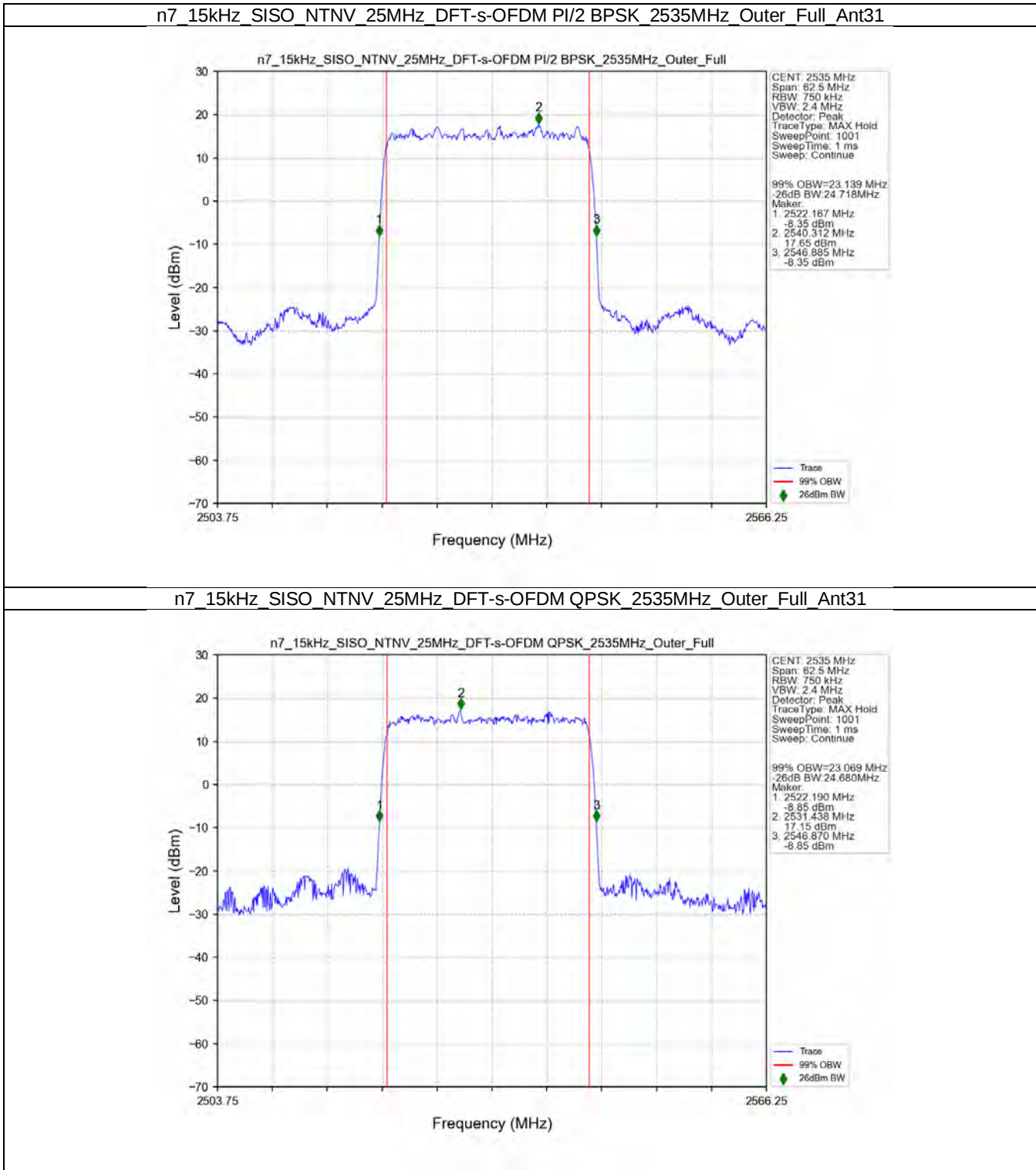


n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant31

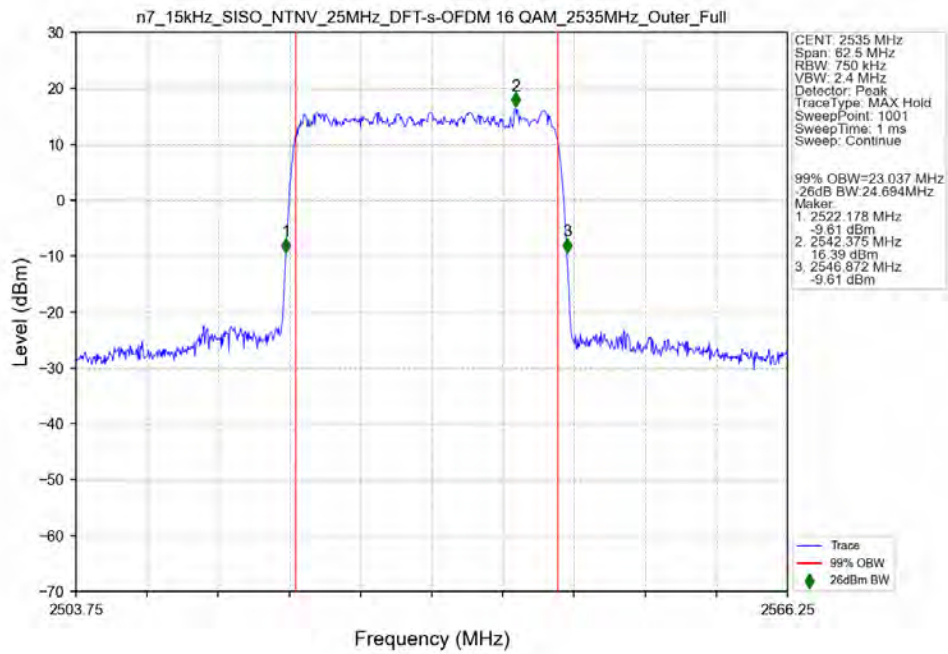




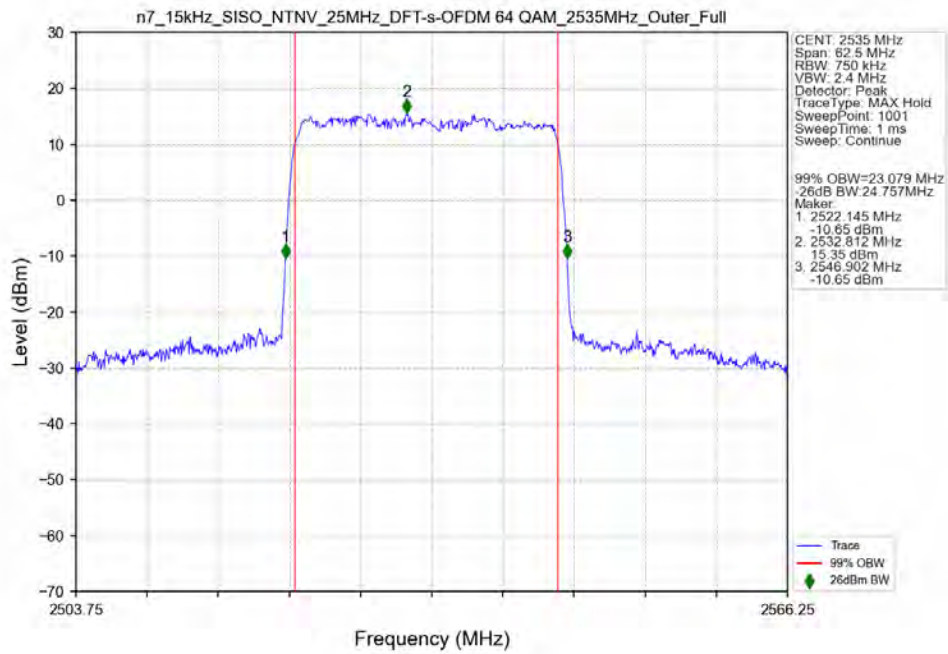
3.2.5 15k_SISO_25MHz_NTNV



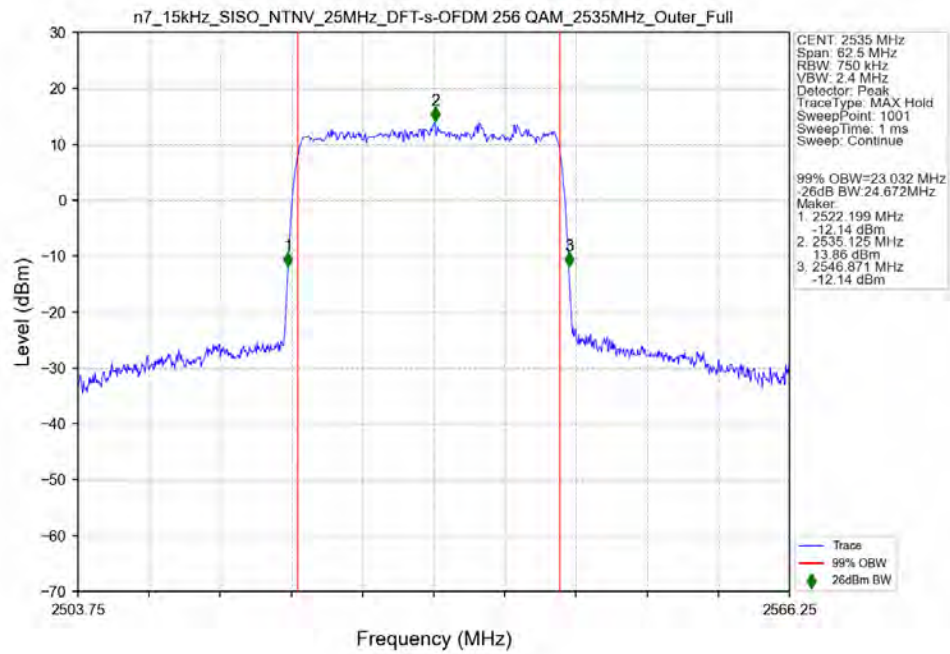
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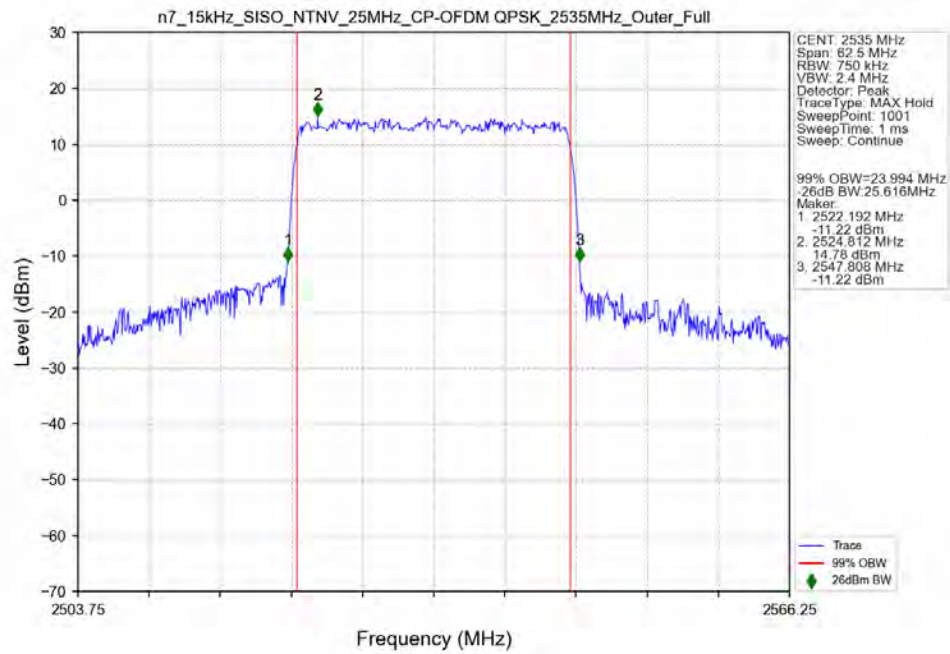
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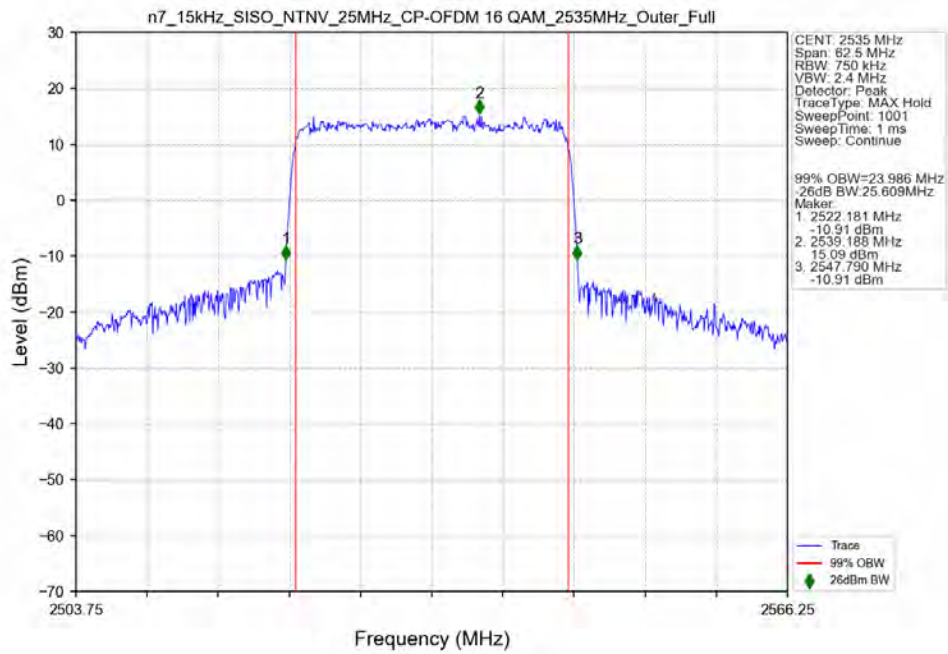
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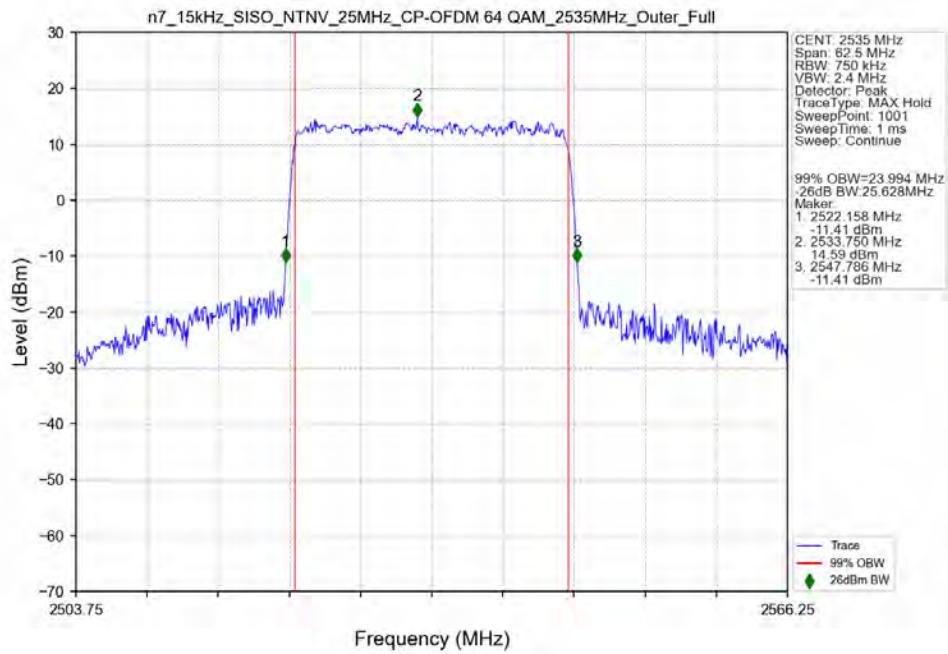
n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2535MHz_Outer_Full_Ant31

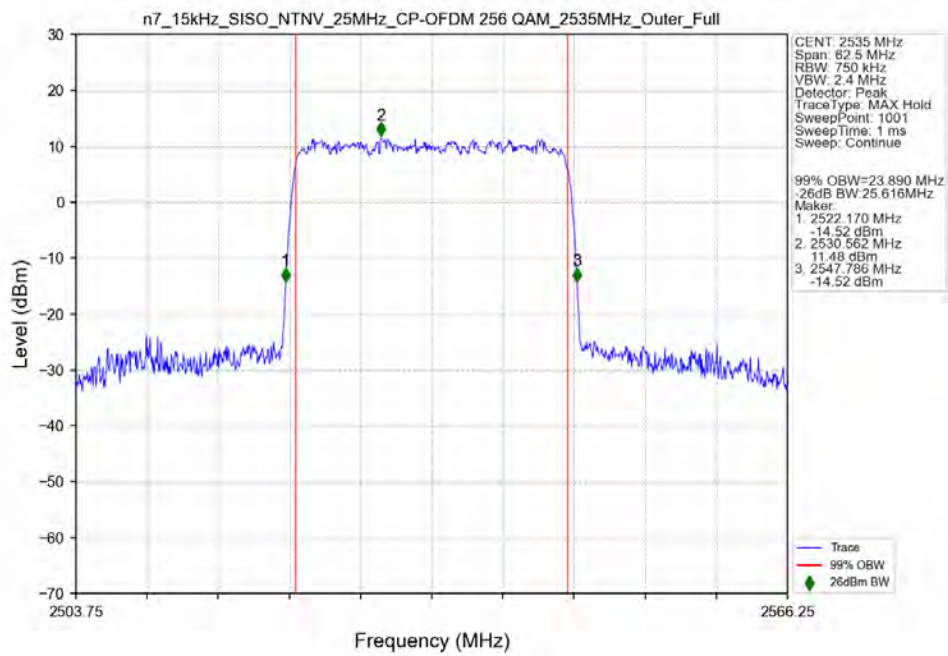


n7_15kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant31



n7_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant31





n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2535MHz_Outer_Full_Ant31

Level (dBm)

Frequency (MHz)

n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_2535MHz_Outer_Full

CENT: 2535 MHz
Span: 75 MHz
RBW: 910 kHz
VBW: 3 MHz
Detector: Peak
Trace Type: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue

99% OBW=28.867 MHz
26dB BW:30.857MHz
Marker

1 2519.552 MHz
-8.56 dBm
2 2527.000 MHz
17.44 dBm
3 2550.409 MHz
-8.56 dBm

Trace
99% OBW
26dB BW

n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2535MHz_Outer_Full_Ant31

Level (dBm)

Frequency (MHz)

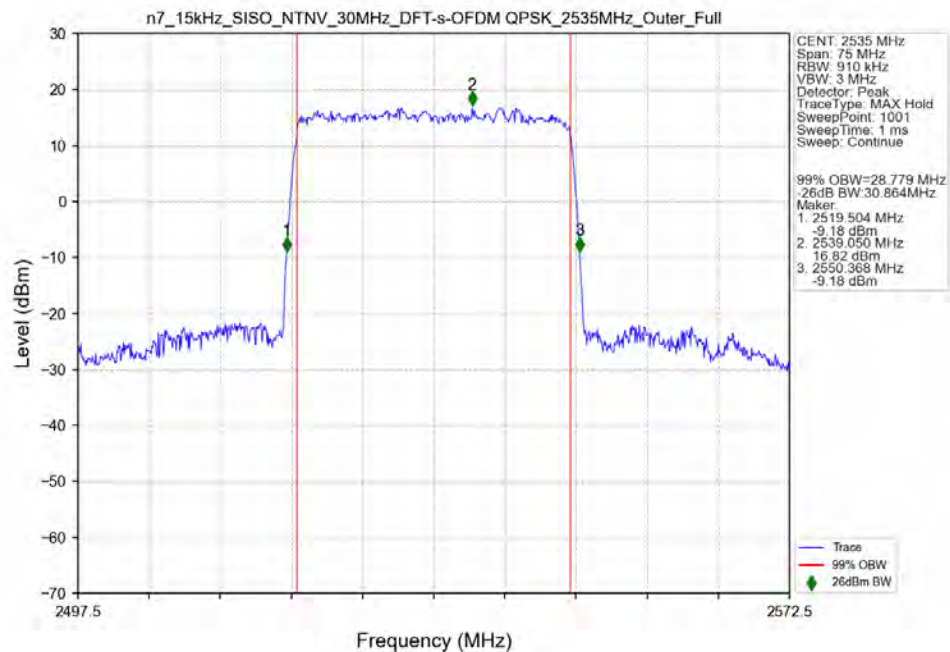
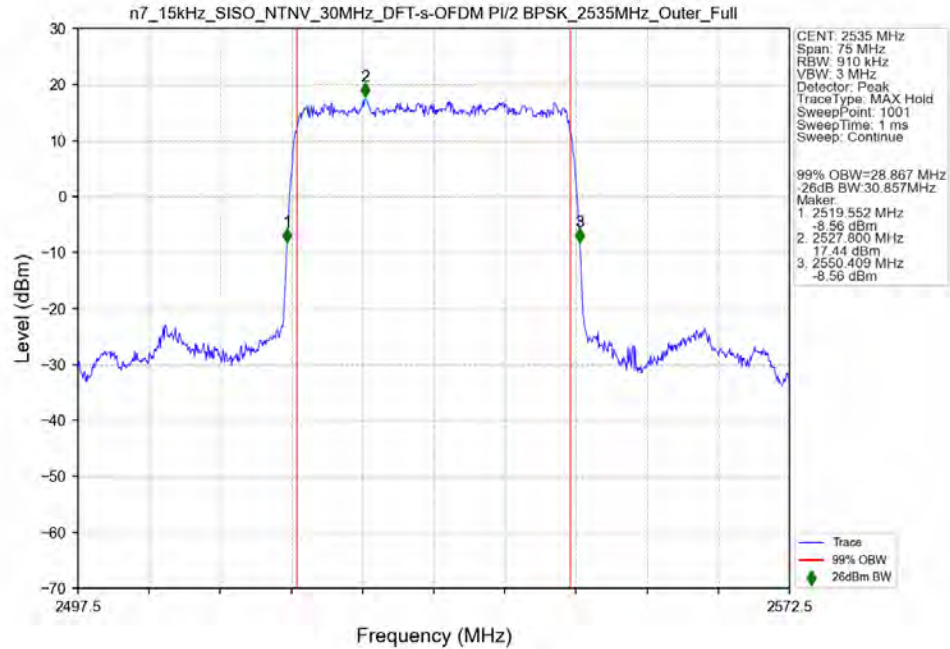
n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM QPSK_2535MHz_Outer_Full

CENT: 2535 MHz
Span: 75 MHz
RBW: 910 kHz
VBW: 3 MHz
Detector: Peak
Trace Type: MAX Hold
SweepPoint: 1001
SweepTime: 1 ms
Sweep: Continue

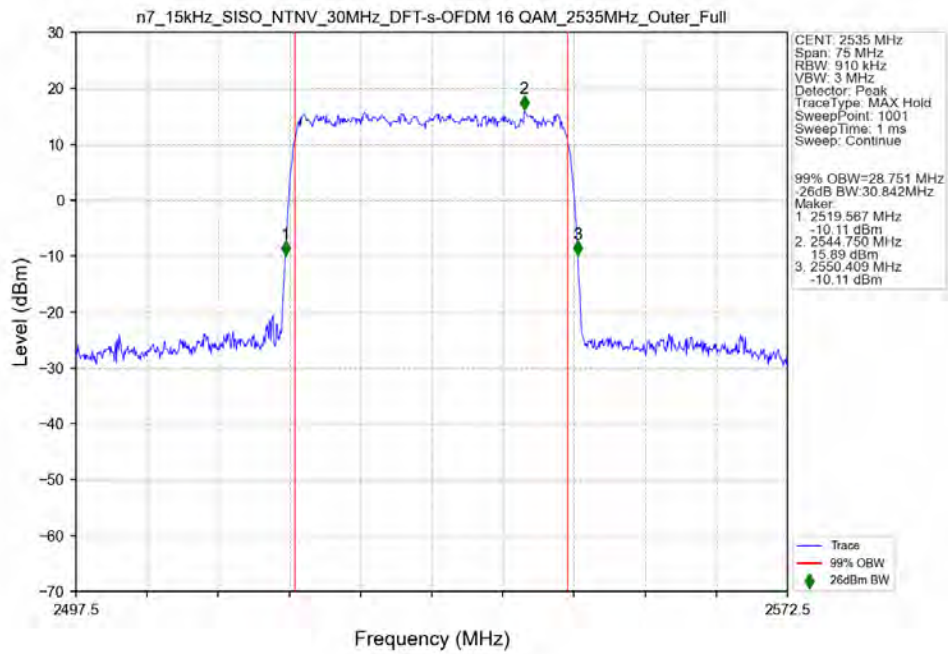
99% OBW=28.779 MHz
26dB BW:30.864MHz
Marker

1 2519.504 MHz
-9.18 dBm
2 2539.050 MHz
16.82 dBm
3 2550.368 MHz
-9.18 dBm

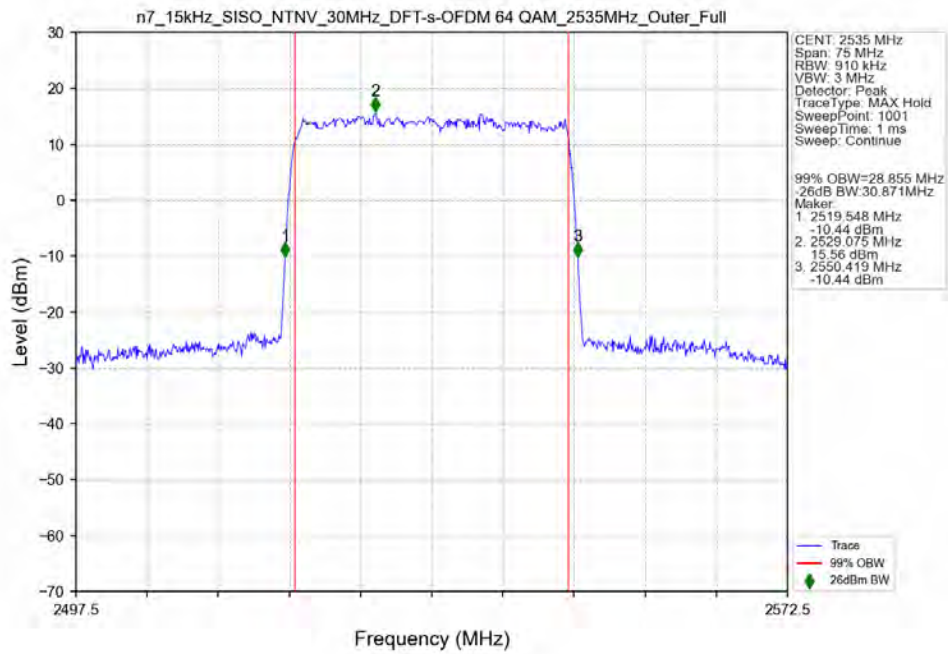
Trace
99% OBW
26dB BW



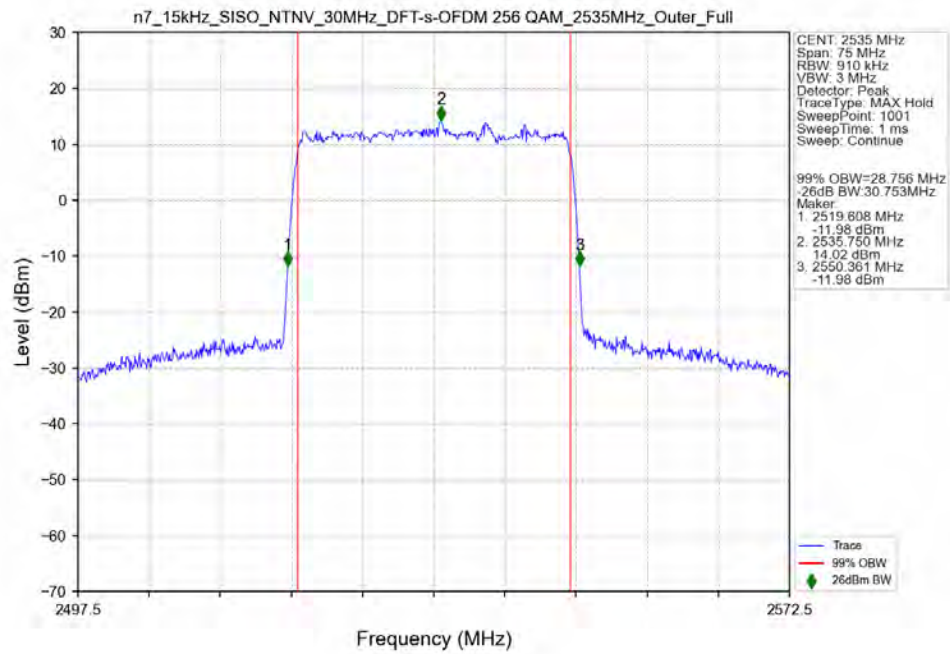
n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_2535MHz_Outer_Full_Ant31



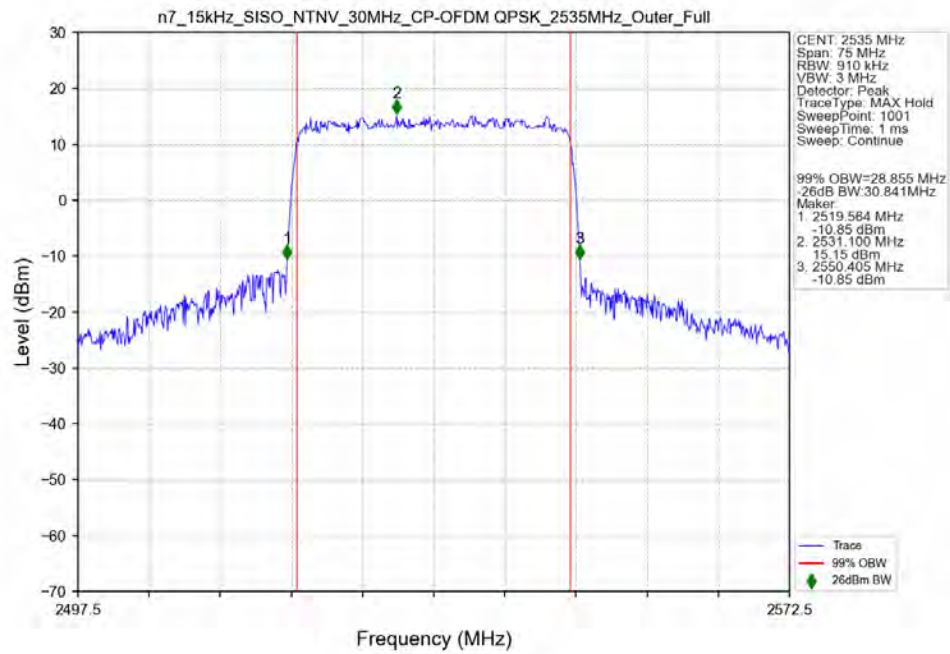
n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_2535MHz_Outer_Full_Ant31



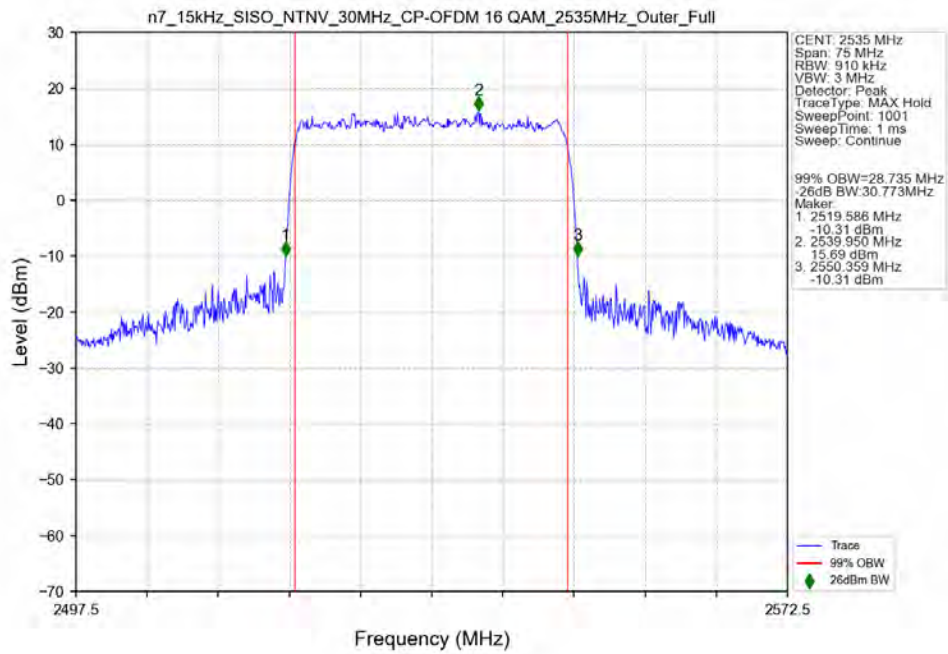
n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM_256_QAM_2535MHz_Outer_Full_Ant31



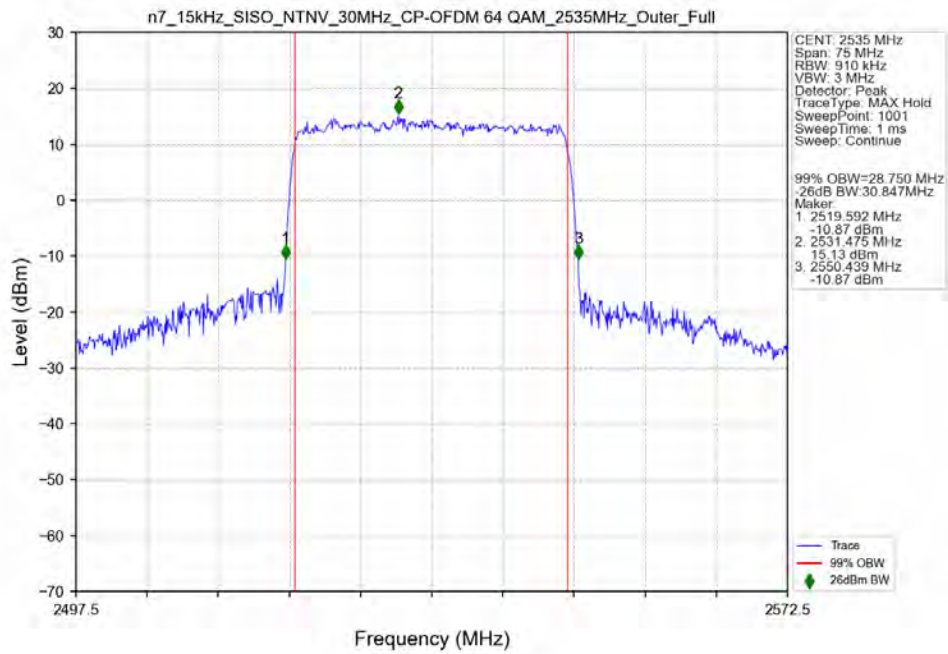
n7_15kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_2535MHz_Outer_Full_Ant31



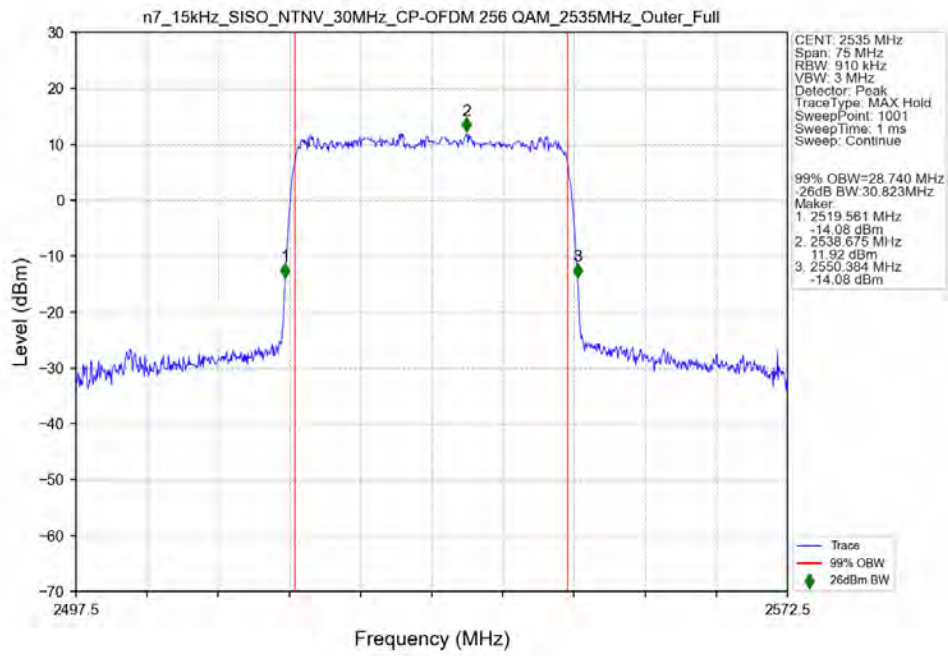
n7_15kHz_SISO_NTNV_30MHz_CP-OFDM_16_QAM_2535MHz_Outer_Full_Ant31



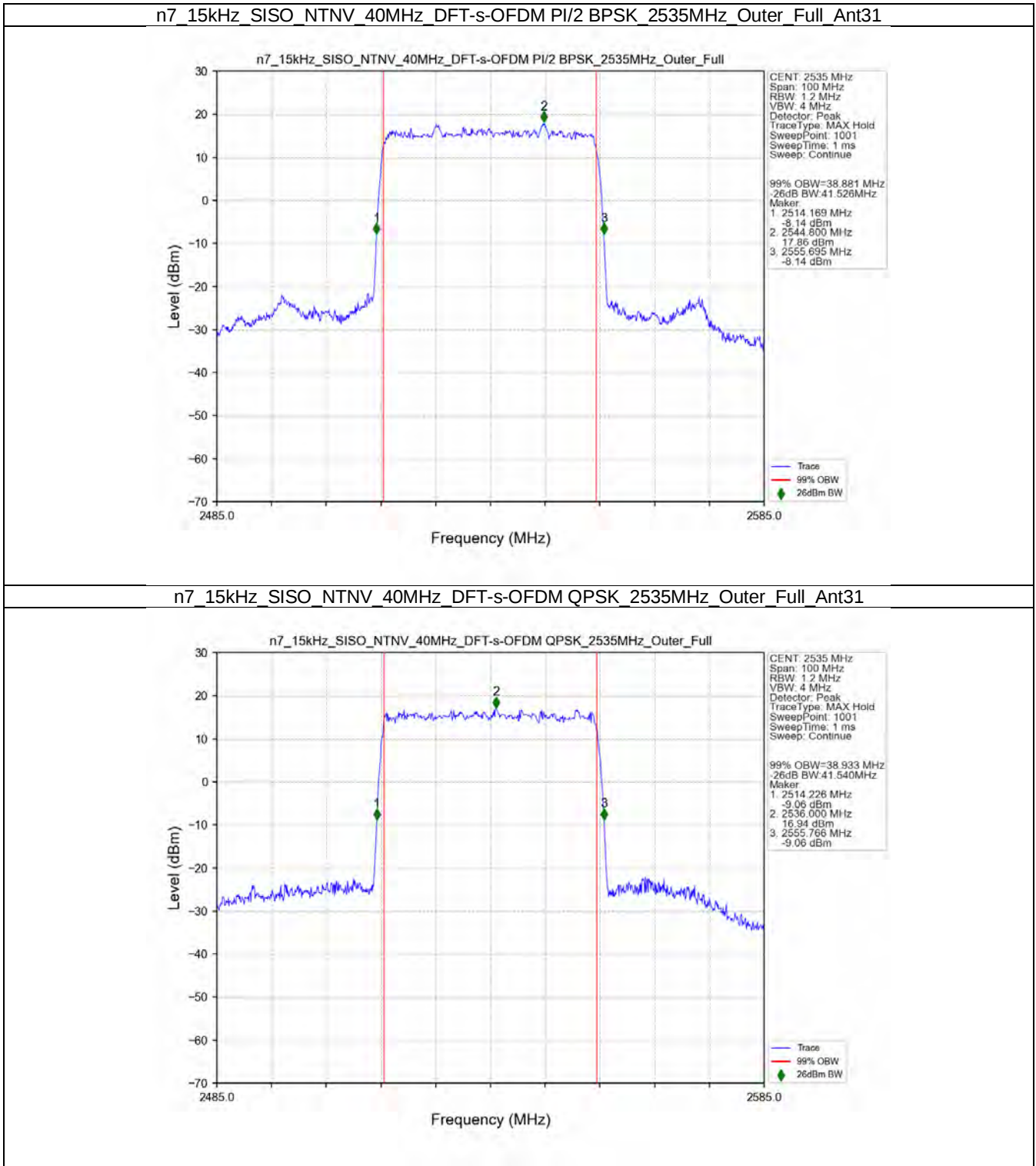
n7_15kHz_SISO_NTNV_30MHz_CP-OFDM_64_QAM_2535MHz_Outer_Full_Ant31



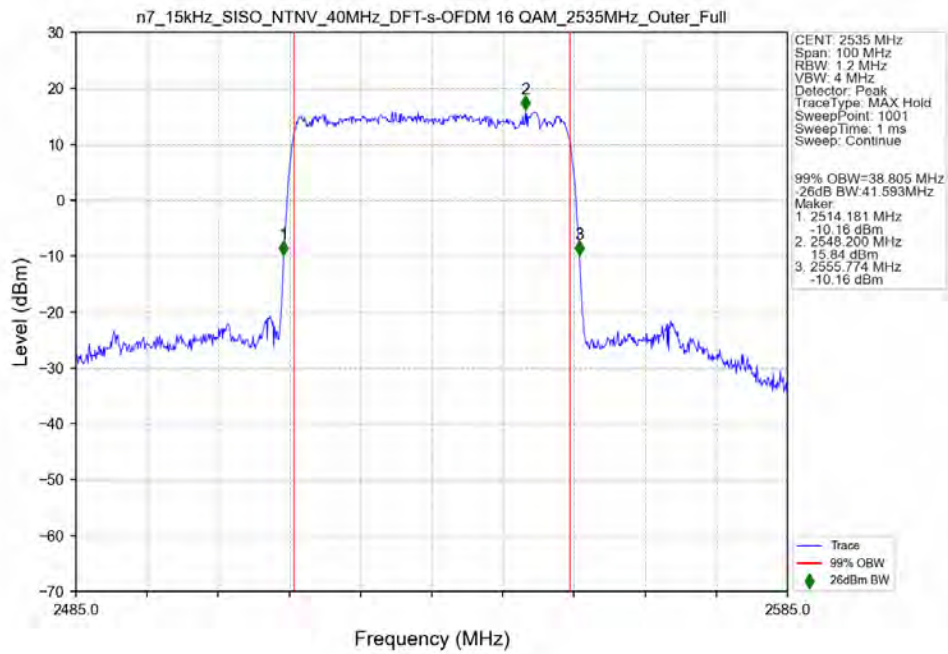
n7_15kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_2535MHz_Outer_Full_Ant31



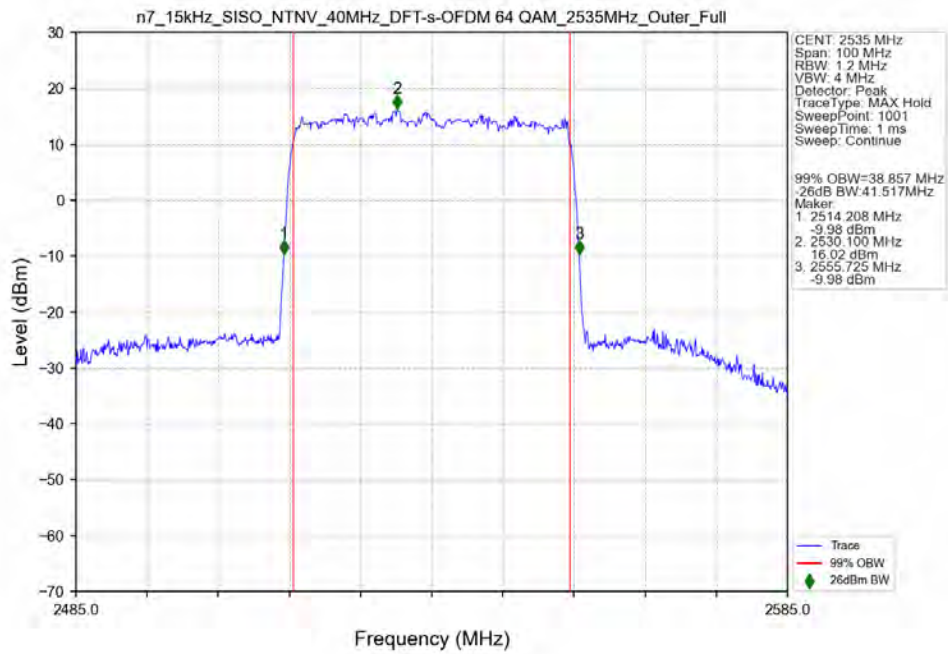
3.2.7 15k_SISO_40MHz_NTNV



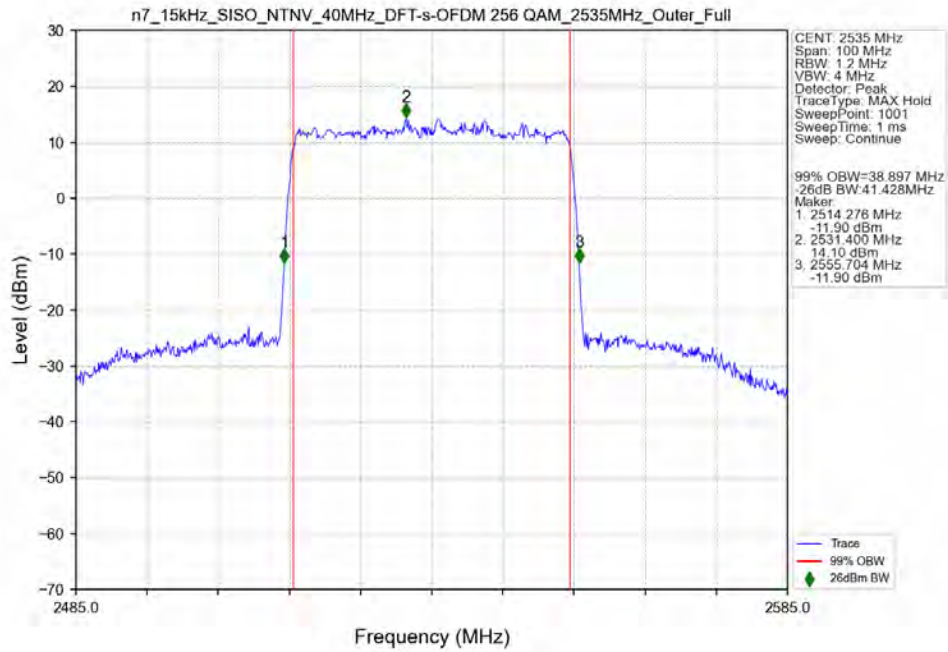
n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM 16 QAM 2535MHz_Outer_Full_Ant31



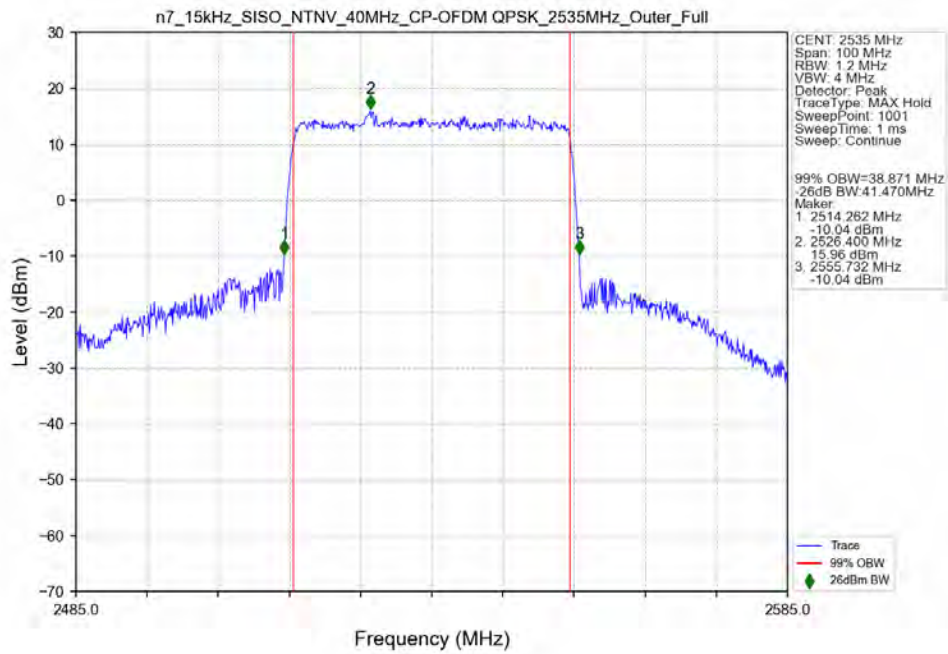
n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM 2535MHz_Outer_Full_Ant31



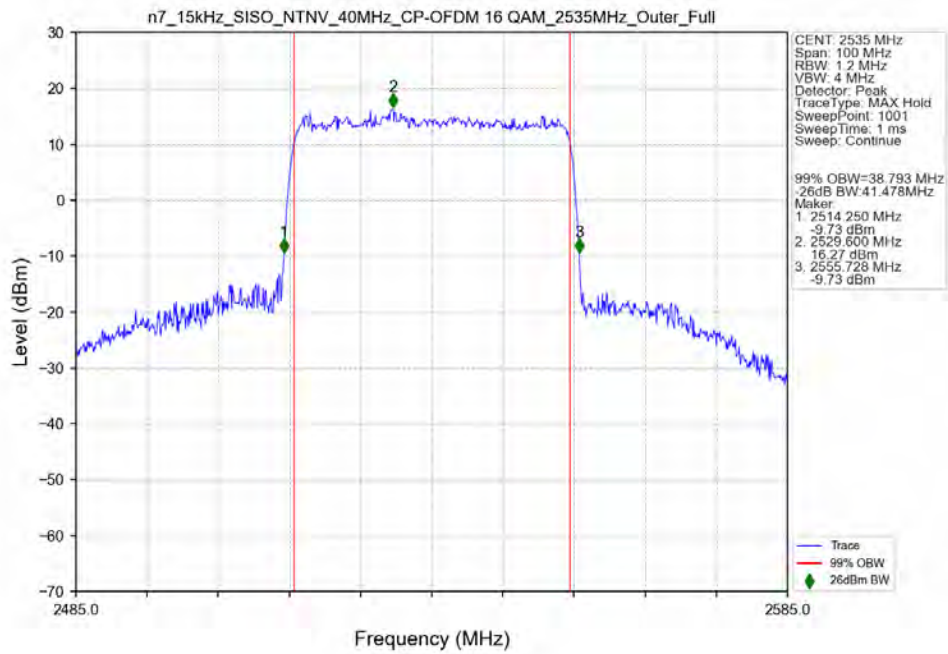
n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM_256_QAM_2535MHz_Outer_Full_Ant31



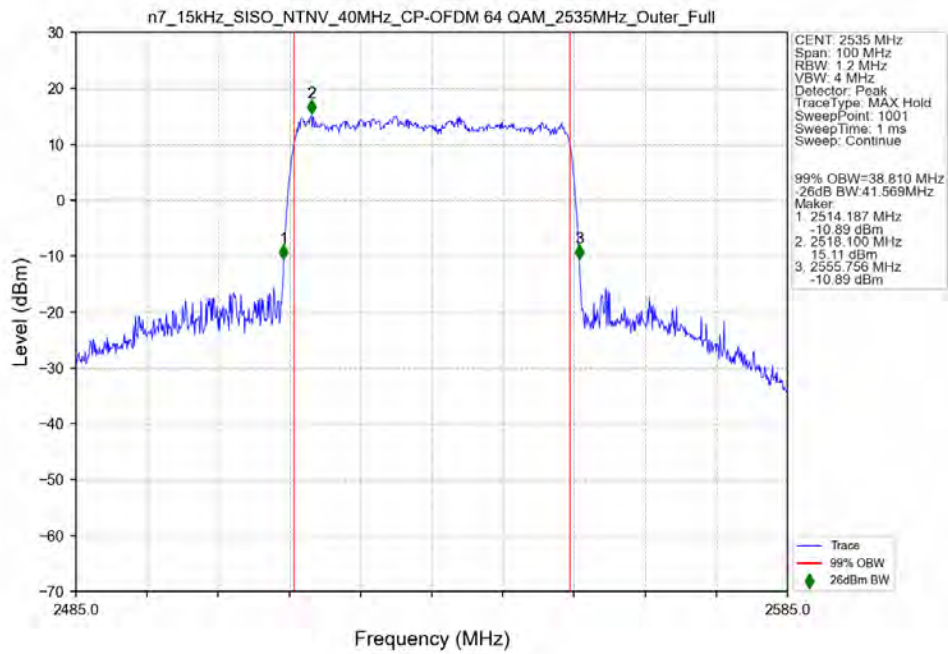
n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_QPSK_2535MHz_Outer_Full_Ant31

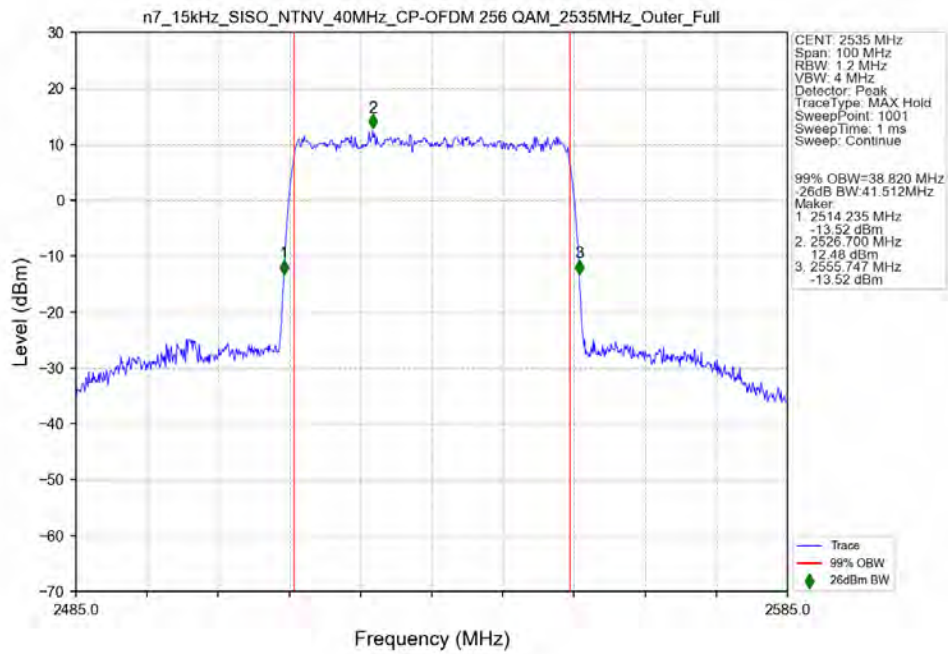


n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_16_QAM_2535MHz_Outer_Full_Ant31

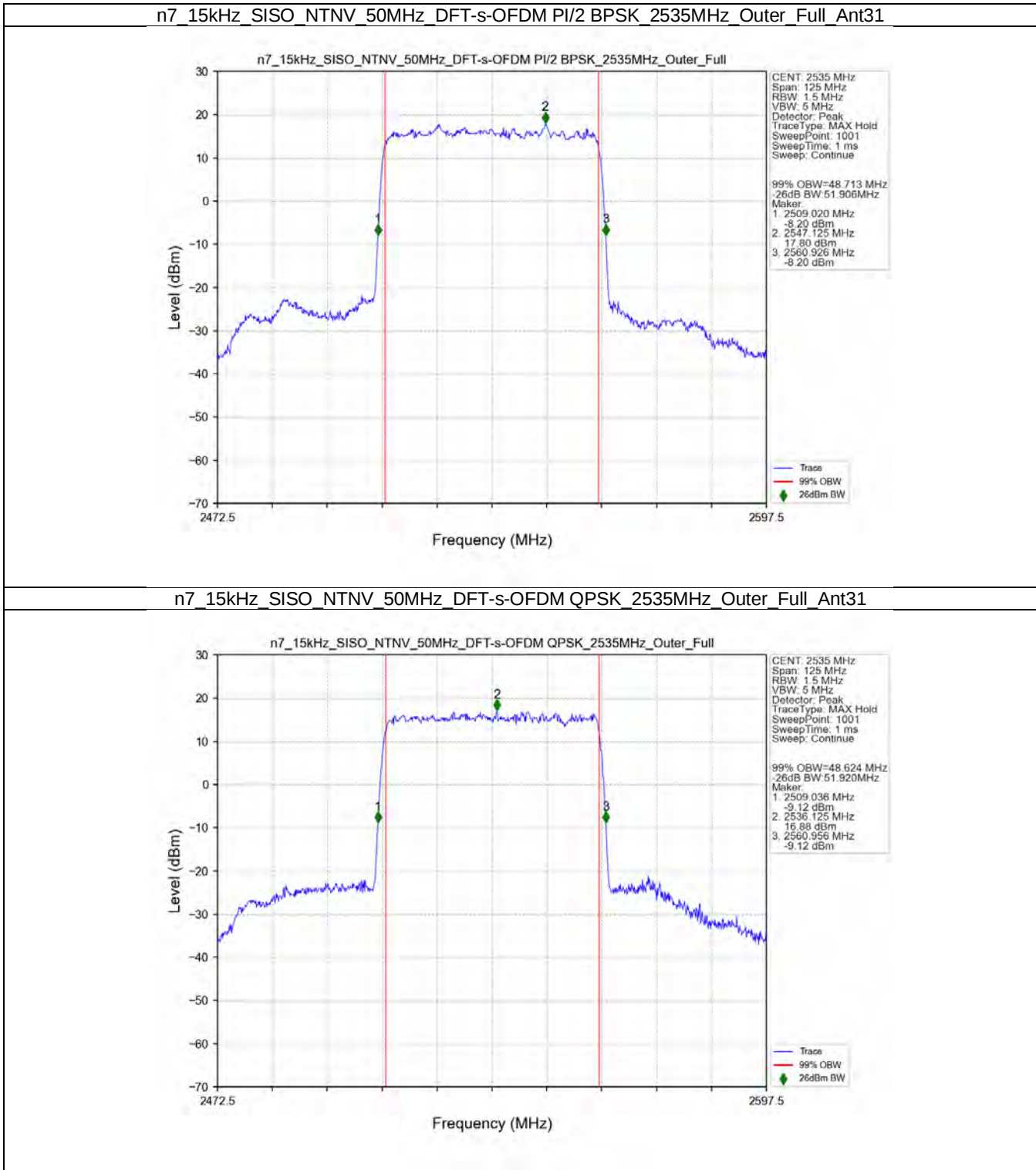


n7_15kHz_SISO_NTNV_40MHz_CP-OFDM_64_QAM_2535MHz_Outer_Full_Ant31

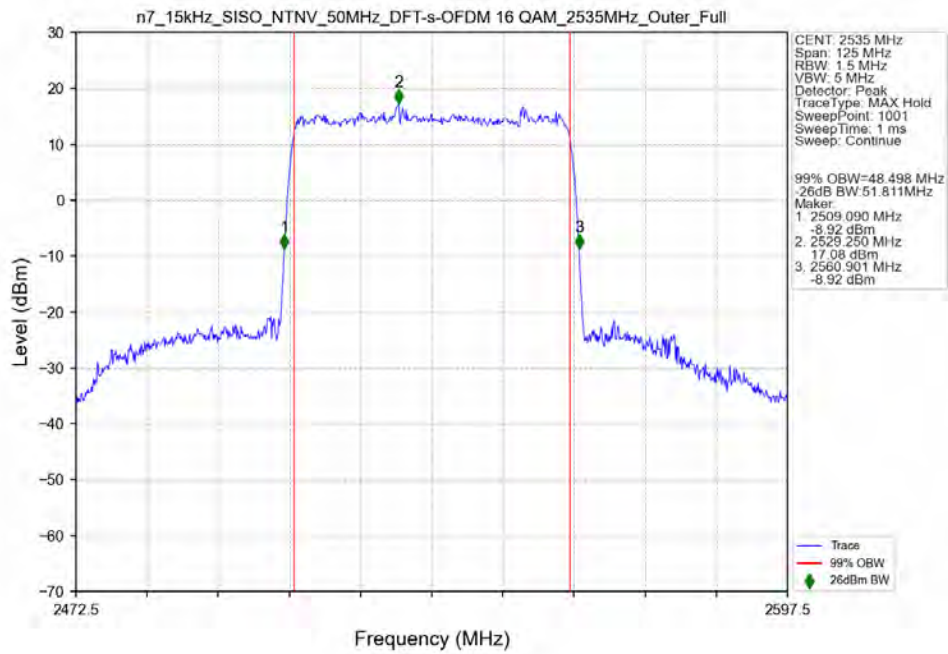




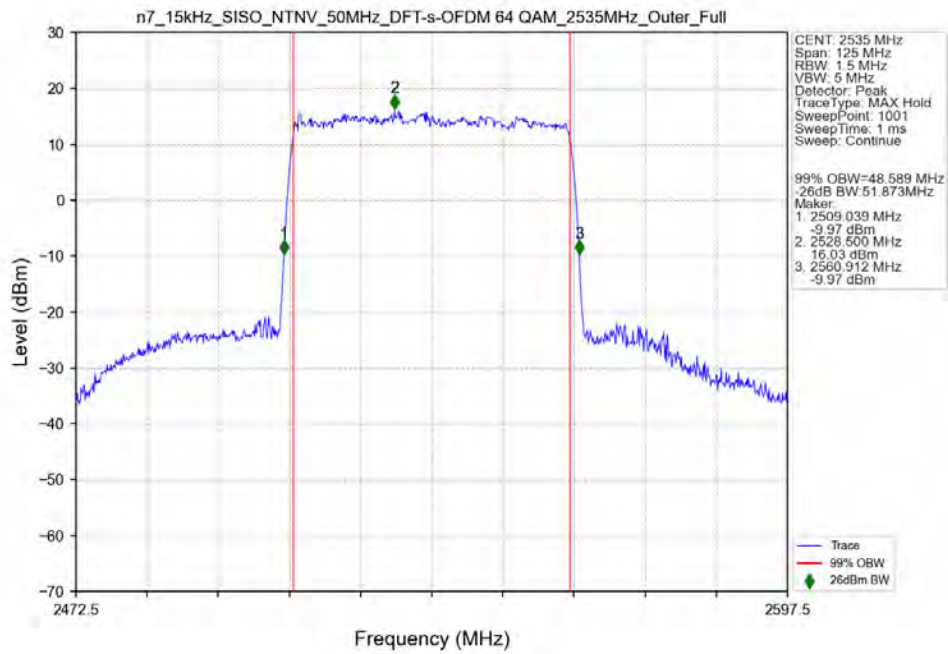
3.2.8 15k_SISO_50MHz_NTNV



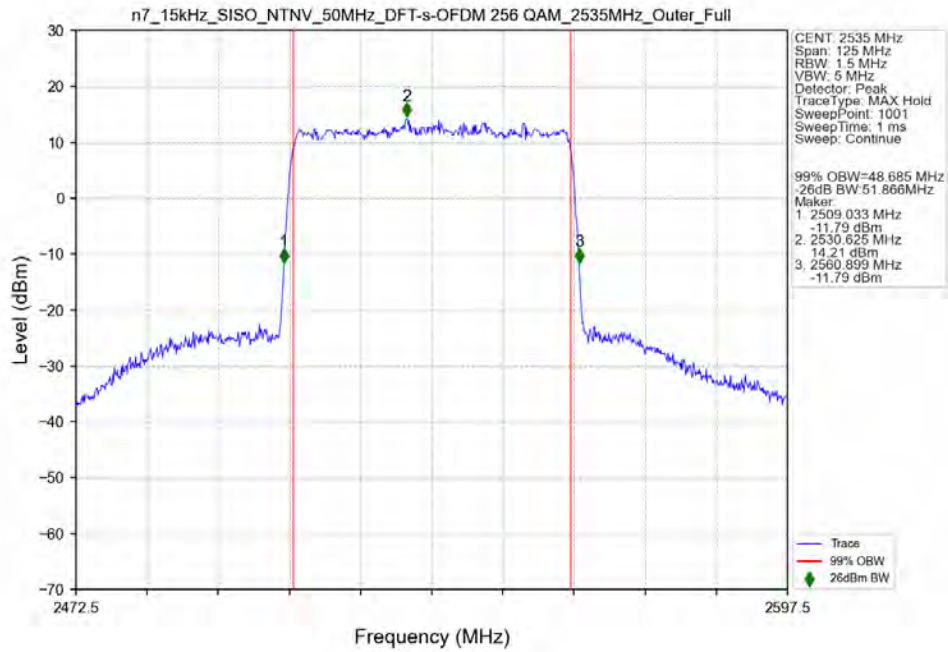
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_16_QAM_2535MHz_Outer_Full_Ant31



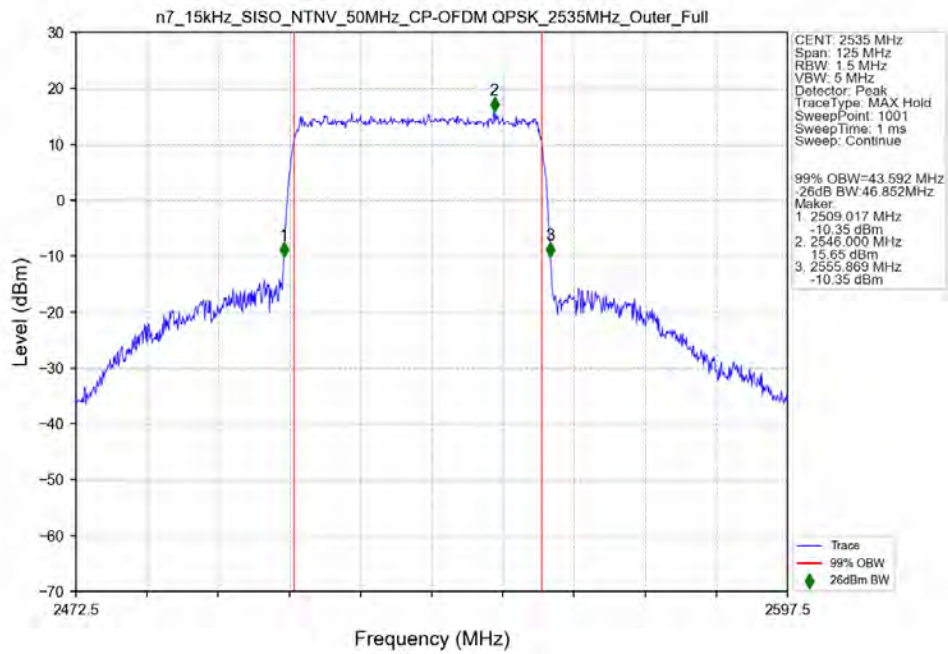
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_64_QAM_2535MHz_Outer_Full_Ant31



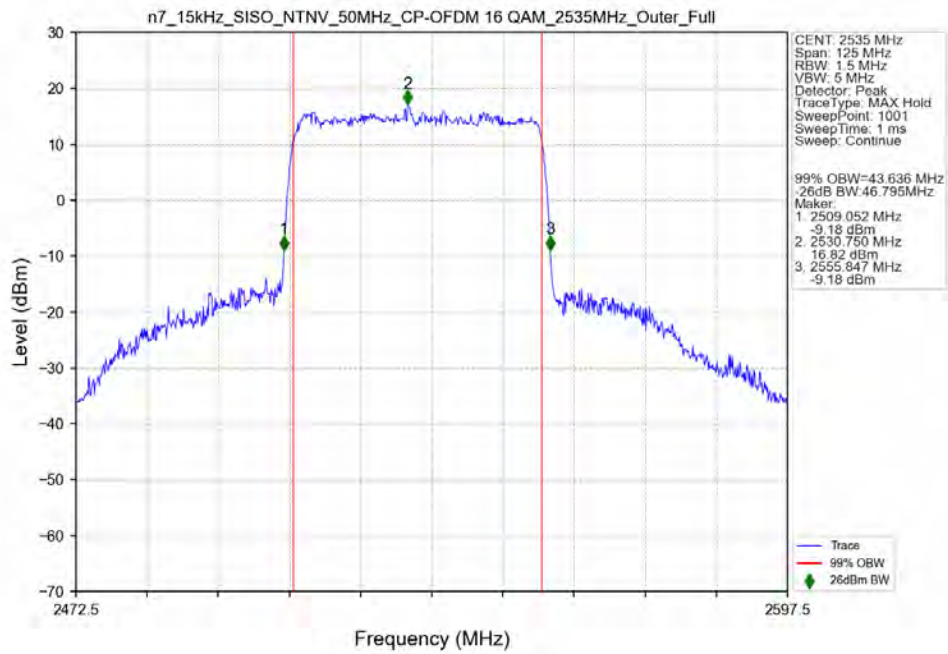
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_256_QAM_2535MHz_Outer_Full_Ant31



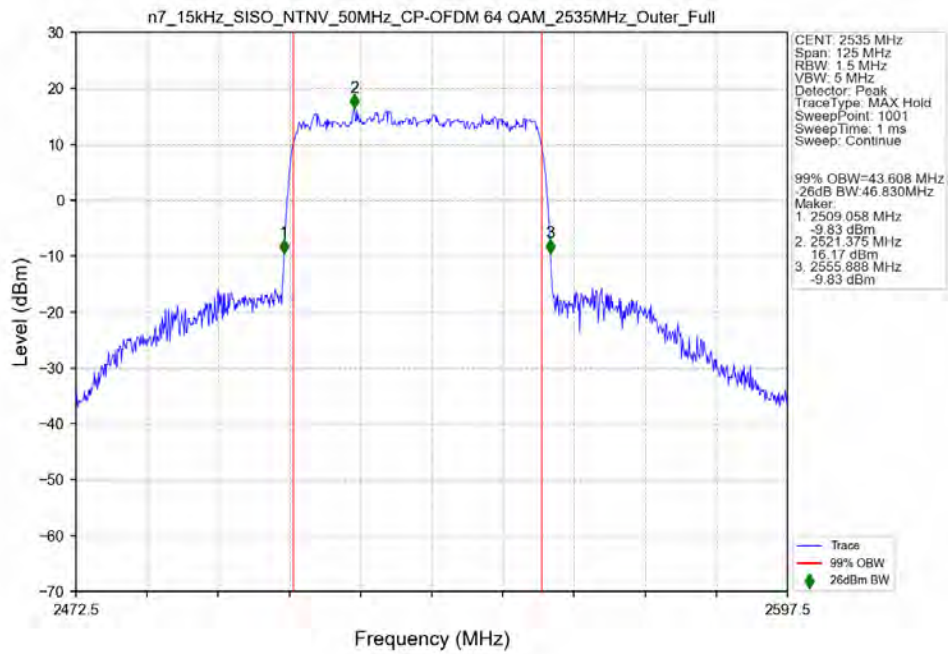
n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2535MHz_Outer_Full_Ant31



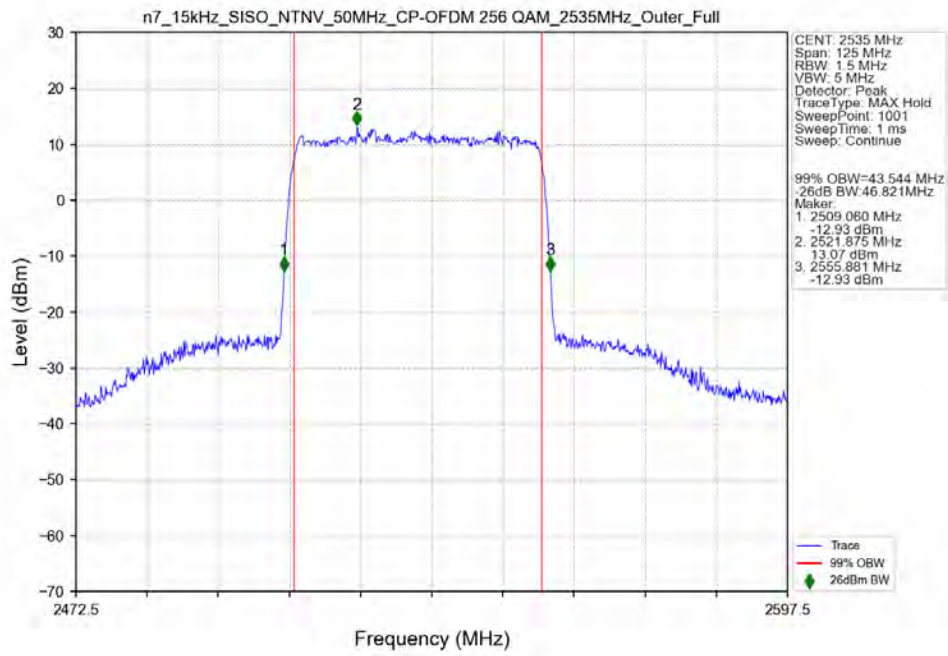
n7_15kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant31



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant31



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_256_QAM_2535MHz_Outer_Full_Ant31



4. Peak-Average Ratio

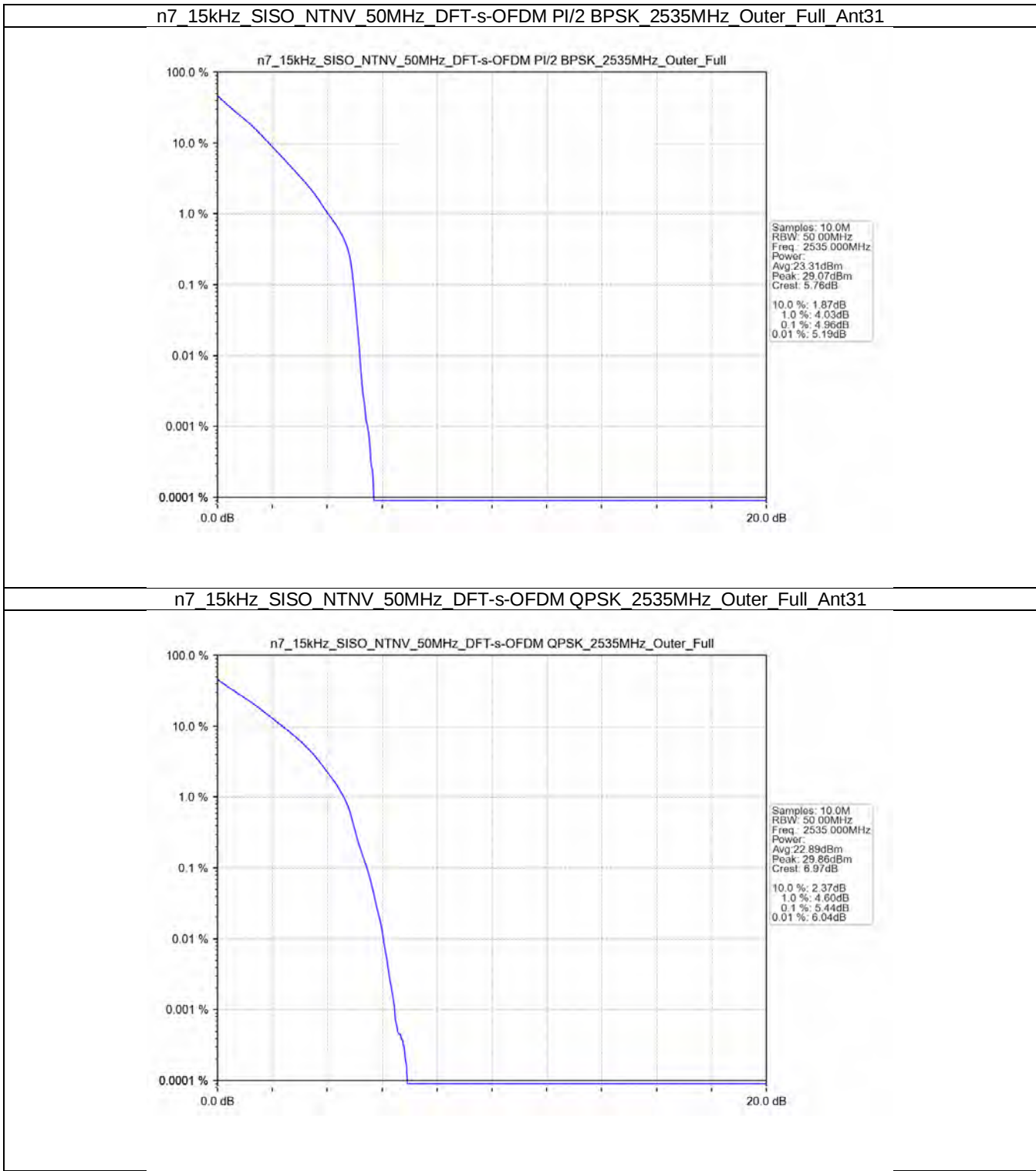
4.1 Test Result

4.1.1 15k_SISO_50MHz_NTNV

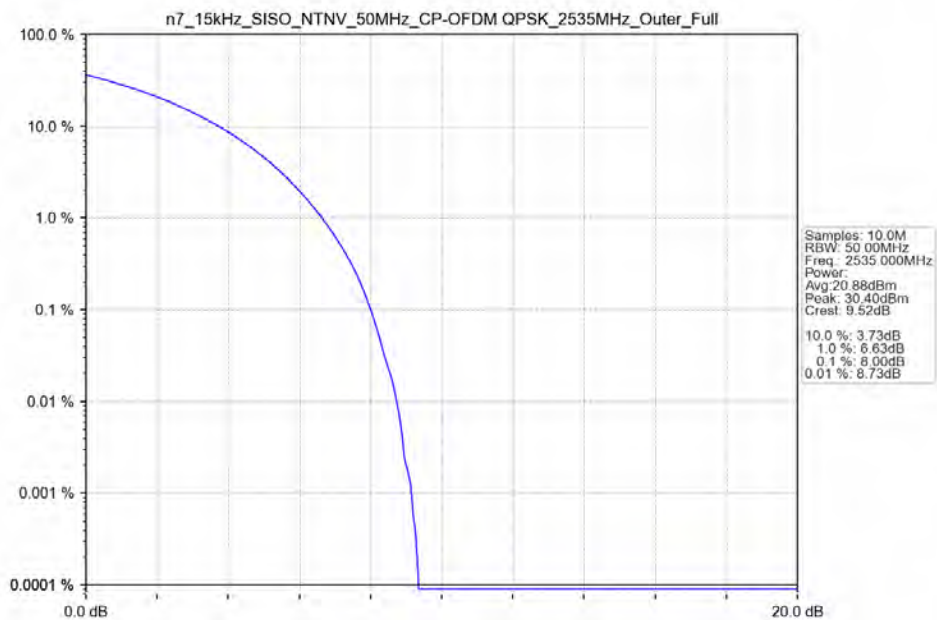
5G NR n7 SCS=15kHz SISO 50MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2535	Outer_Full	4.96	/	/	<=13	Pass
DFT-s-OFDM QPSK	2535	Outer_Full	5.44	/	/	<=13	Pass
CP-OFDM QPSK	2535	Outer_Full	8.00	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15k_SISO_50MHz_NTNV



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2535MHz_Outer_Full_Ant31



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n7 SCS=15kHz SISO 5MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2502.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
	2567.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
	2567.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2502.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
	2567.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

5.1.2 15k_SISO_25MHz_NTNV

5G NR n7 SCS=15kHz SISO 25MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2512.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
	2557.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2512.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
	2557.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	2512.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	2535	Edge_1RB_Left	Refer To Test Graph				Pass
	2557.5	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

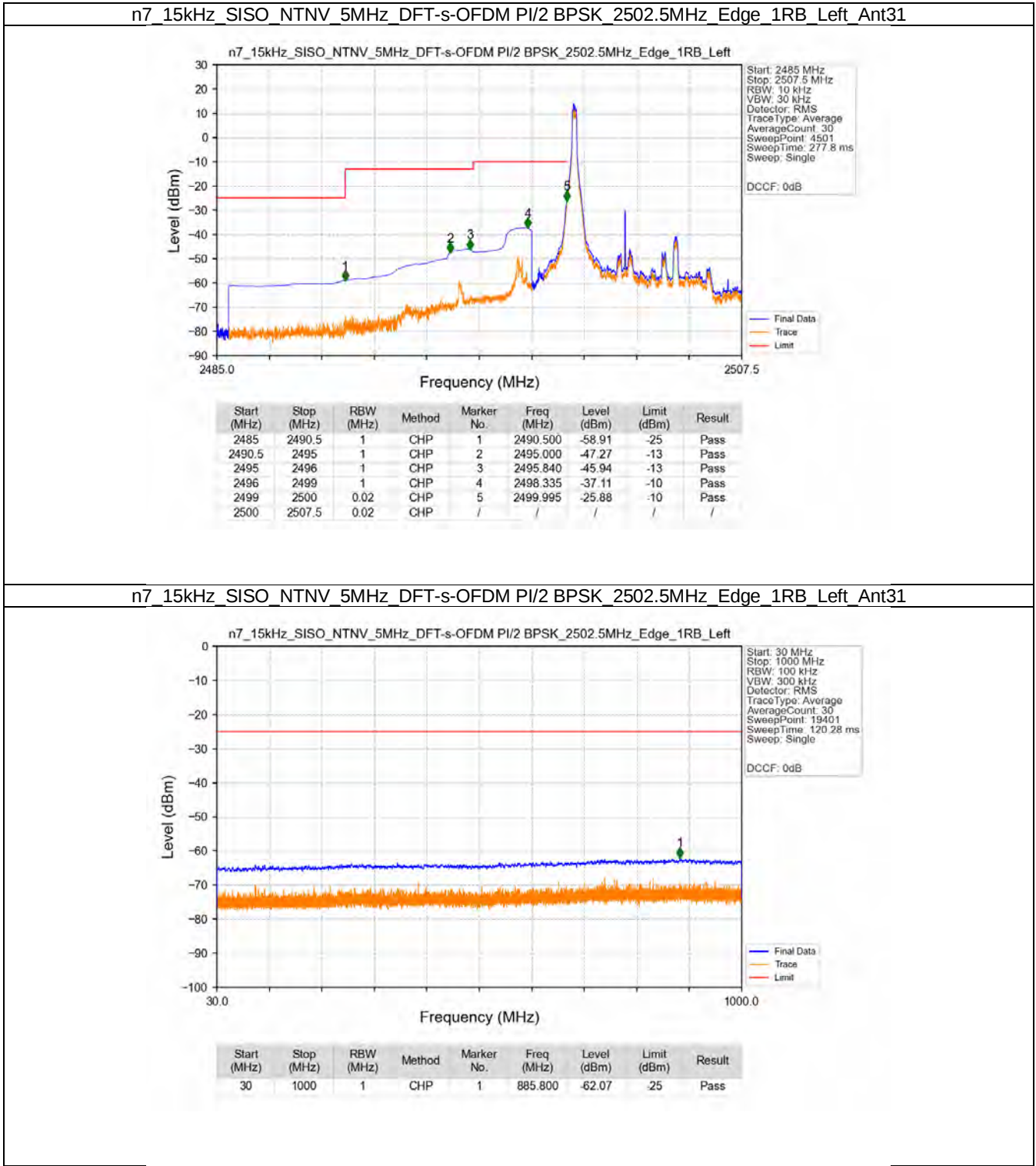
5.1.3 15k_SISO_50MHz_NTNV

5G NR n7 SCS=15kHz SISO 50MHz NTNV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant31	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2525	Edge 1RB Left	Refer To Test Graph				Pass

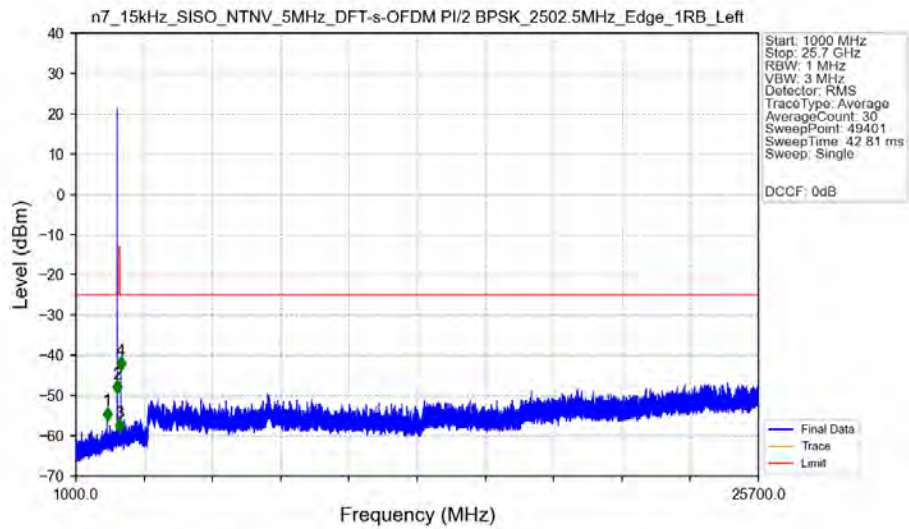
		Outer_Full	Refer To Test Graph	Pass
	2535	Edge_1RB_Left	Refer To Test Graph	Pass
	2545	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
DFT-s-OFDM QPSK	2525	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	2535	Edge_1RB_Left	Refer To Test Graph	Pass
	2545	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
CP-OFDM QPSK	2525	Edge_1RB_Left	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	2535	Edge_1RB_Left	Refer To Test Graph	Pass
	2545	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

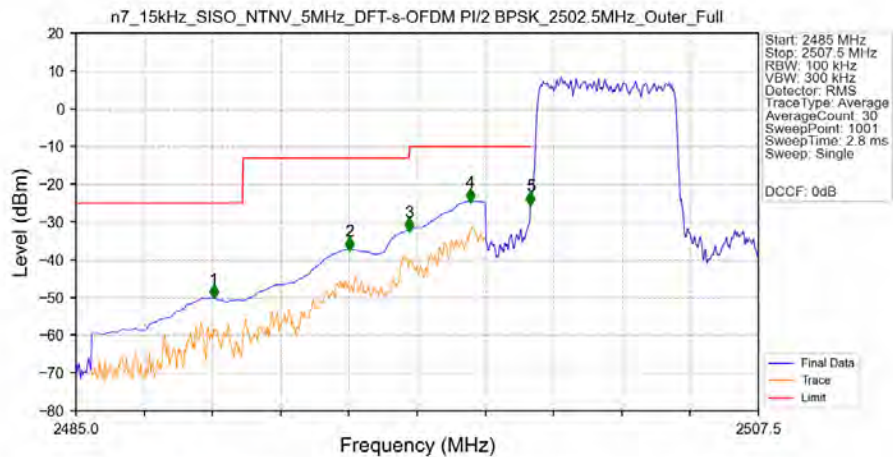


n7 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 2502.5MHz Edge 1RB Left Ant31



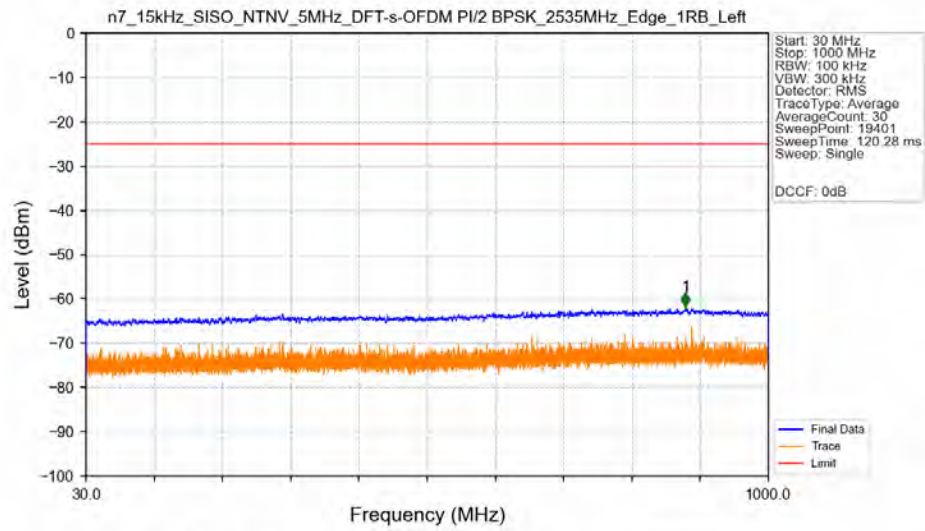
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2126.000	-56.22	-25	Pass
2490.5	2495	1	/	2	2494.500	-49.53	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2576.000	-59.08	-13	Pass
2576	25700	1	/	4	2621.500	-43.68	-25	Pass

n7 15kHz SISO NTN 5MHz DFT-s-OFDM PI/2 BPSK 2502.5MHz Outer_Full Ant31

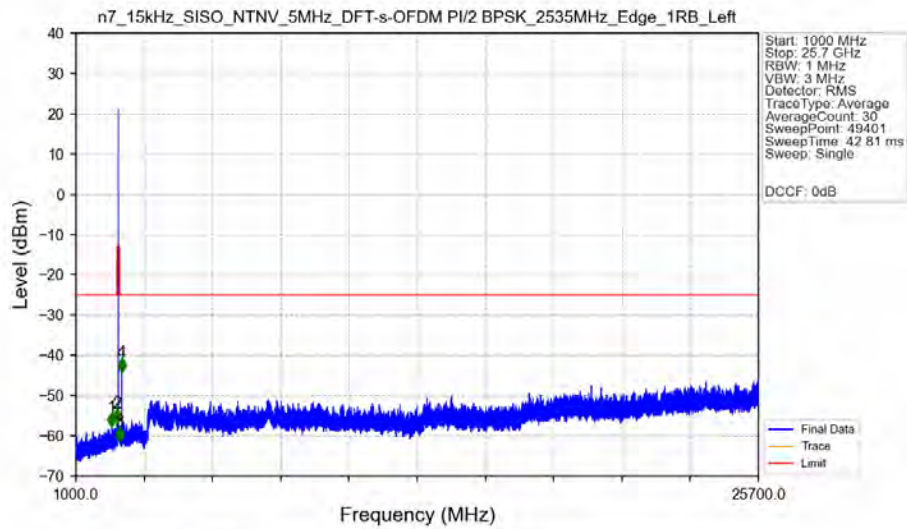


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.545	-50.04	-25	Pass
2490.5	2495	1	CHP	2	2494.023	-37.25	-13	Pass
2495	2496	1	CHP	3	2495.980	-32.25	-13	Pass
2496	2499	1	CHP	4	2498.005	-24.48	-10	Pass
2499	2500	0.1	/	5	2499.985	-25.28	-10	Pass
2500	2507.5	0.1	/	/	/	/	/	/

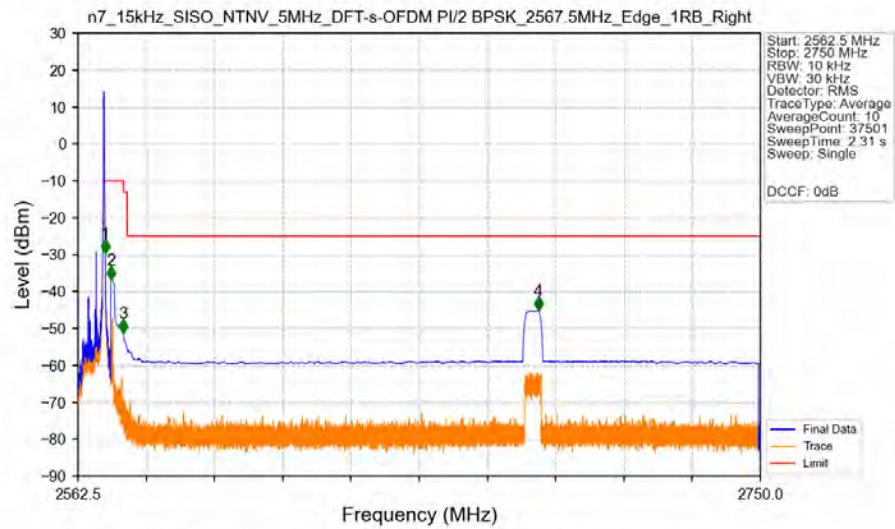
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2535MHz_Edge_1RB_Left_Ant31



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2535MHz_Edge_1RB_Left_Ant31

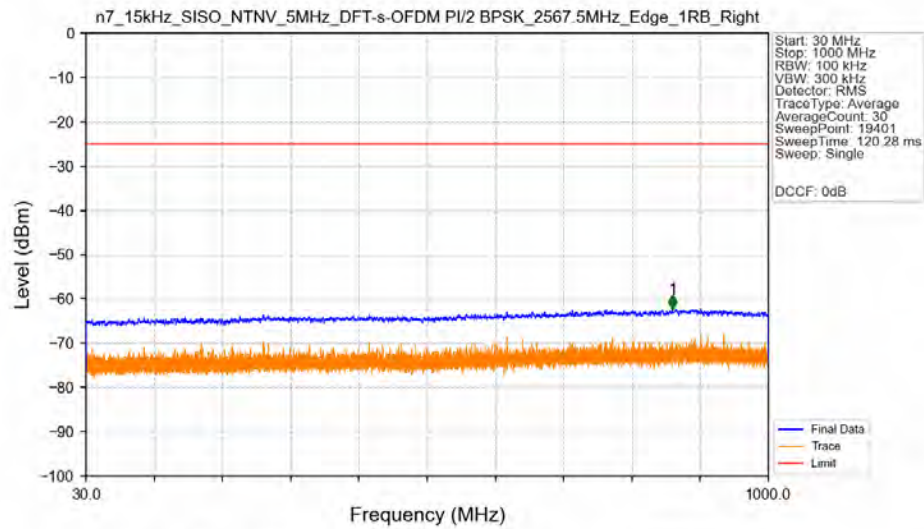


n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2567.5MHz_Edge_1RB_Right_Ant31



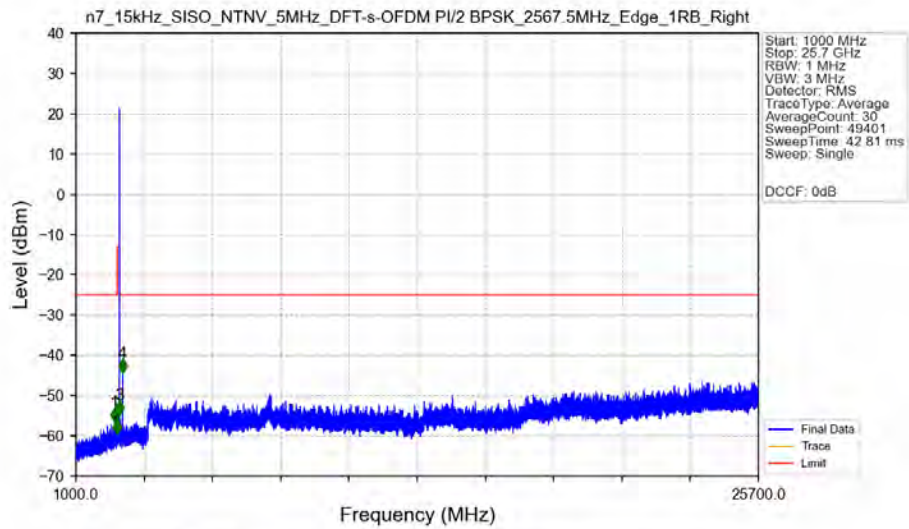
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-29.54	-10	Pass
2571	2575	1	CHP	2	2571.630	-36.89	-10	Pass
2575	2576	1	CHP	3	2575.005	-51.30	-13	Pass
2576	2750	1	CHP	4	2689.065	-45.18	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2567.5MHz_Edge_1RB_Right_Ant31



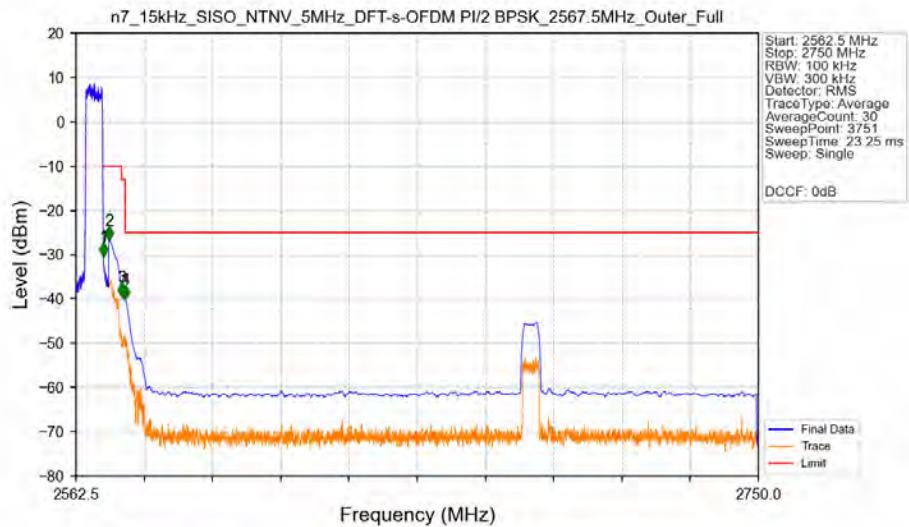
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	863.700	-62.24	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2567.5MHz_Edge_1RB_Right_Ant31



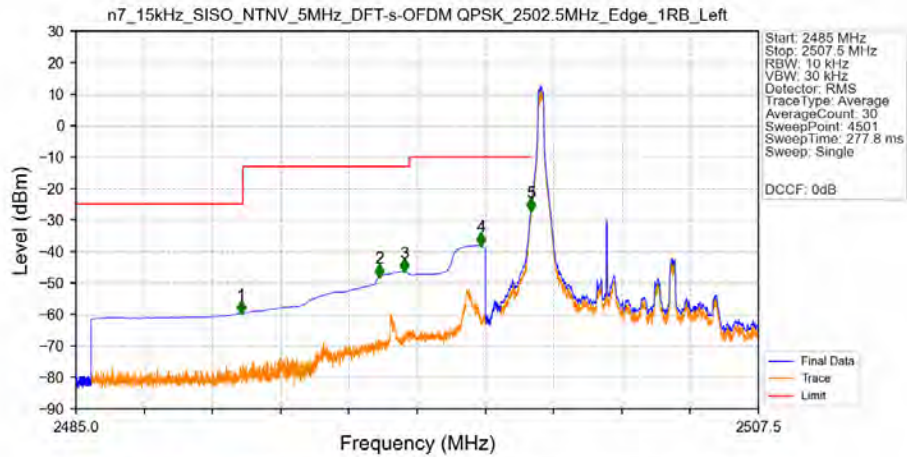
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2395.000	-56.61	-25	Pass
2490.5	2495	1	/	2	2492.500	-59.47	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2576.000	-54.80	-13	Pass
2576	25700	1	/	4	2687.500	-44.34	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_PI/2_BPSK_2567.5MHz_Outer_Full_Ant31

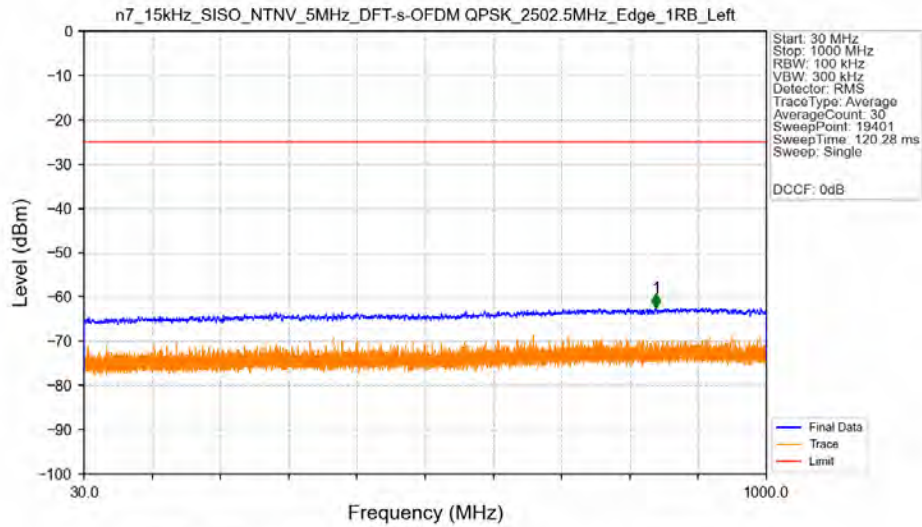


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.050	-30.48	-10	Pass
2571	2575	1	CHP	2	2571.550	-26.81	-10	Pass
2575	2576	1	CHP	3	2575.050	-39.44	-13	Pass
2576	2750	1	CHP	4	2576.050	-40.11	-25	Pass

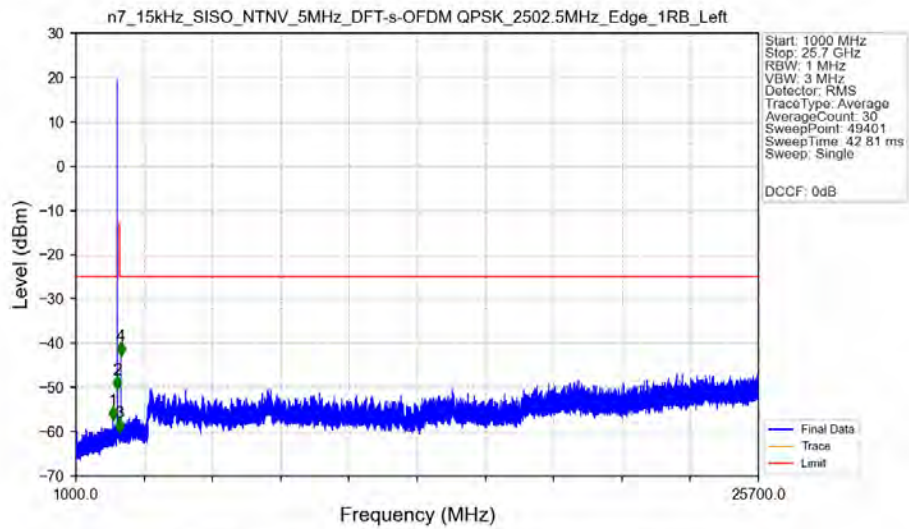
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2502.5MHz_Edge_1RB_Left_Ant31



n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2502.5MHz_Edge_1RB_Left_Ant31

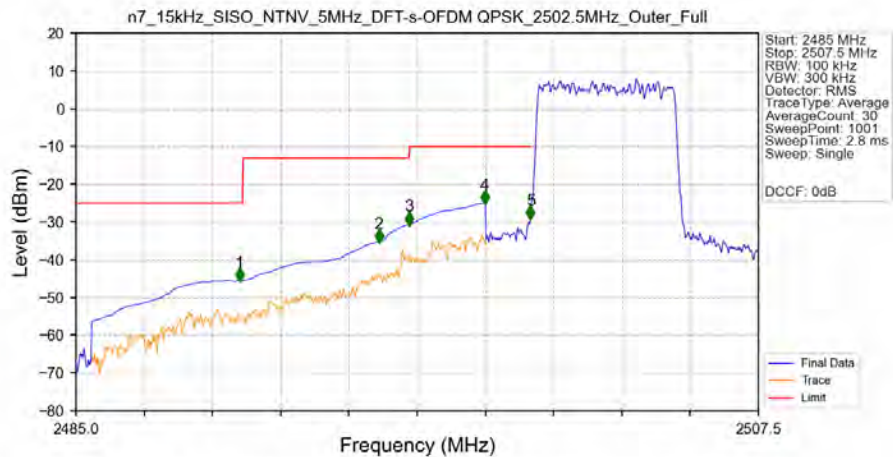


n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2502.5MHz_Edge_1RB_Left_Ant31



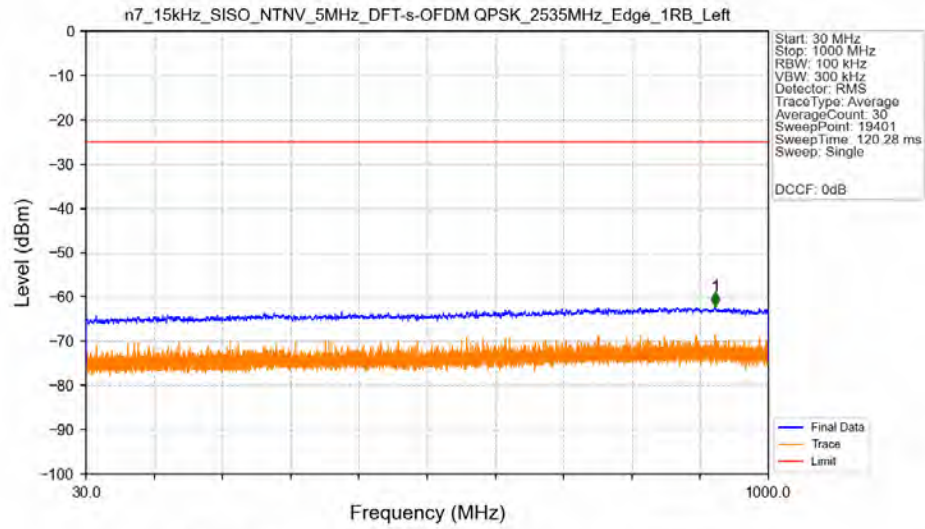
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2333.500	-57.30	-25	Pass
2490.5	2495	1	/	2	2494.500	-50.44	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2575.500	-60.05	-13	Pass
2576	25700	1	/	4	2622.000	-42.81	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2502.5MHz_Outer_Full_Ant31



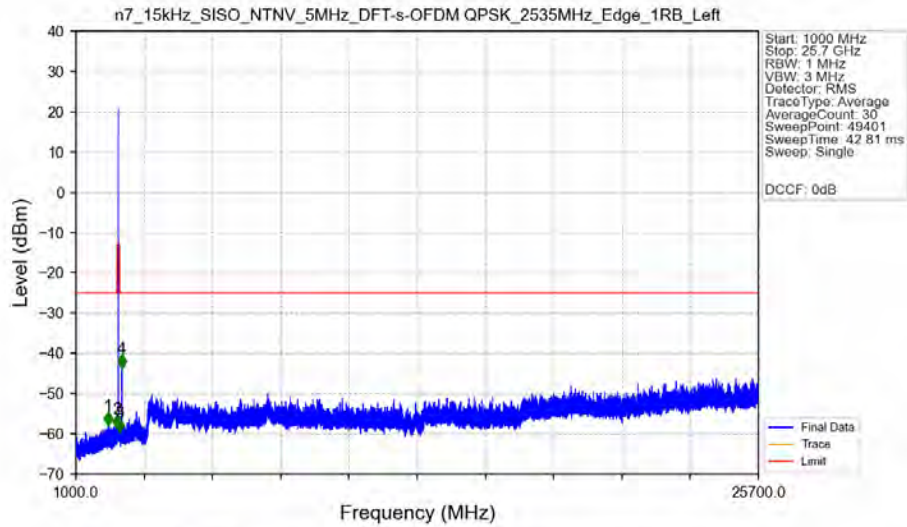
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.400	-45.44	-25	Pass
2490.5	2495	1	CHP	2	2494.990	-35.18	-13	Pass
2495	2496	1	CHP	3	2495.980	-30.64	-13	Pass
2496	2499	1	CHP	4	2498.477	-25.04	-10	Pass
2499	2500	0.1	/	5	2499.985	-29.02	-10	Pass
2500	2507.5	0.1	/	/	/	/	/	/

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31



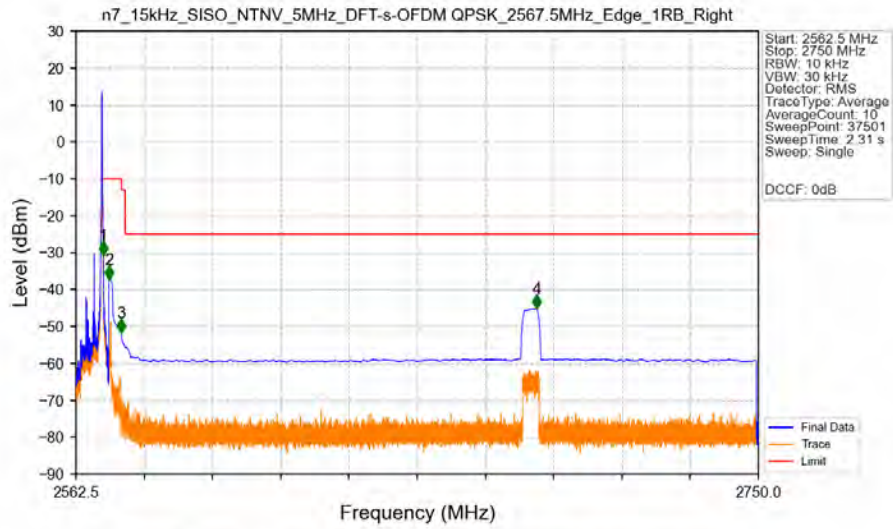
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	924.700	-62.07	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31



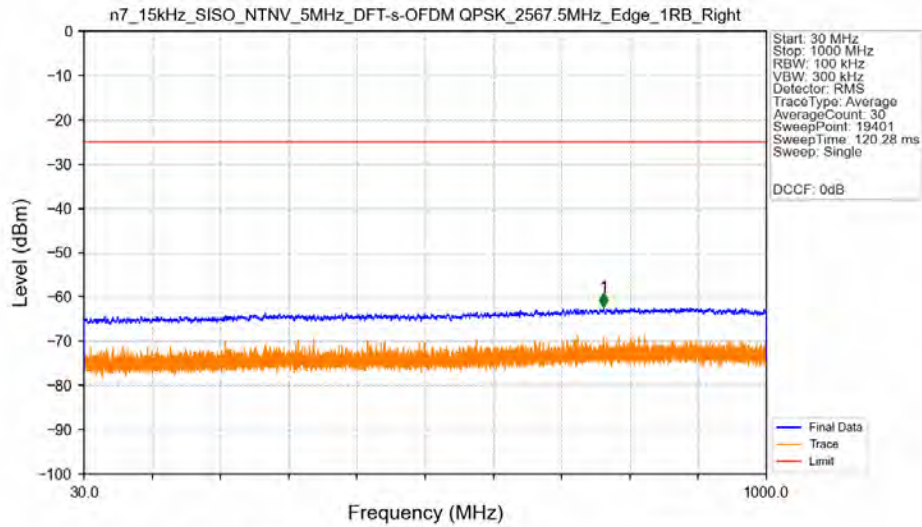
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2161.500	-57.88	-25	Pass
2490.5	2495	1	/	2	2494.000	-58.69	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2576.000	-59.46	-13	Pass
2576	25700	1	/	4	2656.000	-43.64	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2567.5MHz_Edge_1RB_Right_Ant31



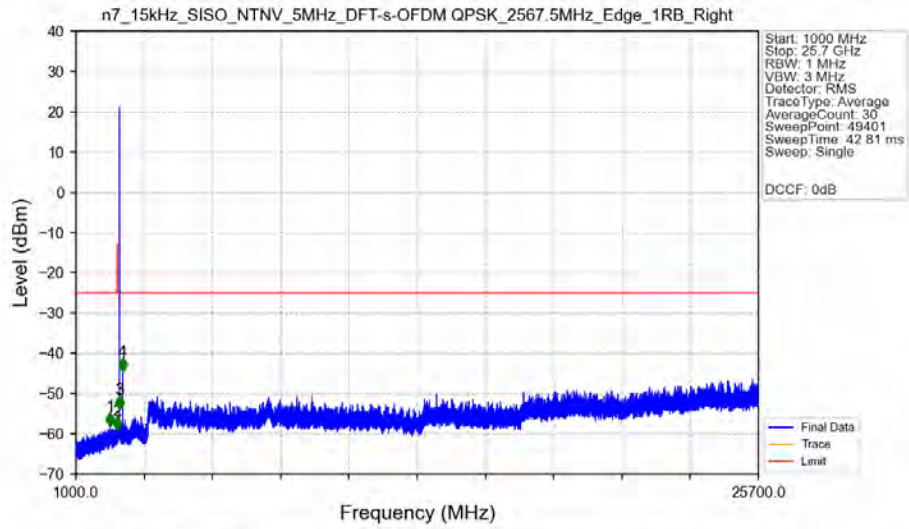
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-30.79	-10	Pass
2571	2575	1	CHP	2	2571.635	-37.21	-10	Pass
2575	2576	1	CHP	3	2575.005	-51.67	-13	Pass
2576	2750	1	CHP	4	2689.100	-45.23	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2567.5MHz_Edge_1RB_Right_Ant31



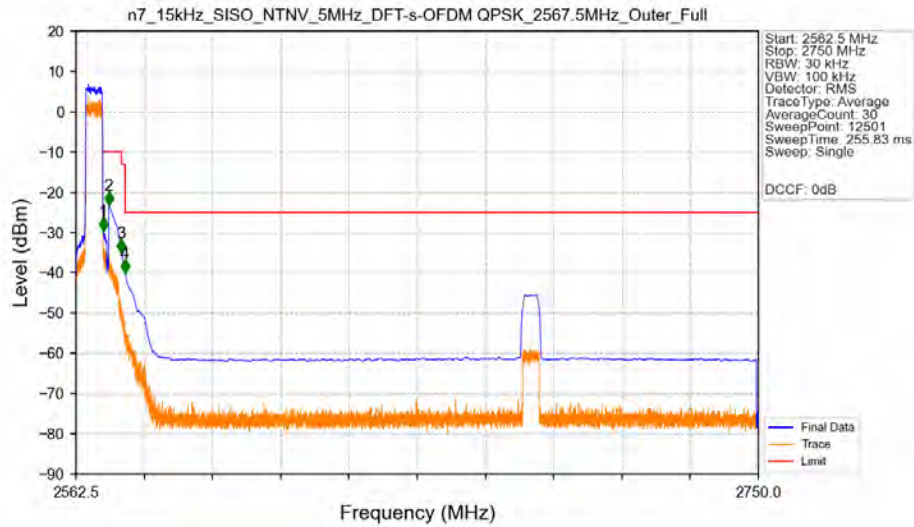
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	769.900	-62.24	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2567.5MHz_Edge_1RB_Right_Ant31



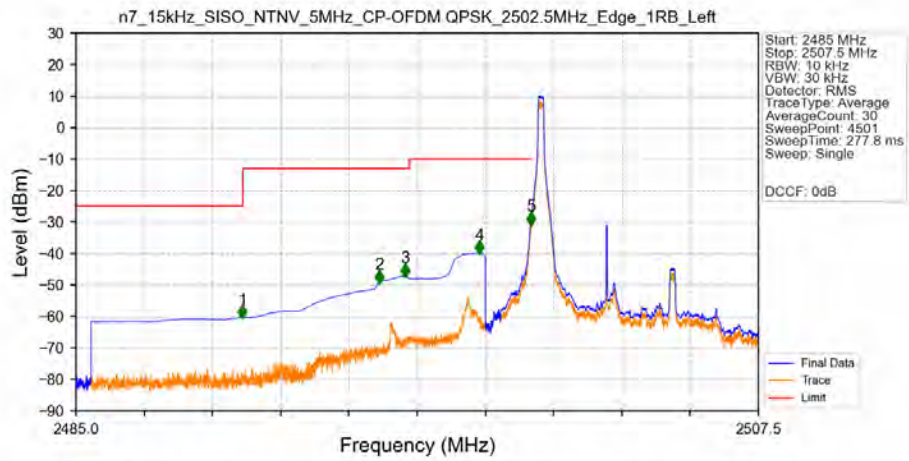
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2238.000	-58.02	-25	Pass
2490.5	2495	1	/	2	2493.500	-59.19	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2575.500	-53.82	-13	Pass
2576	25700	1	/	4	2688.500	-44.41	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2567.5MHz_Outer_Full_Ant31



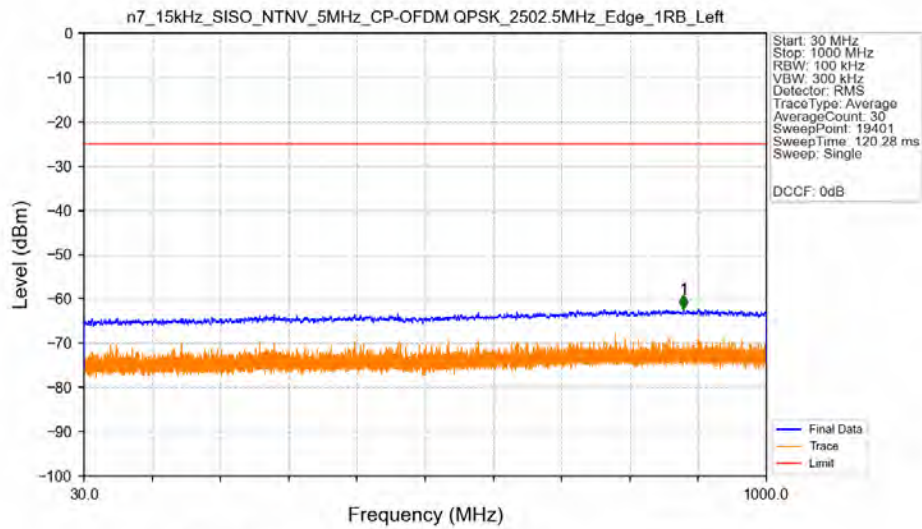
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.099	CHP	/	/	/	/	/
2570	2571	0.099	CHP	1	2570.015	-29.69	-10	Pass
2571	2575	1	CHP	2	2571.500	-23.21	-10	Pass
2575	2576	1	CHP	3	2575.010	-35.07	-13	Pass
2576	2750	1	CHP	4	2576.015	-40.04	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2502.5MHz_Edge_1RB_Left_Ant31



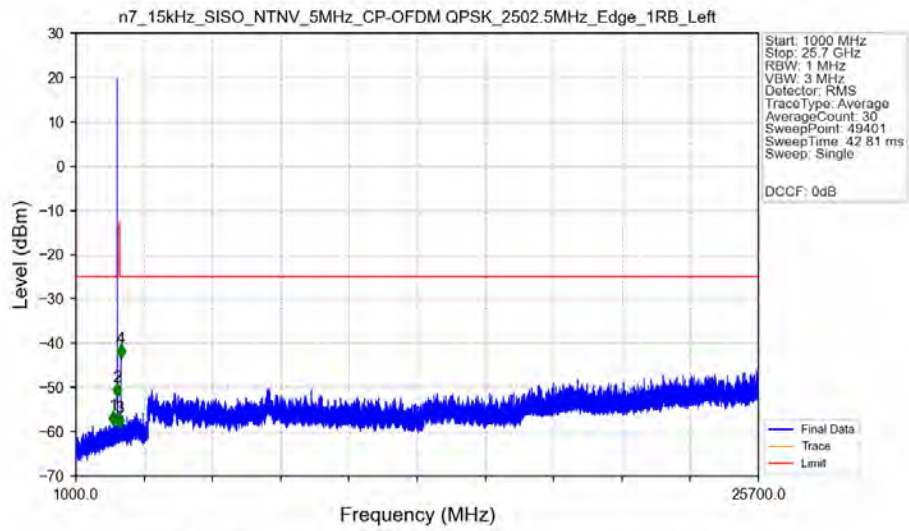
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-60.47	-25	Pass
2490.5	2495	1	CHP	2	2495.000	-49.23	-13	Pass
2495	2496	1	CHP	3	2495.855	-47.17	-13	Pass
2496	2499	1	CHP	4	2498.305	-39.88	-10	Pass
2499	2500	0.02	CHP	5	2499.995	-30.81	-10	Pass
2500	2507.5	0.02	CHP	/	/	/	/	/

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2502.5MHz_Edge_1RB_Left_Ant31



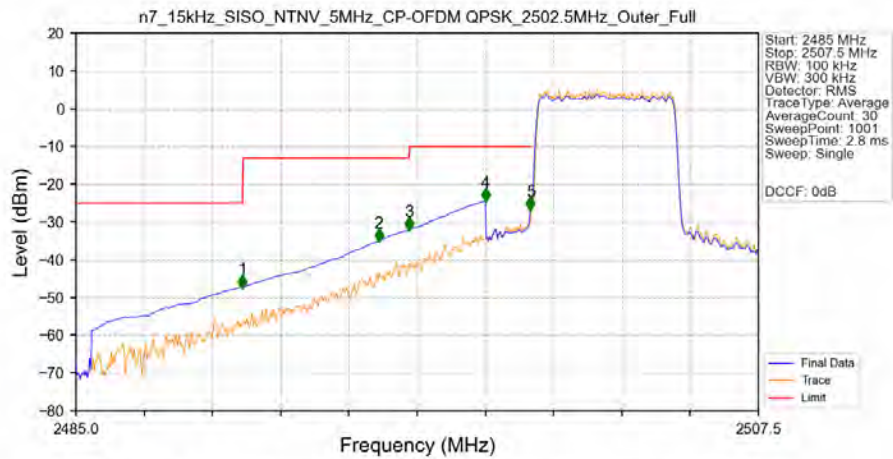
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	882.350	-62.17	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2502.5MHz_Edge_1RB_Left_Ant31



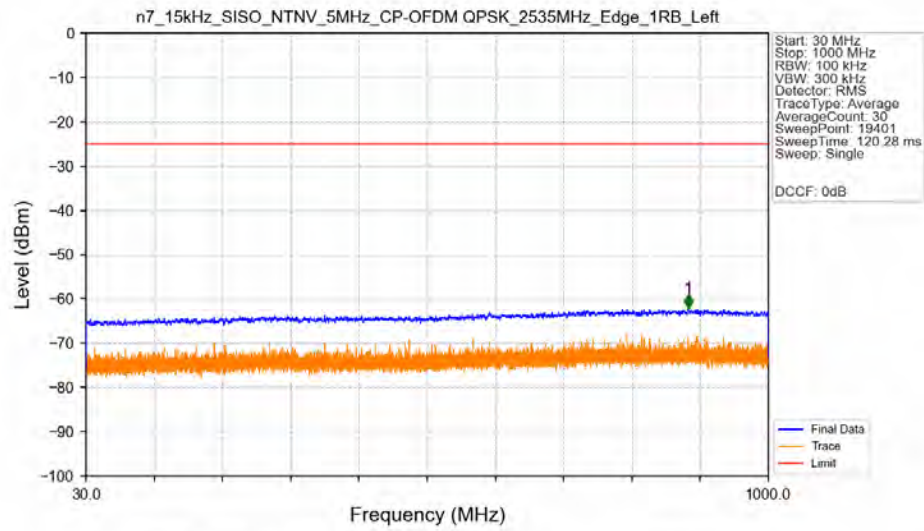
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2353.500	-58.47	-25	Pass
2490.5	2495	1	/	2	2493.500	-52.17	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2576.000	-58.94	-13	Pass
2576	25700	1	/	4	2624.000	-43.27	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2502.5MHz_Outer_Full_Ant31

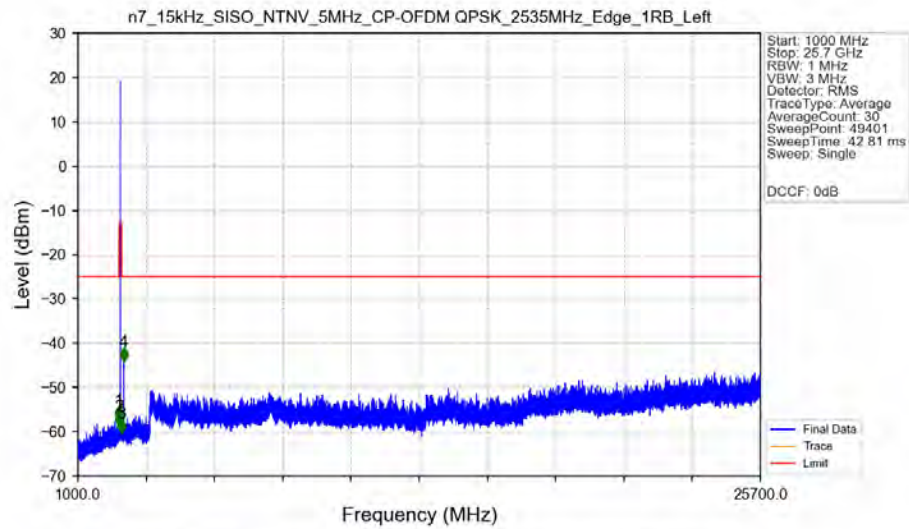


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-47.32	-25	Pass
2490.5	2495	1	CHP	2	2494.990	-35.08	-13	Pass
2495	2496	1	CHP	3	2495.980	-32.09	-13	Pass
2496	2499	1	CHP	4	2498.500	-24.40	-10	Pass
2499	2500	0.101	CHP	5	2499.985	-26.64	-10	Pass
2500	2507.5	0.101	CHP	/	/	/	/	/

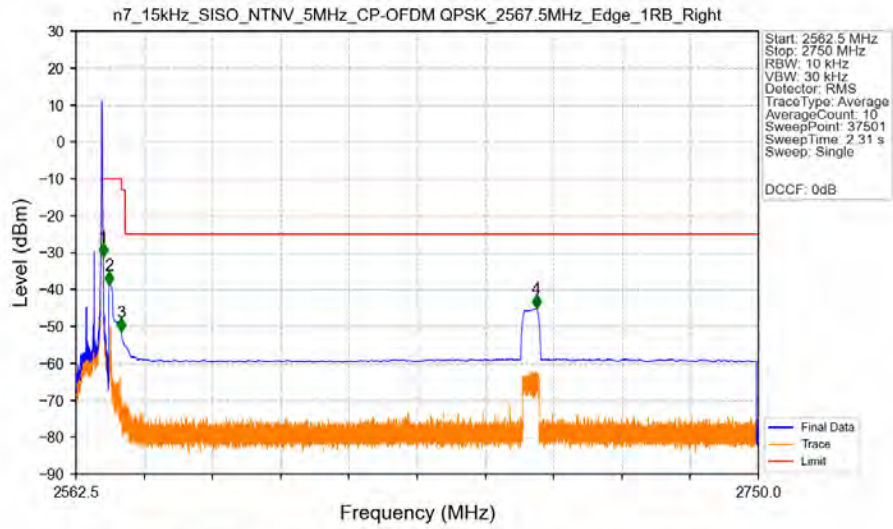
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31



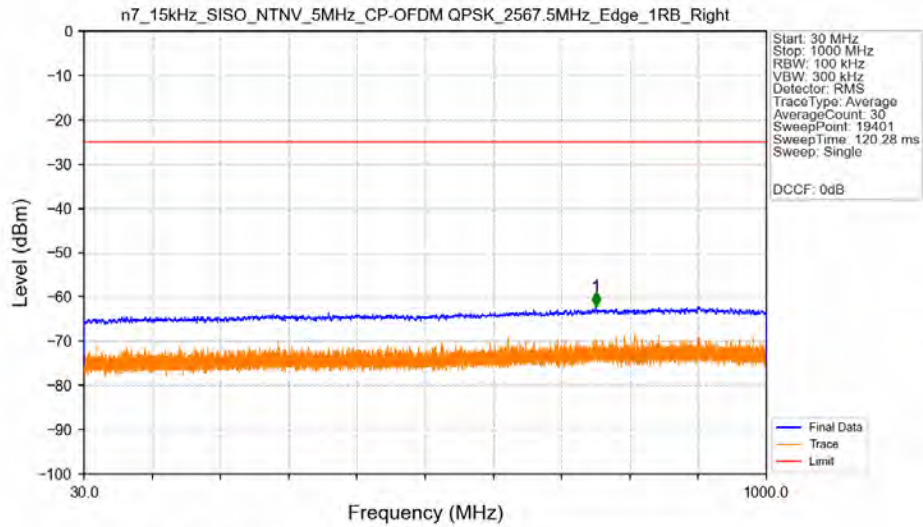
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31



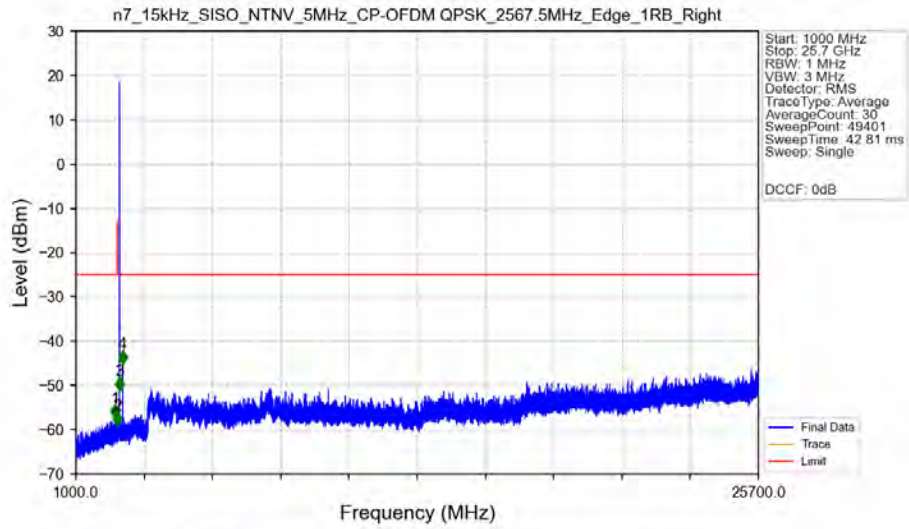
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2567.5MHz_Edge_1RB_Right_Ant31



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2567.5MHz_Edge_1RB_Right_Ant31

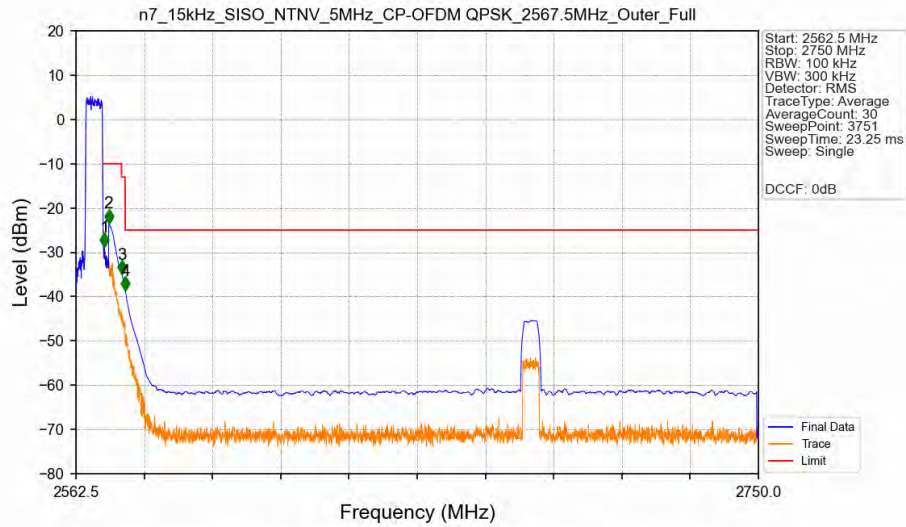


n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2567.5MHz_Edge_1RB_Right_Ant31



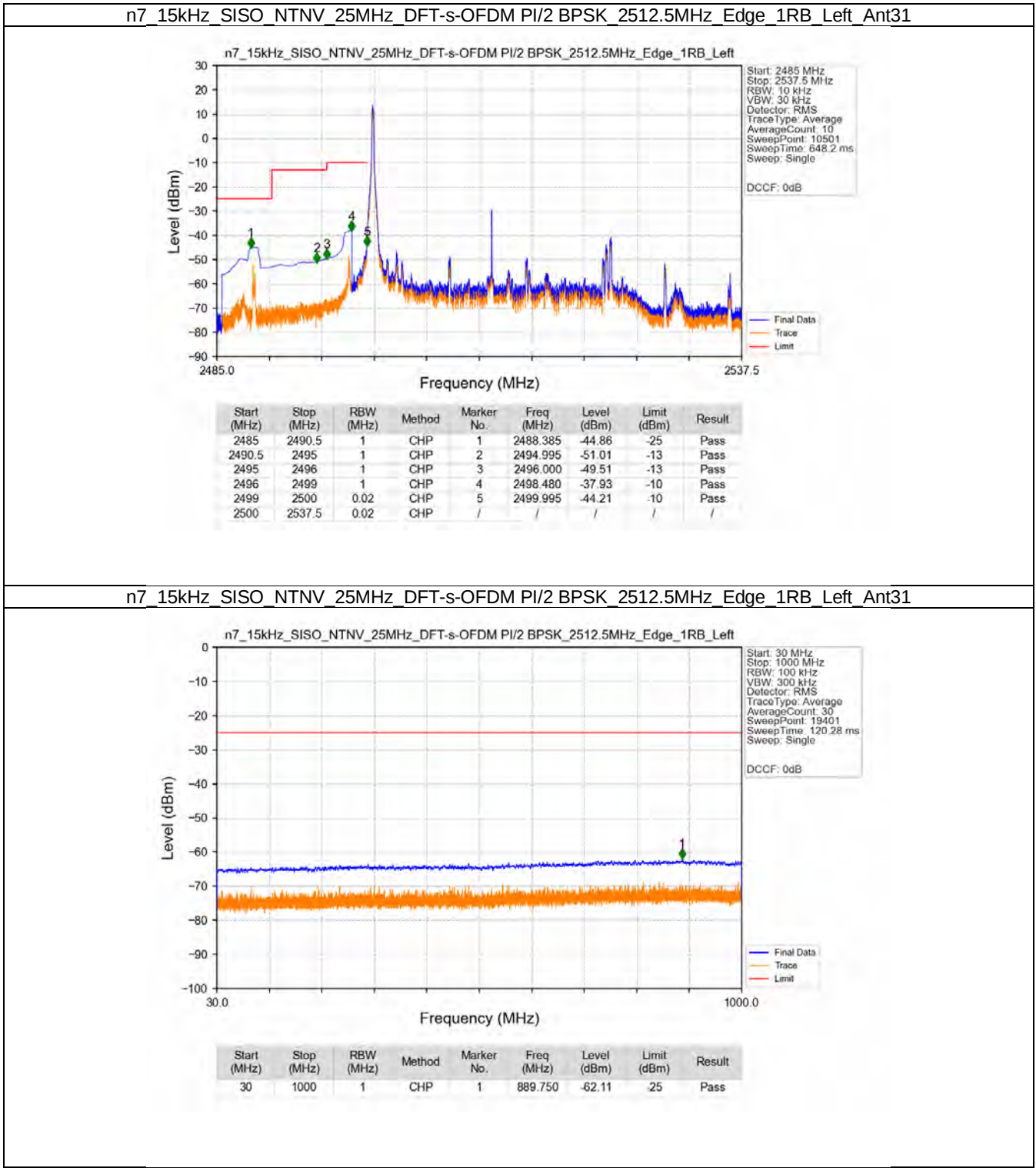
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2415.500	-57.40	-25	Pass
2490.5	2495	1	/	2	2491.000	-58.98	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2575.500	-51.13	-13	Pass
2576	25700	1	/	4	2688.000	-45.08	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2567.5MHz_Outer_Full_Ant31

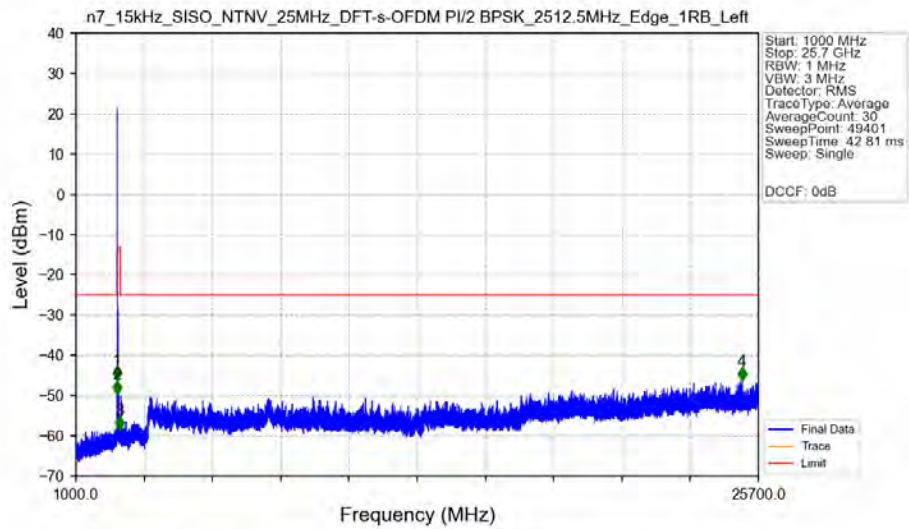


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.350	-28.78	-10	Pass
2571	2575	1	CHP	2	2571.500	-23.39	-10	Pass
2575	2576	1	CHP	3	2575.050	-34.95	-13	Pass
2576	2750	1	CHP	4	2576.050	-38.59	-25	Pass

5.2.2 15k_SISO_25MHz_NTNV

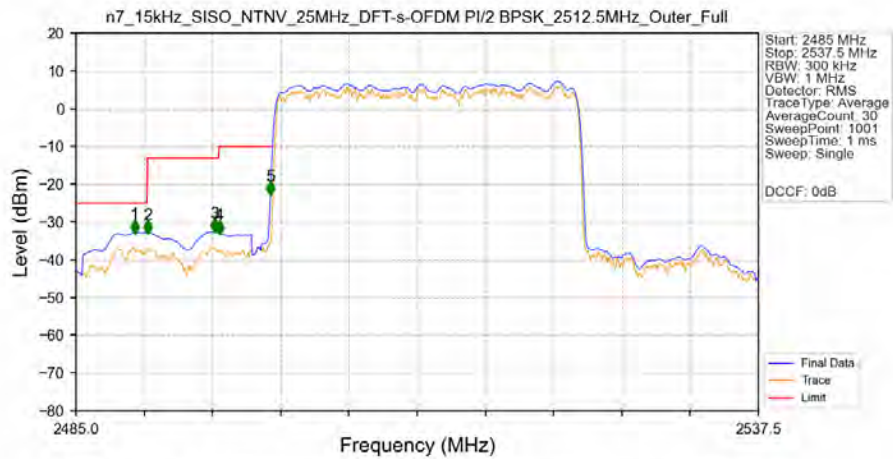


n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2512.5MHz_Edge_1RB_Left_Ant31



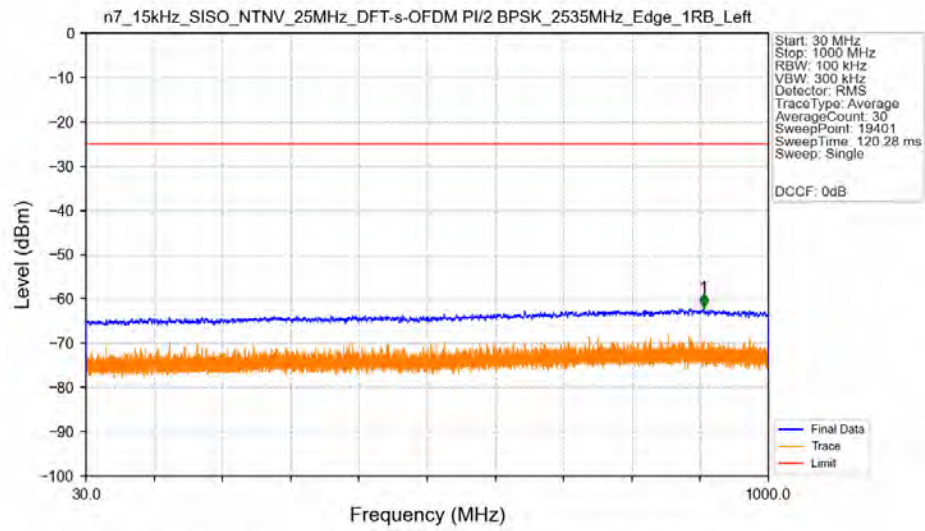
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2488.500	-46.03	-25	Pass
2490.5	2495	1	/	2	2494.500	-49.75	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2595	1	/	3	2590.500	-58.60	-13	Pass
2595	25700	1	/	4	25109.500	-46.36	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2512.5MHz_Outer_Full_Ant31

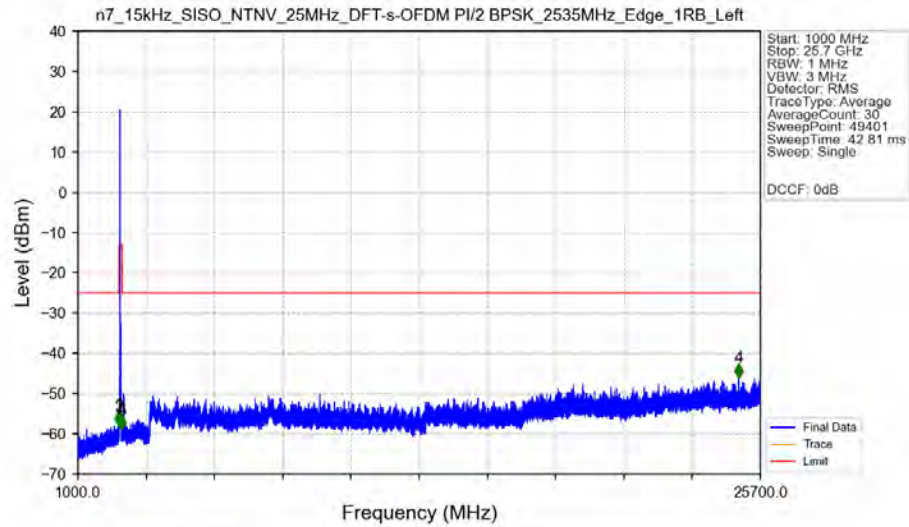


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.515	-32.76	-25	Pass
2490.5	2495	1	CHP	2	2490.512	-32.89	-13	Pass
2495	2496	1	CHP	3	2495.657	-32.53	-13	Pass
2496	2499	1	CHP	4	2496.025	-33.02	-10	Pass
2499	2500	0.494	CHP	5	2499.963	-22.62	-10	Pass
2500	2537.5	0.494	CHP	/	/	/	/	/

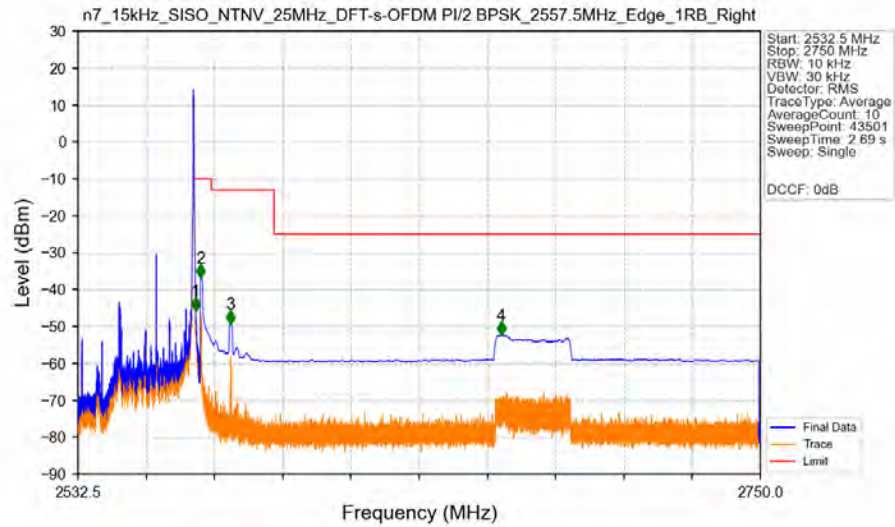
n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2535MHz_Edge_1RB_Left_Ant31



n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2535MHz_Edge_1RB_Left_Ant31

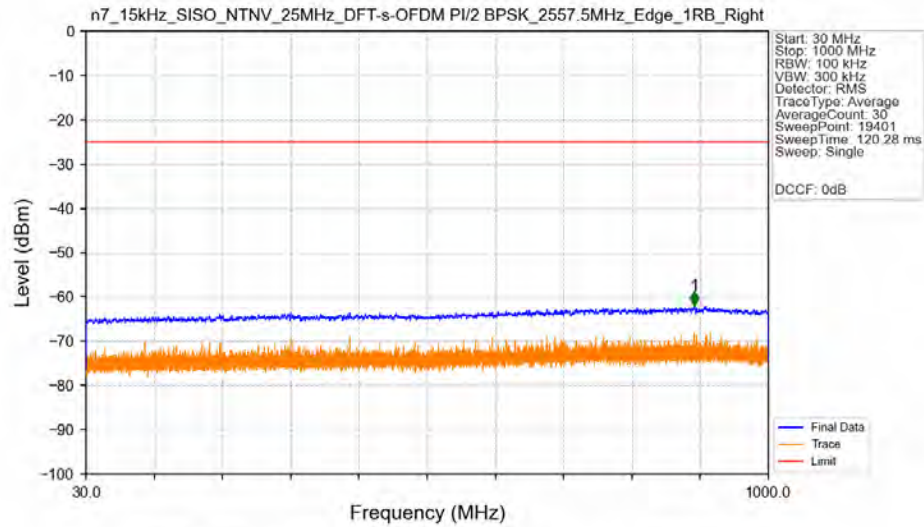


n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2557.5MHz_Edge_1RB_Right_Ant31



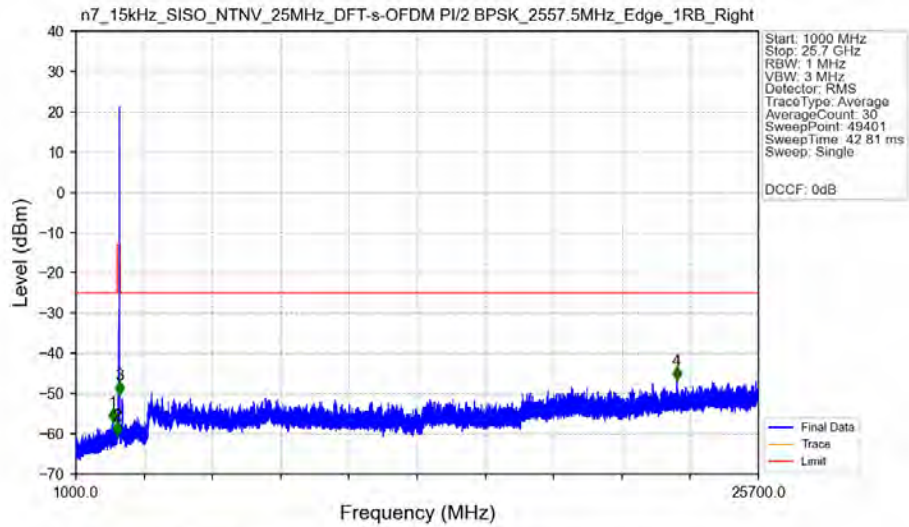
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2532.5	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-45.76	-10	Pass
2571	2575	1	CHP	2	2571.500	-36.85	-10	Pass
2575	2595	1	CHP	3	2581.035	-49.31	-13	Pass
2595	2750	1	CHP	4	2667.440	-52.26	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_PI/2_BPSK_2557.5MHz_Edge_1RB_Right_Ant31



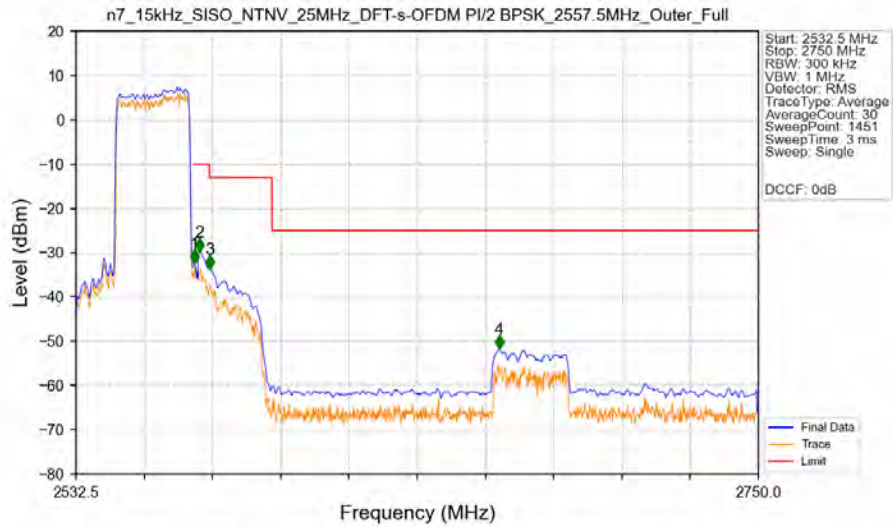
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	894.800	-61.79	25	Pass

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2557.5MHz_Edge_1RB_Right Ant31



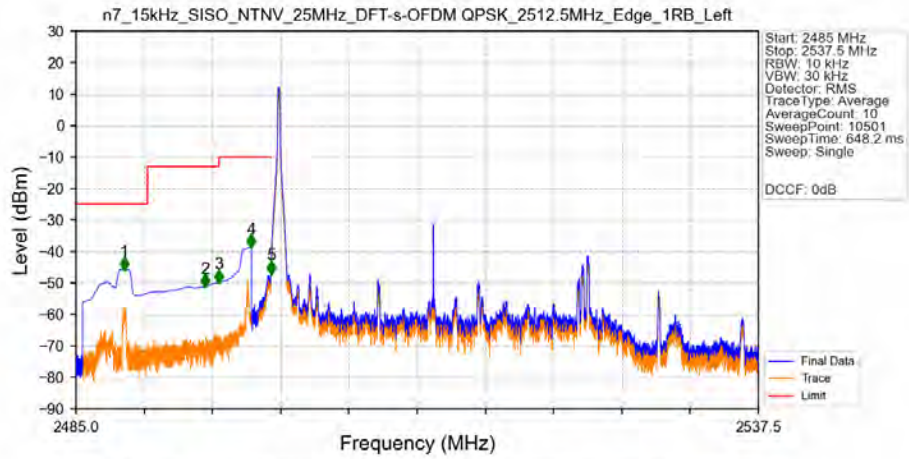
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2337.500	-57.16	-25	Pass
2490.5	2495	1	/	2	2494.500	-60.23	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2595	1	/	3	2581.500	-50.22	-13	Pass
2595	25700	1	/	4	22753.000	-46.78	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM PI/2 BPSK_2557.5MHz_Outer_Full_Ant31

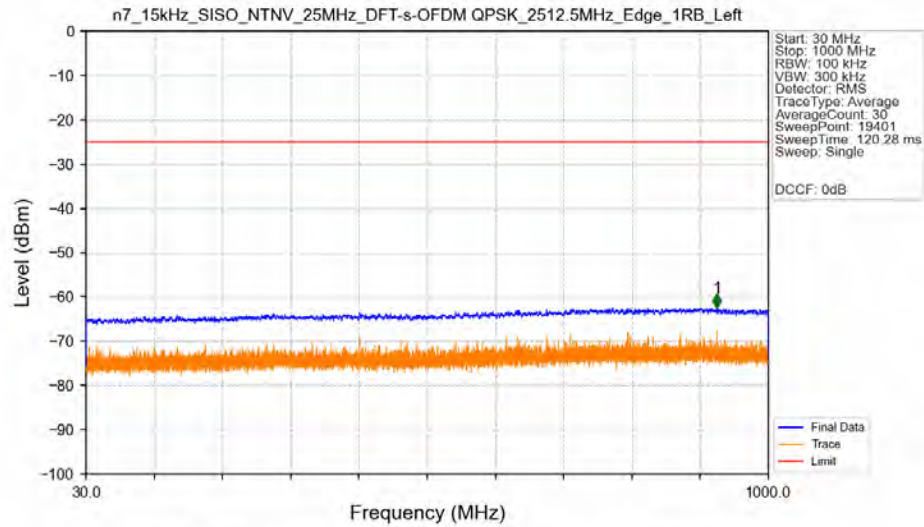


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2532.5	2570	0.494	CHP	/	/	/	/	/
2570	2571	0.494	CHP	1	2570.300	-32.48	-10	Pass
2571	2575	1	CHP	2	2571.950	-29.91	-10	Pass
2575	2595	1	CHP	3	2575.250	-33.60	-13	Pass
2595	2750	1	CHP	4	2667.350	-51.67	-25	Pass

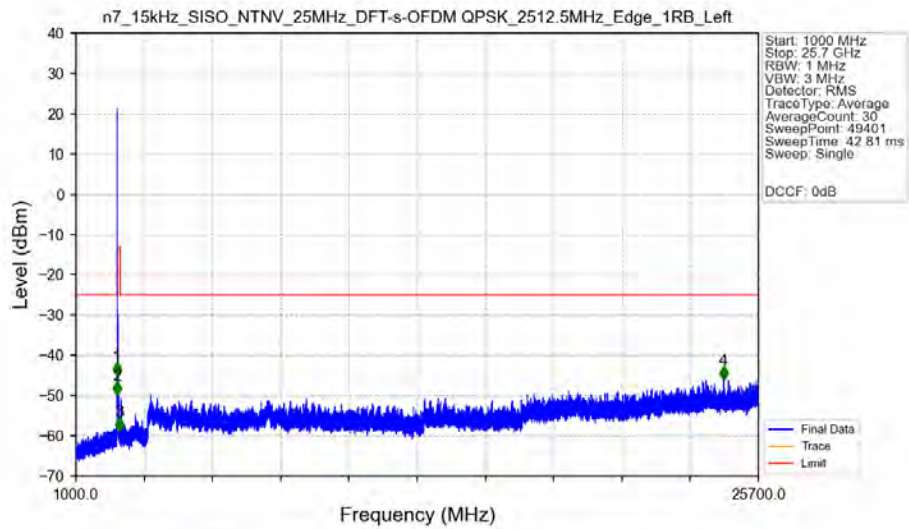
n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2512.5MHz_Edge_1RB_Left_Ant31



n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2512.5MHz_Edge_1RB_Left_Ant31

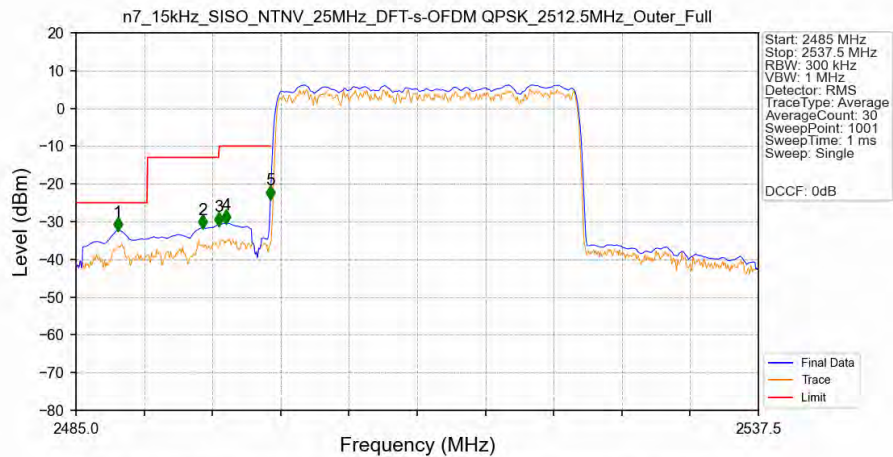


n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2512.5MHz_Edge_1RB_Left_Ant31



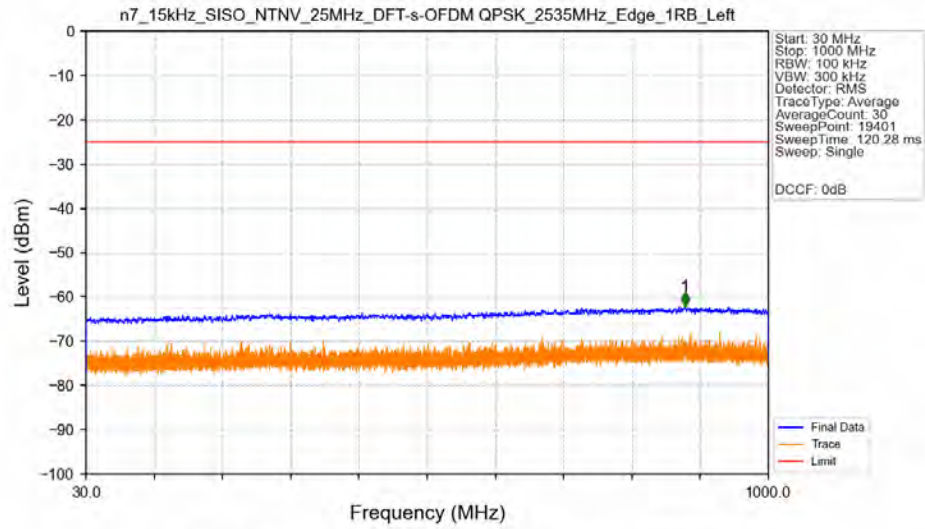
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2488.500	-45.11	-25	Pass
2490.5	2495	1	/	2	2494.500	-49.91	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2595	1	/	3	2577.500	-58.84	-13	Pass
2595	25700	1	/	4	24442.000	-46.05	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2512.5MHz_Outer_Full_Ant31

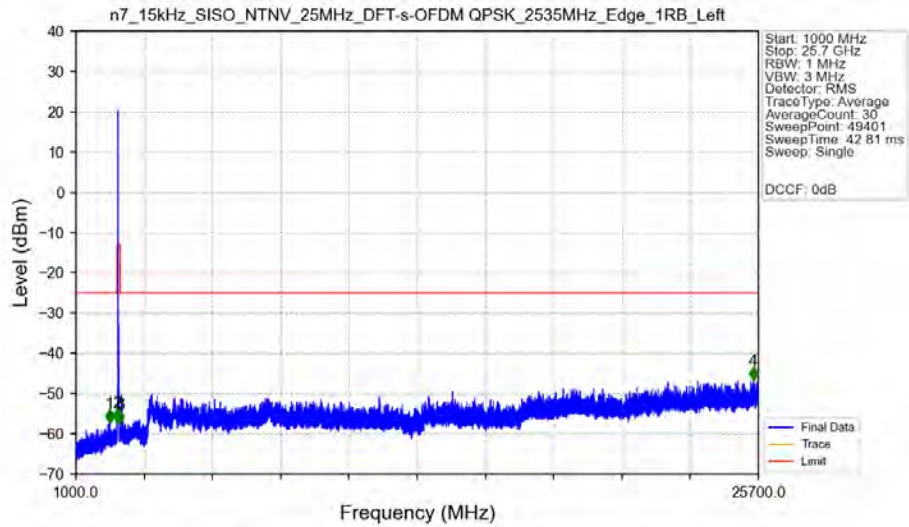


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.202	-32.28	-25	Pass
2490.5	2495	1	CHP	2	2494.765	-31.57	-13	Pass
2495	2496	1	CHP	3	2495.972	-30.86	-13	Pass
2496	2499	1	CHP	4	2496.550	-30.40	-10	Pass
2499	2500	0.513	CHP	5	2499.963	-23.80	-10	Pass
2500	2537.5	0.513	CHP	/	/	/	/	/

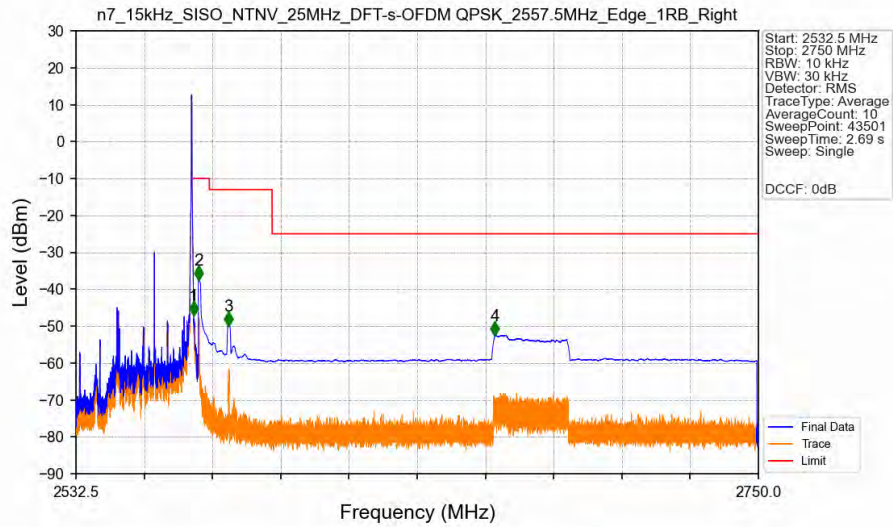
n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31



n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31

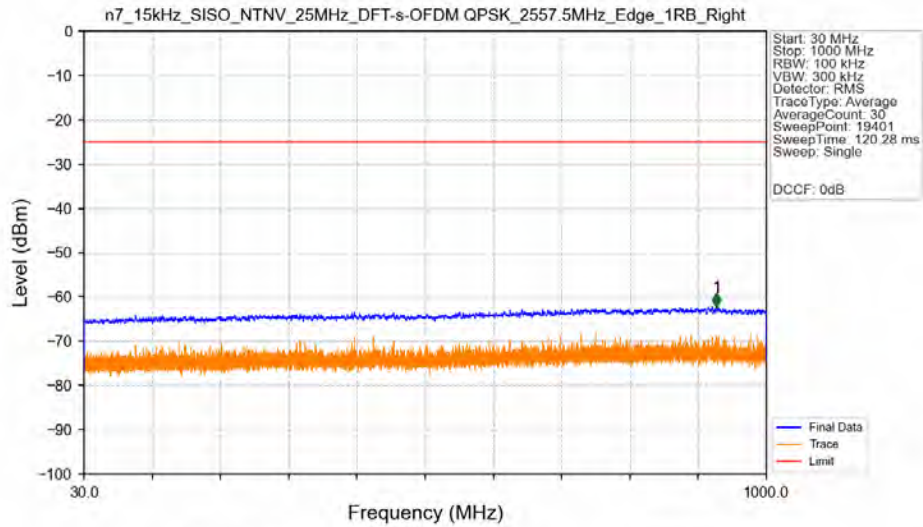


n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2557.5MHz_Edge_1RB_Right_Ant31



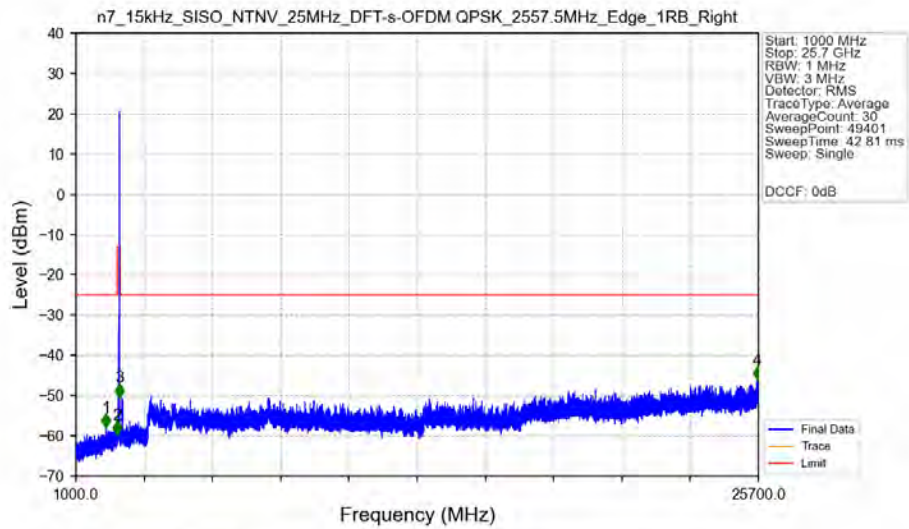
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2532.5	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.010	-47.19	-10	Pass
2571	2575	1	CHP	2	2571.500	-37.40	-10	Pass
2575	2595	1	CHP	3	2581.005	-49.87	-13	Pass
2595	2750	1	CHP	4	2666.055	-52.46	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2557.5MHz_Edge_1RB_Right_Ant31



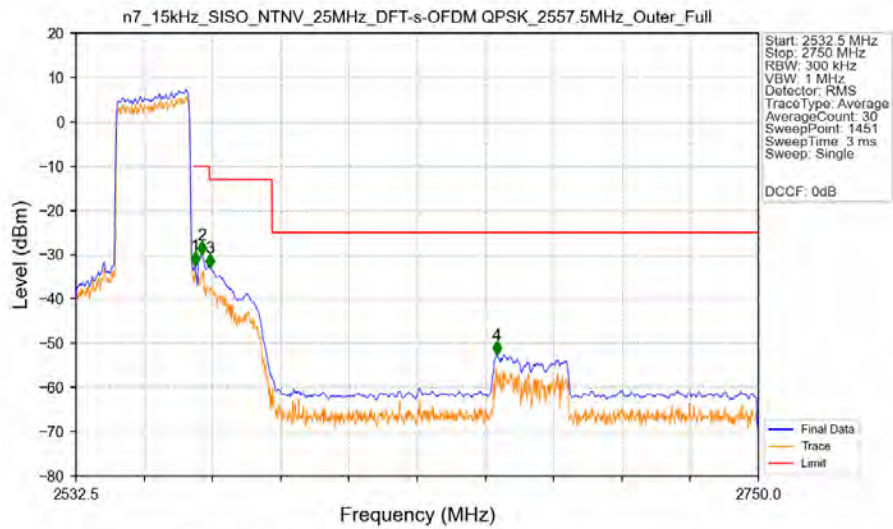
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	929.250	-62.17	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2557.5MHz_Edge_1RB_Right_Ant31



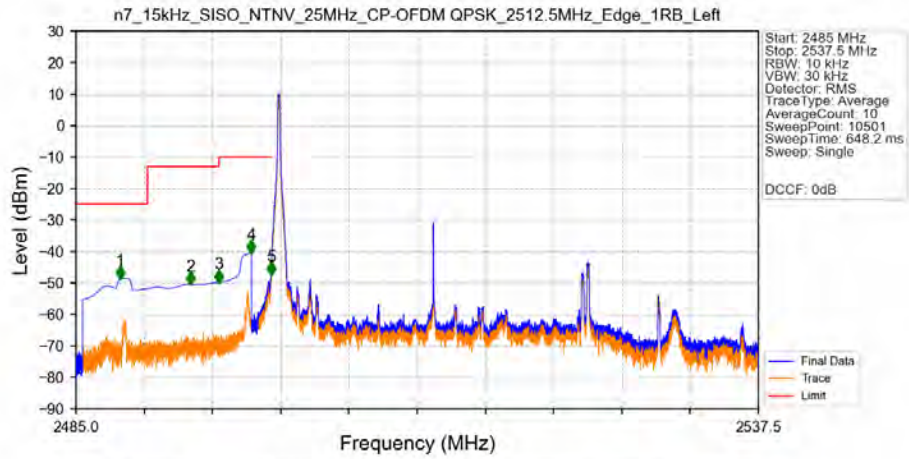
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2088.000	-57.91	-25	Pass
2490.5	2495	1	/	2	2492.500	-59.70	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2595	1	/	3	2581.500	-50.40	-13	Pass
2595	25700	1	/	4	25671.500	-46.13	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2557.5MHz_Outer_Full_Ant31



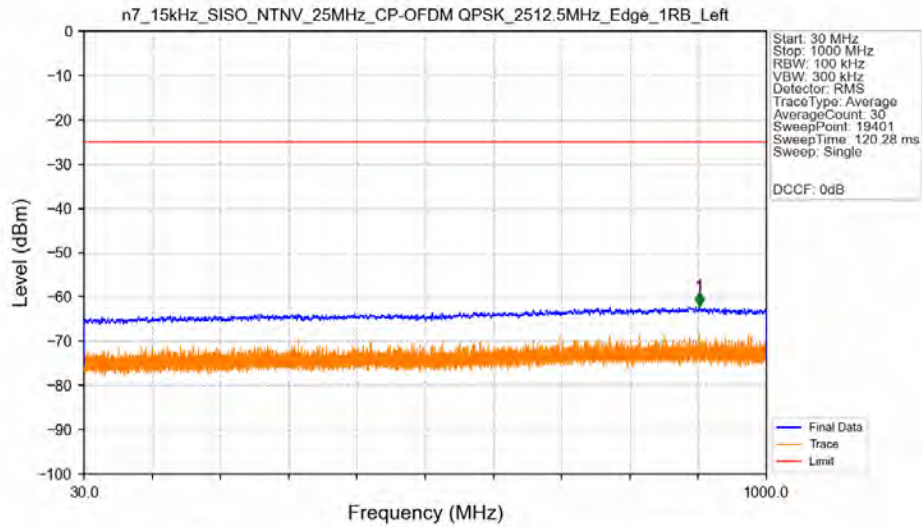
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2532.5	2570	0.513	CHP	/	/	/	/	/
2570	2571	0.513	CHP	1	2570.450	-32.40	-10	Pass
2571	2575	1	CHP	2	2572.550	-29.95	-10	Pass
2575	2595	1	CHP	3	2575.100	-32.99	-13	Pass
2595	2750	1	CHP	4	2666.600	-52.59	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2512.5MHz_Edge_1RB_Left_Ant31



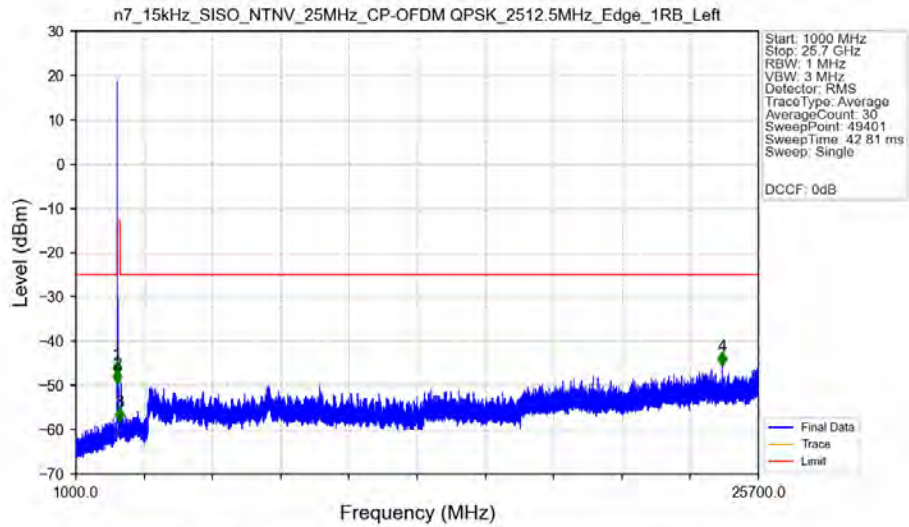
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.410	-48.60	-25	Pass
2490.5	2495	1	CHP	2	2493.810	-50.34	-13	Pass
2495	2496	1	CHP	3	2496.000	-49.77	-13	Pass
2496	2499	1	CHP	4	2498.490	-40.45	-10	Pass
2499	2500	0.02	CHP	5	2499.995	-47.28	-10	Pass
2500	2537.5	0.02	CHP	/	/	/	/	/

n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2512.5MHz_Edge_1RB_Left_Ant31



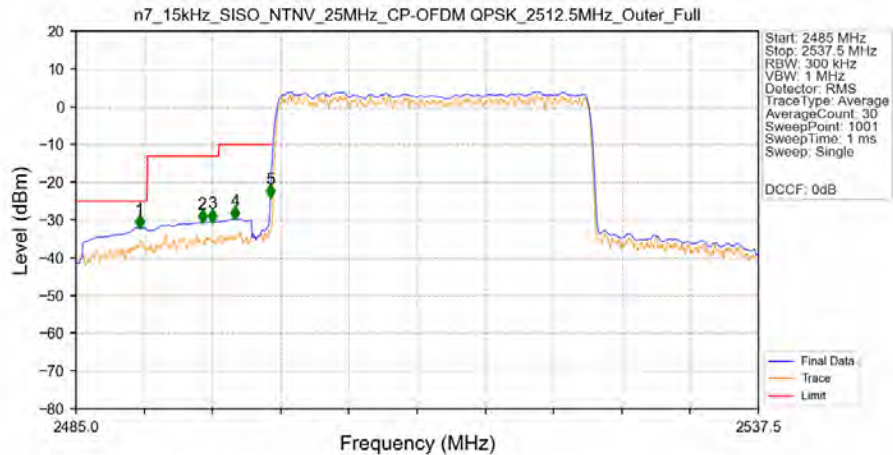
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	904.450	-61.98	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2512.5MHz_Edge_1RB_Left_Ant31



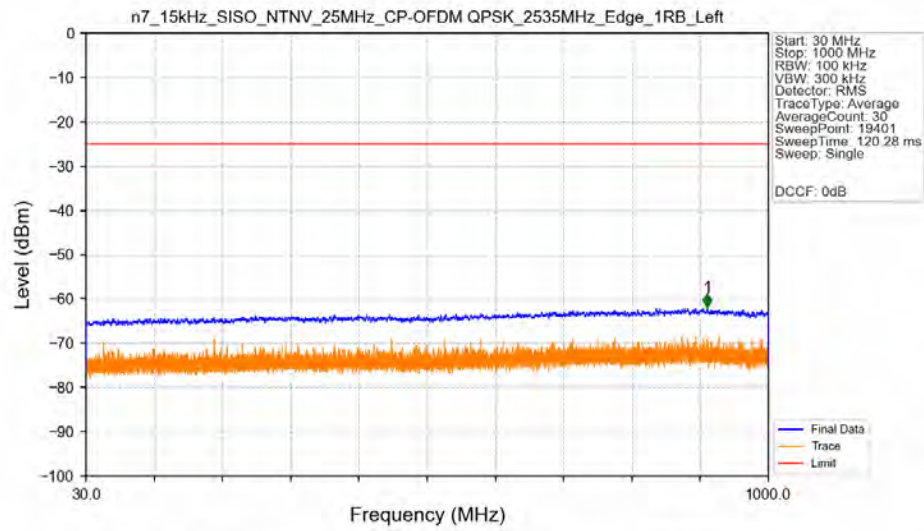
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2489.000	-47.45	-25	Pass
2490.5	2495	1	/	2	2493.500	-49.59	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2595	1	/	3	2583.000	-58.11	-13	Pass
2595	25700	1	/	4	24396.000	-45.53	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2512.5MHz_Outer_Full_Ant31



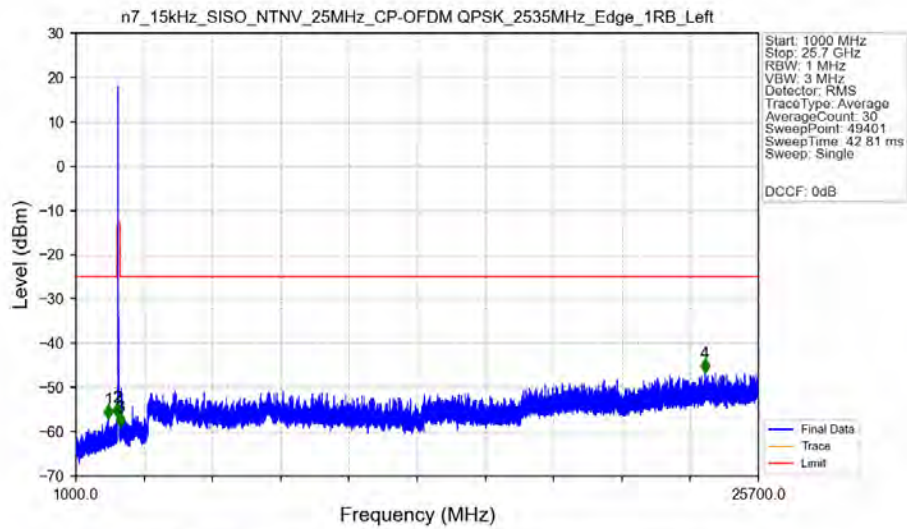
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.883	-32.06	-25	Pass
2490.5	2495	1	CHP	2	2494.713	-30.61	-13	Pass
2495	2496	1	CHP	3	2495.500	-30.43	-13	Pass
2496	2499	1	CHP	4	2497.233	-29.73	-10	Pass
2499	2500	0.494	CHP	5	2499.963	-23.99	-10	Pass
2500	2537.5	0.494	CHP	/	/	/	/	/

n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31



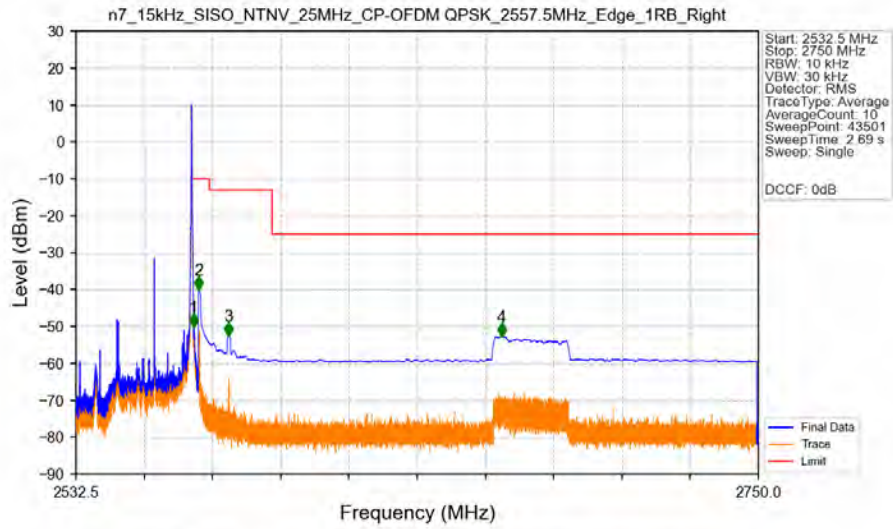
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	913.400	-61.90	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31



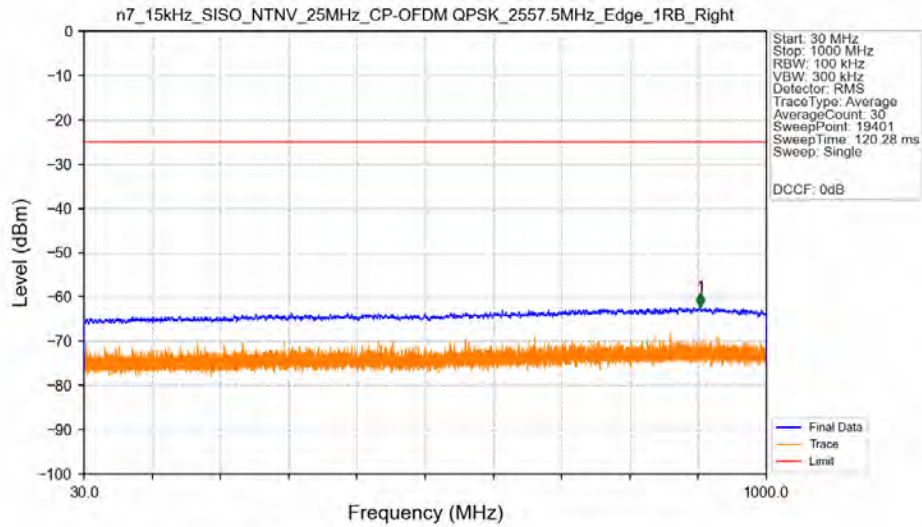
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2171.000	-57.02	-25	Pass
2490.5	2495	1	/	2	2494.000	-56.69	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2595	1	/	3	2595.000	-58.92	-13	Pass
2595	25700	1	/	4	23760.500	-46.55	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2557.5MHz_Edge_1RB_Right_Ant31



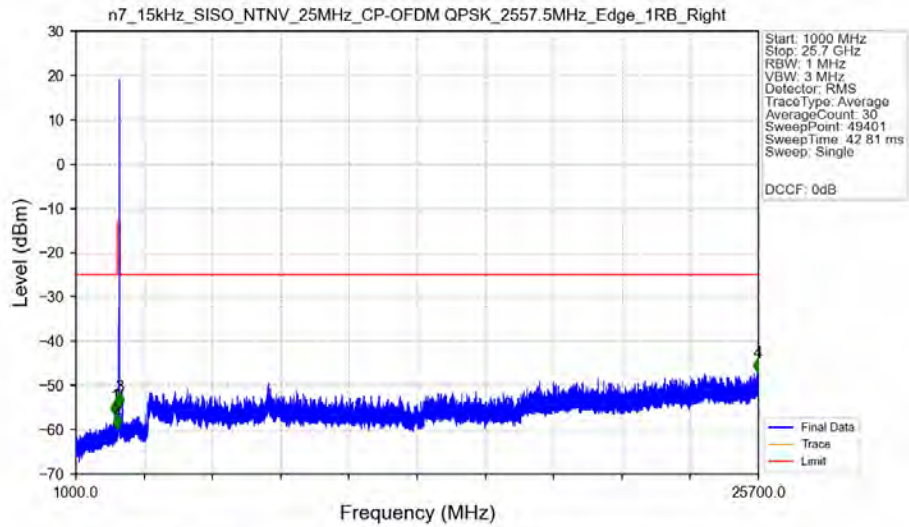
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2532.5	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-50.19	-10	Pass
2571	2575	1	CHP	2	2571.500	-40.06	-10	Pass
2575	2595	1	CHP	3	2580.980	-52.59	-13	Pass
2595	2750	1	CHP	4	2668.250	-52.69	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2557.5MHz_Edge_1RB_Right_Ant31



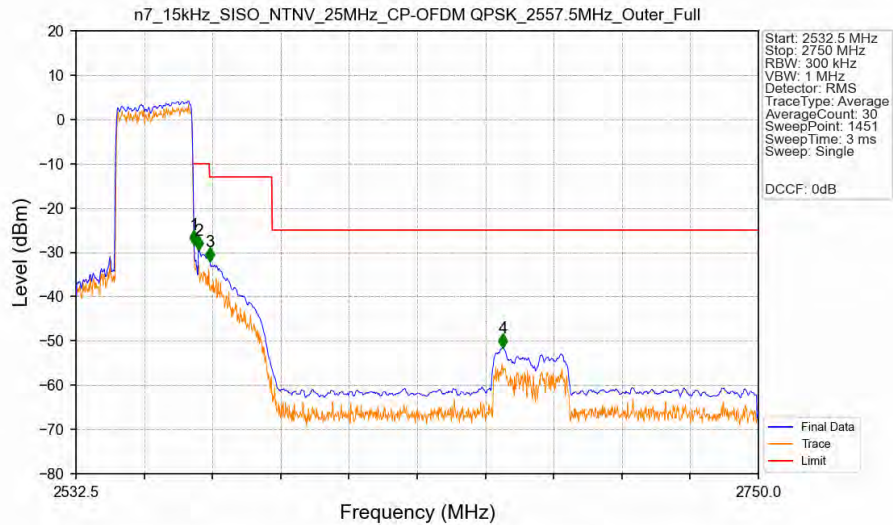
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	906.200	-62.26	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2557.5MHz_Edge_1RB_Right_Ant31



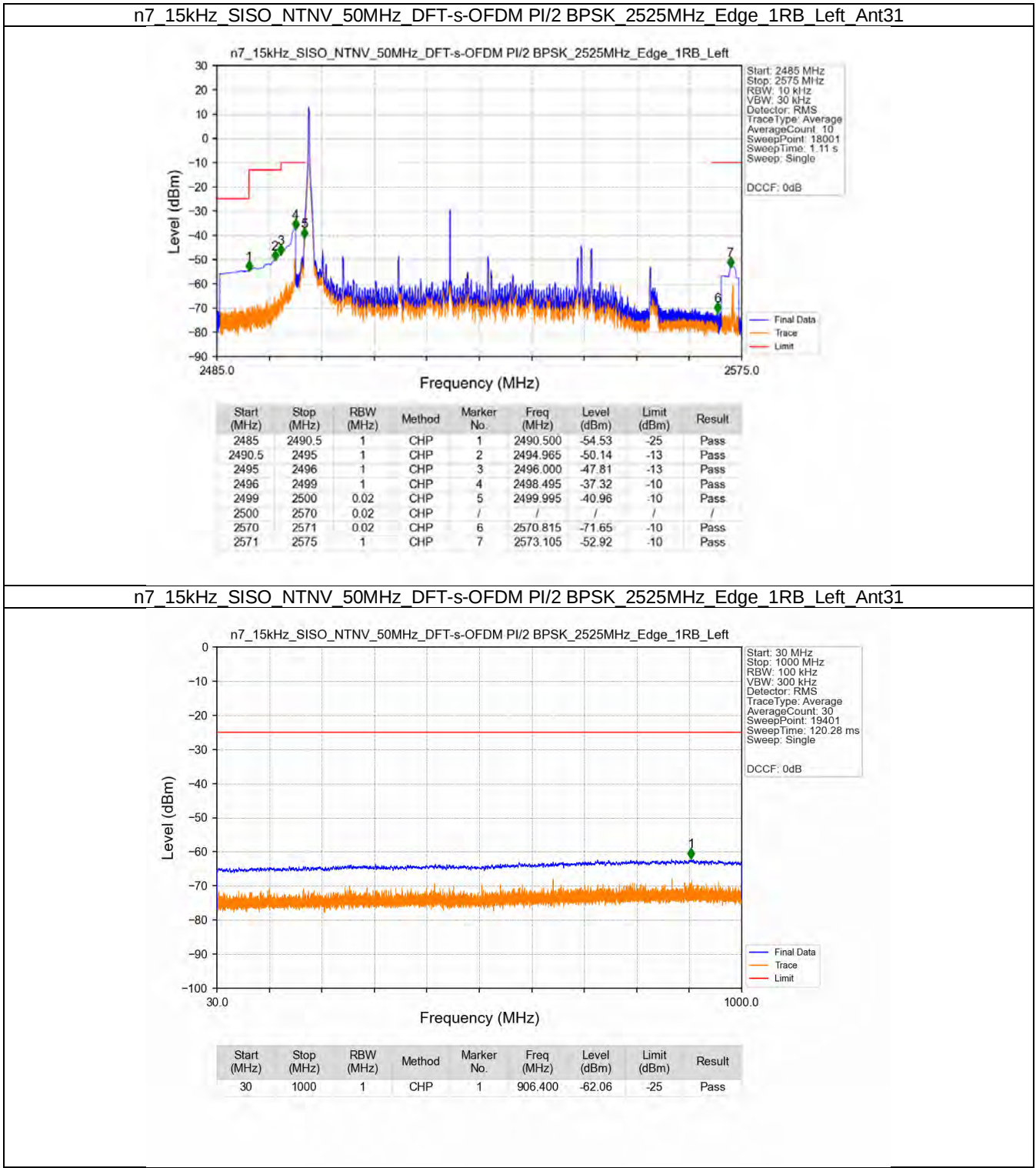
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2408.500	-56.70	-25	Pass
2490.5	2495	1	/	2	2491.500	-59.68	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2595	1	/	3	2575.500	-54.57	-13	Pass
2595	25700	1	/	4	25674.500	-47.06	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2557.5MHz_Outer_Full_Ant31

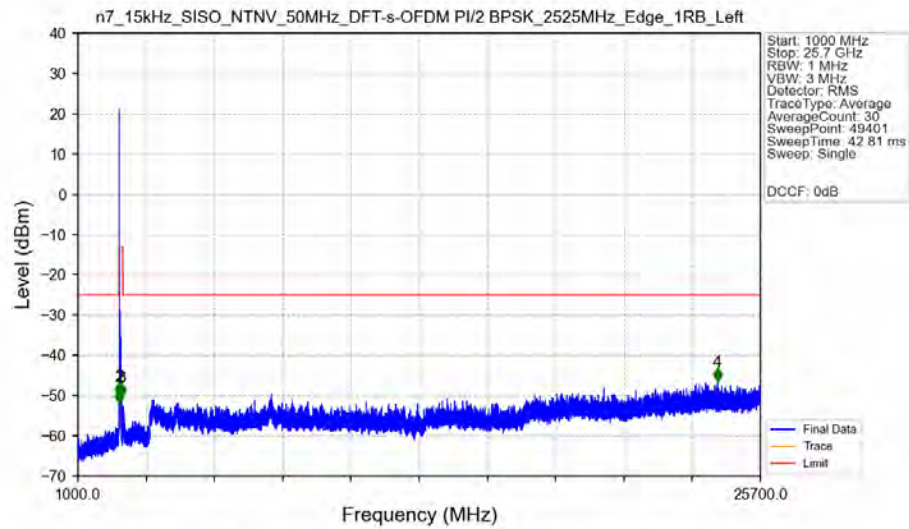


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2532.5	2570	0.494	CHP	/	/	/	/	/
2570	2571	0.494	CHP	1	2570.150	-28.13	-10	Pass
2571	2575	1	CHP	2	2571.500	-29.52	-10	Pass
2575	2595	1	CHP	3	2575.100	-32.08	-13	Pass
2595	2750	1	CHP	4	2668.550	-51.48	-25	Pass

5.2.3 15k_SISO_50MHz_NTNV

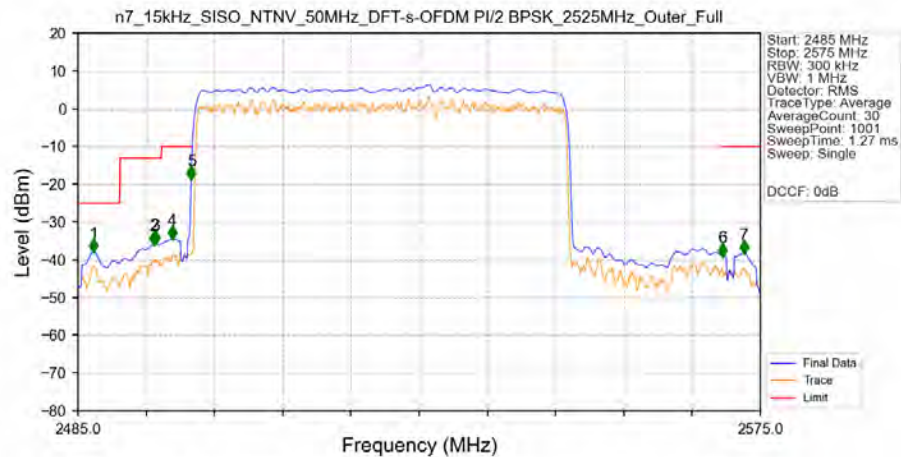


n7 15kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 2525MHz Edge 1RB Left Ant31



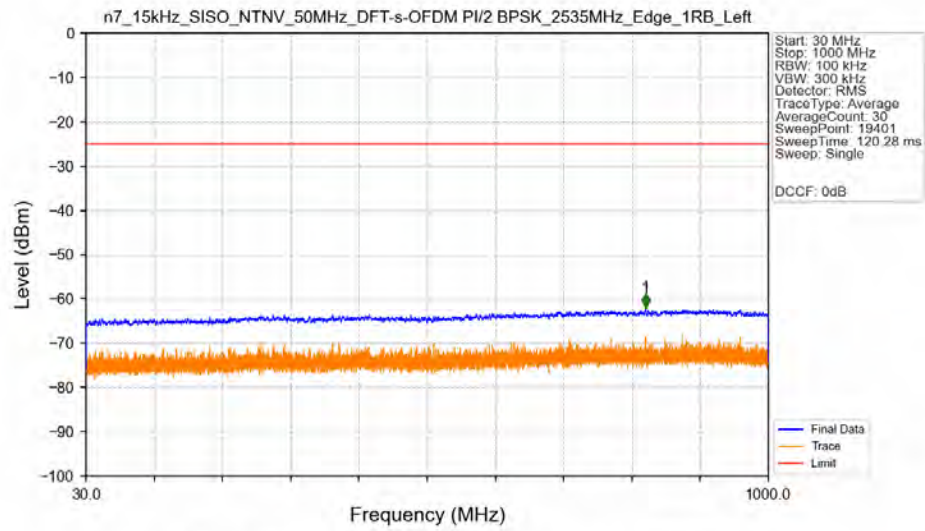
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2476.500	-51.95	-25	Pass
2490.5	2495	1	/	2	2494.500	-50.01	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2620	1	/	3	2578.500	-50.34	-13	Pass
2620	25700	1	/	4	24150.500	-46.53	-25	Pass

n7 15kHz SISO NTN 50MHz DFT-s-OFDM PI/2 BPSK 2525MHz Outer_Full Ant31

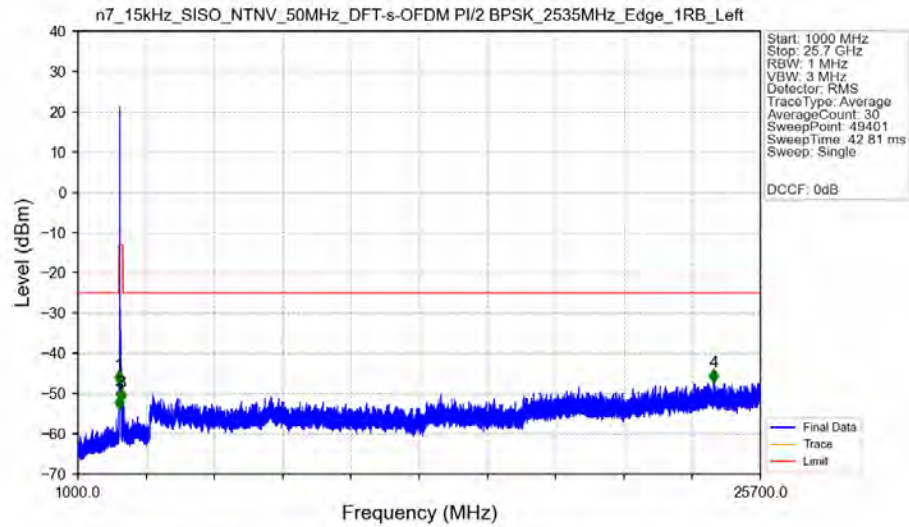


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.070	-37.81	-25	Pass
2490.5	2495	1	CHP	2	2494.990	-35.75	-13	Pass
2495	2496	1	CHP	3	2495.170	-35.66	-13	Pass
2496	2499	1	CHP	4	2497.420	-34.45	-10	Pass
2499	2500	0.936	CHP	5	2499.940	-18.55	-10	Pass
2500	2570	0.936	CHP	/	/	/	/	/
2570	2571	0.936	CHP	6	2570.050	-38.99	-10	Pass
2571	2575	1	CHP	7	2572.840	-38.18	-10	Pass

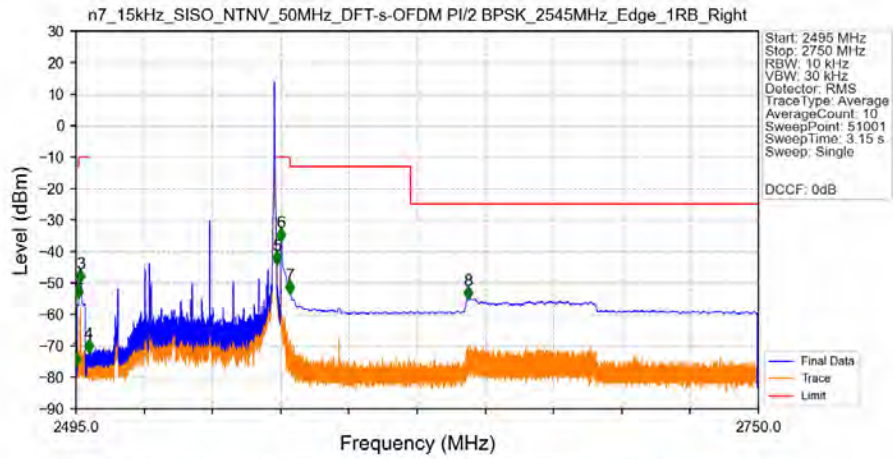
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2535MHz_Edge_1RB_Left_Ant31



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2535MHz_Edge_1RB_Left_Ant31

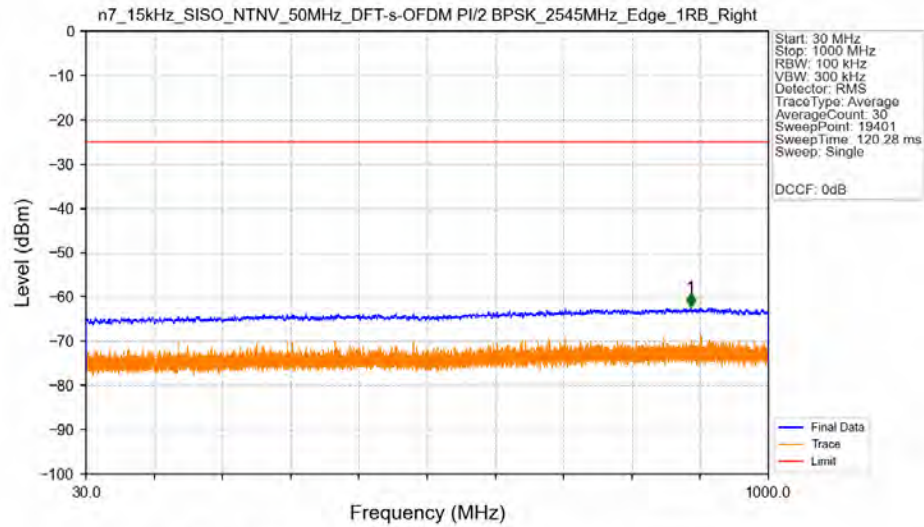


n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2545MHz_Edge_1RB_Right_Ant31



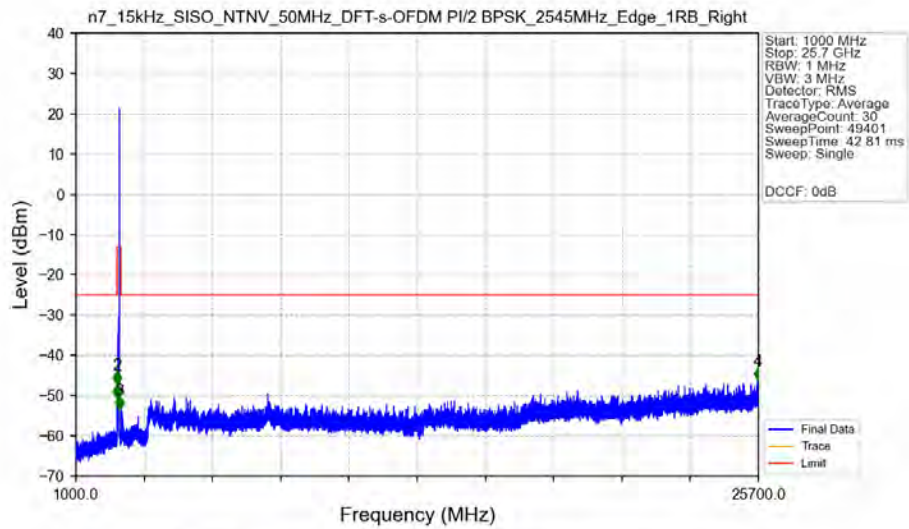
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2495	1	/	1	2495.000	-76.00	-13	Pass
2495	2496	1	CHP	2	2496.000	-54.51	-13	Pass
2496	2499	1	CHP	3	2496.655	-49.66	-10	Pass
2499	2500	0.02	CHP	4	2499.830	-71.85	-10	Pass
2500	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	5	2570.005	-44.07	-10	Pass
2571	2575	1	CHP	6	2571.500	-36.64	-10	Pass
2575	2620	1	CHP	7	2575.005	-53.31	-13	Pass
2620	2750	1	CHP	8	2641.380	-55.02	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2545MHz_Edge_1RB_Right_Ant31



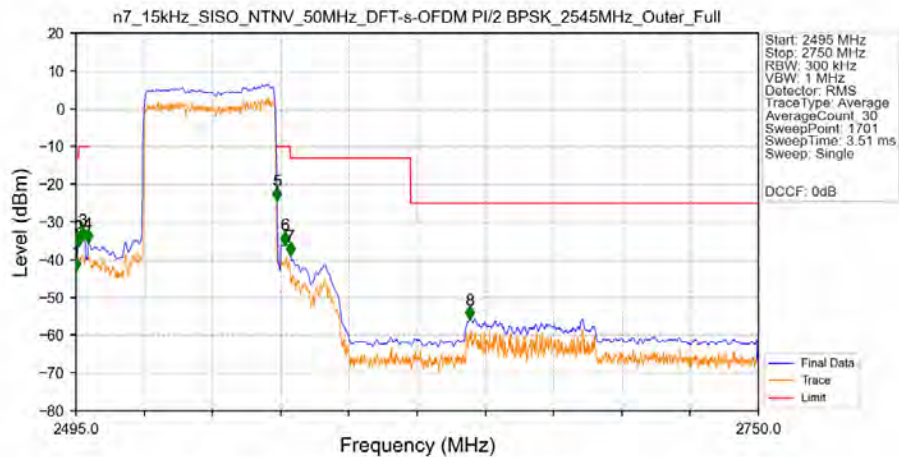
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.750	-62.29	25	Pass

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2545MHz_Edge_1RB_Right_Ant31



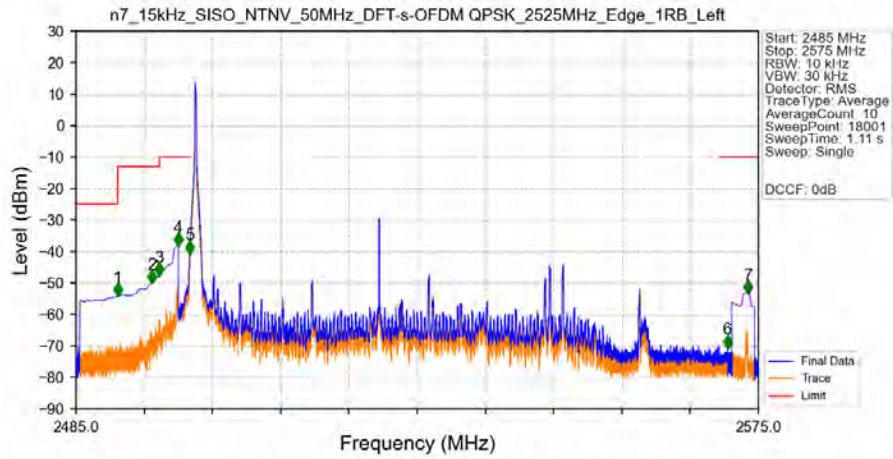
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2490.500	-50.66	-25	Pass
2490.5	2495	1	/	2	2491.000	-47.32	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2620	1	/	3	2575.500	-53.60	-13	Pass
2620	25700	1	/	4	25687.000	-46.32	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_PI/2_BPSK_2545MHz_Outer_Full_Ant31



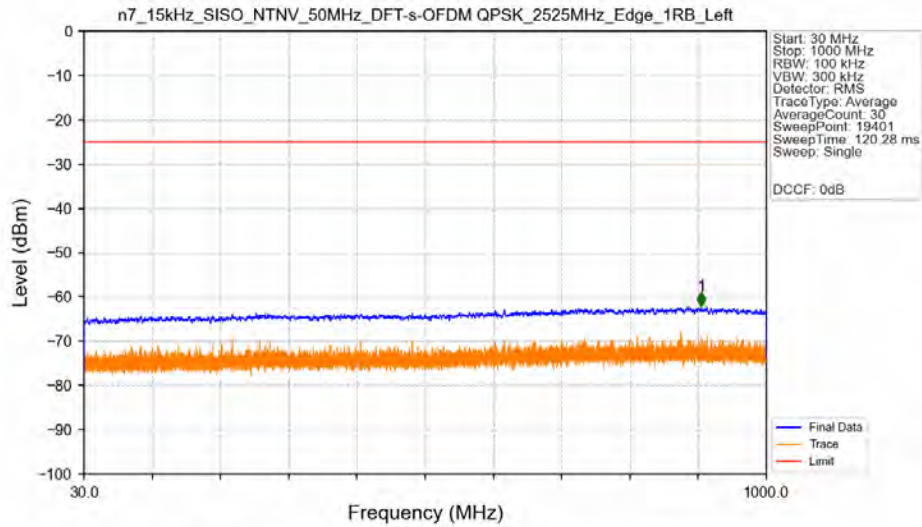
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2495	1	/	1	2495.000	-42.75	-13	Pass
2495	2496	1	CHP	2	2495.900	-36.21	-13	Pass
2496	2499	1	CHP	3	2497.400	-34.47	-10	Pass
2499	2500	0.936	CHP	4	2499.500	-35.19	-10	Pass
2500	2570	0.936	CHP	/	/	/	/	/
2570	2571	0.936	CHP	5	2570.150	-24.04	-10	Pass
2571	2575	1	CHP	6	2573.150	-35.79	-10	Pass
2575	2620	1	CHP	7	2575.100	-38.69	-13	Pass
2620	2750	1	CHP	8	2642.150	-55.48	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Edge_1RB_Left_Ant31



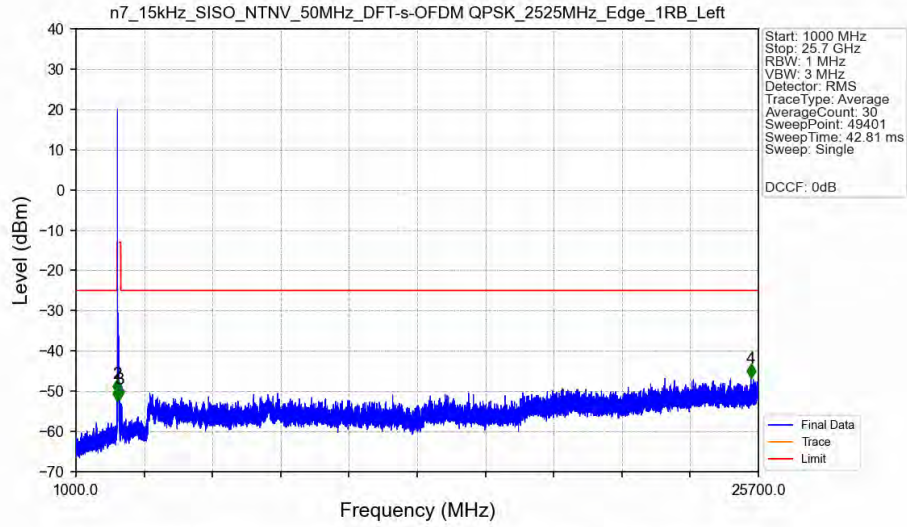
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-54.06	-25	Pass
2490.5	2495	1	CHP	2	2494.995	-49.91	-13	Pass
2495	2496	1	CHP	3	2496.000	-47.62	-13	Pass
2496	2499	1	CHP	4	2498.495	-38.10	-10	Pass
2499	2500	0.02	CHP	5	2499.995	-40.51	-10	Pass
2500	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	6	2570.910	-70.49	-10	Pass
2571	2575	1	CHP	7	2573.670	-53.18	-10	Pass

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Edge_1RB_Left_Ant31



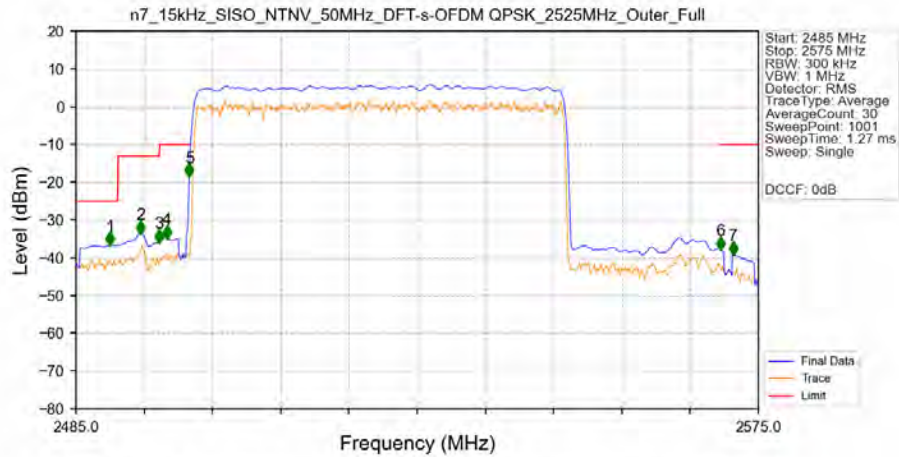
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	907.600	-62.09	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Edge_1RB_Left_Ant31



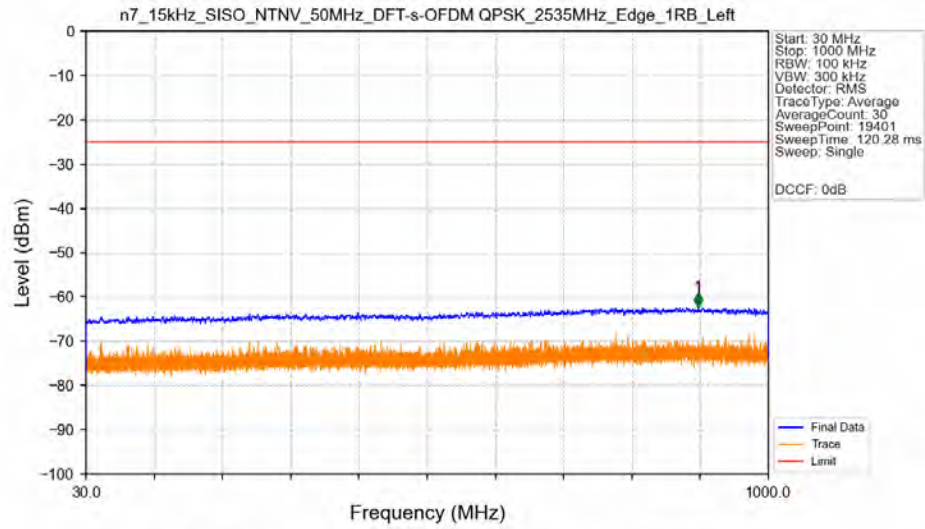
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2480.000	-52.27	-25	Pass
2490.5	2495	1	/	2	2494.500	-50.52	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2620	1	/	3	2529.000	-52.00	-13	Pass
2620	25700	1	/	4	25432.000	-46.69	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Outer_Full_Ant31

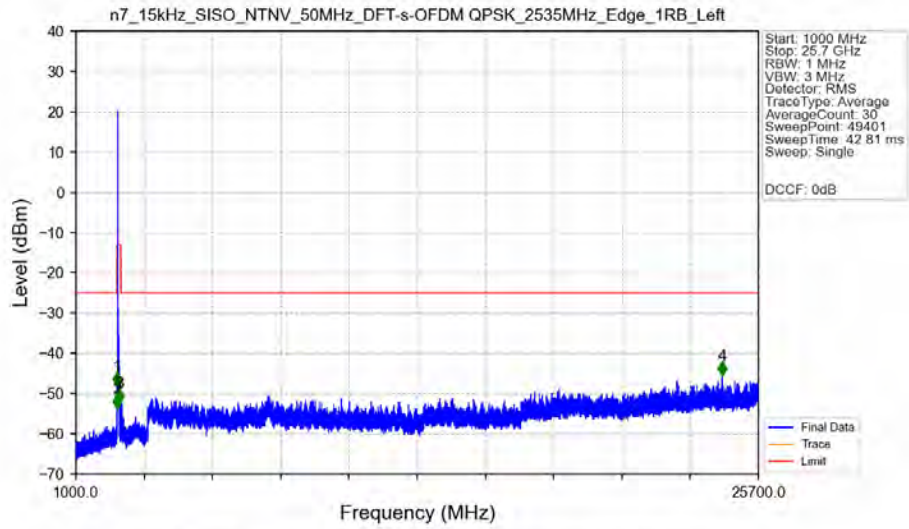


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.500	-36.52	-25	Pass
2490.5	2495	1	CHP	2	2493.550	-33.46	-13	Pass
2495	2496	1	CHP	3	2495.980	-35.81	-13	Pass
2496	2499	1	CHP	4	2496.970	-34.71	-10	Pass
2499	2500	1.037	CHP	5	2499.940	-18.37	-10	Pass
2500	2570	1.037	CHP	/	/	/	/	/
2570	2571	1.037	CHP	6	2570.050	-37.71	-10	Pass
2571	2575	1	CHP	7	2571.670	-39.00	-10	Pass

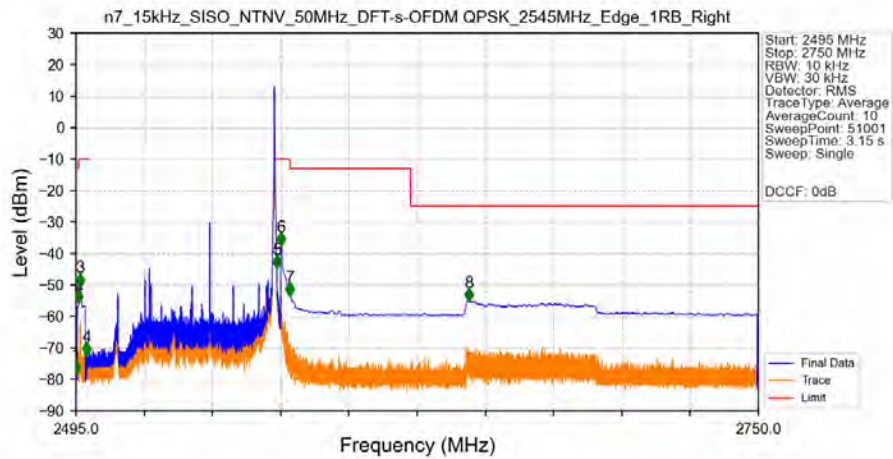
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31

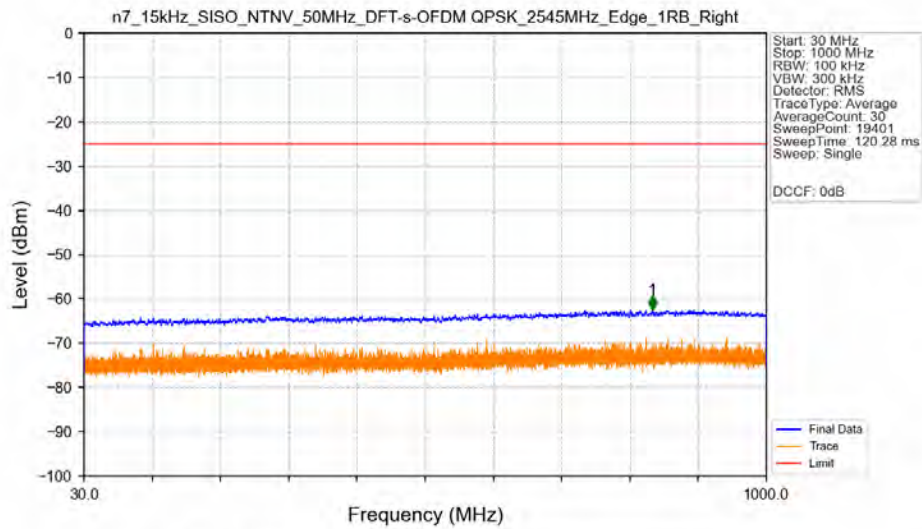


n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Edge_1RB_Right_Ant31



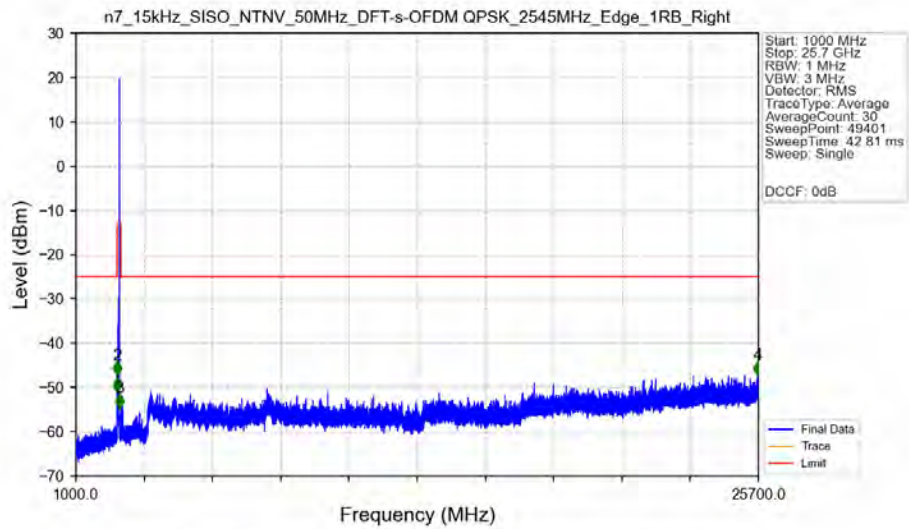
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2495	1	/	1	2495.000	-77.97	-13	Pass
2495	2496	1	CHP	2	2496.000	-55.49	-13	Pass
2496	2499	1	CHP	3	2496.420	-50.27	-10	Pass
2499	2500	0.02	CHP	4	2499.065	-72.12	-10	Pass
2500	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	5	2570.005	-44.53	-10	Pass
2571	2575	1	CHP	6	2571.500	-37.32	-10	Pass
2575	2620	1	CHP	7	2575.005	-53.25	-13	Pass
2620	2750	1	CHP	8	2641.670	-55.06	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Edge_1RB_Right_Ant31



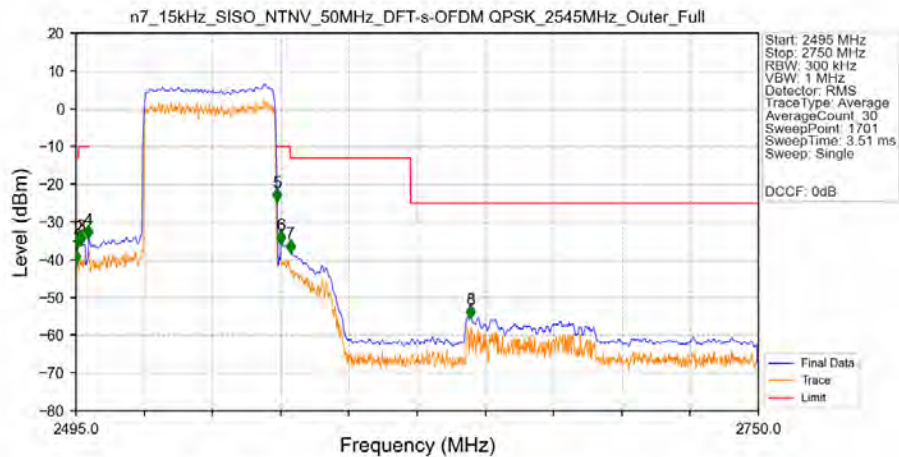
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	837.900	-62.41	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Edge_1RB_Right_Ant31



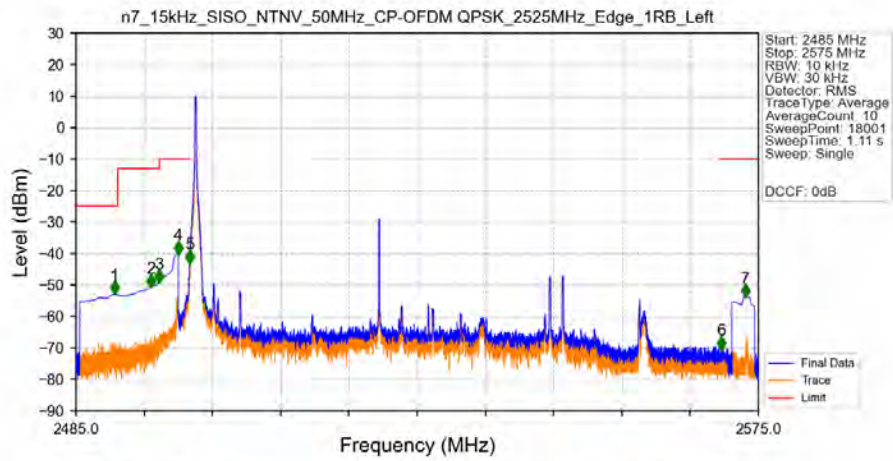
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2490.500	-50.99	-25	Pass
2490.5	2495	1	/	2	2491.000	-47.26	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2620	1	/	3	2576.000	-54.55	-13	Pass
2620	25700	1	/	4	25675.000	-47.08	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2545MHz_Outer_Full_Ant31



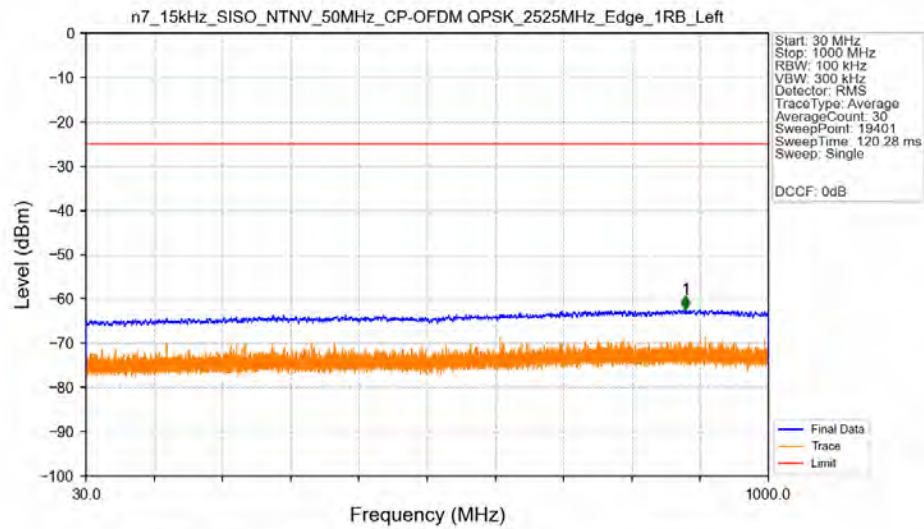
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2495	1	/	1	2495.000	-40.76	-13	Pass
2495	2496	1	CHP	2	2495.600	-36.45	-13	Pass
2496	2499	1	CHP	3	2496.800	-35.90	-10	Pass
2499	2500	1.038	CHP	4	2499.650	-34.20	-10	Pass
2500	2570	1.038	CHP	/	/	/	/	/
2570	2571	1.038	CHP	5	2570.150	-24.32	-10	Pass
2571	2575	1	CHP	6	2571.500	-35.63	-10	Pass
2575	2620	1	CHP	7	2575.100	-37.89	-13	Pass
2620	2750	1	CHP	8	2642.450	-55.27	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_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	2490.110	-52.74	-25	Pass
2490.5	2495	1	CHP	2	2494.915	-50.54	-13	Pass
2495	2496	1	CHP	3	2496.000	-49.18	-13	Pass
2496	2499	1	CHP	4	2498.500	-40.00	-10	Pass
2499	2500	0.02	CHP	5	2499.990	-42.83	-10	Pass
2500	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	6	2570.135	-70.26	-10	Pass
2571	2575	1	CHP	7	2573.280	-53.82	-10	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_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	882.000	-62.33	-25	Pass

Start: 1000 MHz
 Stop: 25.7 GHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 49401
 SweepTime: 42.81 ms
 Sweep: Single

DCCF: 0dB

Level (dBm)

Frequency (MHz)

Final Data
 Trace
 Limit

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2490.500	-50.21	-25	Pass
2490.5	2495	1	/	2	2493.000	-50.71	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2620	1	/	3	2578.500	-51.92	-13	Pass
2620	25700	1	/	4	24455.000	-46.34	-25	Pass

n7_15kHz_SISO_SISO_50MHz_CP-OFDM QPSK_2525MHz_Outer_Full

Start: 2485 MHz
 Stop: 2575 MHz
 RBW: 300 kHz
 VBW: 1 MHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 1001
 SweepTime: 1.27 ms
 Sweep: Single

DCCF: 0dB

Level (dBm)

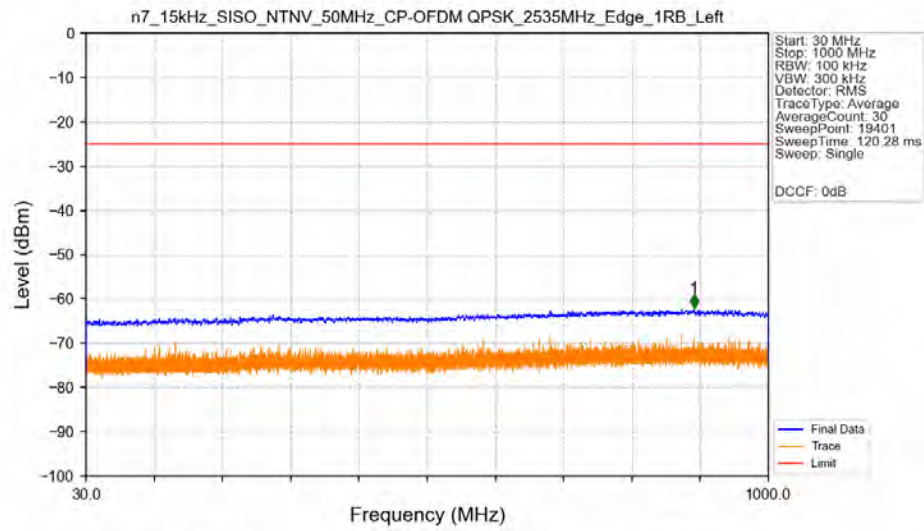
Frequency (MHz)

Final Data
 Trace
 Limit

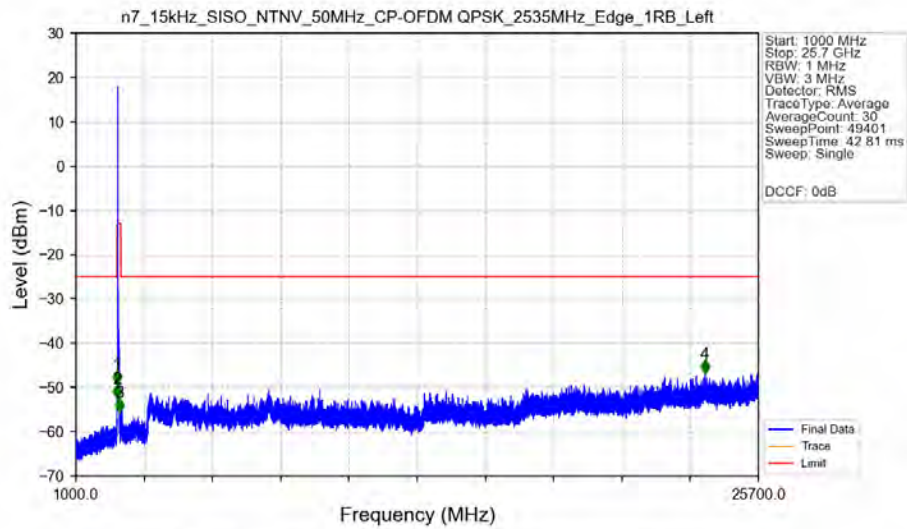
1 23 4 5 67

Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-33.49	-25	Pass
2490.5	2495	1	CHP	2	2494.090	-32.70	-13	Pass
2495	2496	1	CHP	3	2495.170	-33.01	-13	Pass
2496	2499	1	CHP	4	2497.780	-31.97	-10	Pass
2499	2500	1.036	CHP	5	2499.940	-18.53	-10	Pass
2500	2570	1.036	CHP	/	/	/	/	/
2570	2571	1.036	CHP	6	2570.410	-36.22	-10	Pass
2571	2575	1	CHP	7	2571.580	-37.44	-10	Pass

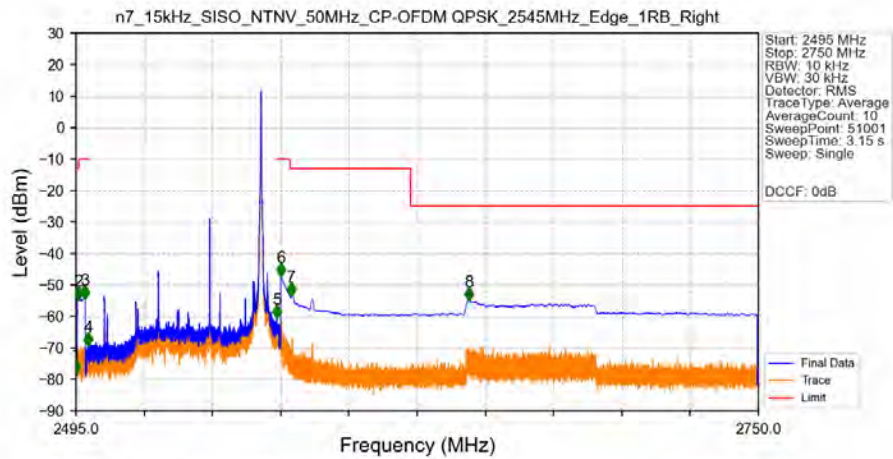
n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant31

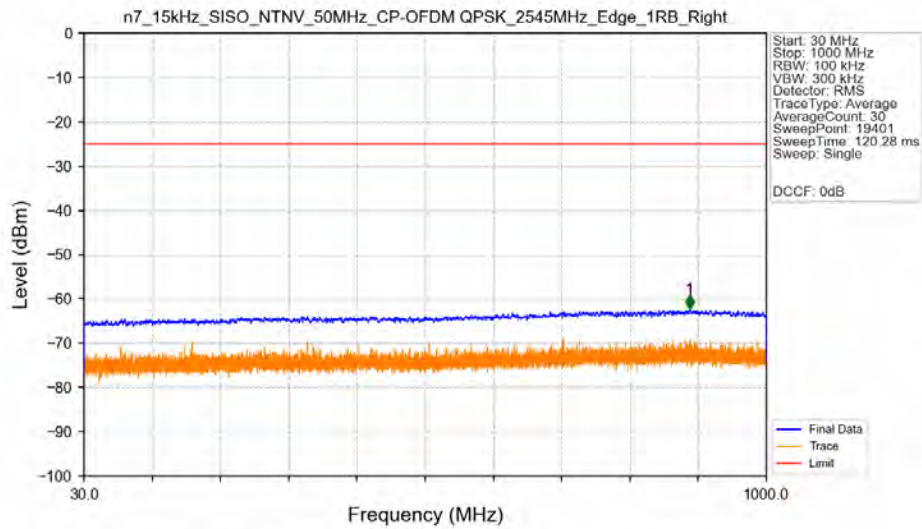


n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Edge_1RB_Right_Ant31



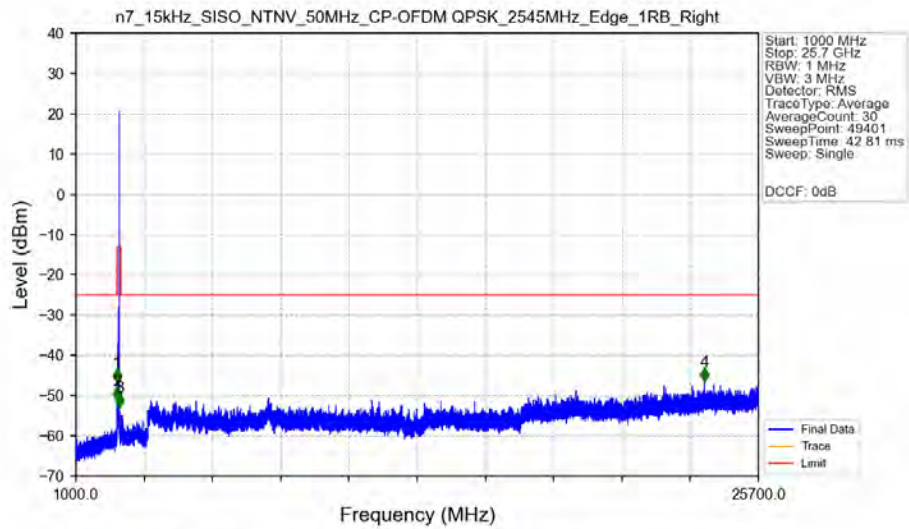
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2495	1	/	1	2495.000	-77.79	-13	Pass
2495	2496	1	CHP	2	2495.985	-54.54	-13	Pass
2496	2499	1	CHP	3	2498.175	-54.31	-10	Pass
2499	2500	0.02	CHP	4	2499.645	-69.06	-10	Pass
2500	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	5	2570.090	-60.37	-10	Pass
2571	2575	1	CHP	6	2571.500	-47.14	-10	Pass
2575	2620	1	CHP	7	2575.505	-53.27	-13	Pass
2620	2750	1	CHP	8	2641.850	-54.83	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Edge_1RB_Right_Ant31



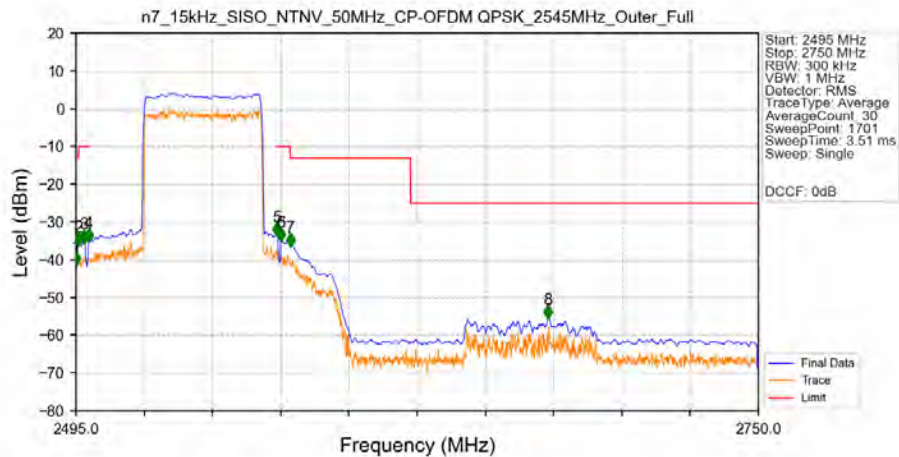
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	891.100	-62.24	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_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	2487.500	-46.74	25	Pass
2490.5	2495	1	/	2	2494.500	-51.39	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2620	1	/	3	2575.500	-52.95	-13	Pass
2620	25700	1	/	4	23750.000	-46.52	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Outer_Full_Ant31



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2495	1	/	1	2495.000	-41.17	-13	Pass
2495	2496	1	CHP	2	2495.900	-36.12	-13	Pass
2496	2499	1	CHP	3	2498.150	-35.33	-10	Pass
2499	2500	1.038	CHP	4	2499.800	-35.09	-10	Pass
2500	2570	1.038	CHP	/	/	/	/	/
2570	2571	1.038	CHP	5	2570.150	-33.50	-10	Pass
2571	2575	1	CHP	6	2571.650	-34.84	-10	Pass
2575	2620	1	CHP	7	2575.100	-36.35	-13	Pass
2620	2750	1	CHP	8	2671.400	-55.35	-25	Pass

6. Field Strength of Spurious Radiation

NR N7 ANT31-Low channel, Modulation: QPSK, Bandwidth:20MHz, 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
5002.0	-62.58	-25	-37.58	-68.15	4.57	10.14	Horizontal	Pass
7503.0	-60.32	-25	-35.32	-67.12	4.94	11.74	Horizontal	Pass
10004.0	-56.98	-25	-31.98	-64.55	5.46	13.03	Horizontal	Pass
5002.0	-62.37	-25	-37.37	-67.94	4.57	10.14	Vertical	Pass
7503.0	-60.29	-25	-35.29	-67.09	4.94	11.74	Vertical	Pass
10004.0	-56.66	-25	-31.66	-64.23	5.46	13.03	Vertical	Pass

NR N7 ANT31-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 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
5052.0	-62.93	-25	-37.93	-68.51	4.59	10.17	Horizontal	Pass
7578.0	-60.1	-25	-35.1	-66.98	4.95	11.83	Horizontal	Pass
12614.61	-48.5	-25	-23.5	-55.83	5.96	13.29	Horizontal	Pass
5052.0	-62.56	-25	-37.56	-68.14	4.59	10.17	Vertical	Pass
7578.0	-59.59	-25	-34.59	-66.47	4.95	11.83	Vertical	Pass
12614.61	-52.67	-25	-27.67	-60.0	5.96	13.29	Vertical	Pass

NR N7 ANT31-High channel, Modulation: QPSK, Bandwidth:20MHz, 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
5102.0	-62.4	-25	-37.4	-68.0	4.6	10.2	Horizontal	Pass
7653.0	-59.88	-25	-34.88	-66.85	4.95	11.92	Horizontal	Pass
12761.3	-52.13	-25	-27.13	-59.54	5.97	13.38	Horizontal	Pass
5102.0	-62.07	-25	-37.07	-67.67	4.6	10.2	Vertical	Pass
7653.0	-59.7	-25	-34.7	-66.67	4.95	11.92	Vertical	Pass
12761.3	-52.38	-25	-27.38	-59.79	5.97	13.38	Vertical	Pass

NSA_2A_n7A-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
5002.0	-59.41	-25	-34.41	-64.98	4.57	10.14	Horizontal	Pass
7503.0	-60.37	-25	-35.37	-67.17	4.94	11.74	Horizontal	Pass
10004.0	-56.68	-25	-31.68	-64.25	5.46	13.03	Horizontal	Pass
5002.0	-62.63	-25	-37.63	-68.2	4.57	10.14	Vertical	Pass
7503.0	-60.29	-25	-35.29	-67.09	4.94	11.74	Vertical	Pass
10004.0	-56.68	-25	-31.68	-64.25	5.46	13.03	Vertical	Pass

NSA_2A_n7A-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
5052.0	-58.2	-25	-33.2	-63.78	4.59	10.17	Horizontal	Pass
7578.0	-59.32	-25	-34.32	-66.2	4.95	11.83	Horizontal	Pass
10104.0	-56.67	-25	-31.67	-64.24	5.48	13.05	Horizontal	Pass
5052.0	-62.81	-25	-37.81	-68.39	4.59	10.17	Vertical	Pass
7578.0	-60.18	-25	-35.18	-67.06	4.95	11.83	Vertical	Pass
10104.0	-56.31	-25	-31.31	-63.88	5.48	13.05	Vertical	Pass

NSA_2A_n7A-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
5102.0	-63.45	-25	-38.45	-69.05	4.6	10.2	Horizontal	Pass
7653.0	-59.46	-25	-34.46	-66.43	4.95	11.92	Horizontal	Pass
10204.0	-56.14	-25	-31.14	-63.72	5.49	13.07	Horizontal	Pass
5102.0	-62.86	-25	-37.86	-68.46	4.6	10.2	Vertical	Pass
7653.0	-59.74	-25	-34.74	-66.71	4.95	11.92	Vertical	Pass
10204.0	-57.0	-25	-32.0	-64.58	5.49	13.07	Vertical	Pass