

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15_S_5M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2502.5	Edge_1RB_Left	22.03	/	/	19.13	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	19.36	/	/	<=33	Pass
		Outer_Full	22.22	/	/	19.32	/	/	<=33	Pass
		Inner_Full	22.21	/	/	19.31	/	/	<=33	Pass
		Inner_1RB_Left	22.06	/	/	19.16	/	/	<=33	Pass
		Inner_1RB_Right	22.23	/	/	19.33	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.79	/	/	18.89	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	18.98	/	/	<=33	Pass
		Outer_Full	21.89	/	/	18.99	/	/	<=33	Pass
		Inner_Full	21.90	/	/	19.00	/	/	<=33	Pass
		Inner_1RB_Left	21.86	/	/	18.96	/	/	<=33	Pass
		Inner_1RB_Right	21.92	/	/	19.02	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	21.81	/	/	18.91	/	/	<=33	Pass
		Edge_1RB_Right	21.80	/	/	18.90	/	/	<=33	Pass
		Outer_Full	21.91	/	/	19.01	/	/	<=33	Pass
		Inner_Full	23.41	/	/	20.51	/	/	<=33	Pass
		Inner_1RB_Left	23.36	/	/	20.46	/	/	<=33	Pass
		Inner_1RB_Right	23.28	/	/	20.38	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2502.5	Edge_1RB_Left	21.95	/	/	19.05	/	/	<=33	Pass
		Edge_1RB_Right	22.09	/	/	19.19	/	/	<=33	Pass
		Outer_Full	22.21	/	/	19.31	/	/	<=33	Pass
		Inner_Full	22.11	/	/	19.21	/	/	<=33	Pass
		Inner_1RB_Left	22.16	/	/	19.26	/	/	<=33	Pass
		Inner_1RB_Right	22.09	/	/	19.19	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.68	/	/	18.78	/	/	<=33	Pass
		Edge_1RB_Right	21.75	/	/	18.86	/	/	<=33	Pass
		Outer_Full	21.83	/	/	18.93	/	/	<=33	Pass
		Inner_Full	21.76	/	/	18.86	/	/	<=33	Pass
		Inner_1RB_Left	21.76	/	/	18.86	/	/	<=33	Pass
		Inner_1RB_Right	21.79	/	/	18.89	/	/	<=33	Pass
	2567.5	Edge_1RB_Left	21.73	/	/	18.83	/	/	<=33	Pass
		Edge_1RB_Right	21.68	/	/	18.78	/	/	<=33	Pass
		Outer_Full	21.90	/	/	19.00	/	/	<=33	Pass
		Inner_Full	22.82	/	/	19.92	/	/	<=33	Pass
		Inner_1RB_Left	22.75	/	/	19.85	/	/	<=33	Pass
		Inner_1RB_Right	22.69	/	/	19.79	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2502.5	Edge_1RB_Left	22.38	/	/	19.48	/	/	<=33	Pass
		Edge_1RB_Right	22.52	/	/	19.62	/	/	<=33	Pass
		Outer_Full	22.09	/	/	19.19	/	/	<=33	Pass
		Inner_Full	22.15	/	/	19.25	/	/	<=33	Pass
		Inner_1RB_Left	22.38	/	/	19.48	/	/	<=33	Pass
		Inner_1RB_Right	22.48	/	/	19.58	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.09	/	/	19.20	/	/	<=33	Pass
		Edge_1RB_Right	22.20	/	/	19.30	/	/	<=33	Pass
		Outer_Full	21.77	/	/	18.87	/	/	<=33	Pass
		Inner_Full	21.84	/	/	18.95	/	/	<=33	Pass
		Inner_1RB_Left	22.12	/	/	19.22	/	/	<=33	Pass

	2567.5	Inner 1RB Right	22.23	/	/	19.33	/	/	<=33	Pass
		Edge 1RB Left	22.19	/	/	19.29	/	/	<=33	Pass
		Edge 1RB Right	22.03	/	/	19.13	/	/	<=33	Pass
		Outer Full	21.82	/	/	18.92	/	/	<=33	Pass
		Inner Full	22.90	/	/	20.00	/	/	<=33	Pass
		Inner 1RB Left	23.28	/	/	20.38	/	/	<=33	Pass
		Inner 1RB Right	23.23	/	/	20.33	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2502.5	Edge 1RB Left	21.46	/	/	18.56	/	/	<=33	Pass
		Edge 1RB Right	21.57	/	/	18.68	/	/	<=33	Pass
		Outer Full	21.66	/	/	18.76	/	/	<=33	Pass
		Inner Full	22.61	/	/	19.71	/	/	<=33	Pass
		Inner 1RB Left	22.86	/	/	19.96	/	/	<=33	Pass
		Inner 1RB Right	22.90	/	/	20.00	/	/	<=33	Pass
	2535	Edge 1RB Left	21.96	/	/	19.06	/	/	<=33	Pass
		Edge 1RB Right	22.09	/	/	19.19	/	/	<=33	Pass
		Outer Full	21.91	/	/	19.02	/	/	<=33	Pass
		Inner Full	21.81	/	/	18.91	/	/	<=33	Pass
		Inner 1RB Left	22.00	/	/	19.10	/	/	<=33	Pass
		Inner 1RB Right	22.04	/	/	19.14	/	/	<=33	Pass
	2567.5	Edge 1RB Left	21.23	/	/	18.33	/	/	<=33	Pass
		Edge 1RB Right	21.17	/	/	18.27	/	/	<=33	Pass
		Outer Full	21.35	/	/	18.45	/	/	<=33	Pass
		Inner Full	21.39	/	/	18.49	/	/	<=33	Pass
		Inner 1RB Left	21.28	/	/	18.38	/	/	<=33	Pass
CP-OFDM QPSK	2502.5	Inner 1RB Right	21.18	/	/	18.28	/	/	<=33	Pass
		Edge 1RB Left	22.07	/	/	19.17	/	/	<=33	Pass
		Edge 1RB Right	22.24	/	/	19.34	/	/	<=33	Pass
		Outer Full	22.27	/	/	19.37	/	/	<=33	Pass
		Inner Full	23.75	/	/	20.85	/	/	<=33	Pass
		Inner 1RB Left	23.59	/	/	20.69	/	/	<=33	Pass
	2535	Inner 1RB Right	23.65	/	/	20.75	/	/	<=33	Pass
		Edge 1RB Left	21.71	/	/	18.81	/	/	<=33	Pass
		Edge 1RB Right	21.85	/	/	18.95	/	/	<=33	Pass
		Outer Full	21.93	/	/	19.03	/	/	<=33	Pass
		Inner Full	21.93	/	/	19.03	/	/	<=33	Pass
		Inner 1RB Left	21.72	/	/	18.82	/	/	<=33	Pass
	2567.5	Inner 1RB Right	21.93	/	/	19.03	/	/	<=33	Pass
		Edge 1RB Left	21.86	/	/	18.96	/	/	<=33	Pass
		Edge 1RB Right	21.79	/	/	18.89	/	/	<=33	Pass
		Outer Full	21.93	/	/	19.03	/	/	<=33	Pass
		Inner Full	23.48	/	/	20.58	/	/	<=33	Pass
		Inner 1RB Left	23.36	/	/	20.46	/	/	<=33	Pass
CP-OFDM 16 QAM	2502.5	Inner 1RB Right	23.30	/	/	20.40	/	/	<=33	Pass
		Edge 1RB Left	22.12	/	/	19.22	/	/	<=33	Pass
		Edge 1RB Right	22.23	/	/	19.33	/	/	<=33	Pass
		Outer Full	22.11	/	/	19.21	/	/	<=33	Pass
		Inner Full	23.66	/	/	20.76	/	/	<=33	Pass
		Inner 1RB Left	23.67	/	/	20.77	/	/	<=33	Pass
	2535	Inner 1RB Right	23.75	/	/	20.85	/	/	<=33	Pass
		Edge 1RB Left	21.68	/	/	18.78	/	/	<=33	Pass
		Edge 1RB Right	21.95	/	/	19.05	/	/	<=33	Pass
		Outer Full	21.92	/	/	19.02	/	/	<=33	Pass
		Inner Full	21.86	/	/	18.96	/	/	<=33	Pass
		Inner 1RB Left	21.80	/	/	18.91	/	/	<=33	Pass
	2567.5	Inner 1RB Right	21.97	/	/	19.07	/	/	<=33	Pass
		Edge 1RB Left	21.81	/	/	18.91	/	/	<=33	Pass
		Edge 1RB Right	21.79	/	/	18.89	/	/	<=33	Pass
		Outer Full	21.89	/	/	18.99	/	/	<=33	Pass
		Inner Full	23.35	/	/	20.45	/	/	<=33	Pass

		Inner 1RB Left	23.36	/	/	20.47	/	/	<=33	Pass
		Inner 1RB Right	23.31	/	/	20.41	/	/	<=33	Pass
CP-OFDM 64 QAM	2502.5	Edge 1RB Left	22.32	/	/	19.42	/	/	<=33	Pass
		Edge 1RB Right	22.50	/	/	19.60	/	/	<=33	Pass
		Outer Full	22.16	/	/	19.26	/	/	<=33	Pass
		Inner Full	23.09	/	/	20.19	/	/	<=33	Pass
		Inner 1RB Left	23.39	/	/	20.49	/	/	<=33	Pass
		Inner 1RB Right	23.51	/	/	20.61	/	/	<=33	Pass
		Edge 1RB Left	22.06	/	/	19.16	/	/	<=33	Pass
		Edge 1RB Right	22.22	/	/	19.32	/	/	<=33	Pass
	2535	Outer Full	21.83	/	/	18.93	/	/	<=33	Pass
		Inner Full	21.89	/	/	19.00	/	/	<=33	Pass
		Inner 1RB Left	22.08	/	/	19.18	/	/	<=33	Pass
		Inner 1RB Right	22.18	/	/	19.28	/	/	<=33	Pass
	2567.5	Edge 1RB Left	22.16	/	/	19.27	/	/	<=33	Pass
		Edge 1RB Right	22.08	/	/	19.18	/	/	<=33	Pass
		Outer Full	21.87	/	/	18.97	/	/	<=33	Pass
		Inner Full	22.84	/	/	19.94	/	/	<=33	Pass
		Inner 1RB Left	23.18	/	/	20.29	/	/	<=33	Pass
		Inner 1RB Right	22.91	/	/	20.01	/	/	<=33	Pass
CP-OFDM 256 QAM	2502.5	Edge 1RB Left	21.43	/	/	18.53	/	/	<=33	Pass
		Edge 1RB Right	21.78	/	/	18.88	/	/	<=33	Pass
		Outer Full	21.68	/	/	18.78	/	/	<=33	Pass
		Inner Full	21.64	/	/	18.75	/	/	<=33	Pass
		Inner 1RB Left	21.50	/	/	18.61	/	/	<=33	Pass
		Inner 1RB Right	21.80	/	/	18.90	/	/	<=33	Pass
	2535	Edge 1RB Left	21.16	/	/	18.26	/	/	<=33	Pass
		Edge 1RB Right	21.34	/	/	18.44	/	/	<=33	Pass
		Outer Full	21.35	/	/	18.45	/	/	<=33	Pass
		Inner Full	21.37	/	/	18.47	/	/	<=33	Pass
		Inner 1RB Left	21.35	/	/	18.45	/	/	<=33	Pass
		Inner 1RB Right	21.30	/	/	18.40	/	/	<=33	Pass
	2567.5	Edge 1RB Left	21.27	/	/	18.38	/	/	<=33	Pass
		Edge 1RB Right	21.17	/	/	18.27	/	/	<=33	Pass
		Outer Full	21.35	/	/	18.45	/	/	<=33	Pass
		Inner Full	21.35	/	/	18.45	/	/	<=33	Pass
		Inner 1RB Left	21.32	/	/	18.42	/	/	<=33	Pass
		Inner 1RB Right	21.68	/	/	18.78	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 15_S_10M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 10MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2505	Edge 1RB Left	22.25	/	/	19.35	/	/	<=33	Pass
		Edge 1RB Right	22.21	/	/	19.32	/	/	<=33	Pass
		Outer Full	22.25	/	/	19.35	/	/	<=33	Pass
		Inner Full	23.67	/	/	20.77	/	/	<=33	Pass
		Inner 1RB Left	23.76	/	/	20.86	/	/	<=33	Pass
		Inner 1RB Right	23.65	/	/	20.75	/	/	<=33	Pass
	2535	Edge 1RB Left	21.87	/	/	18.97	/	/	<=33	Pass
		Edge 1RB Right	22.06	/	/	19.16	/	/	<=33	Pass
		Outer Full	21.87	/	/	18.97	/	/	<=33	Pass
		Inner Full	23.29	/	/	20.39	/	/	<=33	Pass
		Inner 1RB Left	23.34	/	/	20.44	/	/	<=33	Pass
		Inner 1RB Right	23.59	/	/	20.69	/	/	<=33	Pass

	2565	Edge 1RB Left	22.14	/	/	19.25	/	/	<=33	Pass
		Edge 1RB Right	22.01	/	/	19.11	/	/	<=33	Pass
		Outer Full	21.95	/	/	19.05	/	/	<=33	Pass
		Inner Full	23.40	/	/	20.50	/	/	<=33	Pass
		Inner 1RB Left	23.63	/	/	20.73	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2505	Inner 1RB Right	23.42	/	/	20.52	/	/	<=33	Pass
		Edge 1RB Left	22.07	/	/	19.17	/	/	<=33	Pass
		Edge 1RB Right	22.02	/	/	19.12	/	/	<=33	Pass
		Outer Full	22.12	/	/	19.22	/	/	<=33	Pass
		Inner Full	23.14	/	/	20.24	/	/	<=33	Pass
	2535	Inner 1RB Left	23.09	/	/	20.19	/	/	<=33	Pass
		Inner 1RB Right	23.07	/	/	20.17	/	/	<=33	Pass
		Edge 1RB Left	21.78	/	/	18.88	/	/	<=33	Pass
		Edge 1RB Right	21.95	/	/	19.05	/	/	<=33	Pass
		Outer Full	21.75	/	/	18.85	/	/	<=33	Pass
	2565	Inner Full	22.84	/	/	19.94	/	/	<=33	Pass
		Inner 1RB Left	22.55	/	/	19.66	/	/	<=33	Pass
		Inner 1RB Right	22.95	/	/	20.05	/	/	<=33	Pass
		Edge 1RB Left	21.99	/	/	19.09	/	/	<=33	Pass
		Edge 1RB Right	21.80	/	/	18.90	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2505	Outer Full	21.96	/	/	19.06	/	/	<=33	Pass
		Inner Full	22.91	/	/	20.01	/	/	<=33	Pass
		Inner 1RB Left	22.99	/	/	20.09	/	/	<=33	Pass
		Inner 1RB Right	22.78	/	/	19.88	/	/	<=33	Pass
		Edge 1RB Left	22.49	/	/	19.59	/	/	<=33	Pass
	2535	Edge 1RB Right	22.46	/	/	19.56	/	/	<=33	Pass
		Outer Full	22.14	/	/	19.24	/	/	<=33	Pass
		Inner Full	23.11	/	/	20.21	/	/	<=33	Pass
		Inner 1RB Left	23.59	/	/	20.70	/	/	<=33	Pass
		Inner 1RB Right	23.53	/	/	20.63	/	/	<=33	Pass
	2565	Edge 1RB Left	21.50	/	/	18.60	/	/	<=33	Pass
		Edge 1RB Right	22.45	/	/	19.55	/	/	<=33	Pass
		Outer Full	21.84	/	/	18.94	/	/	<=33	Pass
		Inner Full	22.76	/	/	19.86	/	/	<=33	Pass
		Inner 1RB Left	23.25	/	/	20.35	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2505	Inner 1RB Right	23.34	/	/	20.44	/	/	<=33	Pass
		Edge 1RB Left	22.38	/	/	19.48	/	/	<=33	Pass
		Edge 1RB Right	22.23	/	/	19.33	/	/	<=33	Pass
		Outer Full	21.92	/	/	19.02	/	/	<=33	Pass
		Inner Full	22.84	/	/	19.94	/	/	<=33	Pass
	2535	Inner 1RB Left	23.43	/	/	20.53	/	/	<=33	Pass
		Inner 1RB Right	23.32	/	/	20.42	/	/	<=33	Pass
		Edge 1RB Left	21.71	/	/	18.81	/	/	<=33	Pass
		Edge 1RB Right	21.55	/	/	18.65	/	/	<=33	Pass
		Outer Full	21.65	/	/	18.75	/	/	<=33	Pass
	2565	Inner Full	21.64	/	/	18.74	/	/	<=33	Pass
		Inner 1RB Left	21.63	/	/	18.73	/	/	<=33	Pass
		Inner 1RB Right	21.62	/	/	18.72	/	/	<=33	Pass
		Edge 1RB Left	21.21	/	/	18.31	/	/	<=33	Pass
		Edge 1RB Right	22.80	/	/	19.90	/	/	<=33	Pass
	2535	Outer Full	21.36	/	/	18.46	/	/	<=33	Pass
		Inner Full	22.34	/	/	19.44	/	/	<=33	Pass
		Inner 1RB Left	22.61	/	/	19.71	/	/	<=33	Pass
		Inner 1RB Right	22.85	/	/	19.95	/	/	<=33	Pass
		Edge 1RB Left	21.45	/	/	18.55	/	/	<=33	Pass
	2565	Edge 1RB Right	21.31	/	/	18.41	/	/	<=33	Pass
		Outer Full	21.47	/	/	18.57	/	/	<=33	Pass
		Inner Full	21.38	/	/	18.48	/	/	<=33	Pass
		Inner 1RB Left	21.45	/	/	18.55	/	/	<=33	Pass

		Inner 1RB Right	21.33	/	/	18.43	/	/	<=33	Pass
CP-OFDM QPSK	2505	Edge 1RB Left	22.17	/	/	19.27	/	/	<=33	Pass
		Edge 1RB Right	22.14	/	/	19.24	/	/	<=33	Pass
		Outer Full	22.24	/	/	19.34	/	/	<=33	Pass
		Inner Full	23.66	/	/	20.76	/	/	<=33	Pass
		Inner 1RB Left	23.66	/	/	20.76	/	/	<=33	Pass
		Inner 1RB Right	23.64	/	/	20.74	/	/	<=33	Pass
	2535	Edge 1RB Left	21.86	/	/	18.96	/	/	<=33	Pass
		Edge 1RB Right	22.09	/	/	19.19	/	/	<=33	Pass
		Outer Full	21.89	/	/	18.99	/	/	<=33	Pass
		Inner Full	23.29	/	/	20.39	/	/	<=33	Pass
		Inner 1RB Left	23.44	/	/	20.54	/	/	<=33	Pass
		Inner 1RB Right	23.55	/	/	20.65	/	/	<=33	Pass
	2565	Edge 1RB Left	22.03	/	/	19.13	/	/	<=33	Pass
		Edge 1RB Right	21.96	/	/	19.06	/	/	<=33	Pass
		Outer Full	21.97	/	/	19.07	/	/	<=33	Pass
		Inner Full	23.43	/	/	20.53	/	/	<=33	Pass
		Inner 1RB Left	23.57	/	/	20.67	/	/	<=33	Pass
		Inner 1RB Right	23.38	/	/	20.48	/	/	<=33	Pass
CP-OFDM 16 QAM	2505	Edge 1RB Left	22.19	/	/	19.29	/	/	<=33	Pass
		Edge 1RB Right	22.16	/	/	19.26	/	/	<=33	Pass
		Outer Full	22.15	/	/	19.25	/	/	<=33	Pass
		Inner Full	23.58	/	/	20.68	/	/	<=33	Pass
		Inner 1RB Left	23.69	/	/	20.79	/	/	<=33	Pass
		Inner 1RB Right	23.66	/	/	20.76	/	/	<=33	Pass
	2535	Edge 1RB Left	21.87	/	/	18.97	/	/	<=33	Pass
		Edge 1RB Right	22.13	/	/	19.23	/	/	<=33	Pass
		Outer Full	21.91	/	/	19.01	/	/	<=33	Pass
		Inner Full	23.36	/	/	20.46	/	/	<=33	Pass
		Inner 1RB Left	23.39	/	/	20.49	/	/	<=33	Pass
		Inner 1RB Right	23.59	/	/	20.69	/	/	<=33	Pass
	2565	Edge 1RB Left	22.07	/	/	19.17	/	/	<=33	Pass
		Edge 1RB Right	21.89	/	/	18.99	/	/	<=33	Pass
		Outer Full	21.93	/	/	19.03	/	/	<=33	Pass
		Inner Full	23.41	/	/	20.52	/	/	<=33	Pass
		Inner 1RB Left	23.65	/	/	20.75	/	/	<=33	Pass
		Inner 1RB Right	23.40	/	/	20.50	/	/	<=33	Pass
CP-OFDM 64 QAM	2505	Edge 1RB Left	22.39	/	/	19.49	/	/	<=33	Pass
		Edge 1RB Right	22.38	/	/	19.48	/	/	<=33	Pass
		Outer Full	22.15	/	/	19.25	/	/	<=33	Pass
		Inner Full	23.03	/	/	20.13	/	/	<=33	Pass
		Inner 1RB Left	23.48	/	/	20.58	/	/	<=33	Pass
		Inner 1RB Right	23.44	/	/	20.54	/	/	<=33	Pass
	2535	Edge 1RB Left	22.11	/	/	19.21	/	/	<=33	Pass
		Edge 1RB Right	22.41	/	/	19.51	/	/	<=33	Pass
		Outer Full	21.83	/	/	18.93	/	/	<=33	Pass
		Inner Full	22.78	/	/	19.88	/	/	<=33	Pass
		Inner 1RB Left	23.16	/	/	20.26	/	/	<=33	Pass
		Inner 1RB Right	23.40	/	/	20.50	/	/	<=33	Pass
	2565	Edge 1RB Left	22.32	/	/	19.42	/	/	<=33	Pass
		Edge 1RB Right	22.16	/	/	19.26	/	/	<=33	Pass
		Outer Full	21.96	/	/	19.06	/	/	<=33	Pass
		Inner Full	22.89	/	/	19.99	/	/	<=33	Pass
		Inner 1RB Left	23.36	/	/	20.46	/	/	<=33	Pass
		Inner 1RB Right	23.21	/	/	20.31	/	/	<=33	Pass
CP-OFDM 256 QAM	2505	Edge 1RB Left	21.54	/	/	18.64	/	/	<=33	Pass
		Edge 1RB Right	21.56	/	/	18.66	/	/	<=33	Pass
		Outer Full	21.65	/	/	18.75	/	/	<=33	Pass
		Inner Full	21.62	/	/	18.72	/	/	<=33	Pass

		Inner_1RB_Left	21.62	/	/	18.72	/	/	<=33	Pass
		Inner_1RB_Right	21.58	/	/	18.68	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.24	/	/	18.34	/	/	<=33	Pass
		Edge_1RB_Right	21.53	/	/	18.63	/	/	<=33	Pass
		Outer_Full	21.41	/	/	18.52	/	/	<=33	Pass
		Inner_Full	21.29	/	/	18.39	/	/	<=33	Pass
		Inner_1RB_Left	21.42	/	/	18.52	/	/	<=33	Pass
		Inner_1RB_Right	21.47	/	/	18.57	/	/	<=33	Pass
	2565	Edge_1RB_Left	21.46	/	/	18.56	/	/	<=33	Pass
		Edge_1RB_Right	21.31	/	/	18.41	/	/	<=33	Pass
		Outer_Full	21.43	/	/	18.53	/	/	<=33	Pass
		Inner_Full	21.41	/	/	18.52	/	/	<=33	Pass
		Inner_1RB_Left	21.44	/	/	18.54	/	/	<=33	Pass
		Inner_1RB_Right	21.30	/	/	18.41	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 15_S_15M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2507.5	Edge 1RB Left	22.51	/	/	19.61	/	/	<=33	Pass
		Edge 1RB Right	22.41	/	/	19.51	/	/	<=33	Pass
		Outer Full	22.20	/	/	19.30	/	/	<=33	Pass
		Inner Full	23.69	/	/	20.79	/	/	<=33	Pass
		Inner 1RB Left	23.60	/	/	20.70	/	/	<=33	Pass
		Inner 1RB Right	23.44	/	/	20.54	/	/	<=33	Pass
	2535	Edge 1RB Left	21.72	/	/	18.82	/	/	<=33	Pass
		Edge 1RB Right	22.05	/	/	19.15	/	/	<=33	Pass
		Outer Full	21.98	/	/	19.08	/	/	<=33	Pass
		Inner Full	23.40	/	/	20.50	/	/	<=33	Pass
		Inner 1RB Left	23.26	/	/	20.36	/	/	<=33	Pass
		Inner 1RB Right	23.57	/	/	20.67	/	/	<=33	Pass
	2562.5	Edge 1RB Left	22.11	/	/	19.21	/	/	<=33	Pass
		Edge 1RB Right	21.92	/	/	19.02	/	/	<=33	Pass
		Outer Full	22.16	/	/	19.26	/	/	<=33	Pass
		Inner Full	23.57	/	/	20.67	/	/	<=33	Pass
		Inner 1RB Left	23.66	/	/	20.76	/	/	<=33	Pass
		Inner 1RB Right	23.41	/	/	20.51	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2507.5	Edge 1RB Left	22.95	/	/	20.05	/	/	<=33	Pass
		Edge 1RB Right	22.79	/	/	19.89	/	/	<=33	Pass
		Outer Full	23.24	/	/	20.34	/	/	<=33	Pass
		Inner Full	23.21	/	/	20.31	/	/	<=33	Pass
		Inner 1RB Left	22.96	/	/	20.06	/	/	<=33	Pass
		Inner 1RB Right	22.53	/	/	19.63	/	/	<=33	Pass
	2535	Edge 1RB Left	21.59	/	/	18.69	/	/	<=33	Pass
		Edge 1RB Right	21.88	/	/	18.98	/	/	<=33	Pass
		Outer Full	21.96	/	/	19.06	/	/	<=33	Pass
		Inner Full	22.93	/	/	20.03	/	/	<=33	Pass
		Inner 1RB Left	22.62	/	/	19.72	/	/	<=33	Pass
		Inner 1RB Right	22.93	/	/	20.03	/	/	<=33	Pass
	2562.5	Edge 1RB Left	21.96	/	/	19.06	/	/	<=33	Pass
		Edge 1RB Right	21.89	/	/	18.99	/	/	<=33	Pass
		Outer Full	22.11	/	/	19.21	/	/	<=33	Pass
		Inner Full	23.06	/	/	20.16	/	/	<=33	Pass
		Inner 1RB Left	23.00	/	/	20.11	/	/	<=33	Pass
		Inner 1RB Right	22.76	/	/	19.86	/	/	<=33	Pass

DFT-s-OFDM 64 QAM	2507.5	Edge 1RB Left	23.37	/	/	20.47	/	/	<=33	Pass
		Edge 1RB Right	23.18	/	/	20.28	/	/	<=33	Pass
		Outer Full	23.21	/	/	20.31	/	/	<=33	Pass
		Inner Full	23.21	/	/	20.31	/	/	<=33	Pass
		Inner 1RB Left	23.41	/	/	20.51	/	/	<=33	Pass
	2535	Inner 1RB Right	23.25	/	/	20.35	/	/	<=33	Pass
		Edge 1RB Left	22.03	/	/	19.13	/	/	<=33	Pass
		Edge 1RB Right	22.29	/	/	19.39	/	/	<=33	Pass
		Outer Full	21.97	/	/	19.07	/	/	<=33	Pass
		Inner Full	22.92	/	/	20.02	/	/	<=33	Pass
	2562.5	Inner 1RB Left	23.00	/	/	20.10	/	/	<=33	Pass
		Inner 1RB Right	23.39	/	/	20.49	/	/	<=33	Pass
		Edge 1RB Left	22.41	/	/	19.51	/	/	<=33	Pass
		Edge 1RB Right	21.95	/	/	19.05	/	/	<=33	Pass
		Outer Full	22.08	/	/	19.18	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2507.5	Inner Full	23.09	/	/	20.19	/	/	<=33	Pass
		Inner 1RB Left	23.47	/	/	20.57	/	/	<=33	Pass
		Inner 1RB Right	23.26	/	/	20.36	/	/	<=33	Pass
		Edge 1RB Left	22.47	/	/	19.57	/	/	<=33	Pass
		Edge 1RB Right	22.51	/	/	19.61	/	/	<=33	Pass
	2535	Outer Full	22.70	/	/	19.81	/	/	<=33	Pass
		Inner Full	22.70	/	/	19.80	/	/	<=33	Pass
		Inner 1RB Left	22.79	/	/	19.89	/	/	<=33	Pass
		Inner 1RB Right	22.61	/	/	19.71	/	/	<=33	Pass
		Edge 1RB Left	21.05	/	/	18.15	/	/	<=33	Pass
	2562.5	Edge 1RB Right	21.38	/	/	18.48	/	/	<=33	Pass
		Outer Full	21.48	/	/	18.59	/	/	<=33	Pass
		Inner Full	21.41	/	/	18.51	/	/	<=33	Pass
		Inner 1RB Left	21.11	/	/	18.21	/	/	<=33	Pass
		Inner 1RB Right	21.46	/	/	18.56	/	/	<=33	Pass
CP-OFDM QPSK	2507.5	Edge 1RB Left	21.47	/	/	18.57	/	/	<=33	Pass
		Edge 1RB Right	21.20	/	/	18.30	/	/	<=33	Pass
		Outer Full	21.59	/	/	18.69	/	/	<=33	Pass
		Inner Full	21.57	/	/	18.67	/	/	<=33	Pass
		Inner 1RB Left	21.51	/	/	18.61	/	/	<=33	Pass
	2535	Inner 1RB Right	21.27	/	/	18.37	/	/	<=33	Pass
		Edge 1RB Left	22.12	/	/	19.22	/	/	<=33	Pass
		Edge 1RB Right	21.93	/	/	19.03	/	/	<=33	Pass
		Outer Full	22.22	/	/	19.32	/	/	<=33	Pass
		Inner Full	23.70	/	/	20.80	/	/	<=33	Pass
	2562.5	Inner 1RB Left	23.60	/	/	20.70	/	/	<=33	Pass
		Inner 1RB Right	23.46	/	/	20.56	/	/	<=33	Pass
		Edge 1RB Left	21.65	/	/	18.75	/	/	<=33	Pass
		Edge 1RB Right	22.04	/	/	19.14	/	/	<=33	Pass
		Outer Full	22.04	/	/	19.14	/	/	<=33	Pass
CP-OFDM 16 QAM	2507.5	Inner Full	23.45	/	/	20.55	/	/	<=33	Pass
		Inner 1RB Left	23.19	/	/	20.29	/	/	<=33	Pass
		Inner 1RB Right	23.52	/	/	20.63	/	/	<=33	Pass
		Edge 1RB Left	22.04	/	/	19.14	/	/	<=33	Pass
		Edge 1RB Right	21.79	/	/	18.89	/	/	<=33	Pass
	2535	Outer Full	22.12	/	/	19.23	/	/	<=33	Pass
		Inner Full	23.53	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Left	23.57	/	/	20.67	/	/	<=33	Pass
		Inner 1RB Right	23.32	/	/	20.42	/	/	<=33	Pass
	2562.5	Edge 1RB Left	22.09	/	/	19.19	/	/	<=33	Pass
		Edge 1RB Right	21.93	/	/	19.04	/	/	<=33	Pass
		Outer Full	22.21	/	/	19.31	/	/	<=33	Pass
		Inner Full	23.69	/	/	20.79	/	/	<=33	Pass
		Inner 1RB Left	23.74	/	/	20.84	/	/	<=33	Pass

		Inner 1RB Right	23.45	/	/	20.55	/	/	<=33	Pass	
		2535	Edge 1RB Left	21.71	/	/	18.81	/	/	<=33	Pass
			Edge 1RB Right	22.00	/	/	19.10	/	/	<=33	Pass
			Outer_Full	22.00	/	/	19.10	/	/	<=33	Pass
			Inner_Full	23.48	/	/	20.58	/	/	<=33	Pass
			Inner 1RB Left	23.26	/	/	20.36	/	/	<=33	Pass
			Inner 1RB Right	23.58	/	/	20.68	/	/	<=33	Pass
		2562.5	Edge 1RB Left	22.10	/	/	19.20	/	/	<=33	Pass
			Edge 1RB Right	21.85	/	/	18.95	/	/	<=33	Pass
			Outer_Full	22.09	/	/	19.19	/	/	<=33	Pass
			Inner_Full	23.58	/	/	20.68	/	/	<=33	Pass
			Inner 1RB Left	23.62	/	/	20.72	/	/	<=33	Pass
Inner 1RB Right	23.37		/	/	20.47	/	/	<=33	Pass		
CP-OFDM 64 QAM	2507.5	Edge 1RB Left	22.31	/	/	19.41	/	/	<=33	Pass	
		Edge 1RB Right	22.02	/	/	19.12	/	/	<=33	Pass	
		Outer_Full	22.19	/	/	19.29	/	/	<=33	Pass	
		Inner_Full	23.16	/	/	20.26	/	/	<=33	Pass	
		Inner 1RB Left	23.40	/	/	20.50	/	/	<=33	Pass	
		Inner 1RB Right	23.18	/	/	20.28	/	/	<=33	Pass	
	2535	Edge 1RB Left	21.97	/	/	19.07	/	/	<=33	Pass	
		Edge 1RB Right	22.20	/	/	19.31	/	/	<=33	Pass	
		Outer_Full	22.01	/	/	19.11	/	/	<=33	Pass	
		Inner_Full	22.94	/	/	20.04	/	/	<=33	Pass	
		Inner 1RB Left	23.03	/	/	20.13	/	/	<=33	Pass	
		Inner 1RB Right	23.36	/	/	20.46	/	/	<=33	Pass	
	2562.5	Edge 1RB Left	22.32	/	/	19.42	/	/	<=33	Pass	
		Edge 1RB Right	22.10	/	/	19.20	/	/	<=33	Pass	
		Outer_Full	22.12	/	/	19.22	/	/	<=33	Pass	
		Inner_Full	23.08	/	/	20.18	/	/	<=33	Pass	
		Inner 1RB Left	23.20	/	/	20.30	/	/	<=33	Pass	
		Inner 1RB Right	23.16	/	/	20.26	/	/	<=33	Pass	
CP-OFDM 256 QAM	2507.5	Edge 1RB Left	21.43	/	/	18.53	/	/	<=33	Pass	
		Edge 1RB Right	21.32	/	/	18.42	/	/	<=33	Pass	
		Outer_Full	21.67	/	/	18.77	/	/	<=33	Pass	
		Inner_Full	21.66	/	/	18.76	/	/	<=33	Pass	
		Inner 1RB Left	21.51	/	/	18.61	/	/	<=33	Pass	
		Inner 1RB Right	21.30	/	/	18.41	/	/	<=33	Pass	
	2535	Edge 1RB Left	20.92	/	/	18.02	/	/	<=33	Pass	
		Edge 1RB Right	21.52	/	/	18.62	/	/	<=33	Pass	
		Outer_Full	21.49	/	/	18.59	/	/	<=33	Pass	
		Inner_Full	21.47	/	/	18.57	/	/	<=33	Pass	
		Inner 1RB Left	21.10	/	/	18.20	/	/	<=33	Pass	
		Inner 1RB Right	21.44	/	/	18.54	/	/	<=33	Pass	
	2562.5	Edge 1RB Left	21.95	/	/	19.05	/	/	<=33	Pass	
		Edge 1RB Right	21.19	/	/	18.29	/	/	<=33	Pass	
		Outer_Full	21.60	/	/	18.70	/	/	<=33	Pass	
		Inner_Full	21.62	/	/	18.72	/	/	<=33	Pass	
		Inner 1RB Left	21.48	/	/	18.58	/	/	<=33	Pass	
	Inner 1RB Right	21.30	/	/	18.40	/	/	<=33	Pass		
Note1: Antenna Gain: Ant5: -2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.4 15_S_20M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 20MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2510	Edge 1RB Left	22.07	/	/	19.17	/	/	<=33	Pass

		Edge 1RB Right	21.81	/	/	18.91	/	/	<=33	Pass
		Outer Full	22.17	/	/	19.27	/	/	<=33	Pass
		Inner Full	23.63	/	/	20.73	/	/	<=33	Pass
		Inner 1RB Left	23.60	/	/	20.70	/	/	<=33	Pass
	2535	Inner 1RB Right	23.26	/	/	20.36	/	/	<=33	Pass
		Edge 1RB Left	21.72	/	/	18.82	/	/	<=33	Pass
		Edge 1RB Right	22.13	/	/	19.23	/	/	<=33	Pass
		Outer Full	21.99	/	/	19.09	/	/	<=33	Pass
		Inner Full	23.48	/	/	20.58	/	/	<=33	Pass
		Inner 1RB Left	23.27	/	/	20.37	/	/	<=33	Pass
		Inner 1RB Right	23.60	/	/	20.70	/	/	<=33	Pass
	2560	Edge 1RB Left	22.12	/	/	19.23	/	/	<=33	Pass
		Edge 1RB Right	21.91	/	/	19.01	/	/	<=33	Pass
		Outer Full	22.18	/	/	19.28	/	/	<=33	Pass
		Inner Full	23.68	/	/	20.78	/	/	<=33	Pass
		Inner 1RB Left	23.60	/	/	20.70	/	/	<=33	Pass
		Inner 1RB Right	23.37	/	/	20.47	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2510	Edge 1RB Left	21.92	/	/	19.02	/	/	<=33	Pass
		Edge 1RB Right	21.70	/	/	18.80	/	/	<=33	Pass
		Outer Full	22.13	/	/	19.23	/	/	<=33	Pass
		Inner Full	23.07	/	/	20.17	/	/	<=33	Pass
		Inner 1RB Left	22.97	/	/	20.07	/	/	<=33	Pass
		Inner 1RB Right	22.63	/	/	19.73	/	/	<=33	Pass
	2535	Edge 1RB Left	21.51	/	/	18.61	/	/	<=33	Pass
		Edge 1RB Right	21.95	/	/	19.05	/	/	<=33	Pass
		Outer Full	21.97	/	/	19.07	/	/	<=33	Pass
		Inner Full	22.93	/	/	20.03	/	/	<=33	Pass
		Inner 1RB Left	22.57	/	/	19.67	/	/	<=33	Pass
		Inner 1RB Right	22.92	/	/	20.02	/	/	<=33	Pass
	2560	Edge 1RB Left	21.99	/	/	19.09	/	/	<=33	Pass
		Edge 1RB Right	21.76	/	/	18.86	/	/	<=33	Pass
		Outer Full	22.19	/	/	19.29	/	/	<=33	Pass
		Inner Full	23.12	/	/	20.22	/	/	<=33	Pass
		Inner 1RB Left	23.02	/	/	20.12	/	/	<=33	Pass
		Inner 1RB Right	22.78	/	/	19.88	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2510	Edge 1RB Left	22.36	/	/	19.46	/	/	<=33	Pass
		Edge 1RB Right	22.06	/	/	19.16	/	/	<=33	Pass
		Outer Full	22.13	/	/	19.23	/	/	<=33	Pass
		Inner Full	23.15	/	/	20.25	/	/	<=33	Pass
		Inner 1RB Left	23.45	/	/	20.55	/	/	<=33	Pass
		Inner 1RB Right	22.61	/	/	19.71	/	/	<=33	Pass
	2535	Edge 1RB Left	21.98	/	/	19.08	/	/	<=33	Pass
		Edge 1RB Right	22.38	/	/	19.48	/	/	<=33	Pass
		Outer Full	21.98	/	/	19.08	/	/	<=33	Pass
		Inner Full	22.94	/	/	20.04	/	/	<=33	Pass
		Inner 1RB Left	23.02	/	/	20.12	/	/	<=33	Pass
		Inner 1RB Right	23.42	/	/	20.52	/	/	<=33	Pass
	2560	Edge 1RB Left	22.42	/	/	19.52	/	/	<=33	Pass
		Edge 1RB Right	21.58	/	/	18.68	/	/	<=33	Pass
		Outer Full	22.17	/	/	19.27	/	/	<=33	Pass
		Inner Full	23.15	/	/	20.25	/	/	<=33	Pass
		Inner 1RB Left	23.53	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Right	23.26	/	/	20.36	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2510	Edge 1RB Left	21.45	/	/	18.55	/	/	<=33	Pass
		Edge 1RB Right	21.11	/	/	18.22	/	/	<=33	Pass
		Outer Full	21.61	/	/	18.71	/	/	<=33	Pass
		Inner Full	21.65	/	/	18.75	/	/	<=33	Pass
		Inner 1RB Left	21.53	/	/	18.63	/	/	<=33	Pass
		Inner 1RB Right	21.32	/	/	18.42	/	/	<=33	Pass

	2535	Edge 1RB Left	21.03	/	/	18.13	/	/	<=33	Pass
		Edge 1RB Right	21.48	/	/	18.58	/	/	<=33	Pass
		Outer Full	21.44	/	/	18.54	/	/	<=33	Pass
		Inner Full	21.47	/	/	18.57	/	/	<=33	Pass
		Inner 1RB Left	21.09	/	/	18.19	/	/	<=33	Pass
		Inner 1RB Right	21.48	/	/	18.58	/	/	<=33	Pass
	2560	Edge 1RB Left	21.47	/	/	18.57	/	/	<=33	Pass
		Edge 1RB Right	21.28	/	/	18.38	/	/	<=33	Pass
		Outer Full	21.66	/	/	18.76	/	/	<=33	Pass
		Inner Full	21.66	/	/	18.76	/	/	<=33	Pass
		Inner 1RB Left	21.58	/	/	18.68	/	/	<=33	Pass
CP-OFDM QPSK	2510	Inner 1RB Right	21.29	/	/	18.39	/	/	<=33	Pass
		Edge 1RB Left	22.01	/	/	19.11	/	/	<=33	Pass
		Edge 1RB Right	21.74	/	/	18.84	/	/	<=33	Pass
		Outer Full	22.13	/	/	19.23	/	/	<=33	Pass
		Inner Full	23.61	/	/	20.72	/	/	<=33	Pass
		Inner 1RB Left	23.55	/	/	20.65	/	/	<=33	Pass
	2535	Inner 1RB Right	23.25	/	/	20.35	/	/	<=33	Pass
		Edge 1RB Left	21.68	/	/	18.78	/	/	<=33	Pass
		Edge 1RB Right	22.03	/	/	19.13	/	/	<=33	Pass
		Outer Full	21.99	/	/	19.09	/	/	<=33	Pass
		Inner Full	23.46	/	/	20.56	/	/	<=33	Pass
		Inner 1RB Left	23.11	/	/	20.21	/	/	<=33	Pass
	2560	Inner 1RB Right	23.54	/	/	20.64	/	/	<=33	Pass
		Edge 1RB Left	22.06	/	/	19.16	/	/	<=33	Pass
		Edge 1RB Right	21.87	/	/	18.97	/	/	<=33	Pass
		Outer Full	22.16	/	/	19.26	/	/	<=33	Pass
		Inner Full	23.63	/	/	20.73	/	/	<=33	Pass
		Inner 1RB Left	23.59	/	/	20.69	/	/	<=33	Pass
CP-OFDM 16 QAM	2510	Inner 1RB Right	23.37	/	/	20.47	/	/	<=33	Pass
		Edge 1RB Left	22.02	/	/	19.12	/	/	<=33	Pass
		Edge 1RB Right	21.75	/	/	18.85	/	/	<=33	Pass
		Outer Full	22.07	/	/	19.18	/	/	<=33	Pass
		Inner Full	23.61	/	/	20.71	/	/	<=33	Pass
		Inner 1RB Left	23.60	/	/	20.70	/	/	<=33	Pass
	2535	Inner 1RB Right	23.27	/	/	20.38	/	/	<=33	Pass
		Edge 1RB Left	21.64	/	/	18.74	/	/	<=33	Pass
		Edge 1RB Right	22.09	/	/	19.19	/	/	<=33	Pass
		Outer Full	21.95	/	/	19.06	/	/	<=33	Pass
		Inner Full	23.49	/	/	20.59	/	/	<=33	Pass
		Inner 1RB Left	23.25	/	/	20.35	/	/	<=33	Pass
	2560	Inner 1RB Right	23.56	/	/	20.66	/	/	<=33	Pass
		Edge 1RB Left	22.12	/	/	19.22	/	/	<=33	Pass
		Edge 1RB Right	21.86	/	/	18.96	/	/	<=33	Pass
		Outer Full	22.14	/	/	19.24	/	/	<=33	Pass
		Inner Full	23.65	/	/	20.75	/	/	<=33	Pass
		Inner 1RB Left	23.66	/	/	20.76	/	/	<=33	Pass
CP-OFDM 64 QAM	2510	Inner 1RB Right	23.40	/	/	20.50	/	/	<=33	Pass
		Edge 1RB Left	22.31	/	/	19.41	/	/	<=33	Pass
		Edge 1RB Right	22.04	/	/	19.14	/	/	<=33	Pass
		Outer Full	22.07	/	/	19.17	/	/	<=33	Pass
		Inner Full	23.09	/	/	20.20	/	/	<=33	Pass
	2535	Inner 1RB Left	23.31	/	/	20.41	/	/	<=33	Pass
		Inner 1RB Right	23.04	/	/	20.14	/	/	<=33	Pass
		Edge 1RB Left	21.94	/	/	19.04	/	/	<=33	Pass
		Edge 1RB Right	22.36	/	/	19.46	/	/	<=33	Pass
		Outer Full	21.95	/	/	19.05	/	/	<=33	Pass
		Inner Full	22.95	/	/	20.05	/	/	<=33	Pass
		Inner 1RB Left	22.97	/	/	20.07	/	/	<=33	Pass

	2560	Inner 1RB Right	23.17	/	/	20.27	/	/	<=33	Pass
		Edge 1RB Left	22.36	/	/	19.46	/	/	<=33	Pass
		Edge 1RB Right	22.16	/	/	19.26	/	/	<=33	Pass
		Outer_Full	22.13	/	/	19.23	/	/	<=33	Pass
		Inner_Full	23.09	/	/	20.19	/	/	<=33	Pass
		Inner 1RB Left	23.38	/	/	20.48	/	/	<=33	Pass
		Inner 1RB Right	23.19	/	/	20.29	/	/	<=33	Pass
CP-OFDM 256 QAM	2510	Edge 1RB Left	21.43	/	/	18.53	/	/	<=33	Pass
		Edge 1RB Right	21.18	/	/	18.28	/	/	<=33	Pass
		Outer_Full	21.59	/	/	18.69	/	/	<=33	Pass
		Inner_Full	21.64	/	/	18.74	/	/	<=33	Pass
		Inner 1RB Left	21.52	/	/	18.62	/	/	<=33	Pass
		Inner 1RB Right	21.17	/	/	18.27	/	/	<=33	Pass
	2535	Edge 1RB Left	21.07	/	/	18.17	/	/	<=33	Pass
		Edge 1RB Right	21.44	/	/	18.54	/	/	<=33	Pass
		Outer_Full	21.44	/	/	18.54	/	/	<=33	Pass
		Inner_Full	21.49	/	/	18.59	/	/	<=33	Pass
		Inner 1RB Left	21.07	/	/	18.17	/	/	<=33	Pass
		Inner 1RB Right	21.48	/	/	18.58	/	/	<=33	Pass
	2560	Edge 1RB Left	21.52	/	/	18.63	/	/	<=33	Pass
		Edge 1RB Right	21.27	/	/	18.37	/	/	<=33	Pass
		Outer_Full	21.63	/	/	18.73	/	/	<=33	Pass
		Inner_Full	21.66	/	/	18.76	/	/	<=33	Pass
		Inner 1RB Left	21.52	/	/	18.62	/	/	<=33	Pass
	Inner 1RB Right	21.29	/	/	18.39	/	/	<=33	Pass	
	Note1: Antenna Gain: Ant5: -2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain									

1.1.5 15_S_25M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 25MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2512.5	Edge 1RB Left	22.21	/	/	19.31	/	/	<=33	Pass
		Edge 1RB Right	21.71	/	/	18.81	/	/	<=33	Pass
		Outer Full	22.09	/	/	19.19	/	/	<=33	Pass
		Inner Full	23.56	/	/	20.66	/	/	<=33	Pass
		Inner 1RB Left	23.71	/	/	20.81	/	/	<=33	Pass
		Inner 1RB Right	23.34	/	/	20.44	/	/	<=33	Pass
	2535	Edge 1RB Left	21.79	/	/	18.89	/	/	<=33	Pass
		Edge 1RB Right	22.21	/	/	19.31	/	/	<=33	Pass
		Outer Full	21.93	/	/	19.03	/	/	<=33	Pass
		Inner Full	23.45	/	/	20.55	/	/	<=33	Pass
		Inner 1RB Left	23.26	/	/	20.36	/	/	<=33	Pass
		Inner 1RB Right	23.72	/	/	20.82	/	/	<=33	Pass
	2557.5	Edge 1RB Left	22.09	/	/	19.19	/	/	<=33	Pass
		Edge 1RB Right	21.96	/	/	19.06	/	/	<=33	Pass
		Outer Full	22.21	/	/	19.31	/	/	<=33	Pass
		Inner Full	23.68	/	/	20.78	/	/	<=33	Pass
		Inner 1RB Left	23.62	/	/	20.73	/	/	<=33	Pass
		Inner 1RB Right	23.49	/	/	20.59	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2512.5	Edge 1RB Left	22.34	/	/	19.44	/	/	<=33	Pass
		Edge 1RB Right	21.72	/	/	18.82	/	/	<=33	Pass
		Outer Full	22.08	/	/	19.18	/	/	<=33	Pass
		Inner Full	23.07	/	/	20.17	/	/	<=33	Pass
		Inner 1RB Left	23.05	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Right	22.73	/	/	19.83	/	/	<=33	Pass
	2535	Edge 1RB Left	21.66	/	/	18.76	/	/	<=33	Pass
		Edge 1RB Left	21.66	/	/	18.76	/	/	<=33	Pass

		Edge 1RB Right	22.27	/	/	19.37	/	/	<=33	Pass
		Outer Full	21.99	/	/	19.09	/	/	<=33	Pass
		Inner Full	23.00	/	/	20.11	/	/	<=33	Pass
		Inner 1RB Left	22.65	/	/	19.75	/	/	<=33	Pass
	2557.5	Inner 1RB Right	23.13	/	/	20.23	/	/	<=33	Pass
		Edge 1RB Left	21.94	/	/	19.04	/	/	<=33	Pass
		Edge 1RB Right	21.80	/	/	18.90	/	/	<=33	Pass
		Outer Full	22.21	/	/	19.31	/	/	<=33	Pass
		Inner Full	23.13	/	/	20.23	/	/	<=33	Pass
		Inner 1RB Left	23.03	/	/	20.13	/	/	<=33	Pass
		Inner 1RB Right	22.88	/	/	19.98	/	/	<=33	Pass
		Edge 1RB Left	22.42	/	/	19.52	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2512.5	Edge 1RB Right	22.08	/	/	19.18	/	/	<=33	Pass
		Outer Full	22.05	/	/	19.15	/	/	<=33	Pass
		Inner Full	23.07	/	/	20.18	/	/	<=33	Pass
		Inner 1RB Left	23.54	/	/	20.64	/	/	<=33	Pass
		Inner 1RB Right	23.09	/	/	20.19	/	/	<=33	Pass
	2535	Edge 1RB Left	22.08	/	/	19.18	/	/	<=33	Pass
		Edge 1RB Right	22.47	/	/	19.57	/	/	<=33	Pass
		Outer Full	21.92	/	/	19.02	/	/	<=33	Pass
		Inner Full	23.00	/	/	20.10	/	/	<=33	Pass
		Inner 1RB Left	23.11	/	/	20.21	/	/	<=33	Pass
		Inner 1RB Right	23.61	/	/	20.71	/	/	<=33	Pass
	2557.5	Edge 1RB Left	22.39	/	/	19.49	/	/	<=33	Pass
		Edge 1RB Right	22.24	/	/	19.34	/	/	<=33	Pass
		Outer Full	22.24	/	/	19.34	/	/	<=33	Pass
		Inner Full	23.17	/	/	20.27	/	/	<=33	Pass
		Inner 1RB Left	23.50	/	/	20.60	/	/	<=33	Pass
		Inner 1RB Right	23.23	/	/	20.33	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2512.5	Edge 1RB Left	21.53	/	/	18.63	/	/	<=33	Pass
		Edge 1RB Right	21.19	/	/	18.29	/	/	<=33	Pass
		Outer Full	21.61	/	/	18.71	/	/	<=33	Pass
		Inner Full	21.55	/	/	18.66	/	/	<=33	Pass
		Inner 1RB Left	21.75	/	/	18.85	/	/	<=33	Pass
		Inner 1RB Right	21.21	/	/	18.32	/	/	<=33	Pass
	2535	Edge 1RB Left	21.11	/	/	18.21	/	/	<=33	Pass
		Edge 1RB Right	22.03	/	/	19.13	/	/	<=33	Pass
		Outer Full	21.44	/	/	18.54	/	/	<=33	Pass
		Inner Full	21.52	/	/	18.62	/	/	<=33	Pass
		Inner 1RB Left	21.16	/	/	18.26	/	/	<=33	Pass
		Inner 1RB Right	21.63	/	/	18.73	/	/	<=33	Pass
	2557.5	Edge 1RB Left	21.51	/	/	18.61	/	/	<=33	Pass
		Edge 1RB Right	21.28	/	/	18.38	/	/	<=33	Pass
		Outer Full	21.74	/	/	18.84	/	/	<=33	Pass
		Inner Full	21.65	/	/	18.75	/	/	<=33	Pass
		Inner 1RB Left	21.68	/	/	18.78	/	/	<=33	Pass
		Inner 1RB Right	21.38	/	/	18.48	/	/	<=33	Pass
CP-OFDM QPSK	2512.5	Edge 1RB Left	22.13	/	/	19.23	/	/	<=33	Pass
		Edge 1RB Right	21.75	/	/	18.86	/	/	<=33	Pass
		Outer Full	22.06	/	/	19.16	/	/	<=33	Pass
		Inner Full	23.57	/	/	20.67	/	/	<=33	Pass
		Inner 1RB Left	23.64	/	/	20.74	/	/	<=33	Pass
		Inner 1RB Right	23.28	/	/	20.38	/	/	<=33	Pass
	2535	Edge 1RB Left	21.71	/	/	18.81	/	/	<=33	Pass
		Edge 1RB Right	22.18	/	/	19.28	/	/	<=33	Pass
		Outer Full	21.92	/	/	19.02	/	/	<=33	Pass
		Inner Full	23.49	/	/	20.59	/	/	<=33	Pass
		Inner 1RB Left	23.21	/	/	20.31	/	/	<=33	Pass
		Inner 1RB Right	23.68	/	/	20.79	/	/	<=33	Pass

	2557.5	Edge 1RB Left	22.04	/	/	19.14	/	/	<=33	Pass
		Edge 1RB Right	21.89	/	/	18.99	/	/	<=33	Pass
		Outer Full	22.14	/	/	19.24	/	/	<=33	Pass
		Inner Full	23.66	/	/	20.76	/	/	<=33	Pass
		Inner 1RB Left	23.62	/	/	20.72	/	/	<=33	Pass
CP-OFDM 16 QAM	2512.5	Inner 1RB Right	23.48	/	/	20.58	/	/	<=33	Pass
		Edge 1RB Left	22.18	/	/	19.28	/	/	<=33	Pass
		Edge 1RB Right	21.77	/	/	18.87	/	/	<=33	Pass
		Outer Full	22.05	/	/	19.15	/	/	<=33	Pass
		Inner Full	23.55	/	/	20.65	/	/	<=33	Pass
		Inner 1RB Left	23.70	/	/	20.80	/	/	<=33	Pass
	2535	Inner 1RB Right	23.35	/	/	20.45	/	/	<=33	Pass
		Edge 1RB Left	21.77	/	/	18.87	/	/	<=33	Pass
		Edge 1RB Right	22.17	/	/	19.27	/	/	<=33	Pass
		Outer Full	21.84	/	/	18.94	/	/	<=33	Pass
		Inner Full	23.53	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Left	23.30	/	/	20.40	/	/	<=33	Pass
	2557.5	Inner 1RB Right	23.72	/	/	20.82	/	/	<=33	Pass
		Edge 1RB Left	22.07	/	/	19.17	/	/	<=33	Pass
		Edge 1RB Right	21.94	/	/	19.04	/	/	<=33	Pass
		Outer Full	22.17	/	/	19.27	/	/	<=33	Pass
		Inner Full	23.68	/	/	20.78	/	/	<=33	Pass
		Inner 1RB Left	23.66	/	/	20.76	/	/	<=33	Pass
CP-OFDM 64 QAM	2512.5	Inner 1RB Right	23.48	/	/	20.58	/	/	<=33	Pass
		Edge 1RB Left	22.39	/	/	19.49	/	/	<=33	Pass
		Edge 1RB Right	22.03	/	/	19.13	/	/	<=33	Pass
		Outer Full	22.03	/	/	19.13	/	/	<=33	Pass
		Inner Full	23.04	/	/	20.14	/	/	<=33	Pass
		Inner 1RB Left	23.31	/	/	20.41	/	/	<=33	Pass
	2535	Inner 1RB Right	23.09	/	/	20.19	/	/	<=33	Pass
		Edge 1RB Left	22.05	/	/	19.15	/	/	<=33	Pass
		Edge 1RB Right	22.32	/	/	19.42	/	/	<=33	Pass
		Outer Full	21.97	/	/	19.07	/	/	<=33	Pass
		Inner Full	23.00	/	/	20.10	/	/	<=33	Pass
		Inner 1RB Left	23.02	/	/	20.12	/	/	<=33	Pass
	2557.5	Inner 1RB Right	23.50	/	/	20.60	/	/	<=33	Pass
		Edge 1RB Left	22.32	/	/	19.42	/	/	<=33	Pass
		Edge 1RB Right	22.18	/	/	19.29	/	/	<=33	Pass
		Outer Full	22.19	/	/	19.29	/	/	<=33	Pass
		Inner Full	23.14	/	/	20.24	/	/	<=33	Pass
		Inner 1RB Left	23.43	/	/	20.53	/	/	<=33	Pass
CP-OFDM 256 QAM	2512.5	Inner 1RB Right	23.26	/	/	20.36	/	/	<=33	Pass
		Edge 1RB Left	21.55	/	/	18.65	/	/	<=33	Pass
		Edge 1RB Right	21.11	/	/	18.21	/	/	<=33	Pass
		Outer Full	21.57	/	/	18.67	/	/	<=33	Pass
		Inner Full	21.56	/	/	18.66	/	/	<=33	Pass
		Inner 1RB Left	21.59	/	/	18.69	/	/	<=33	Pass
	2535	Inner 1RB Right	21.24	/	/	18.34	/	/	<=33	Pass
		Edge 1RB Left	21.13	/	/	18.23	/	/	<=33	Pass
		Edge 1RB Right	21.62	/	/	18.72	/	/	<=33	Pass
		Outer Full	21.46	/	/	18.56	/	/	<=33	Pass
		Inner Full	21.54	/	/	18.64	/	/	<=33	Pass
		Inner 1RB Left	21.16	/	/	18.26	/	/	<=33	Pass
	2557.5	Inner 1RB Right	21.66	/	/	18.76	/	/	<=33	Pass
		Edge 1RB Left	21.49	/	/	18.59	/	/	<=33	Pass
		Edge 1RB Right	21.30	/	/	18.40	/	/	<=33	Pass
		Outer Full	21.70	/	/	18.80	/	/	<=33	Pass
		Inner Full	21.68	/	/	18.78	/	/	<=33	Pass
		Inner 1RB Left	21.56	/	/	18.66	/	/	<=33	Pass

		Inner 1RB Right	21.52	/	/	18.62	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.6 15_S_30M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 30MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2515	Edge 1RB Left	22.09	/	/	19.19	/	/	<=33	Pass
		Edge 1RB Right	21.79	/	/	18.89	/	/	<=33	Pass
		Outer Full	22.06	/	/	19.16	/	/	<=33	Pass
		Inner Full	23.48	/	/	20.58	/	/	<=33	Pass
		Inner 1RB Left	23.61	/	/	20.71	/	/	<=33	Pass
		Inner 1RB Right	23.27	/	/	20.37	/	/	<=33	Pass
	2535	Edge 1RB Left	21.70	/	/	18.80	/	/	<=33	Pass
		Edge 1RB Right	22.18	/	/	19.28	/	/	<=33	Pass
		Outer Full	22.03	/	/	19.13	/	/	<=33	Pass
		Inner Full	23.50	/	/	20.60	/	/	<=33	Pass
		Inner 1RB Left	23.19	/	/	20.29	/	/	<=33	Pass
		Inner 1RB Right	23.65	/	/	20.75	/	/	<=33	Pass
	2555	Edge 1RB Left	21.92	/	/	19.02	/	/	<=33	Pass
		Edge 1RB Right	21.78	/	/	18.88	/	/	<=33	Pass
		Outer Full	22.24	/	/	19.34	/	/	<=33	Pass
		Inner Full	23.66	/	/	20.76	/	/	<=33	Pass
		Inner 1RB Left	23.43	/	/	20.53	/	/	<=33	Pass
		Inner 1RB Right	23.33	/	/	20.43	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2515	Edge 1RB Left	21.93	/	/	19.03	/	/	<=33	Pass
		Edge 1RB Right	21.66	/	/	18.76	/	/	<=33	Pass
		Outer Full	22.04	/	/	19.14	/	/	<=33	Pass
		Inner Full	22.99	/	/	20.09	/	/	<=33	Pass
		Inner 1RB Left	23.01	/	/	20.11	/	/	<=33	Pass
		Inner 1RB Right	22.68	/	/	19.78	/	/	<=33	Pass
	2535	Edge 1RB Left	21.68	/	/	18.78	/	/	<=33	Pass
		Edge 1RB Right	22.02	/	/	19.12	/	/	<=33	Pass
		Outer Full	22.02	/	/	19.12	/	/	<=33	Pass
		Inner Full	23.02	/	/	20.12	/	/	<=33	Pass
		Inner 1RB Left	22.59	/	/	19.69	/	/	<=33	Pass
		Inner 1RB Right	23.05	/	/	20.15	/	/	<=33	Pass
	2555	Edge 1RB Left	21.82	/	/	18.92	/	/	<=33	Pass
		Edge 1RB Right	21.73	/	/	18.83	/	/	<=33	Pass
		Outer Full	22.24	/	/	19.34	/	/	<=33	Pass
		Inner Full	23.21	/	/	20.31	/	/	<=33	Pass
		Inner 1RB Left	22.75	/	/	19.85	/	/	<=33	Pass
		Inner 1RB Right	22.75	/	/	19.86	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2515	Edge 1RB Left	21.93	/	/	19.03	/	/	<=33	Pass
		Edge 1RB Right	22.12	/	/	19.22	/	/	<=33	Pass
		Outer Full	22.03	/	/	19.13	/	/	<=33	Pass
		Inner Full	22.99	/	/	20.09	/	/	<=33	Pass
		Inner 1RB Left	23.52	/	/	20.62	/	/	<=33	Pass
		Inner 1RB Right	23.18	/	/	20.28	/	/	<=33	Pass
	2535	Edge 1RB Left	21.96	/	/	19.06	/	/	<=33	Pass
		Edge 1RB Right	22.46	/	/	19.56	/	/	<=33	Pass
		Outer Full	22.04	/	/	19.14	/	/	<=33	Pass
		Inner Full	23.05	/	/	20.15	/	/	<=33	Pass
		Inner 1RB Left	23.01	/	/	20.11	/	/	<=33	Pass
		Inner 1RB Right	23.54	/	/	20.64	/	/	<=33	Pass
	2555	Edge 1RB Left	22.27	/	/	19.37	/	/	<=33	Pass

		Edge 1RB Right	22.20	/	/	19.30	/	/	<=33	Pass
		Outer Full	22.24	/	/	19.34	/	/	<=33	Pass
		Inner Full	23.22	/	/	20.32	/	/	<=33	Pass
		Inner 1RB Left	23.38	/	/	20.48	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2515	Inner 1RB Right	23.26	/	/	20.36	/	/	<=33	Pass
		Edge 1RB Left	21.49	/	/	18.59	/	/	<=33	Pass
		Edge 1RB Right	21.12	/	/	18.22	/	/	<=33	Pass
		Outer Full	21.55	/	/	18.65	/	/	<=33	Pass
		Inner Full	21.53	/	/	18.63	/	/	<=33	Pass
		Inner 1RB Left	21.50	/	/	18.60	/	/	<=33	Pass
	2535	Inner 1RB Right	21.18	/	/	18.28	/	/	<=33	Pass
		Edge 1RB Left	21.06	/	/	18.16	/	/	<=33	Pass
		Edge 1RB Right	21.51	/	/	18.61	/	/	<=33	Pass
		Outer Full	21.52	/	/	18.62	/	/	<=33	Pass
		Inner Full	21.55	/	/	18.65	/	/	<=33	Pass
		Inner 1RB Left	21.10	/	/	18.20	/	/	<=33	Pass
	2555	Inner 1RB Right	22.07	/	/	19.17	/	/	<=33	Pass
		Edge 1RB Left	21.27	/	/	18.37	/	/	<=33	Pass
		Edge 1RB Right	21.23	/	/	18.33	/	/	<=33	Pass
		Outer Full	21.76	/	/	18.86	/	/	<=33	Pass
		Inner Full	21.77	/	/	18.87	/	/	<=33	Pass
		Inner 1RB Left	21.36	/	/	18.46	/	/	<=33	Pass
CP-OFDM QPSK	2515	Inner 1RB Right	21.28	/	/	18.38	/	/	<=33	Pass
		Edge 1RB Left	22.02	/	/	19.12	/	/	<=33	Pass
		Edge 1RB Right	21.77	/	/	18.88	/	/	<=33	Pass
		Outer Full	22.05	/	/	19.15	/	/	<=33	Pass
		Inner Full	23.48	/	/	20.58	/	/	<=33	Pass
		Inner 1RB Left	23.58	/	/	20.68	/	/	<=33	Pass
	2535	Inner 1RB Right	23.23	/	/	20.33	/	/	<=33	Pass
		Edge 1RB Left	21.61	/	/	18.71	/	/	<=33	Pass
		Edge 1RB Right	22.11	/	/	19.21	/	/	<=33	Pass
		Outer Full	21.98	/	/	19.08	/	/	<=33	Pass
		Inner Full	23.55	/	/	20.65	/	/	<=33	Pass
		Inner 1RB Left	23.20	/	/	20.30	/	/	<=33	Pass
	2555	Inner 1RB Right	23.63	/	/	20.73	/	/	<=33	Pass
		Edge 1RB Left	21.85	/	/	18.95	/	/	<=33	Pass
		Edge 1RB Right	21.80	/	/	18.90	/	/	<=33	Pass
		Outer Full	22.21	/	/	19.31	/	/	<=33	Pass
		Inner Full	23.73	/	/	20.83	/	/	<=33	Pass
		Inner 1RB Left	23.41	/	/	20.51	/	/	<=33	Pass
CP-OFDM 16 QAM	2515	Inner 1RB Right	23.32	/	/	20.42	/	/	<=33	Pass
		Edge 1RB Left	22.09	/	/	19.19	/	/	<=33	Pass
		Edge 1RB Right	21.82	/	/	18.92	/	/	<=33	Pass
		Outer Full	22.02	/	/	19.12	/	/	<=33	Pass
		Inner Full	23.52	/	/	20.62	/	/	<=33	Pass
		Inner 1RB Left	23.64	/	/	20.74	/	/	<=33	Pass
	2535	Inner 1RB Right	23.27	/	/	20.37	/	/	<=33	Pass
		Edge 1RB Left	21.66	/	/	18.76	/	/	<=33	Pass
		Edge 1RB Right	22.17	/	/	19.27	/	/	<=33	Pass
		Outer Full	22.00	/	/	19.10	/	/	<=33	Pass
		Inner Full	23.53	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Left	23.23	/	/	20.33	/	/	<=33	Pass
	2555	Inner 1RB Right	23.67	/	/	20.77	/	/	<=33	Pass
		Edge 1RB Left	21.96	/	/	19.06	/	/	<=33	Pass
		Edge 1RB Right	21.83	/	/	18.93	/	/	<=33	Pass
		Outer Full	22.21	/	/	19.31	/	/	<=33	Pass
		Inner Full	23.75	/	/	20.85	/	/	<=33	Pass
		Inner 1RB Left	23.49	/	/	20.59	/	/	<=33	Pass
		Inner 1RB Right	23.36	/	/	20.46	/	/	<=33	Pass

CP-OFDM 64 QAM	2515	Edge 1RB Left	22.31	/	/	19.41	/	/	<=33	Pass
		Edge 1RB Right	22.02	/	/	19.12	/	/	<=33	Pass
		Outer Full	22.02	/	/	19.12	/	/	<=33	Pass
		Inner Full	22.98	/	/	20.08	/	/	<=33	Pass
		Inner 1RB Left	23.39	/	/	20.49	/	/	<=33	Pass
	2535	Inner 1RB Right	23.04	/	/	20.14	/	/	<=33	Pass
		Edge 1RB Left	21.82	/	/	18.92	/	/	<=33	Pass
		Edge 1RB Right	22.41	/	/	19.51	/	/	<=33	Pass
		Outer Full	22.01	/	/	19.11	/	/	<=33	Pass
		Inner Full	23.03	/	/	20.13	/	/	<=33	Pass
	2555	Inner 1RB Left	22.98	/	/	20.08	/	/	<=33	Pass
		Inner 1RB Right	23.47	/	/	20.57	/	/	<=33	Pass
		Edge 1RB Left	22.19	/	/	19.29	/	/	<=33	Pass
		Edge 1RB Right	22.13	/	/	19.23	/	/	<=33	Pass
		Outer Full	22.21	/	/	19.31	/	/	<=33	Pass
CP-OFDM 256 QAM	2515	Inner Full	23.20	/	/	20.30	/	/	<=33	Pass
		Inner 1RB Left	23.23	/	/	20.34	/	/	<=33	Pass
		Inner 1RB Right	23.17	/	/	20.27	/	/	<=33	Pass
	2535	Edge 1RB Left	21.58	/	/	18.68	/	/	<=33	Pass
		Edge 1RB Right	21.15	/	/	18.25	/	/	<=33	Pass
		Outer Full	21.52	/	/	18.62	/	/	<=33	Pass
		Inner Full	21.51	/	/	18.61	/	/	<=33	Pass
	2555	Inner 1RB Left	21.53	/	/	18.63	/	/	<=33	Pass
		Inner 1RB Right	21.17	/	/	18.27	/	/	<=33	Pass
		Edge 1RB Left	21.06	/	/	18.16	/	/	<=33	Pass
		Edge 1RB Right	21.52	/	/	18.62	/	/	<=33	Pass
		Outer Full	21.56	/	/	18.66	/	/	<=33	Pass
CP-OFDM 256 QAM	2535	Inner Full	21.54	/	/	18.64	/	/	<=33	Pass
		Inner 1RB Left	21.08	/	/	18.18	/	/	<=33	Pass
		Inner 1RB Right	21.53	/	/	18.63	/	/	<=33	Pass
	2555	Edge 1RB Left	21.25	/	/	18.36	/	/	<=33	Pass
		Edge 1RB Right	21.22	/	/	18.32	/	/	<=33	Pass
		Outer Full	21.73	/	/	18.83	/	/	<=33	Pass
		Inner Full	21.75	/	/	18.85	/	/	<=33	Pass
		Inner 1RB Left	21.36	/	/	18.46	/	/	<=33	Pass
		Inner 1RB Right	21.28	/	/	18.38	/	/	<=33	Pass

Note1: Antenna Gain: Ant5: -2.90dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.7 15_S_35M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 35MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2517.5	Edge 1RB Left	22.04	/	/	19.14	/	/	<=33	Pass
		Edge 1RB Right	21.87	/	/	18.97	/	/	<=33	Pass
		Outer Full	22.01	/	/	19.11	/	/	<=33	Pass
		Inner Full	23.46	/	/	20.56	/	/	<=33	Pass
		Inner 1RB Left	23.56	/	/	20.66	/	/	<=33	Pass
	2535	Inner 1RB Right	23.35	/	/	20.45	/	/	<=33	Pass
		Edge 1RB Left	21.72	/	/	18.82	/	/	<=33	Pass
		Edge 1RB Right	22.16	/	/	19.26	/	/	<=33	Pass
		Outer Full	22.03	/	/	19.13	/	/	<=33	Pass
		Inner Full	23.57	/	/	20.68	/	/	<=33	Pass
	2552.5	Inner 1RB Left	23.20	/	/	20.30	/	/	<=33	Pass
		Inner 1RB Right	23.67	/	/	20.77	/	/	<=33	Pass
		Edge 1RB Left	21.76	/	/	18.86	/	/	<=33	Pass
		Edge 1RB Right	21.86	/	/	18.96	/	/	<=33	Pass

		Outer Full	22.21	/	/	19.31	/	/	<=33	Pass
		Inner Full	23.77	/	/	20.87	/	/	<=33	Pass
		Inner 1RB Left	23.20	/	/	20.30	/	/	<=33	Pass
		Inner 1RB Right	23.37	/	/	20.47	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2517.5	Edge 1RB Left	21.92	/	/	19.02	/	/	<=33	Pass
		Edge 1RB Right	21.76	/	/	18.86	/	/	<=33	Pass
		Outer Full	21.98	/	/	19.08	/	/	<=33	Pass
		Inner Full	22.97	/	/	20.07	/	/	<=33	Pass
		Inner 1RB Left	22.93	/	/	20.03	/	/	<=33	Pass
		Inner 1RB Right	22.75	/	/	19.85	/	/	<=33	Pass
		Edge 1RB Left	21.59	/	/	18.69	/	/	<=33	Pass
	2535	Edge 1RB Right	21.98	/	/	19.08	/	/	<=33	Pass
		Outer Full	21.98	/	/	19.09	/	/	<=33	Pass
		Inner Full	23.02	/	/	20.12	/	/	<=33	Pass
		Inner 1RB Left	22.59	/	/	19.69	/	/	<=33	Pass
		Inner 1RB Right	23.08	/	/	20.18	/	/	<=33	Pass
	2552.5	Edge 1RB Left	21.61	/	/	18.71	/	/	<=33	Pass
		Edge 1RB Right	21.71	/	/	18.81	/	/	<=33	Pass
		Outer Full	22.18	/	/	19.29	/	/	<=33	Pass
		Inner Full	23.26	/	/	20.36	/	/	<=33	Pass
		Inner 1RB Left	22.67	/	/	19.77	/	/	<=33	Pass
		Inner 1RB Right	22.76	/	/	19.86	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2517.5	Edge 1RB Left	22.34	/	/	19.44	/	/	<=33	Pass
		Edge 1RB Right	22.16	/	/	19.26	/	/	<=33	Pass
		Outer Full	21.97	/	/	19.07	/	/	<=33	Pass
		Inner Full	22.97	/	/	20.07	/	/	<=33	Pass
		Inner 1RB Left	23.41	/	/	20.51	/	/	<=33	Pass
		Inner 1RB Right	23.07	/	/	20.17	/	/	<=33	Pass
	2535	Edge 1RB Left	22.00	/	/	19.10	/	/	<=33	Pass
		Edge 1RB Right	22.41	/	/	19.51	/	/	<=33	Pass
		Outer Full	21.96	/	/	19.06	/	/	<=33	Pass
		Inner Full	23.07	/	/	20.17	/	/	<=33	Pass
		Inner 1RB Left	23.04	/	/	20.14	/	/	<=33	Pass
		Inner 1RB Right	23.49	/	/	20.59	/	/	<=33	Pass
	2552.5	Edge 1RB Left	22.08	/	/	19.18	/	/	<=33	Pass
		Edge 1RB Right	21.51	/	/	18.61	/	/	<=33	Pass
		Outer Full	22.19	/	/	19.29	/	/	<=33	Pass
		Inner Full	23.02	/	/	20.12	/	/	<=33	Pass
		Inner 1RB Left	23.22	/	/	20.32	/	/	<=33	Pass
		Inner 1RB Right	23.28	/	/	20.38	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2517.5	Edge 1RB Left	21.41	/	/	18.51	/	/	<=33	Pass
		Edge 1RB Right	21.37	/	/	18.47	/	/	<=33	Pass
		Outer Full	21.49	/	/	18.59	/	/	<=33	Pass
		Inner Full	21.50	/	/	18.60	/	/	<=33	Pass
		Inner 1RB Left	21.45	/	/	18.55	/	/	<=33	Pass
		Inner 1RB Right	21.26	/	/	18.36	/	/	<=33	Pass
	2535	Edge 1RB Left	21.02	/	/	18.12	/	/	<=33	Pass
		Edge 1RB Right	21.54	/	/	18.64	/	/	<=33	Pass
		Outer Full	21.52	/	/	18.62	/	/	<=33	Pass
		Inner Full	21.55	/	/	18.65	/	/	<=33	Pass
		Inner 1RB Left	21.47	/	/	18.57	/	/	<=33	Pass
		Inner 1RB Right	21.55	/	/	18.65	/	/	<=33	Pass
	2552.5	Edge 1RB Left	21.14	/	/	18.24	/	/	<=33	Pass
		Edge 1RB Right	21.24	/	/	18.34	/	/	<=33	Pass
		Outer Full	21.68	/	/	18.78	/	/	<=33	Pass
		Inner Full	21.76	/	/	18.86	/	/	<=33	Pass
		Inner 1RB Left	21.20	/	/	18.30	/	/	<=33	Pass
		Inner 1RB Right	21.24	/	/	18.34	/	/	<=33	Pass
CP-OFDM QPSK	2517.5	Edge 1RB Left	21.95	/	/	19.05	/	/	<=33	Pass

		Edge 1RB Right	21.80	/	/	18.90	/	/	<=33	Pass
		Outer Full	21.99	/	/	19.09	/	/	<=33	Pass
		Inner Full	23.45	/	/	20.55	/	/	<=33	Pass
		Inner 1RB Left	23.51	/	/	20.61	/	/	<=33	Pass
	2535	Inner 1RB Right	23.33	/	/	20.43	/	/	<=33	Pass
		Edge 1RB Left	21.60	/	/	18.70	/	/	<=33	Pass
		Edge 1RB Right	22.11	/	/	19.21	/	/	<=33	Pass
		Outer Full	21.97	/	/	19.07	/	/	<=33	Pass
		Inner Full	23.55	/	/	20.65	/	/	<=33	Pass
		Inner 1RB Left	23.27	/	/	20.37	/	/	<=33	Pass
		Inner 1RB Right	23.64	/	/	20.74	/	/	<=33	Pass
	2552.5	Edge 1RB Left	21.76	/	/	18.86	/	/	<=33	Pass
		Edge 1RB Right	21.84	/	/	18.94	/	/	<=33	Pass
		Outer Full	22.17	/	/	19.27	/	/	<=33	Pass
		Inner Full	23.75	/	/	20.85	/	/	<=33	Pass
		Inner 1RB Left	23.26	/	/	20.36	/	/	<=33	Pass
		Inner 1RB Right	23.36	/	/	20.46	/	/	<=33	Pass
CP-OFDM 16 QAM	2517.5	Edge 1RB Left	22.05	/	/	19.15	/	/	<=33	Pass
		Edge 1RB Right	21.92	/	/	19.02	/	/	<=33	Pass
		Outer Full	21.98	/	/	19.08	/	/	<=33	Pass
		Inner Full	23.47	/	/	20.57	/	/	<=33	Pass
		Inner 1RB Left	23.55	/	/	20.65	/	/	<=33	Pass
		Inner 1RB Right	23.36	/	/	20.46	/	/	<=33	Pass
	2535	Edge 1RB Left	21.72	/	/	18.82	/	/	<=33	Pass
		Edge 1RB Right	22.19	/	/	19.29	/	/	<=33	Pass
		Outer Full	21.98	/	/	19.08	/	/	<=33	Pass
		Inner Full	23.58	/	/	20.68	/	/	<=33	Pass
		Inner 1RB Left	23.24	/	/	20.34	/	/	<=33	Pass
		Inner 1RB Right	23.66	/	/	20.76	/	/	<=33	Pass
	2552.5	Edge 1RB Left	21.76	/	/	18.86	/	/	<=33	Pass
		Edge 1RB Right	21.83	/	/	18.93	/	/	<=33	Pass
		Outer Full	22.17	/	/	19.27	/	/	<=33	Pass
		Inner Full	23.75	/	/	20.85	/	/	<=33	Pass
		Inner 1RB Left	23.31	/	/	20.41	/	/	<=33	Pass
		Inner 1RB Right	23.38	/	/	20.48	/	/	<=33	Pass
CP-OFDM 64 QAM	2517.5	Edge 1RB Left	22.27	/	/	19.37	/	/	<=33	Pass
		Edge 1RB Right	22.14	/	/	19.25	/	/	<=33	Pass
		Outer Full	21.98	/	/	19.08	/	/	<=33	Pass
		Inner Full	22.98	/	/	20.08	/	/	<=33	Pass
		Inner 1RB Left	23.31	/	/	20.41	/	/	<=33	Pass
		Inner 1RB Right	23.19	/	/	20.29	/	/	<=33	Pass
	2535	Edge 1RB Left	21.91	/	/	19.01	/	/	<=33	Pass
		Edge 1RB Right	22.35	/	/	19.45	/	/	<=33	Pass
		Outer Full	22.00	/	/	19.10	/	/	<=33	Pass
		Inner Full	23.10	/	/	20.20	/	/	<=33	Pass
		Inner 1RB Left	22.97	/	/	20.07	/	/	<=33	Pass
		Inner 1RB Right	23.41	/	/	20.51	/	/	<=33	Pass
	2552.5	Edge 1RB Left	22.04	/	/	19.14	/	/	<=33	Pass
		Edge 1RB Right	22.08	/	/	19.18	/	/	<=33	Pass
		Outer Full	22.16	/	/	19.26	/	/	<=33	Pass
		Inner Full	23.28	/	/	20.38	/	/	<=33	Pass
		Inner 1RB Left	23.11	/	/	20.21	/	/	<=33	Pass
		Inner 1RB Right	23.20	/	/	20.30	/	/	<=33	Pass
CP-OFDM 256 QAM	2517.5	Edge 1RB Left	21.42	/	/	18.52	/	/	<=33	Pass
		Edge 1RB Right	21.20	/	/	18.31	/	/	<=33	Pass
		Outer Full	21.47	/	/	18.57	/	/	<=33	Pass
		Inner Full	21.47	/	/	18.57	/	/	<=33	Pass
		Inner 1RB Left	21.48	/	/	18.58	/	/	<=33	Pass
		Inner 1RB Right	21.39	/	/	18.49	/	/	<=33	Pass

	2535	Edge 1RB Left	21.04	/	/	18.14	/	/	<=33	Pass
		Edge 1RB Right	21.53	/	/	18.63	/	/	<=33	Pass
		Outer_Full	21.47	/	/	18.57	/	/	<=33	Pass
		Inner_Full	21.58	/	/	18.68	/	/	<=33	Pass
		Inner 1RB Left	21.10	/	/	18.20	/	/	<=33	Pass
		Inner 1RB Right	21.55	/	/	18.65	/	/	<=33	Pass
	2552.5	Edge 1RB Left	21.13	/	/	18.23	/	/	<=33	Pass
		Edge 1RB Right	21.27	/	/	18.38	/	/	<=33	Pass
		Outer_Full	21.67	/	/	18.77	/	/	<=33	Pass
		Inner_Full	21.72	/	/	18.82	/	/	<=33	Pass
		Inner 1RB Left	21.18	/	/	18.28	/	/	<=33	Pass
		Inner 1RB Right	21.29	/	/	18.39	/	/	<=33	Pass
Note1: Antenna Gain: Ant5: -2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 15_S_40M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2520	Edge 1RB Left	22.18	/	/	19.28	/	/	<=33	Pass
		Edge 1RB Right	22.03	/	/	19.13	/	/	<=33	Pass
		Outer Full	22.05	/	/	19.15	/	/	<=33	Pass
		Inner Full	23.44	/	/	20.54	/	/	<=33	Pass
		Inner 1RB Left	23.64	/	/	20.74	/	/	<=33	Pass
		Inner 1RB Right	23.55	/	/	20.66	/	/	<=33	Pass
	2535	Edge 1RB Left	21.87	/	/	18.97	/	/	<=33	Pass
		Edge 1RB Right	22.25	/	/	19.35	/	/	<=33	Pass
		Outer Full	21.97	/	/	19.07	/	/	<=33	Pass
		Inner Full	23.54	/	/	20.64	/	/	<=33	Pass
		Inner 1RB Left	23.40	/	/	20.50	/	/	<=33	Pass
		Inner 1RB Right	23.62	/	/	20.73	/	/	<=33	Pass
	2550	Edge 1RB Left	21.81	/	/	18.91	/	/	<=33	Pass
		Edge 1RB Right	22.00	/	/	19.10	/	/	<=33	Pass
		Outer Full	22.17	/	/	19.27	/	/	<=33	Pass
		Inner Full	23.72	/	/	20.82	/	/	<=33	Pass
		Inner 1RB Left	23.30	/	/	20.40	/	/	<=33	Pass
		Inner 1RB Right	23.51	/	/	20.61	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2520	Edge 1RB Left	21.97	/	/	19.07	/	/	<=33	Pass
		Edge 1RB Right	21.92	/	/	19.02	/	/	<=33	Pass
		Outer Full	21.98	/	/	19.08	/	/	<=33	Pass
		Inner Full	22.91	/	/	20.01	/	/	<=33	Pass
		Inner 1RB Left	23.06	/	/	20.16	/	/	<=33	Pass
		Inner 1RB Right	22.98	/	/	20.09	/	/	<=33	Pass
	2535	Edge 1RB Left	21.75	/	/	18.85	/	/	<=33	Pass
		Edge 1RB Right	22.00	/	/	19.10	/	/	<=33	Pass
		Outer Full	21.98	/	/	19.08	/	/	<=33	Pass
		Inner Full	23.03	/	/	20.13	/	/	<=33	Pass
		Inner 1RB Left	22.76	/	/	19.86	/	/	<=33	Pass
		Inner 1RB Right	23.14	/	/	20.24	/	/	<=33	Pass
	2550	Edge 1RB Left	21.89	/	/	18.99	/	/	<=33	Pass
		Edge 1RB Right	21.82	/	/	18.92	/	/	<=33	Pass
		Outer Full	22.20	/	/	19.30	/	/	<=33	Pass
		Inner Full	23.28	/	/	20.38	/	/	<=33	Pass
		Inner 1RB Left	22.70	/	/	19.81	/	/	<=33	Pass
		Inner 1RB Right	22.85	/	/	19.95	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2520	Edge 1RB Left	22.42	/	/	19.52	/	/	<=33	Pass
		Edge 1RB Right	22.33	/	/	19.43	/	/	<=33	Pass

		Outer Full	21.97	/	/	19.07	/	/	<=33	Pass
		Inner Full	22.97	/	/	20.07	/	/	<=33	Pass
		Inner 1RB Left	23.53	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Right	23.50	/	/	20.60	/	/	<=33	Pass
		Edge 1RB Left	22.16	/	/	19.26	/	/	<=33	Pass
		Edge 1RB Right	22.23	/	/	19.33	/	/	<=33	Pass
		Outer Full	21.95	/	/	19.05	/	/	<=33	Pass
		Inner Full	23.05	/	/	20.16	/	/	<=33	Pass
	2535	Inner 1RB Left	23.19	/	/	20.29	/	/	<=33	Pass
		Inner 1RB Right	23.56	/	/	20.66	/	/	<=33	Pass
	2550	Edge 1RB Left	22.16	/	/	19.26	/	/	<=33	Pass
		Edge 1RB Right	22.28	/	/	19.38	/	/	<=33	Pass
		Outer Full	22.14	/	/	19.24	/	/	<=33	Pass
		Inner Full	23.27	/	/	20.37	/	/	<=33	Pass
		Inner 1RB Left	23.26	/	/	20.36	/	/	<=33	Pass
		Inner 1RB Right	23.39	/	/	20.49	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2520	Edge 1RB Left	21.57	/	/	18.67	/	/	<=33	Pass
		Edge 1RB Right	21.39	/	/	18.49	/	/	<=33	Pass
		Outer Full	21.52	/	/	18.62	/	/	<=33	Pass
		Inner Full	21.42	/	/	18.52	/	/	<=33	Pass
		Inner 1RB Left	21.56	/	/	18.66	/	/	<=33	Pass
		Inner 1RB Right	21.47	/	/	18.57	/	/	<=33	Pass
	2535	Edge 1RB Left	21.24	/	/	18.34	/	/	<=33	Pass
		Edge 1RB Right	21.59	/	/	18.69	/	/	<=33	Pass
		Outer Full	21.47	/	/	18.57	/	/	<=33	Pass
		Inner Full	21.55	/	/	18.66	/	/	<=33	Pass
		Inner 1RB Left	21.31	/	/	18.41	/	/	<=33	Pass
		Inner 1RB Right	21.60	/	/	18.70	/	/	<=33	Pass
	2550	Edge 1RB Left	21.19	/	/	18.29	/	/	<=33	Pass
		Edge 1RB Right	21.29	/	/	18.39	/	/	<=33	Pass
		Outer Full	21.64	/	/	18.74	/	/	<=33	Pass
		Inner Full	21.77	/	/	18.87	/	/	<=33	Pass
		Inner 1RB Left	21.21	/	/	18.31	/	/	<=33	Pass
		Inner 1RB Right	21.37	/	/	18.47	/	/	<=33	Pass
CP-OFDM QPSK	2520	Edge 1RB Left	22.10	/	/	19.20	/	/	<=33	Pass
		Edge 1RB Right	22.03	/	/	19.13	/	/	<=33	Pass
		Outer Full	22.01	/	/	19.11	/	/	<=33	Pass
		Inner Full	23.46	/	/	20.56	/	/	<=33	Pass
		Inner 1RB Left	23.61	/	/	20.71	/	/	<=33	Pass
		Inner 1RB Right	23.51	/	/	20.61	/	/	<=33	Pass
	2535	Edge 1RB Left	21.82	/	/	18.92	/	/	<=33	Pass
		Edge 1RB Right	22.16	/	/	19.26	/	/	<=33	Pass
		Outer Full	21.97	/	/	19.07	/	/	<=33	Pass
		Inner Full	23.53	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Left	23.34	/	/	20.44	/	/	<=33	Pass
		Inner 1RB Right	23.68	/	/	20.78	/	/	<=33	Pass
	2550	Edge 1RB Left	21.74	/	/	18.84	/	/	<=33	Pass
		Edge 1RB Right	21.90	/	/	19.00	/	/	<=33	Pass
		Outer Full	22.18	/	/	19.28	/	/	<=33	Pass
		Inner Full	23.74	/	/	20.84	/	/	<=33	Pass
		Inner 1RB Left	23.30	/	/	20.40	/	/	<=33	Pass
		Inner 1RB Right	23.44	/	/	20.54	/	/	<=33	Pass
CP-OFDM 16 QAM	2520	Edge 1RB Left	22.08	/	/	19.18	/	/	<=33	Pass
		Edge 1RB Right	22.08	/	/	19.18	/	/	<=33	Pass
		Outer Full	22.02	/	/	19.12	/	/	<=33	Pass
		Inner Full	23.45	/	/	20.55	/	/	<=33	Pass
		Inner 1RB Left	23.70	/	/	20.80	/	/	<=33	Pass
		Inner 1RB Right	23.59	/	/	20.70	/	/	<=33	Pass
	2535	Edge 1RB Left	21.88	/	/	18.98	/	/	<=33	Pass

		Edge 1RB Right	22.17	/	/	19.27	/	/	<=33	Pass
		Outer Full	21.93	/	/	19.03	/	/	<=33	Pass
		Inner Full	23.57	/	/	20.67	/	/	<=33	Pass
		Inner 1RB Left	23.37	/	/	20.47	/	/	<=33	Pass
		Inner 1RB Right	23.76	/	/	20.86	/	/	<=33	Pass
		Edge 1RB Left	21.79	/	/	18.89	/	/	<=33	Pass
		Edge 1RB Right	21.97	/	/	19.07	/	/	<=33	Pass
		Outer Full	22.18	/	/	19.28	/	/	<=33	Pass
		Inner Full	23.75	/	/	20.85	/	/	<=33	Pass
		Inner 1RB Left	23.39	/	/	20.49	/	/	<=33	Pass
		Inner 1RB Right	23.47	/	/	20.57	/	/	<=33	Pass
		CP-OFDM 64 QAM	2520	Edge 1RB Left	22.37	/	/	19.47	/	/
Edge 1RB Right	22.31			/	/	19.41	/	/	<=33	Pass
Outer Full	21.94			/	/	19.04	/	/	<=33	Pass
Inner Full	22.95			/	/	20.05	/	/	<=33	Pass
Inner 1RB Left	23.46			/	/	20.56	/	/	<=33	Pass
Inner 1RB Right	23.23			/	/	20.33	/	/	<=33	Pass
2535	Edge 1RB Left		22.07	/	/	19.17	/	/	<=33	Pass
	Edge 1RB Right		22.45	/	/	19.55	/	/	<=33	Pass
	Outer Full		21.93	/	/	19.03	/	/	<=33	Pass
	Inner Full		23.07	/	/	20.18	/	/	<=33	Pass
	Inner 1RB Left		23.15	/	/	20.25	/	/	<=33	Pass
	Inner 1RB Right		23.52	/	/	20.62	/	/	<=33	Pass
2550	Edge 1RB Left		22.03	/	/	19.13	/	/	<=33	Pass
	Edge 1RB Right		22.21	/	/	19.31	/	/	<=33	Pass
	Outer Full		22.16	/	/	19.26	/	/	<=33	Pass
	Inner Full		23.23	/	/	20.33	/	/	<=33	Pass
	Inner 1RB Left		22.91	/	/	20.01	/	/	<=33	Pass
	Inner 1RB Right		23.30	/	/	20.40	/	/	<=33	Pass
CP-OFDM 256 QAM	2520	Edge 1RB Left	21.52	/	/	18.62	/	/	<=33	Pass
		Edge 1RB Right	21.44	/	/	18.54	/	/	<=33	Pass
		Outer Full	21.49	/	/	18.59	/	/	<=33	Pass
		Inner Full	21.41	/	/	18.51	/	/	<=33	Pass
		Inner 1RB Left	21.54	/	/	18.64	/	/	<=33	Pass
		Inner 1RB Right	21.46	/	/	18.56	/	/	<=33	Pass
	2535	Edge 1RB Left	21.23	/	/	18.33	/	/	<=33	Pass
		Edge 1RB Right	21.57	/	/	18.67	/	/	<=33	Pass
		Outer Full	21.43	/	/	18.54	/	/	<=33	Pass
		Inner Full	21.52	/	/	18.62	/	/	<=33	Pass
		Inner 1RB Left	21.25	/	/	18.35	/	/	<=33	Pass
		Inner 1RB Right	21.62	/	/	18.72	/	/	<=33	Pass
	2550	Edge 1RB Left	21.19	/	/	18.29	/	/	<=33	Pass
		Edge 1RB Right	21.33	/	/	18.43	/	/	<=33	Pass
		Outer Full	21.64	/	/	18.74	/	/	<=33	Pass
Inner Full		21.73	/	/	18.83	/	/	<=33	Pass	
Inner 1RB Left		21.20	/	/	18.30	/	/	<=33	Pass	
Inner 1RB Right	21.35	/	/	18.45	/	/	<=33	Pass		
Note1: Antenna Gain: Ant5: -2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 15_S_50M_NTNV_EIRP

5G NR n7 SCS=15kHz SISO 50MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant5	Ant2	Sum	Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2525	Edge 1RB Left	22.00	/	/	19.10	/	/	<=33	Pass
		Edge 1RB Right	22.04	/	/	19.14	/	/	<=33	Pass
		Outer Full	21.90	/	/	19.00	/	/	<=33	Pass

		Inner_Full	23.38	/	/	20.48	/	/	<=33	Pass
		Inner_1RB_Left	23.51	/	/	20.61	/	/	<=33	Pass
		Inner_1RB_Right	23.52	/	/	20.62	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.77	/	/	18.87	/	/	<=33	Pass
		Edge_1RB_Right	22.07	/	/	19.17	/	/	<=33	Pass
		Outer_Full	21.92	/	/	19.02	/	/	<=33	Pass
		Inner_Full	23.52	/	/	20.62	/	/	<=33	Pass
		Inner_1RB_Left	23.33	/	/	20.43	/	/	<=33	Pass
		Inner_1RB_Right	23.47	/	/	20.57	/	/	<=33	Pass
	2545	Edge_1RB_Left	21.62	/	/	18.72	/	/	<=33	Pass
		Edge_1RB_Right	21.89	/	/	18.99	/	/	<=33	Pass
		Outer_Full	22.02	/	/	19.12	/	/	<=33	Pass
		Inner_Full	23.69	/	/	20.79	/	/	<=33	Pass
		Inner_1RB_Left	23.07	/	/	20.17	/	/	<=33	Pass
		Inner_1RB_Right	23.31	/	/	20.41	/	/	<=33	Pass
DFT-s-OFDM 16 QAM	2525	Edge_1RB_Left	21.85	/	/	18.95	/	/	<=33	Pass
		Edge_1RB_Right	21.90	/	/	19.00	/	/	<=33	Pass
		Outer_Full	21.87	/	/	18.97	/	/	<=33	Pass
		Inner_Full	22.96	/	/	20.06	/	/	<=33	Pass
		Inner_1RB_Left	22.91	/	/	20.01	/	/	<=33	Pass
		Inner_1RB_Right	22.92	/	/	20.02	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.77	/	/	18.87	/	/	<=33	Pass
		Edge_1RB_Right	21.88	/	/	18.98	/	/	<=33	Pass
		Outer_Full	21.92	/	/	19.02	/	/	<=33	Pass
		Inner_Full	23.01	/	/	20.11	/	/	<=33	Pass
		Inner_1RB_Left	22.67	/	/	19.77	/	/	<=33	Pass
		Inner_1RB_Right	22.85	/	/	19.95	/	/	<=33	Pass
	2545	Edge_1RB_Left	21.41	/	/	18.52	/	/	<=33	Pass
		Edge_1RB_Right	21.72	/	/	18.82	/	/	<=33	Pass
		Outer_Full	22.12	/	/	19.22	/	/	<=33	Pass
		Inner_Full	23.19	/	/	20.29	/	/	<=33	Pass
		Inner_1RB_Left	22.49	/	/	19.59	/	/	<=33	Pass
		Inner_1RB_Right	22.66	/	/	19.76	/	/	<=33	Pass
DFT-s-OFDM 64 QAM	2525	Edge_1RB_Left	22.33	/	/	19.43	/	/	<=33	Pass
		Edge_1RB_Right	22.33	/	/	19.43	/	/	<=33	Pass
		Outer_Full	21.91	/	/	19.02	/	/	<=33	Pass
		Inner_Full	22.93	/	/	20.03	/	/	<=33	Pass
		Inner_1RB_Left	23.39	/	/	20.49	/	/	<=33	Pass
		Inner_1RB_Right	23.15	/	/	20.25	/	/	<=33	Pass
	2535	Edge_1RB_Left	22.10	/	/	19.20	/	/	<=33	Pass
		Edge_1RB_Right	22.26	/	/	19.36	/	/	<=33	Pass
		Outer_Full	21.94	/	/	19.04	/	/	<=33	Pass
		Inner_Full	23.05	/	/	20.15	/	/	<=33	Pass
		Inner_1RB_Left	23.12	/	/	20.22	/	/	<=33	Pass
		Inner_1RB_Right	23.25	/	/	20.35	/	/	<=33	Pass
	2545	Edge_1RB_Left	21.80	/	/	18.90	/	/	<=33	Pass
		Edge_1RB_Right	22.10	/	/	19.20	/	/	<=33	Pass
		Outer_Full	22.06	/	/	19.16	/	/	<=33	Pass
		Inner_Full	23.21	/	/	20.31	/	/	<=33	Pass
		Inner_1RB_Left	22.81	/	/	19.91	/	/	<=33	Pass
		Inner_1RB_Right	23.20	/	/	20.30	/	/	<=33	Pass
DFT-s-OFDM 256 QAM	2525	Edge_1RB_Left	21.36	/	/	18.46	/	/	<=33	Pass
		Edge_1RB_Right	21.43	/	/	18.53	/	/	<=33	Pass
		Outer_Full	21.34	/	/	18.45	/	/	<=33	Pass
		Inner_Full	21.49	/	/	18.59	/	/	<=33	Pass
		Inner_1RB_Left	21.44	/	/	18.54	/	/	<=33	Pass
		Inner_1RB_Right	21.40	/	/	18.50	/	/	<=33	Pass
	2535	Edge_1RB_Left	21.16	/	/	18.26	/	/	<=33	Pass
		Edge_1RB_Right	21.39	/	/	18.49	/	/	<=33	Pass

		Outer Full	21.35	/	/	18.45	/	/	<=33	Pass
		Inner Full	21.57	/	/	18.67	/	/	<=33	Pass
		Inner 1RB Left	21.21	/	/	18.31	/	/	<=33	Pass
		Inner 1RB Right	21.35	/	/	18.45	/	/	<=33	Pass
	2545	Edge 1RB Left	20.91	/	/	18.01	/	/	<=33	Pass
		Edge 1RB Right	21.19	/	/	18.29	/	/	<=33	Pass
		Outer Full	21.55	/	/	18.65	/	/	<=33	Pass
		Inner Full	21.71	/	/	18.81	/	/	<=33	Pass
CP-OFDM QPSK	2525	Inner 1RB Left	20.99	/	/	18.09	/	/	<=33	Pass
		Inner 1RB Right	21.15	/	/	18.25	/	/	<=33	Pass
		Edge 1RB Left	21.92	/	/	19.02	/	/	<=33	Pass
		Edge 1RB Right	23.61	/	/	20.71	/	/	<=33	Pass
		Outer Full	21.92	/	/	19.02	/	/	<=33	Pass
		Inner Full	23.39	/	/	20.49	/	/	<=33	Pass
	2535	Inner 1RB Left	23.42	/	/	20.52	/	/	<=33	Pass
		Inner 1RB Right	23.57	/	/	20.67	/	/	<=33	Pass
		Edge 1RB Left	21.80	/	/	18.90	/	/	<=33	Pass
		Edge 1RB Right	23.82	/	/	20.92	/	/	<=33	Pass
		Outer Full	21.91	/	/	19.01	/	/	<=33	Pass
		Inner Full	23.46	/	/	20.56	/	/	<=33	Pass
	2545	Inner 1RB Left	23.38	/	/	20.48	/	/	<=33	Pass
		Inner 1RB Right	23.71	/	/	20.81	/	/	<=33	Pass
		Edge 1RB Left	21.49	/	/	18.59	/	/	<=33	Pass
		Edge 1RB Right	23.52	/	/	20.62	/	/	<=33	Pass
		Outer Full	22.06	/	/	19.16	/	/	<=33	Pass
		Inner Full	23.67	/	/	20.77	/	/	<=33	Pass
CP-OFDM 16 QAM	2525	Inner 1RB Left	23.08	/	/	20.18	/	/	<=33	Pass
		Inner 1RB Right	23.47	/	/	20.57	/	/	<=33	Pass
		Edge 1RB Left	22.00	/	/	19.10	/	/	<=33	Pass
		Edge 1RB Right	23.65	/	/	20.75	/	/	<=33	Pass
		Outer Full	21.88	/	/	18.98	/	/	<=33	Pass
		Inner Full	23.40	/	/	20.50	/	/	<=33	Pass
	2535	Inner 1RB Left	23.53	/	/	20.63	/	/	<=33	Pass
		Inner 1RB Right	23.65	/	/	20.75	/	/	<=33	Pass
		Edge 1RB Left	21.75	/	/	18.85	/	/	<=33	Pass
		Edge 1RB Right	23.69	/	/	20.79	/	/	<=33	Pass
		Outer Full	21.89	/	/	18.99	/	/	<=33	Pass
		Inner Full	23.48	/	/	20.58	/	/	<=33	Pass
	2545	Inner 1RB Left	23.28	/	/	20.38	/	/	<=33	Pass
		Inner 1RB Right	23.68	/	/	20.78	/	/	<=33	Pass
		Edge 1RB Left	21.57	/	/	18.67	/	/	<=33	Pass
		Edge 1RB Right	23.54	/	/	20.64	/	/	<=33	Pass
		Outer Full	22.06	/	/	19.16	/	/	<=33	Pass
		Inner Full	23.66	/	/	20.76	/	/	<=33	Pass
CP-OFDM 64 QAM	2525	Inner 1RB Left	23.08	/	/	20.18	/	/	<=33	Pass
		Inner 1RB Right	23.55	/	/	20.65	/	/	<=33	Pass
		Edge 1RB Left	22.20	/	/	19.30	/	/	<=33	Pass
		Edge 1RB Right	23.46	/	/	20.56	/	/	<=33	Pass
		Outer Full	21.89	/	/	18.99	/	/	<=33	Pass
		Inner Full	22.89	/	/	19.99	/	/	<=33	Pass
	2535	Inner 1RB Left	23.28	/	/	20.38	/	/	<=33	Pass
		Inner 1RB Right	23.34	/	/	20.44	/	/	<=33	Pass
		Edge 1RB Left	21.83	/	/	18.93	/	/	<=33	Pass
		Edge 1RB Right	23.25	/	/	20.35	/	/	<=33	Pass
		Outer Full	21.90	/	/	19.00	/	/	<=33	Pass
		Inner Full	23.01	/	/	20.11	/	/	<=33	Pass
	2545	Inner 1RB Left	23.05	/	/	20.16	/	/	<=33	Pass
		Inner 1RB Right	23.44	/	/	20.54	/	/	<=33	Pass
	2545	Edge 1RB Left	21.76	/	/	18.86	/	/	<=33	Pass

		Edge_1RB_Right	23.31	/	/	20.41	/	/	<=33	Pass	
		Outer_Full	22.08	/	/	19.18	/	/	<=33	Pass	
		Inner_Full	23.19	/	/	20.29	/	/	<=33	Pass	
		Inner_1RB_Left	22.88	/	/	19.98	/	/	<=33	Pass	
		Inner_1RB_Right	23.29	/	/	20.39	/	/	<=33	Pass	
CP-OFDM 256 QAM	2525	Edge_1RB_Left	21.31	/	/	18.41	/	/	<=33	Pass	
		Edge_1RB_Right	21.56	/	/	18.66	/	/	<=33	Pass	
		Outer_Full	21.27	/	/	18.37	/	/	<=33	Pass	
		Inner_Full	21.44	/	/	18.54	/	/	<=33	Pass	
		Inner_1RB_Left	21.43	/	/	18.53	/	/	<=33	Pass	
		Inner_1RB_Right	21.54	/	/	18.64	/	/	<=33	Pass	
	2535	Edge_1RB_Left	21.19	/	/	18.29	/	/	<=33	Pass	
		Edge_1RB_Right	21.60	/	/	18.70	/	/	<=33	Pass	
		Outer_Full	21.36	/	/	18.46	/	/	<=33	Pass	
		Inner_Full	21.51	/	/	18.61	/	/	<=33	Pass	
		Inner_1RB_Left	21.18	/	/	18.28	/	/	<=33	Pass	
		Inner_1RB_Right	21.54	/	/	18.64	/	/	<=33	Pass	
	2545	Edge_1RB_Left	20.90	/	/	18.00	/	/	<=33	Pass	
		Edge_1RB_Right	21.44	/	/	18.54	/	/	<=33	Pass	
		Outer_Full	21.54	/	/	18.64	/	/	<=33	Pass	
		Inner_Full	21.70	/	/	18.80	/	/	<=33	Pass	
		Inner_1RB_Left	20.96	/	/	18.06	/	/	<=33	Pass	
			Inner_1RB_Right	21.41	/	/	18.51	/	/	<=33	Pass
	Note1: Antenna Gain: Ant5: -2.90dBi; Note2: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 15_S_50M

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	3.21	0.0013	>=-2.5 & <=2.5	Pass
				HV	-3.74	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	1.23	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-1.34	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-1.10	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-0.38	-0.0001	>=-2.5 & <=2.5	Pass
			10	NV	-0.56	-0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-0.12	0.0000	>=-2.5 & <=2.5	Pass
			30	NV	-0.71	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	0.70	0.0003	>=-2.5 & <=2.5	Pass
			50	NV	-1.18	-0.0005	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15_S_5M_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 QPSK	2535	Outer_Full	4.52	4.99	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	4.52	4.95	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	4.50	4.94	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	4.53	4.96	/	Pass
CP-OFDM QPSK	2535	Outer_Full	4.50	4.95	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	4.50	4.98	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	4.50	5.00	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	4.53	4.96	/	Pass

3.1.2 15_S_10M_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 QPSK	2535	Outer_Full	9.01	9.71	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	8.99	9.70	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	8.99	9.72	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	9.00	9.72	/	Pass
CP-OFDM QPSK	2535	Outer_Full	9.35	10.06	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	9.34	10.06	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	9.38	10.10	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	9.34	10.07	/	Pass

3.1.3 15_S_15M_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 QPSK	2535	Outer_Full	13.49	14.53	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	13.51	14.55	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	13.52	14.54	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	13.51	14.57	/	Pass
CP-OFDM QPSK	2535	Outer_Full	14.21	15.28	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	14.24	15.29	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	14.20	15.26	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	14.22	15.25	/	Pass

3.1.4 15_S_20M_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 QPSK	2535	Outer_Full	18.01	19.36	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	18.04	19.37	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	17.98	19.34	/	Pass

DFT-s-OFDM 256 QAM	2535	Outer_Full	17.96	19.34	/	Pass
CP-OFDM QPSK	2535	Outer_Full	19.00	20.40	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	19.04	20.41	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	19.06	20.43	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	19.07	20.44	/	Pass

3.1.5 15_S_25M_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 QPSK	2535	Outer_Full	23.02	24.71	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	22.98	24.65	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	23.00	24.63	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	23.04	24.64	/	Pass
CP-OFDM QPSK	2535	Outer_Full	23.84	25.56	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	23.88	25.59	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	23.92	25.62	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	23.89	25.55	/	Pass

3.1.6 15_S_30M_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 QPSK	2535	Outer_Full	28.65	30.71	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	28.74	30.77	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	28.72	30.79	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	28.65	30.77	/	Pass
CP-OFDM QPSK	2535	Outer_Full	28.70	30.71	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	28.73	30.76	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	28.71	30.78	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	28.68	30.75	/	Pass

3.1.7 15_S_35M_NTNV

5G NR n7 SCS=15kHz SISO 35MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2535	Outer_Full	32.32	34.76	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	32.25	34.72	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	32.28	34.73	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	32.46	34.76	/	Pass
CP-OFDM QPSK	2535	Outer_Full	33.79	36.21	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	33.71	36.10	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	33.80	36.17	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	33.66	36.15	/	Pass

3.1.8 15_S_40M_NTNV

5G NR n7 SCS=15kHz SISO 40MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

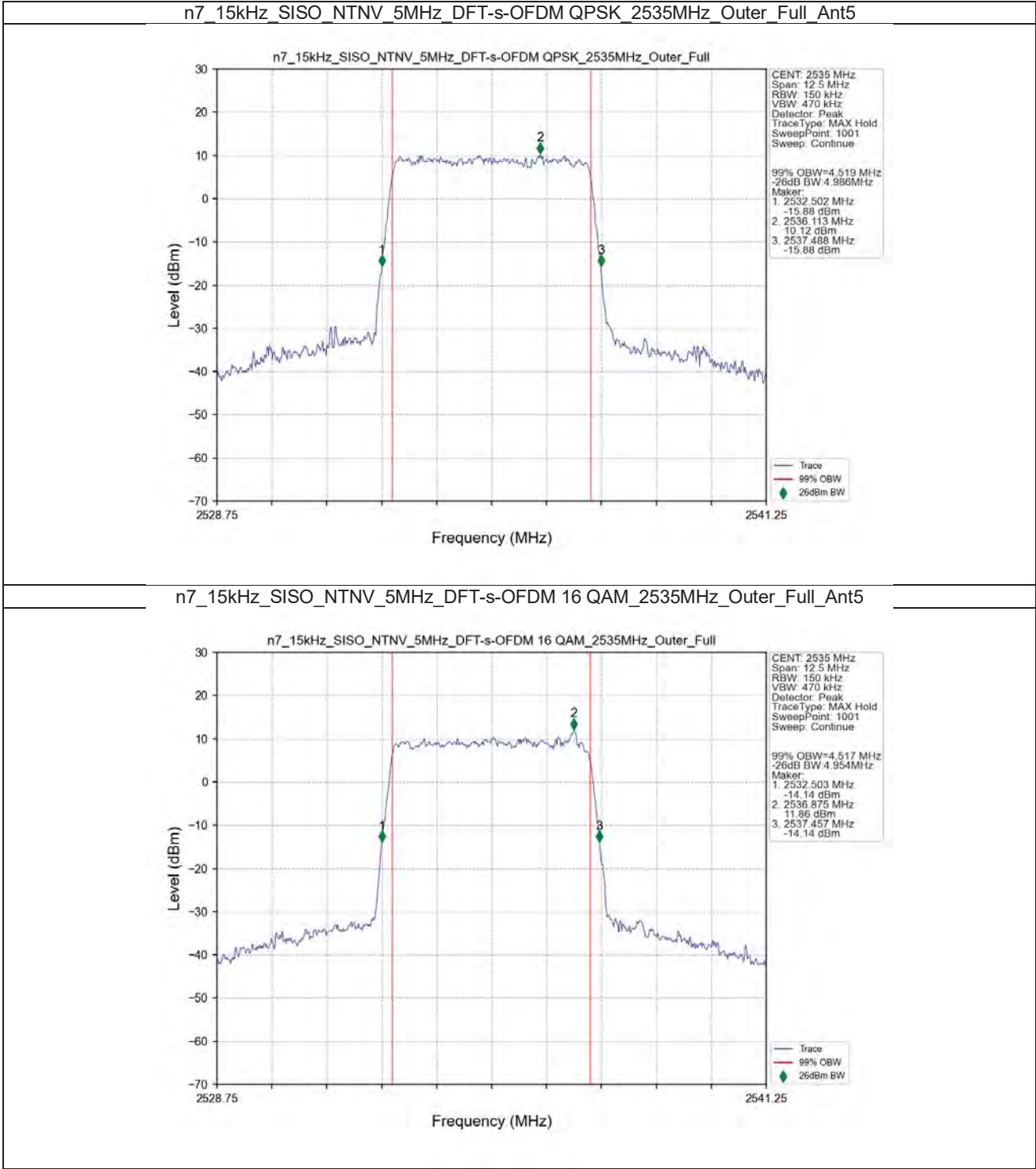
	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM QPSK	2535	Outer_Full	38.82	41.40	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	38.73	41.46	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	38.63	41.35	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	38.75	41.46	/	Pass
CP-OFDM QPSK	2535	Outer_Full	38.78	41.41	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	38.82	41.40	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	38.67	41.42	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	38.75	41.48	/	Pass

3.1.9 15_S_50M_NTNV

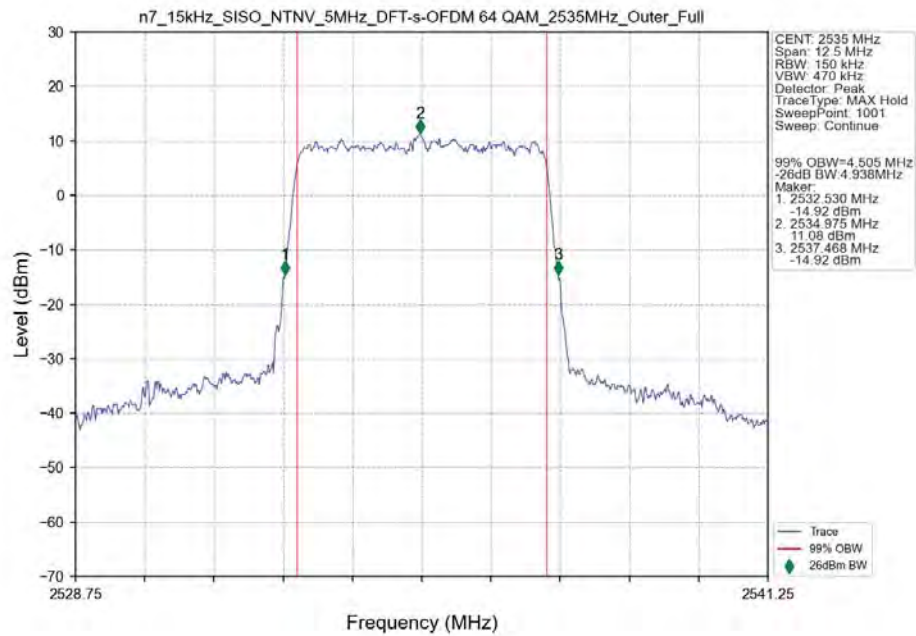
5G NR n7 SCS=15kHz SISO 50MHz NTNv						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM QPSK	2535	Outer_Full	48.41	51.79	/	Pass
DFT-s-OFDM 16 QAM	2535	Outer_Full	48.34	51.84	/	Pass
DFT-s-OFDM 64 QAM	2535	Outer_Full	48.42	51.92	/	Pass
DFT-s-OFDM 256 QAM	2535	Outer_Full	48.48	51.75	/	Pass
CP-OFDM QPSK	2535	Outer_Full	43.45	46.69	/	Pass
CP-OFDM 16 QAM	2535	Outer_Full	43.54	46.74	/	Pass
CP-OFDM 64 QAM	2535	Outer_Full	43.39	46.80	/	Pass
CP-OFDM 256 QAM	2535	Outer_Full	43.48	46.81	/	Pass

3.2 Test Graph

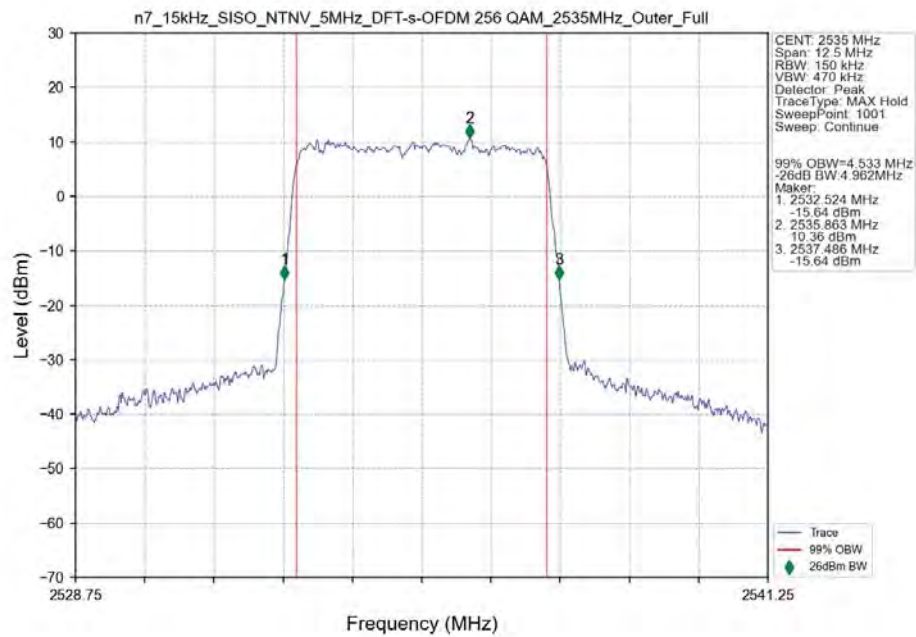
3.2.1 15_S_5M_NTNV



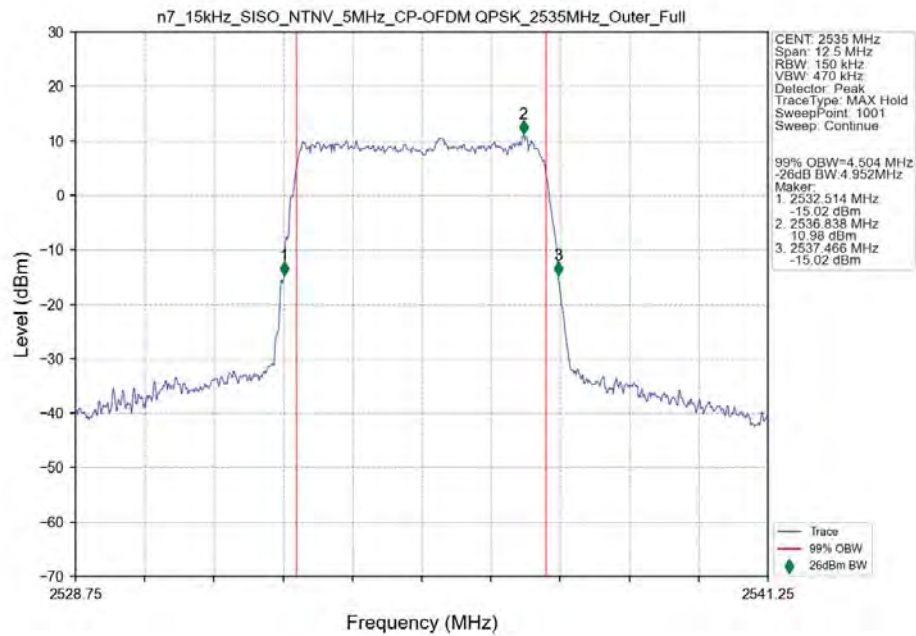
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 64 QAM 2535MHz_Outer_Full_Ant5



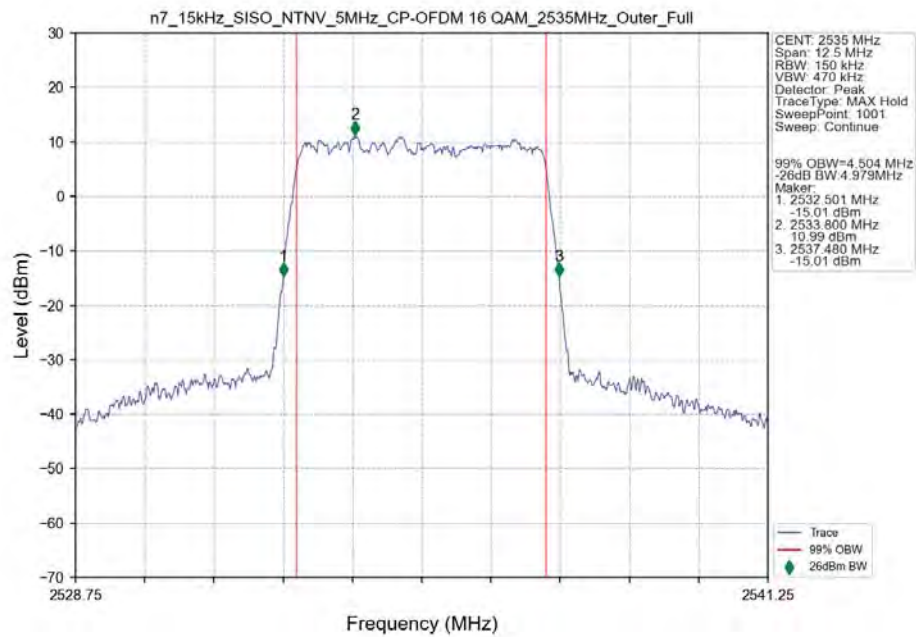
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM 256 QAM 2535MHz_Outer_Full_Ant5



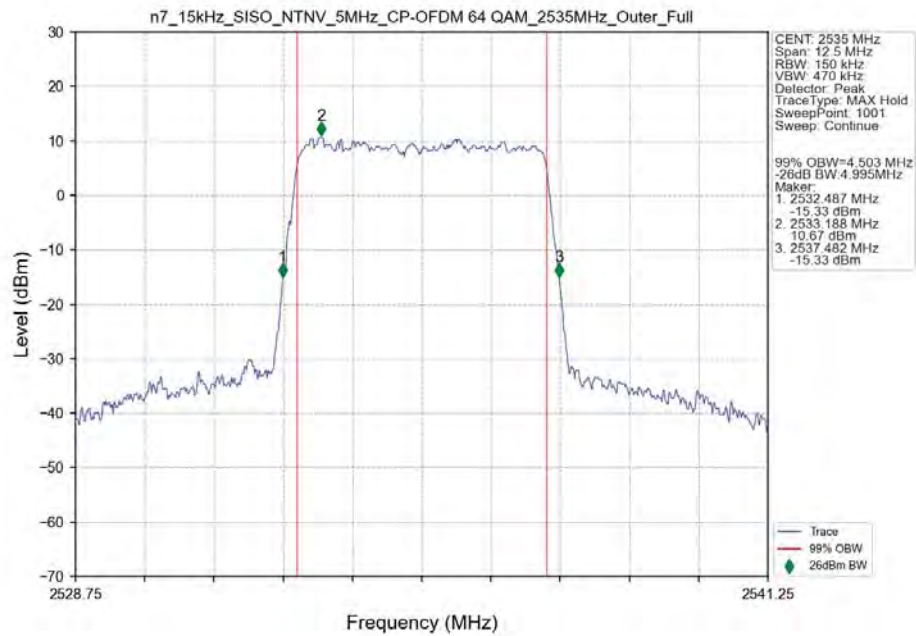
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK 2535MHz_Outer_Full_Ant5



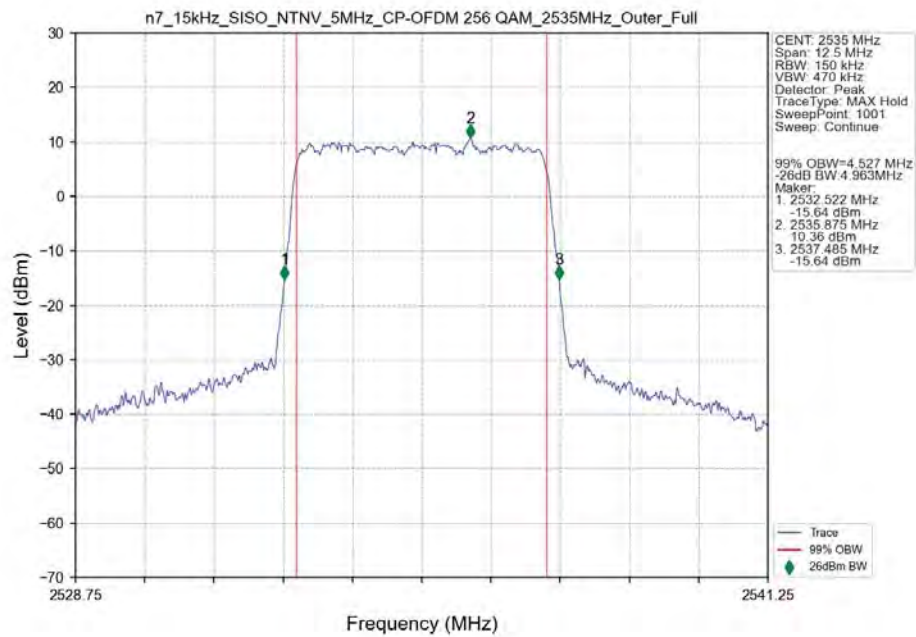
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant5



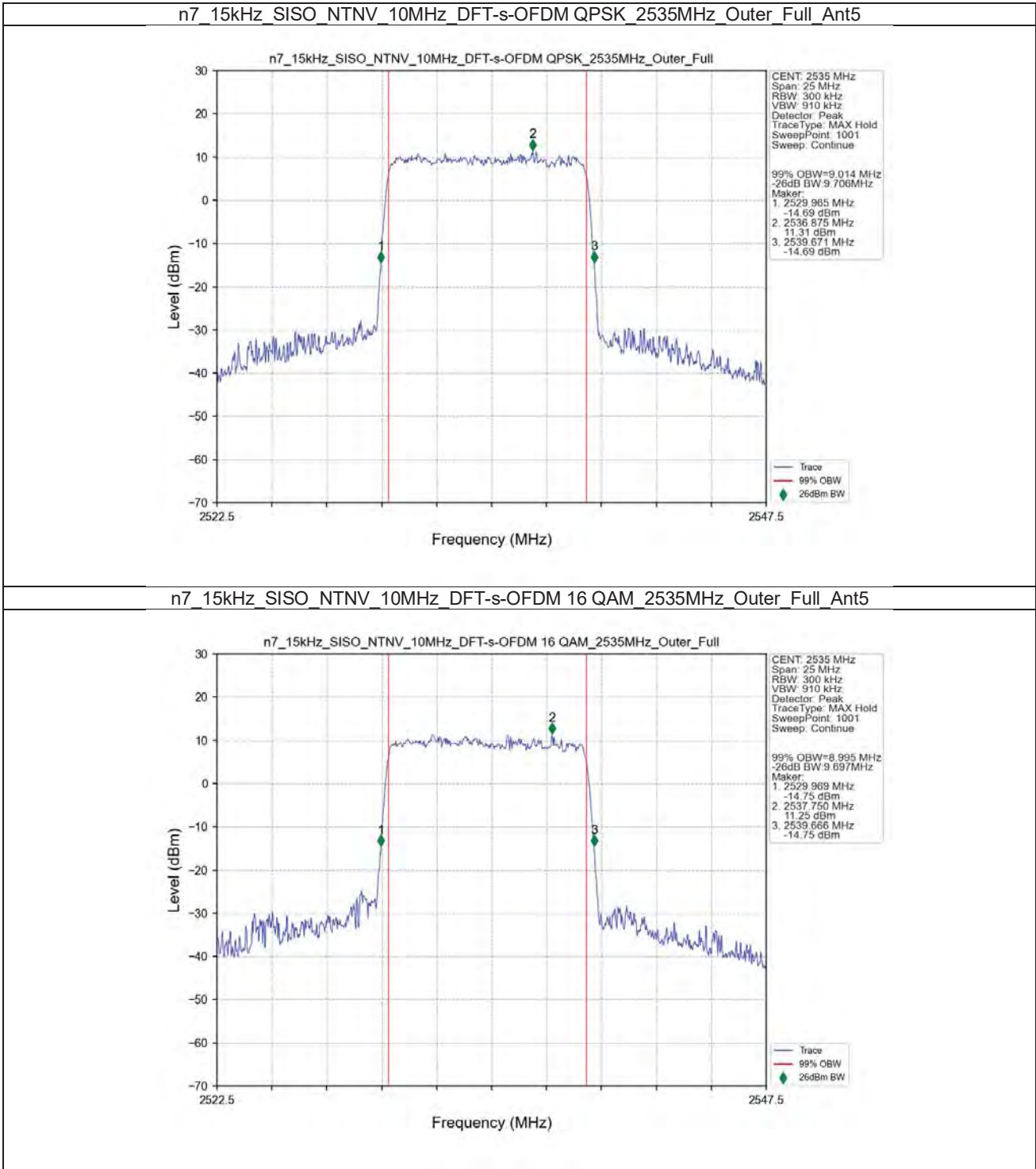
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM 64 QAM 2535MHz_Outer_Full_Ant5



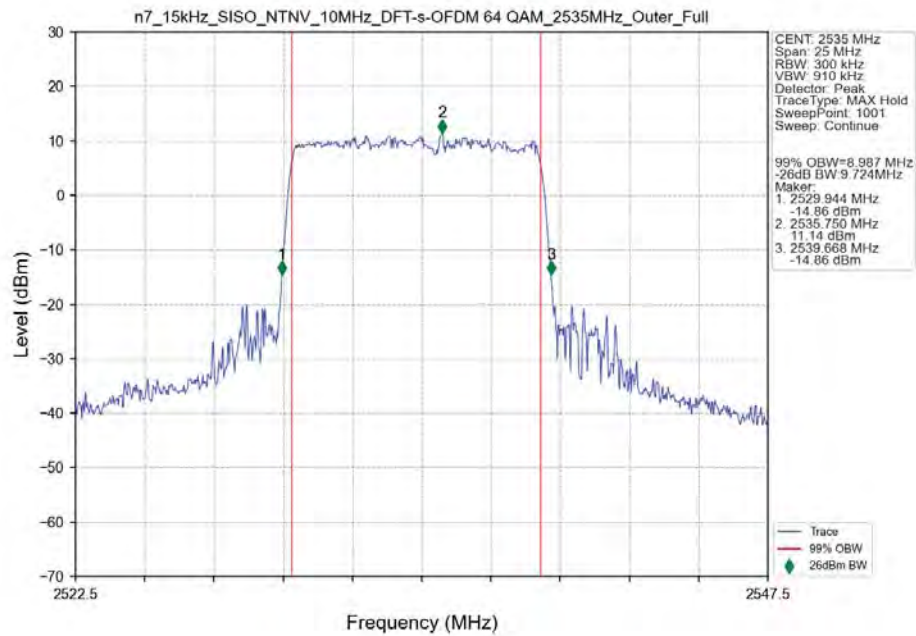
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM 2535MHz_Outer_Full_Ant5



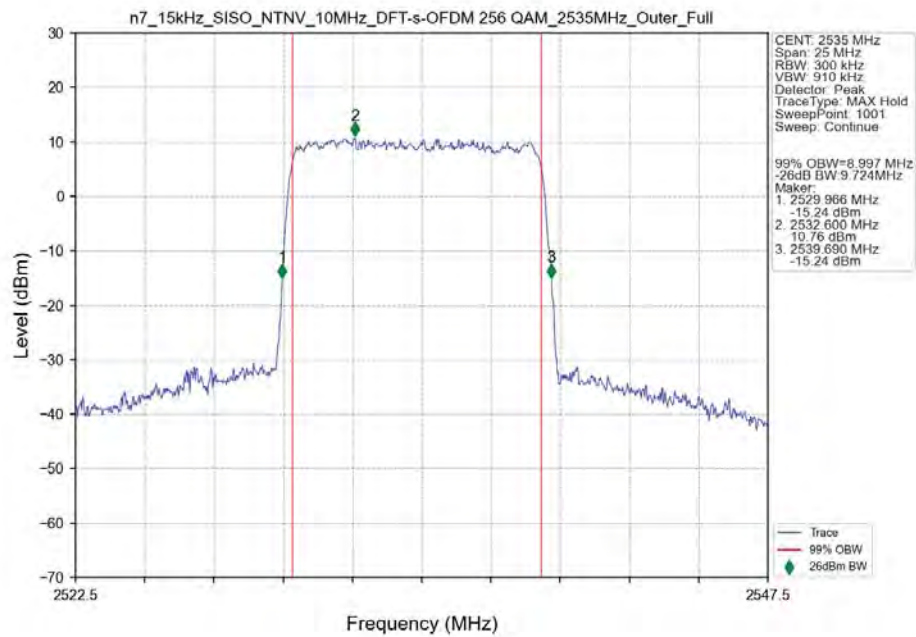
3.2.2 15_S_10M_NTNV



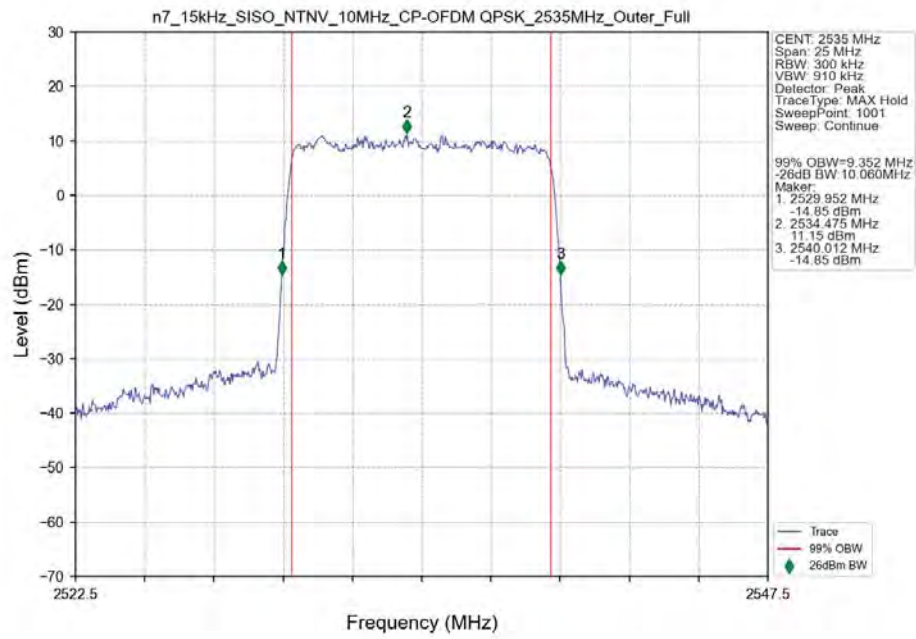
n7_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



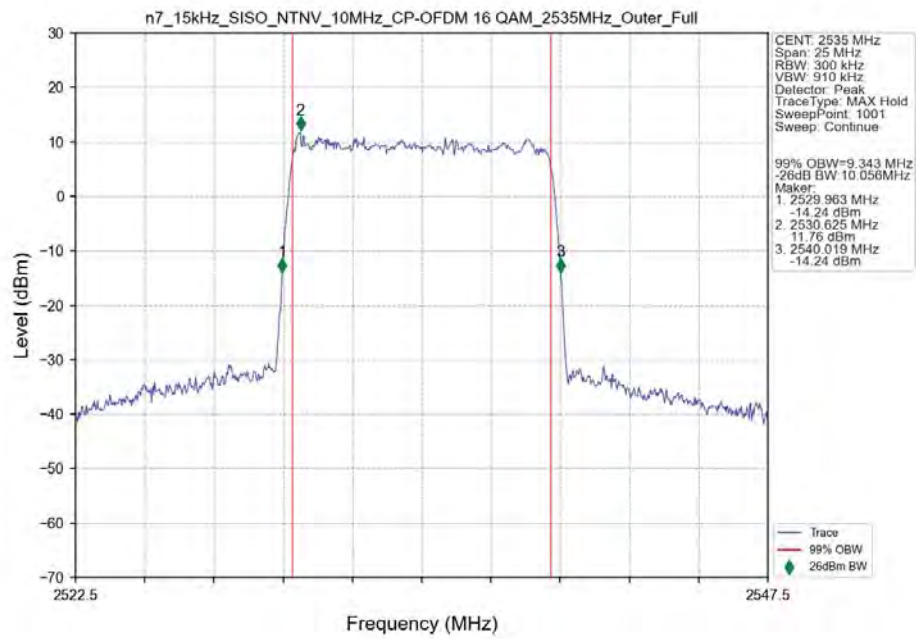
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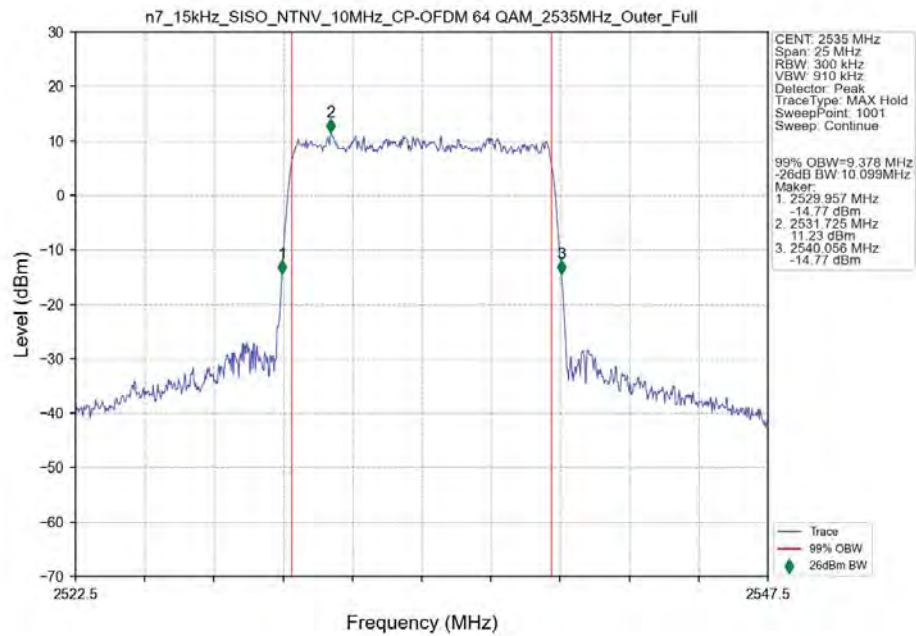
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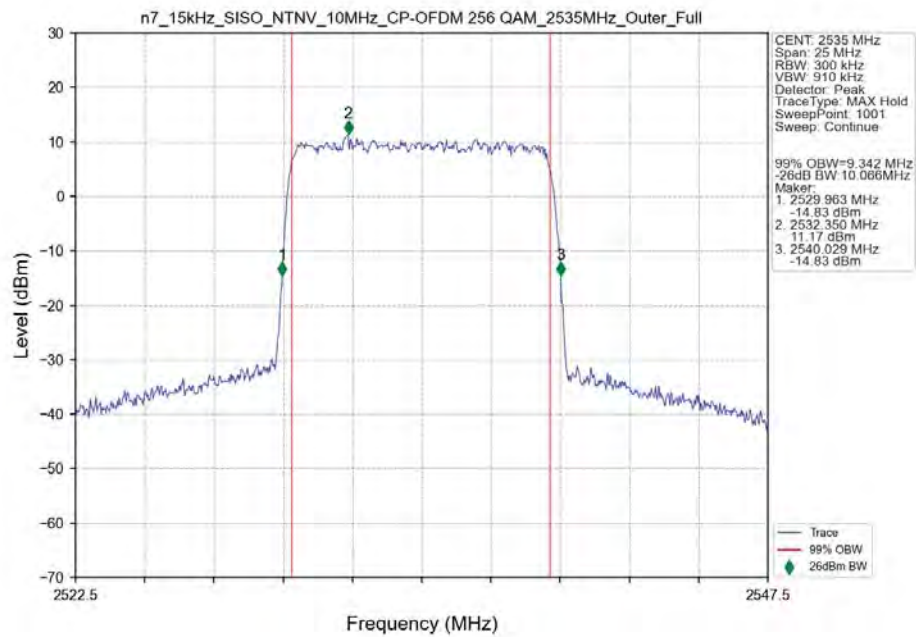
n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant5



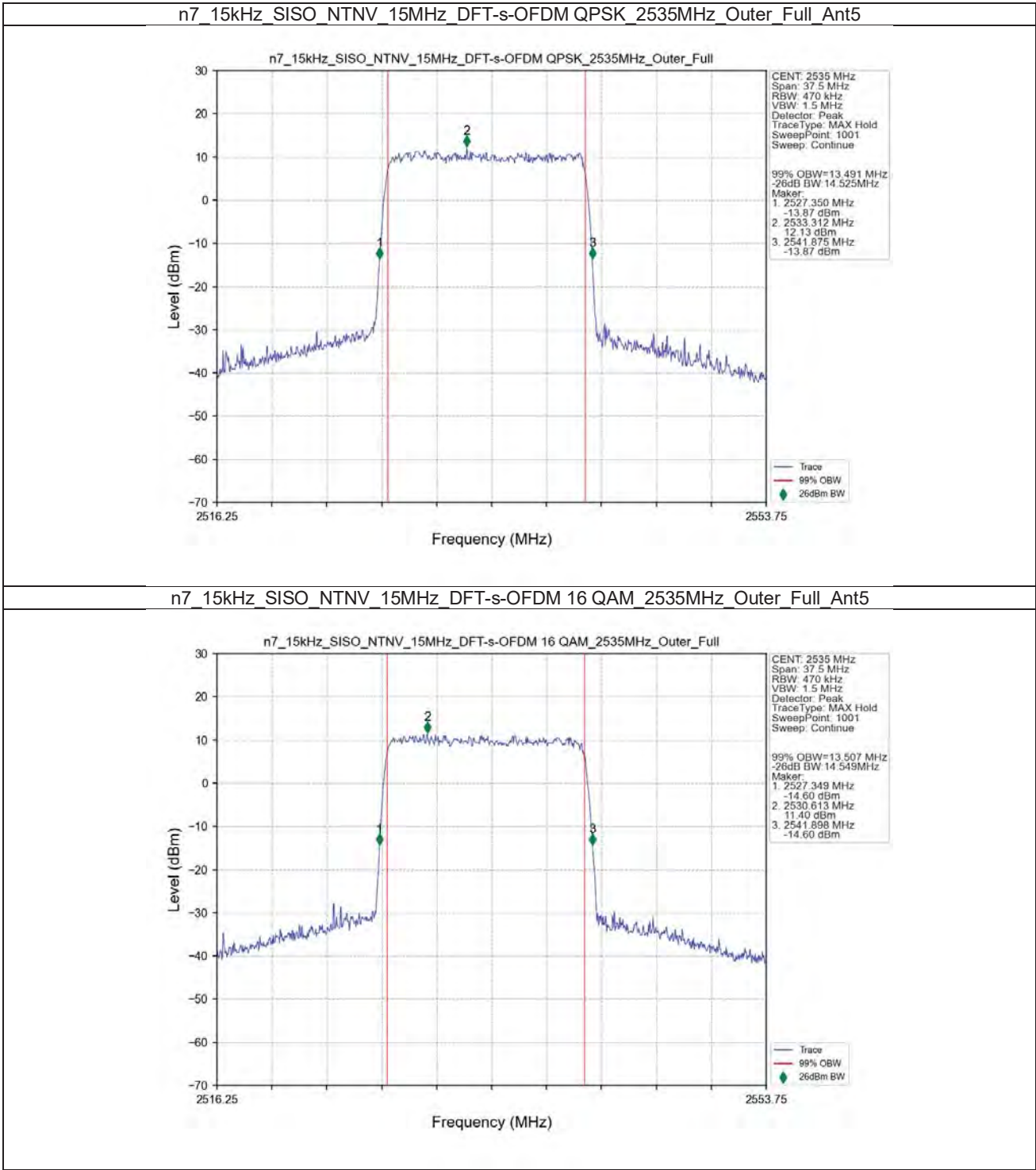
n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



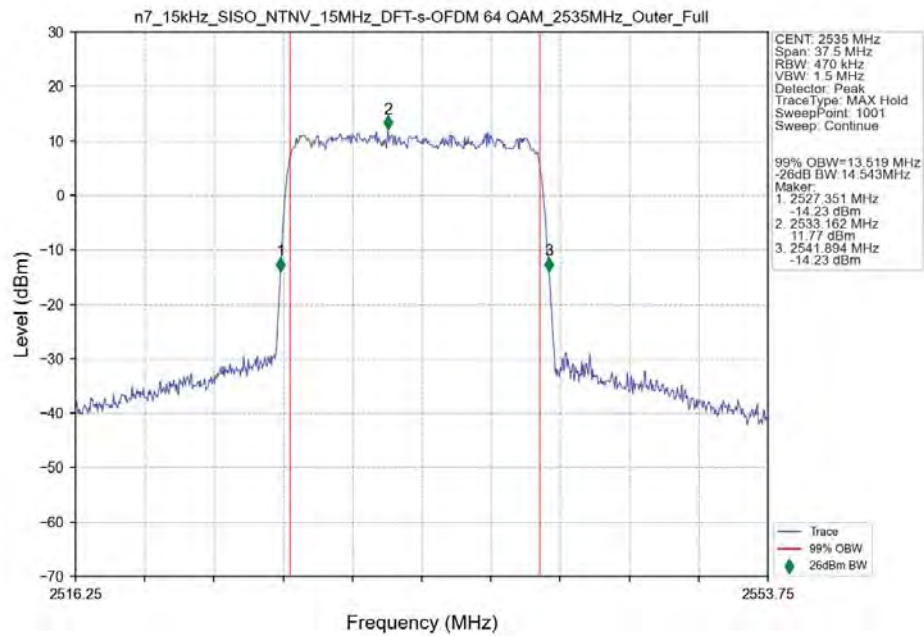
n7_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



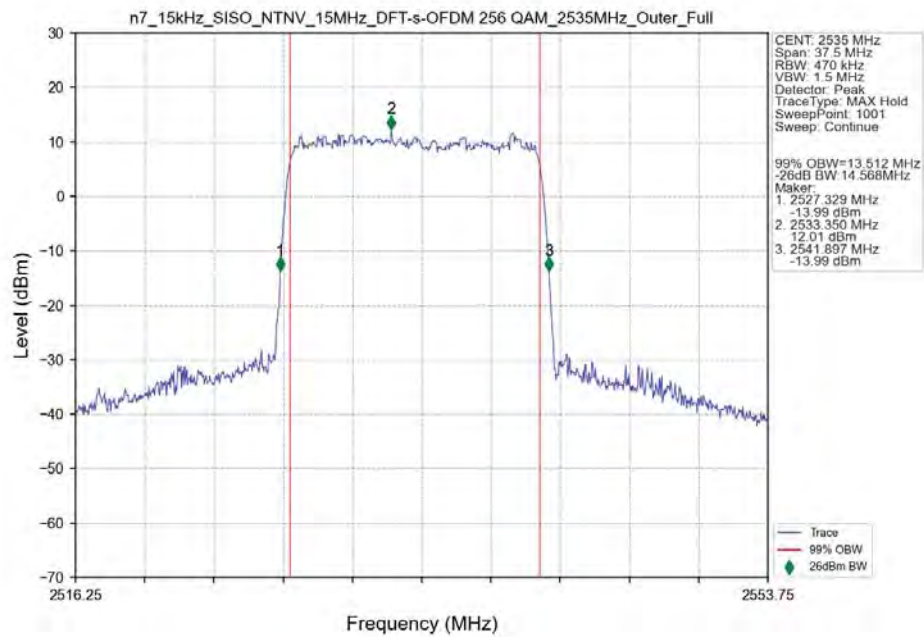
3.2.3 15_S_15M_NTNV



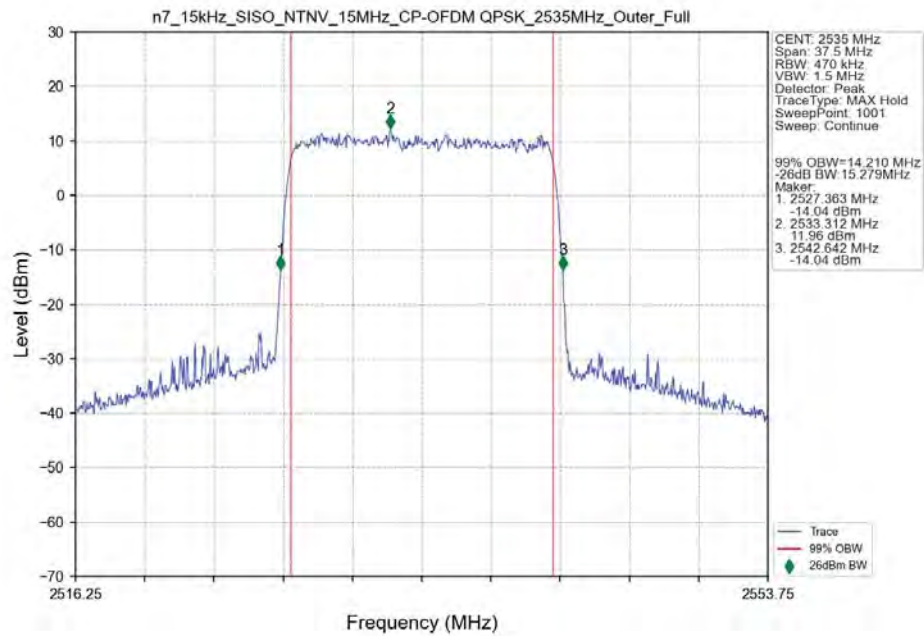
n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



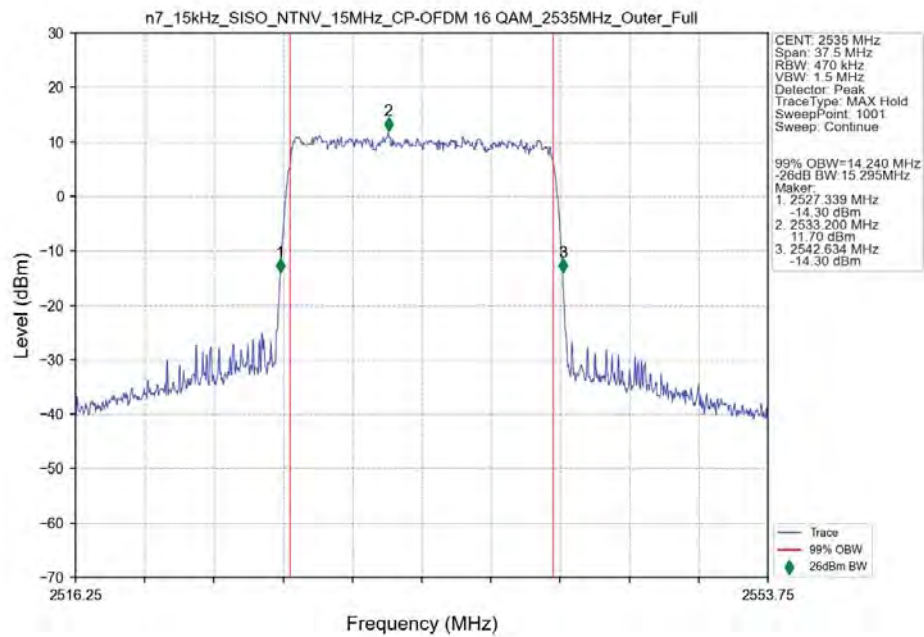
n7_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



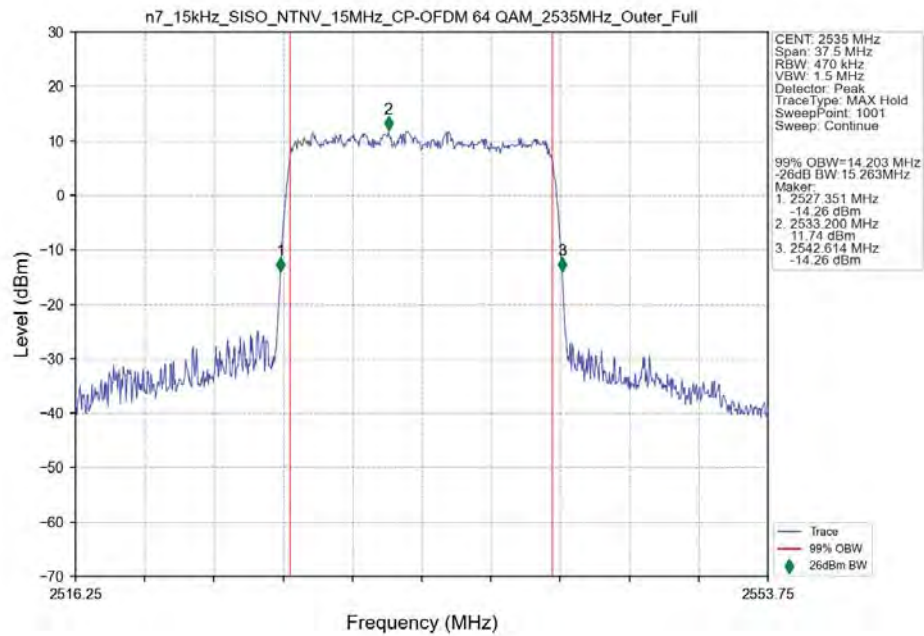
n7_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 2535MHz_Outer_Full_Ant5



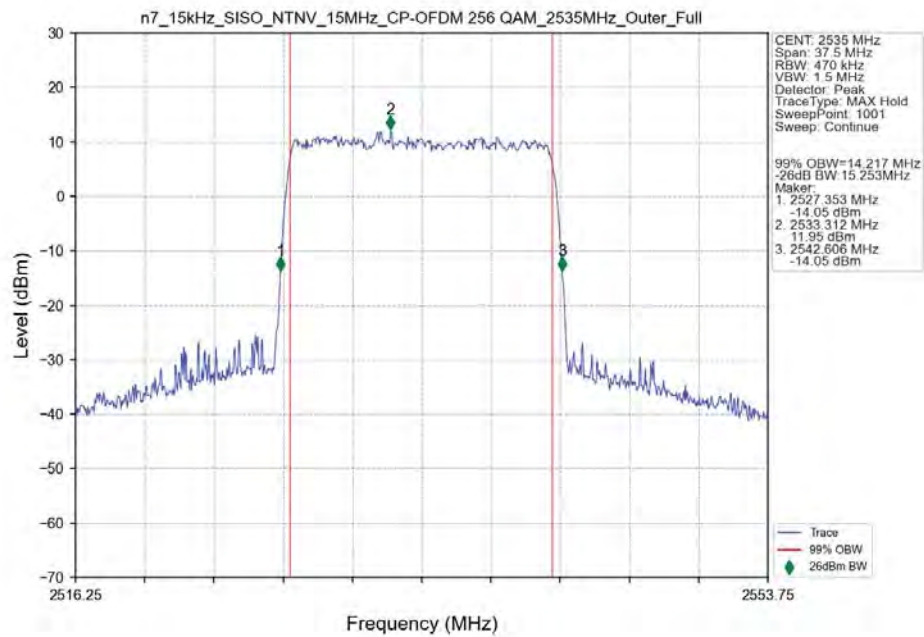
n7_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant5



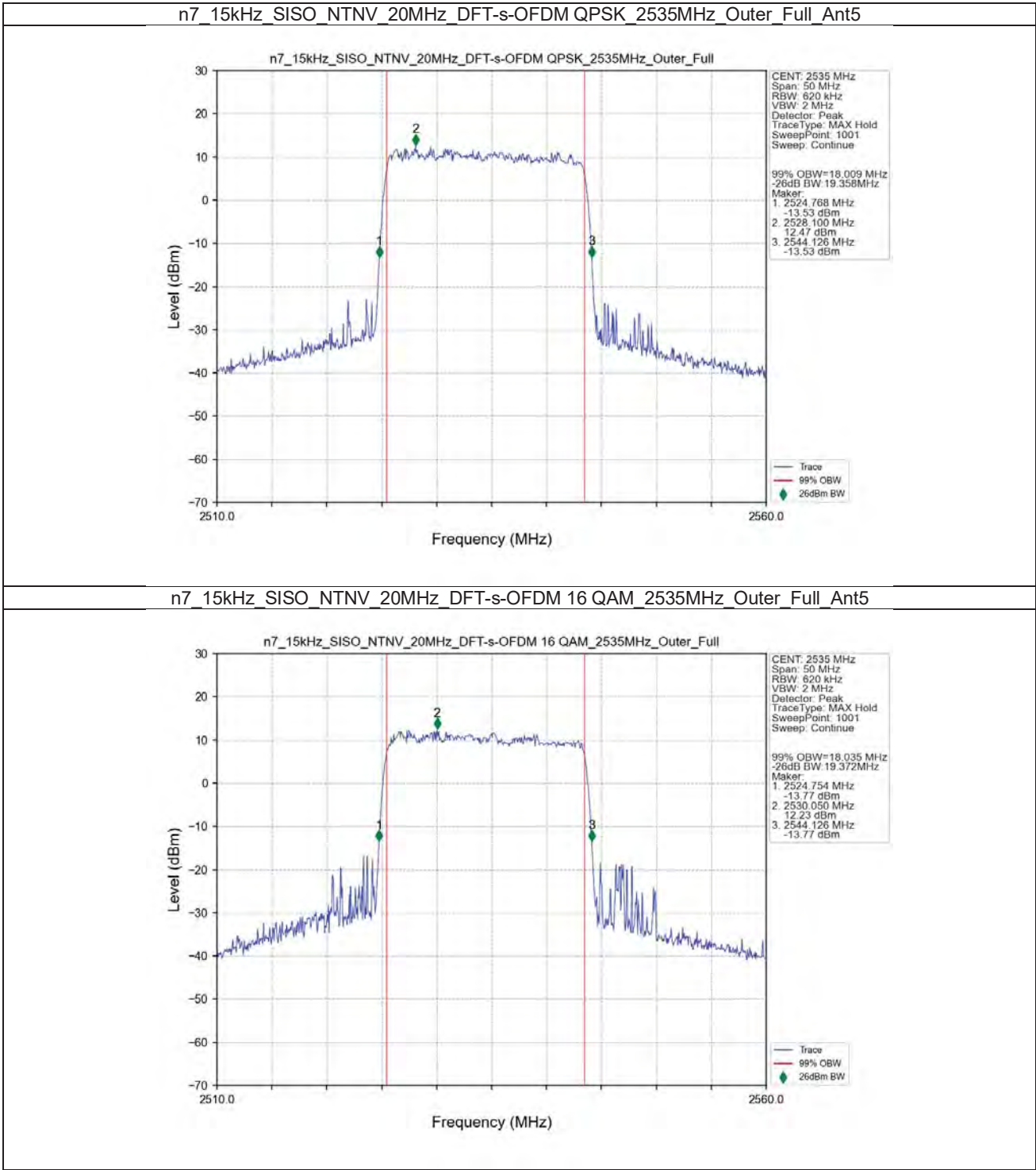
n7_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



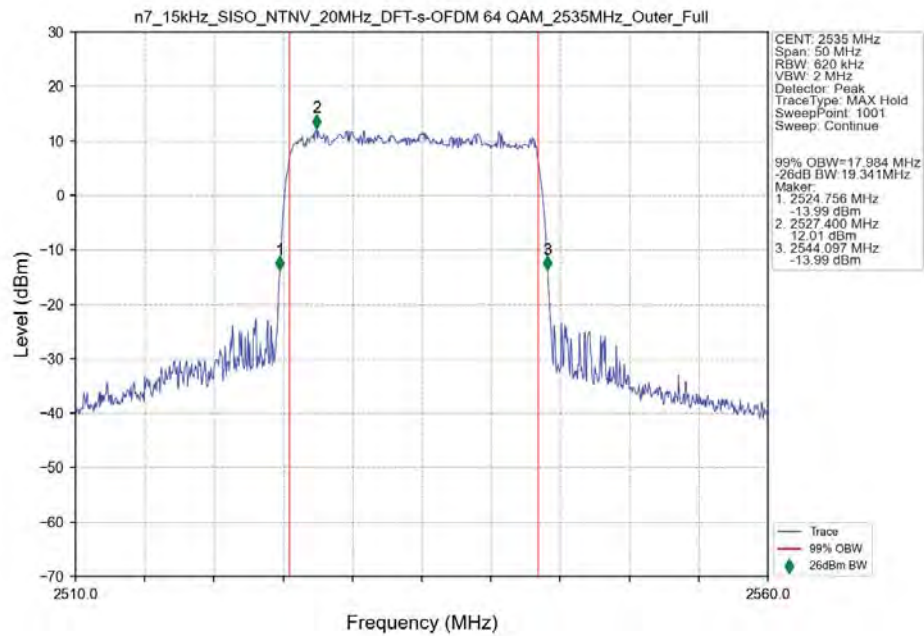
n7_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



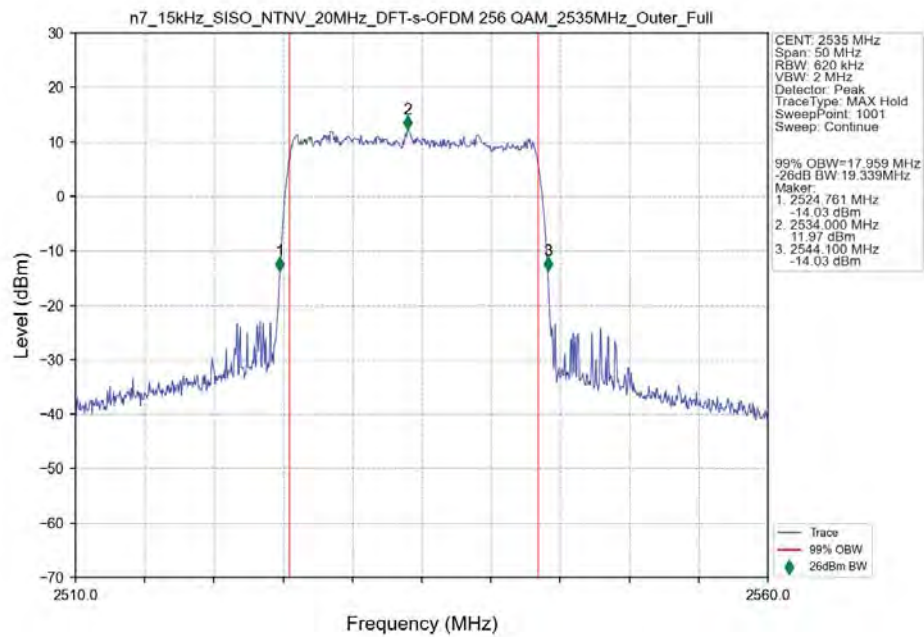
3.2.4 15_S_20M_NTNV



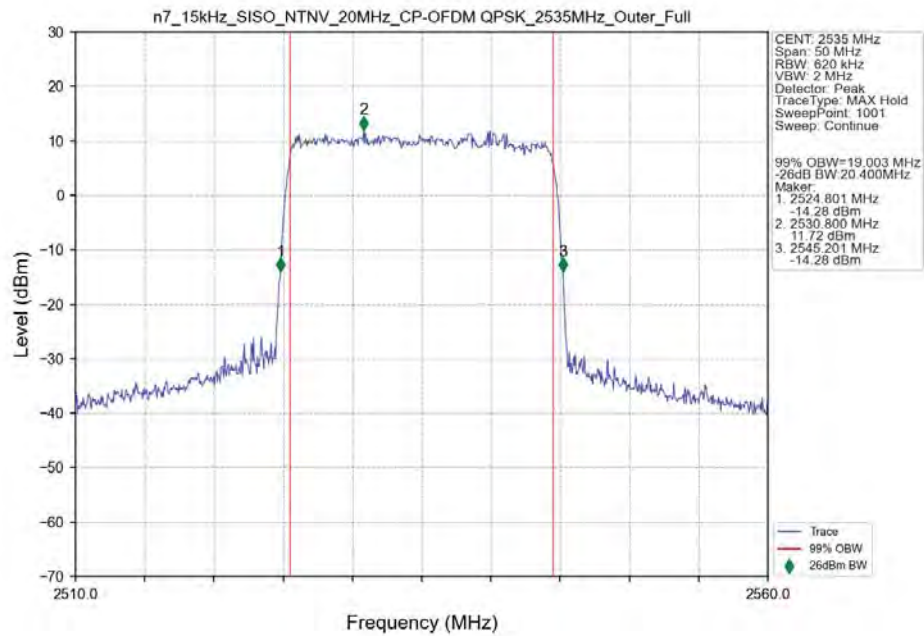
n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



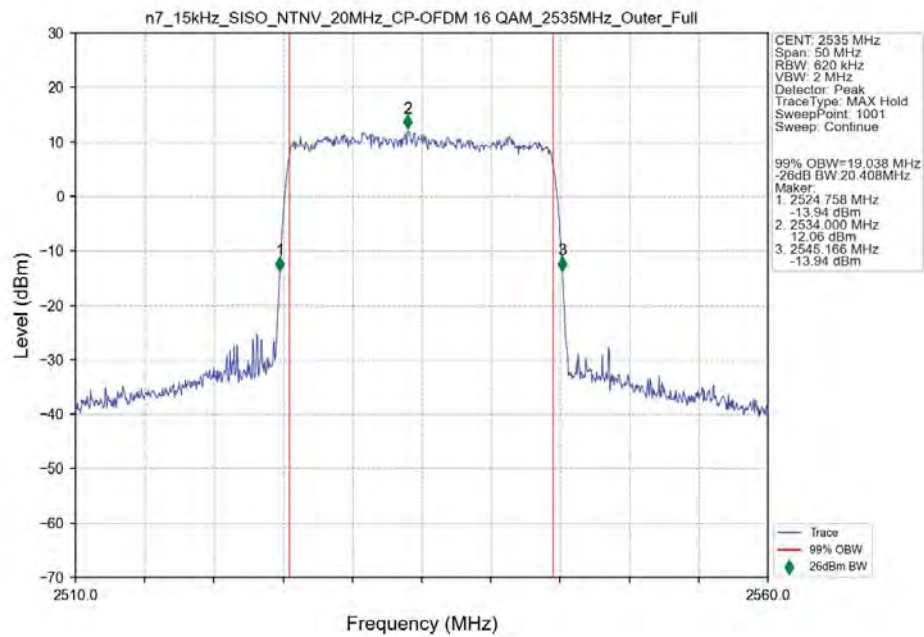
n7_15kHz_SISO_NTNV_20MHz_DFT-s-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



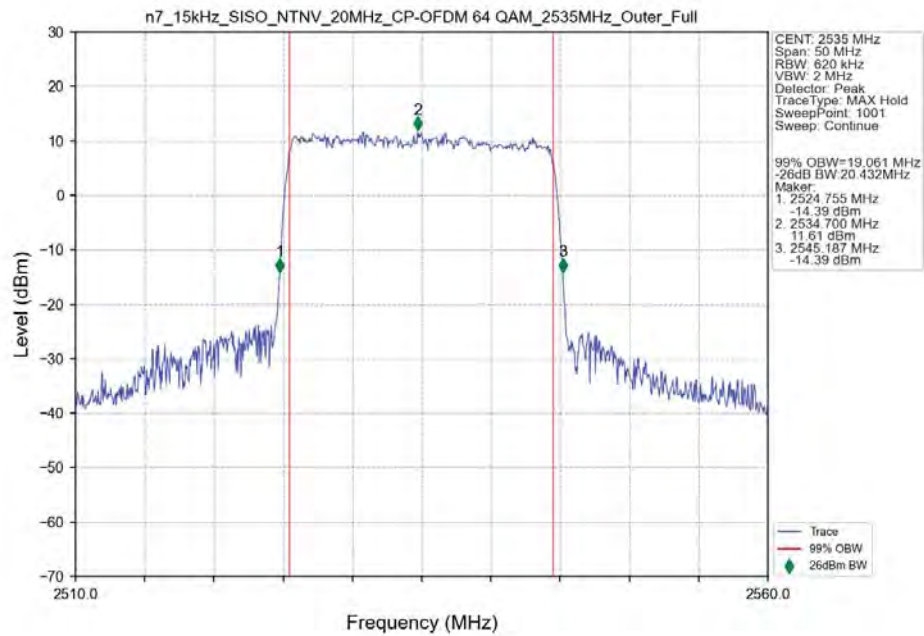
n7_15kHz_SISO_NTNV_20MHz_CP-OFDM QPSK 2535MHz_Outer_Full_Ant5



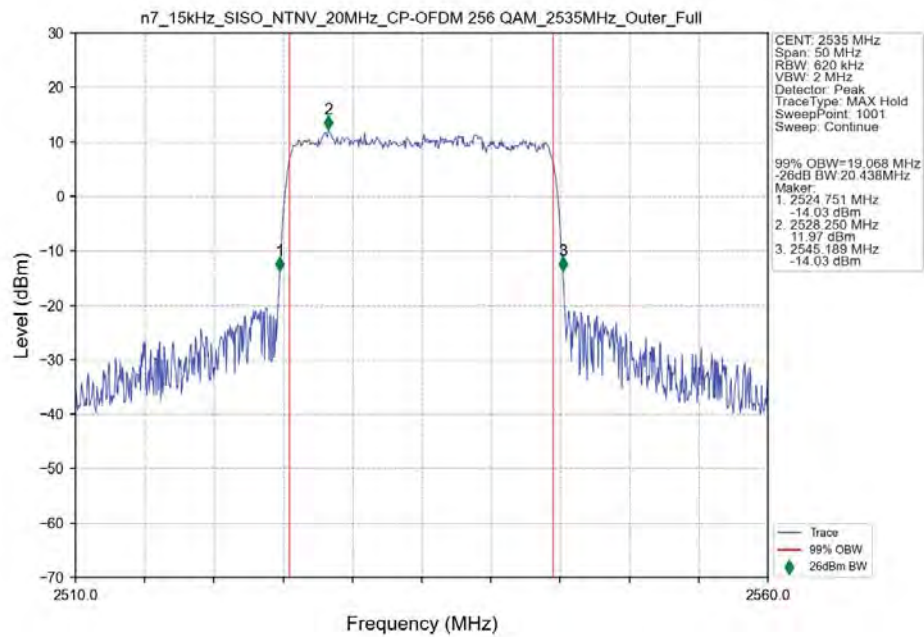
n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant5



n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



n7_15kHz_SISO_NTNV_20MHz_CP-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM QPSK_2535MHz_Outer_Full

Level (dBm)

Frequency (MHz)

CENT: 2535 MHz
Span: 62.5 MHz
RBW: 750 kHz
VBW: 2.4 MHz
Detector: Peak
Trace Type: MAX Hold
Sweep Point: 1001
Sweep: Continue

99% OBW=23.018 MHz
-26dB BW 24.711 MHz

Maker:
1. 2522.190 MHz
-14.59 dBm
2. 2530.562 MHz
11.41 dBm
3. 2546.901 MHz
-14.59 dBm

Trace
99% OBW
26dBm BW

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 16 QAM_2535MHz_Outer_Full Ant5

Level (dBm)

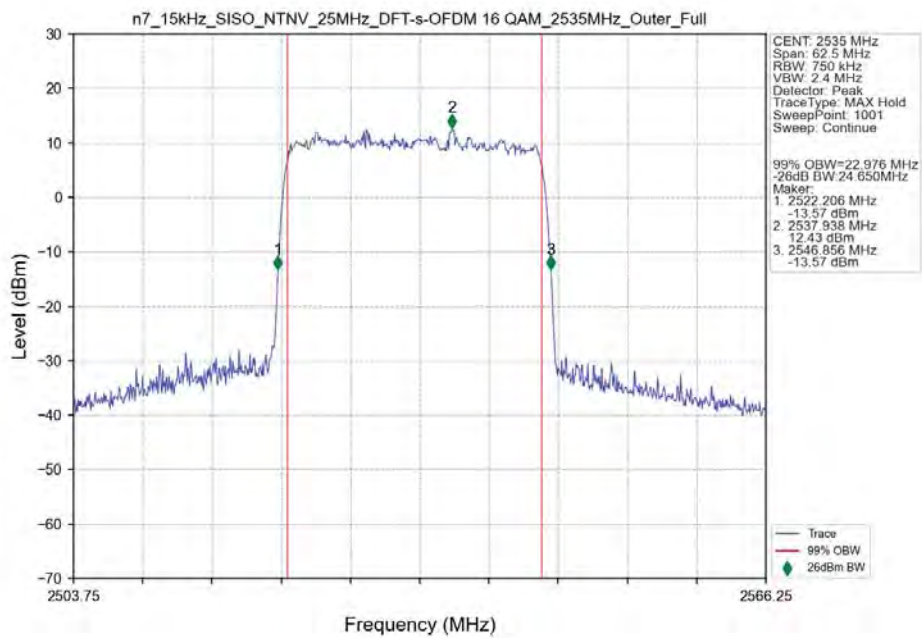
Frequency (MHz)

CENT: 2535 MHz
Span: 62.5 MHz
RBW: 750 kHz
VBW: 2.4 MHz
Detector: Peak
Trace Type: MAX Hold
Sweep Point: 1001
Sweep: Continue

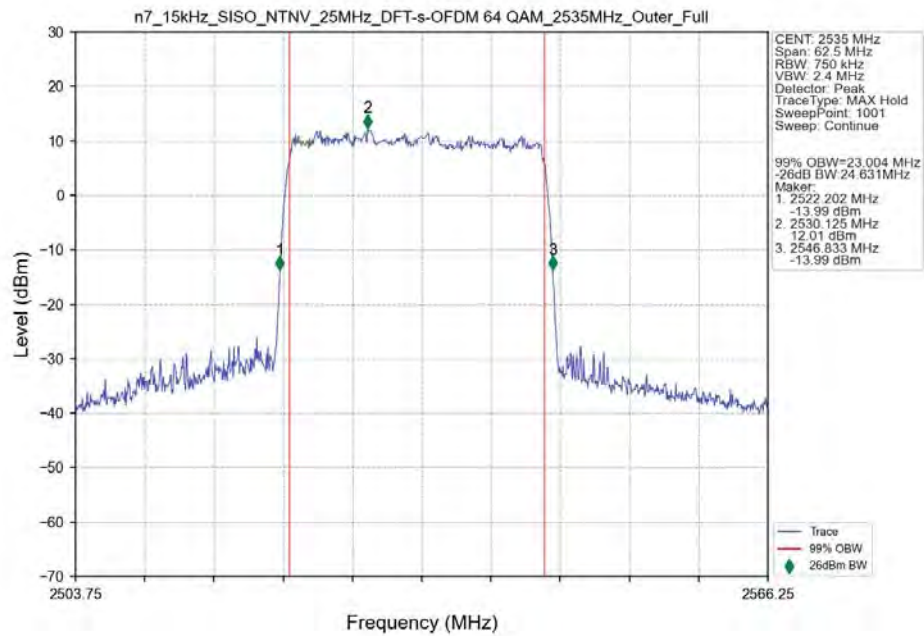
99% OBW=22.976 MHz
-26dB BW 24.650 MHz

Maker:
1. 2522.206 MHz
-13.57 dBm
2. 2537.938 MHz
12.43 dBm
3. 2546.856 MHz
-13.57 dBm

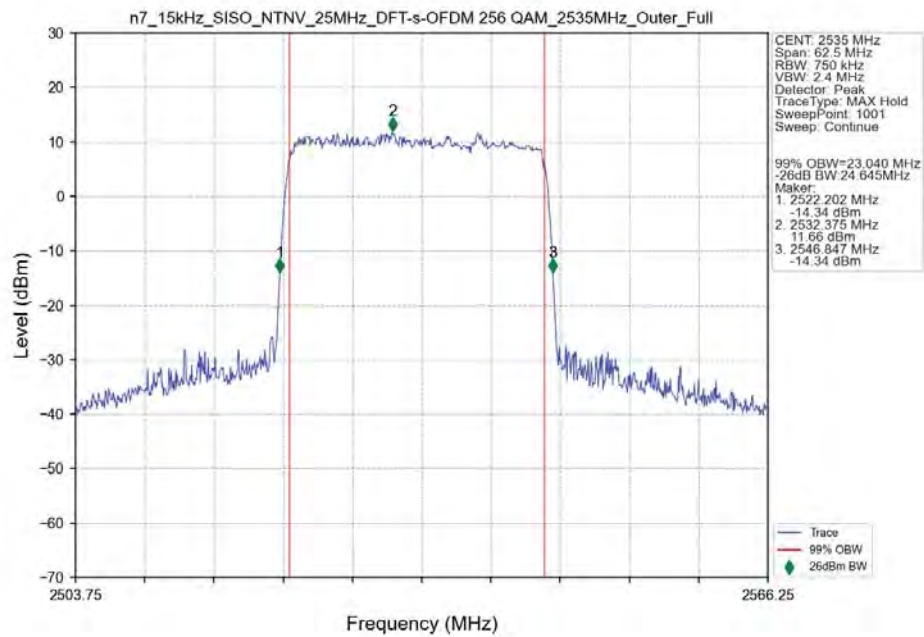
Trace
99% OBW
26dBm BW



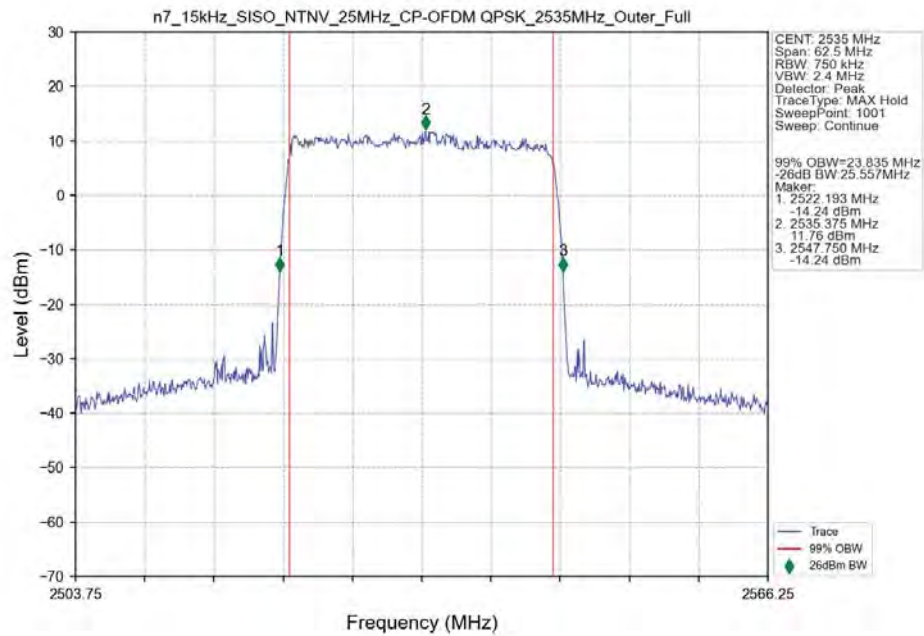
n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



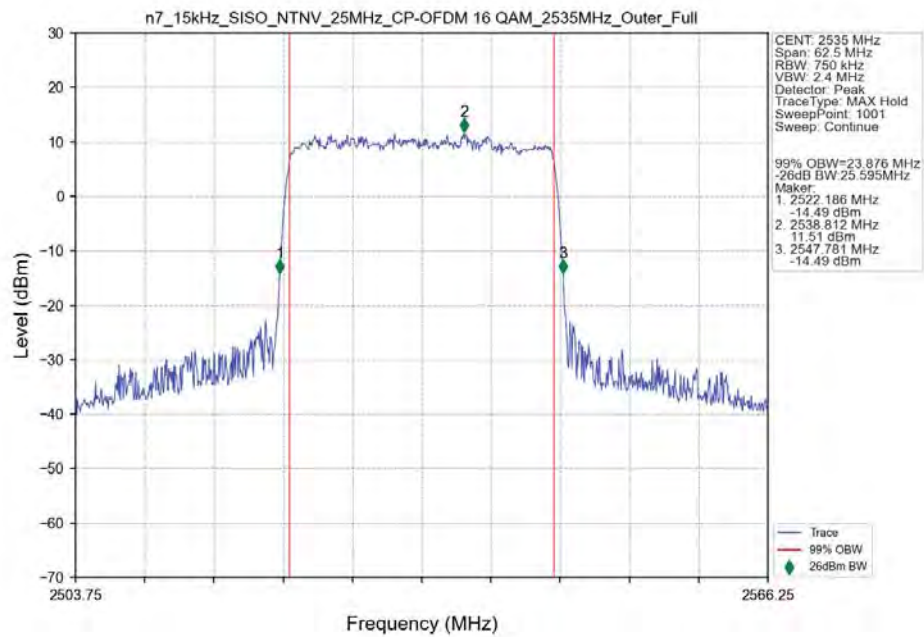
n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



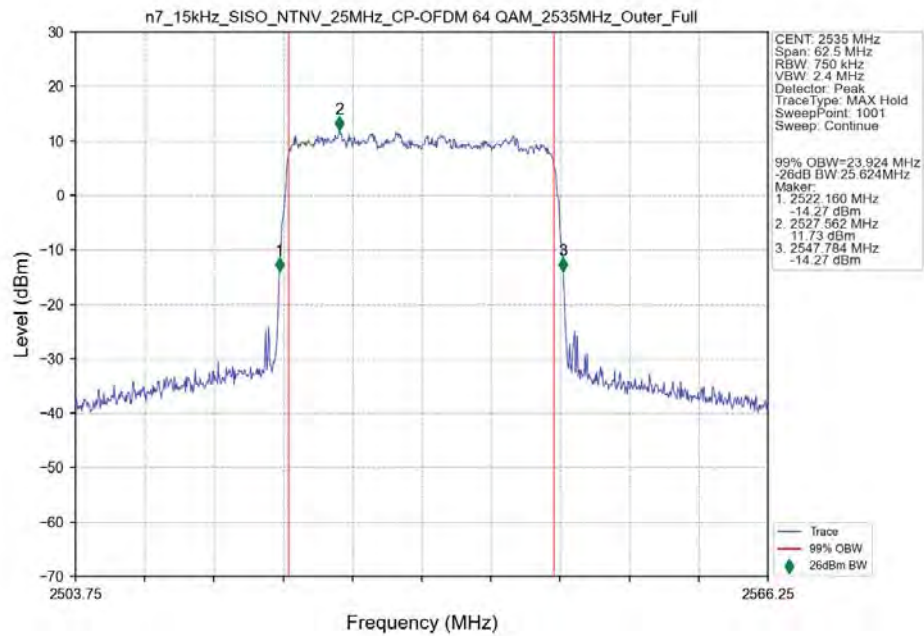
n7_15kHz_SISO_NTNV_25MHz_CP-OFDM QPSK_2535MHz_Outer_Full_Ant5



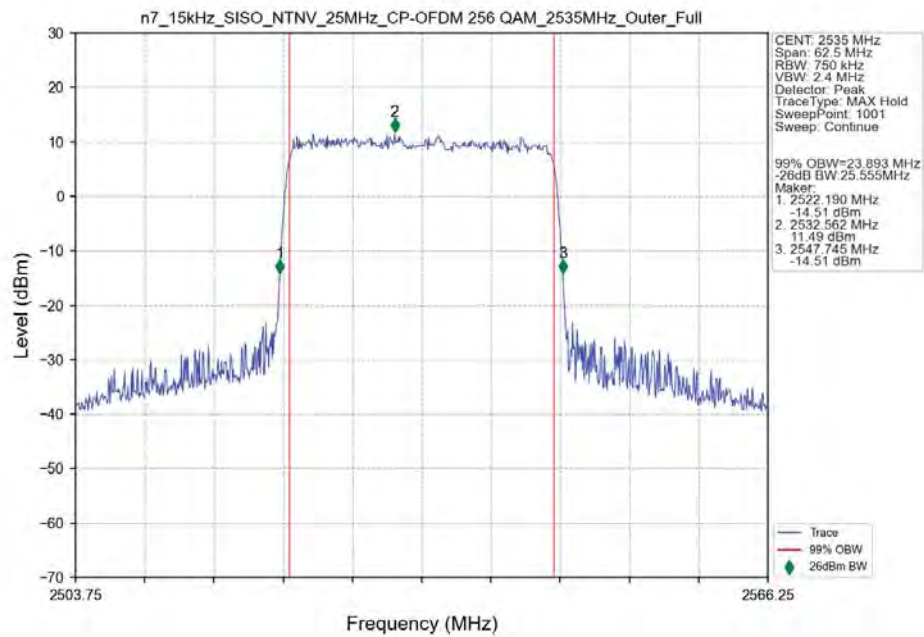
n7_15kHz_SISO_NTNV_25MHz_CP-OFDM 16 QAM_2535MHz_Outer_Full_Ant5



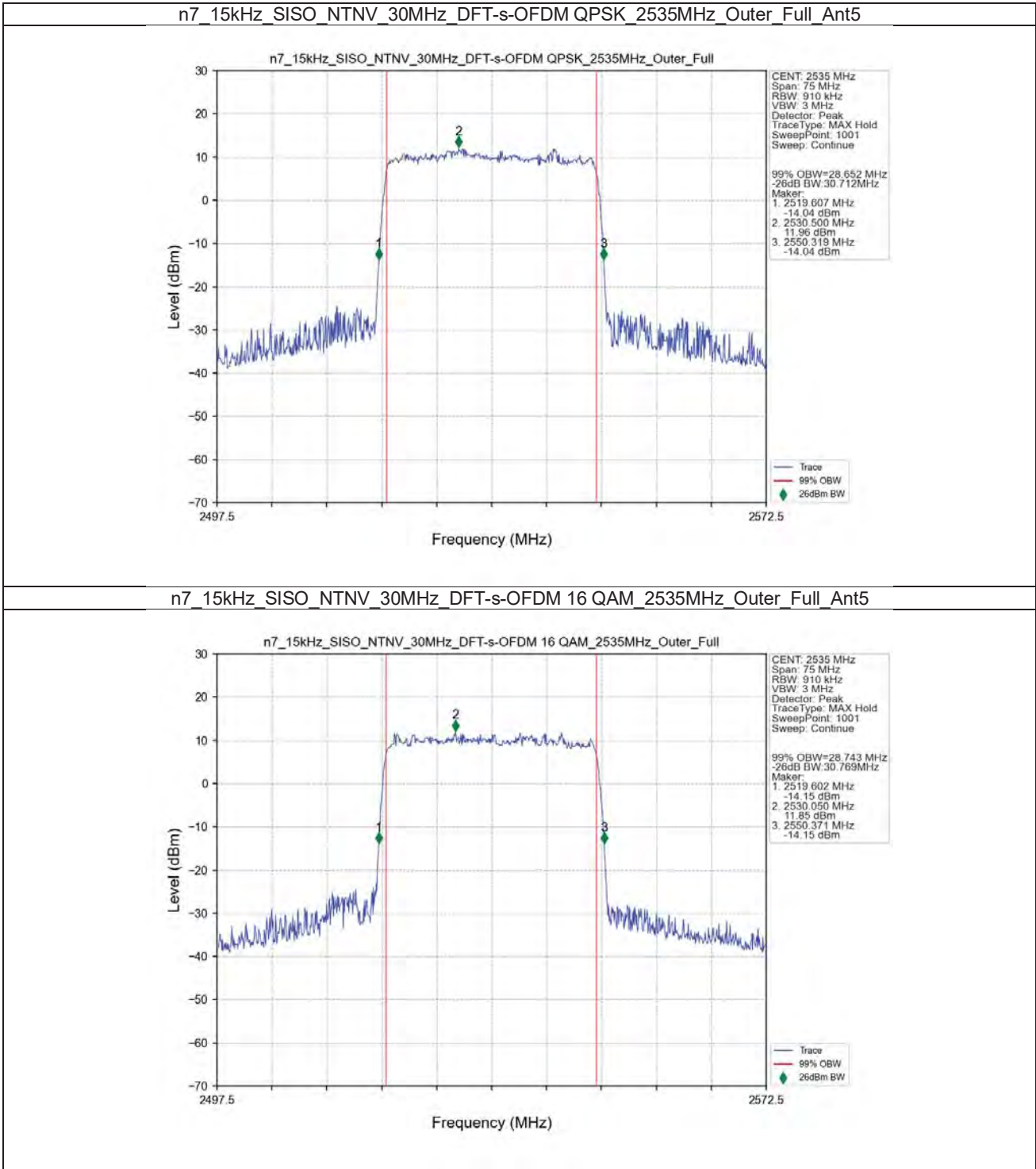
n7_15kHz_SISO_NTNV_25MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



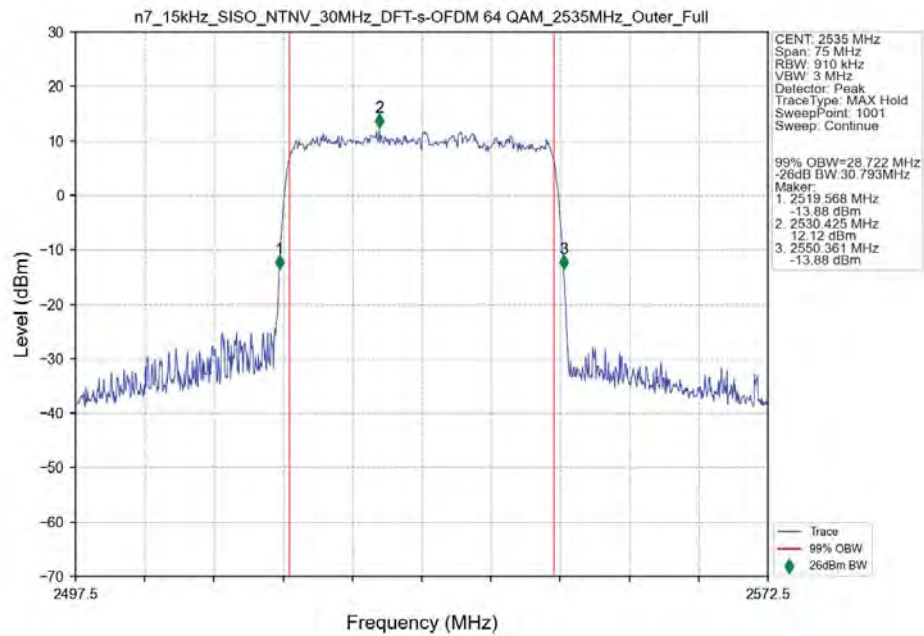
n7_15kHz_SISO_NTNV_25MHz_CP-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



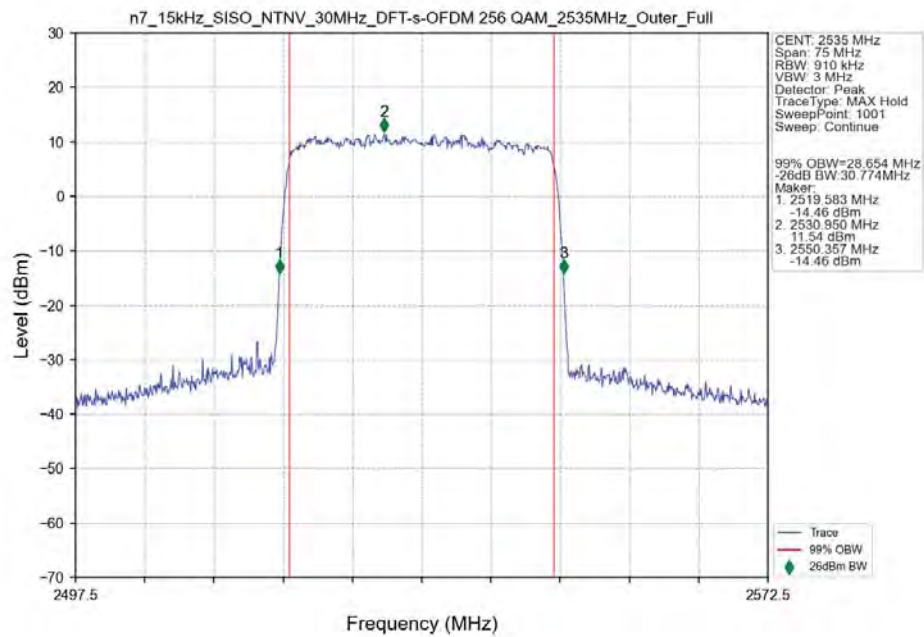
3.2.6 15_S_30M_NTNV



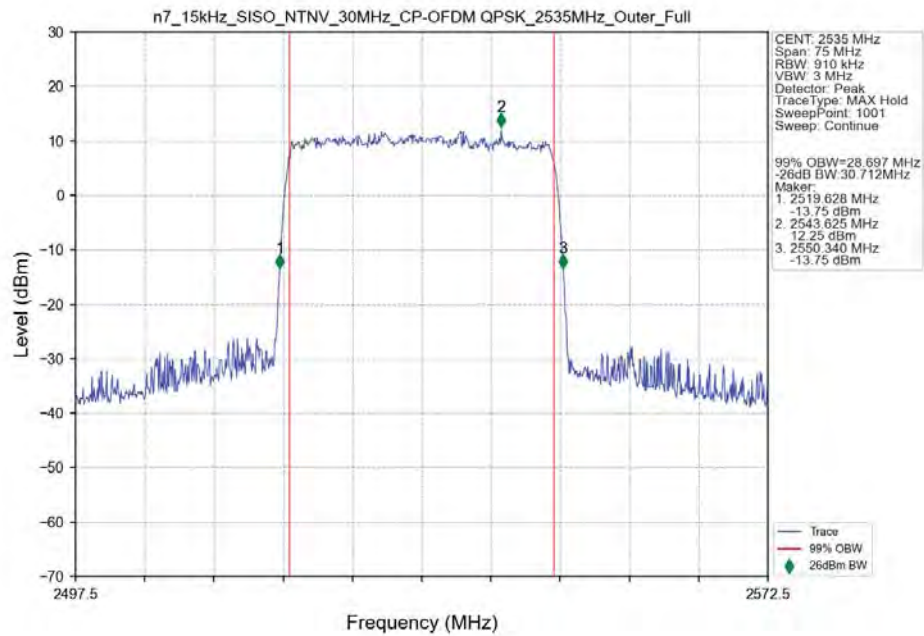
n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



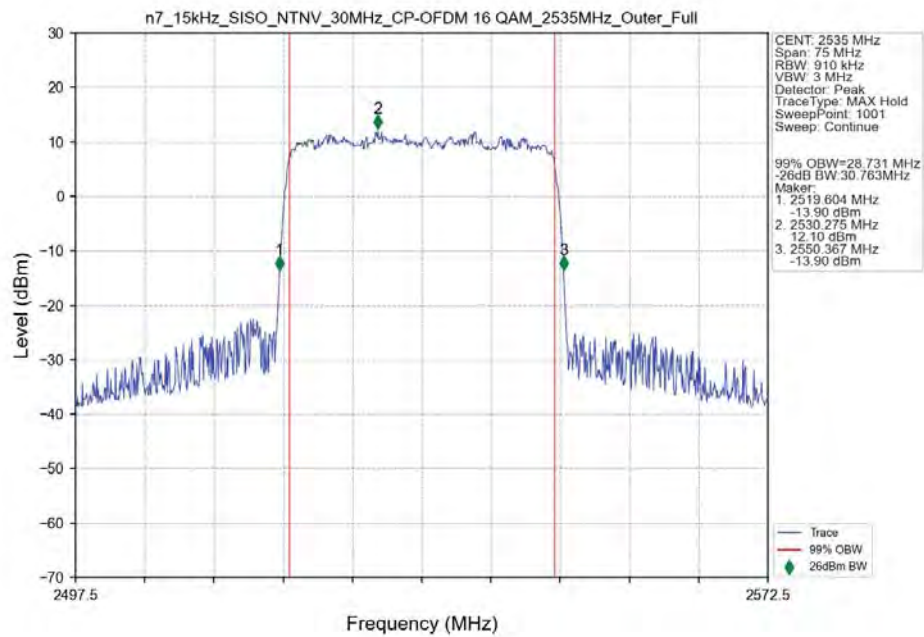
n7_15kHz_SISO_NTNV_30MHz_DFT-s-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



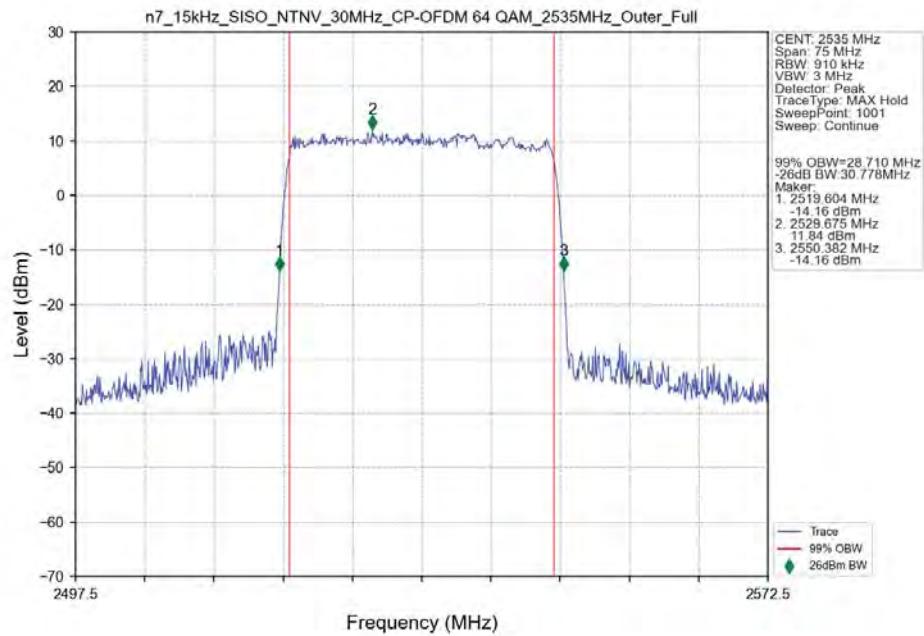
n7_15kHz_SISO_NTNV_30MHz_CP-OFDM QPSK 2535MHz_Outer_Full_Ant5



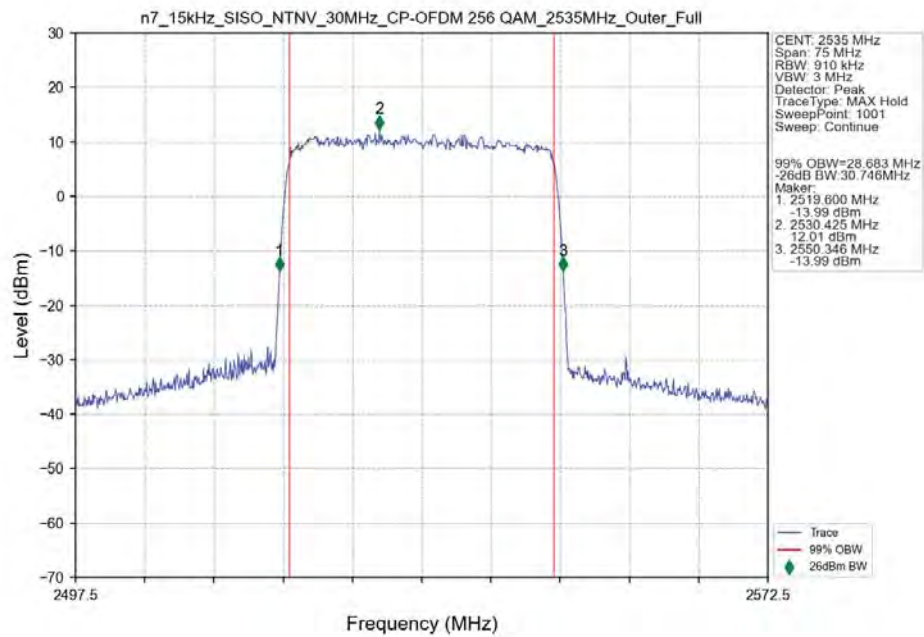
n7_15kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant5



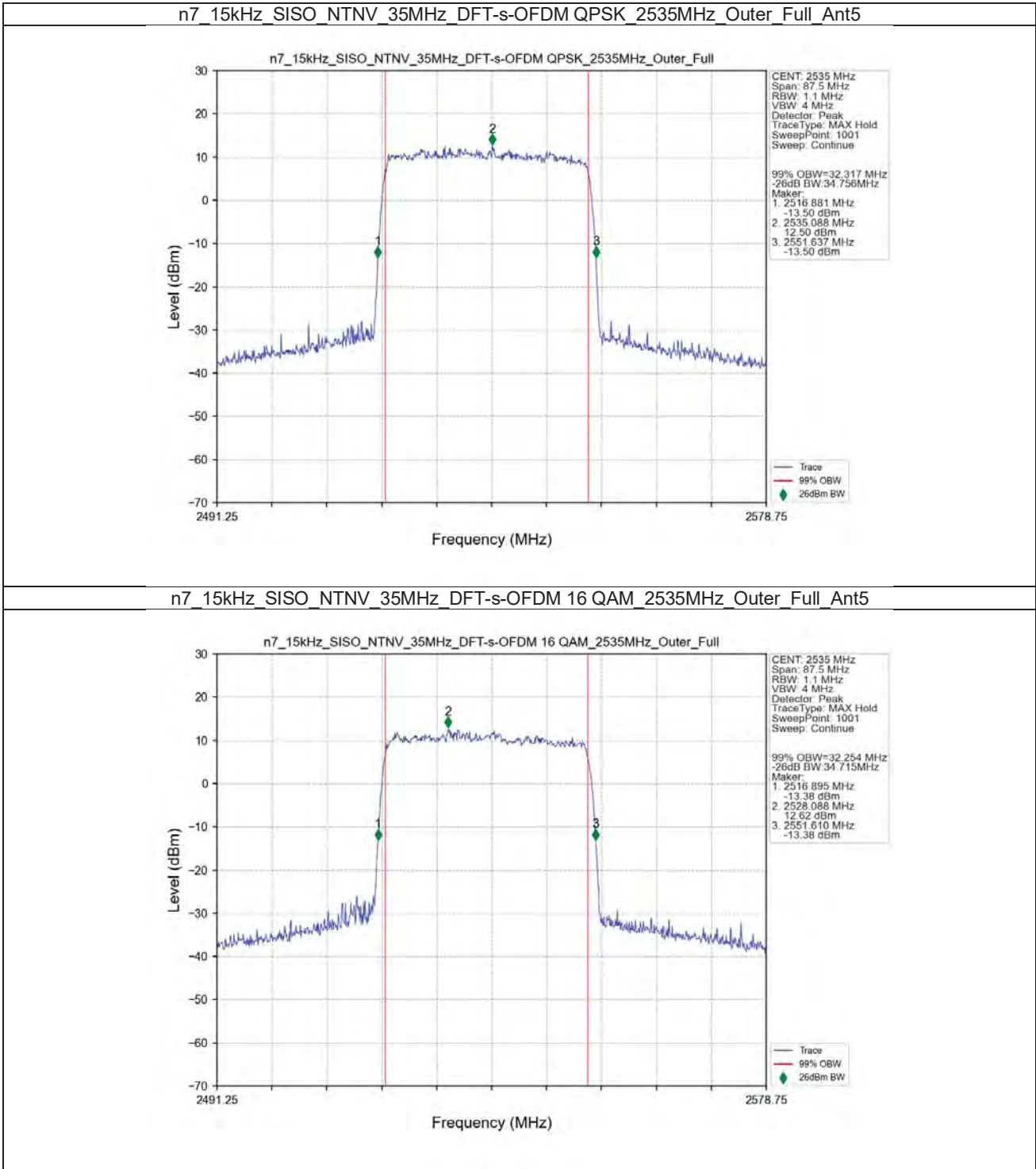
n7_15kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



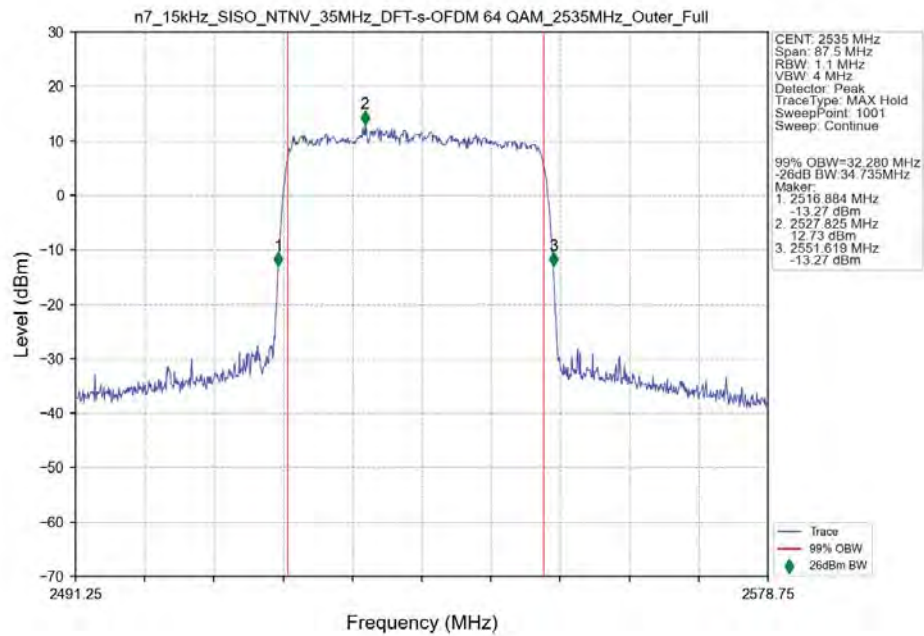
n7_15kHz_SISO_NTNV_30MHz_CP-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



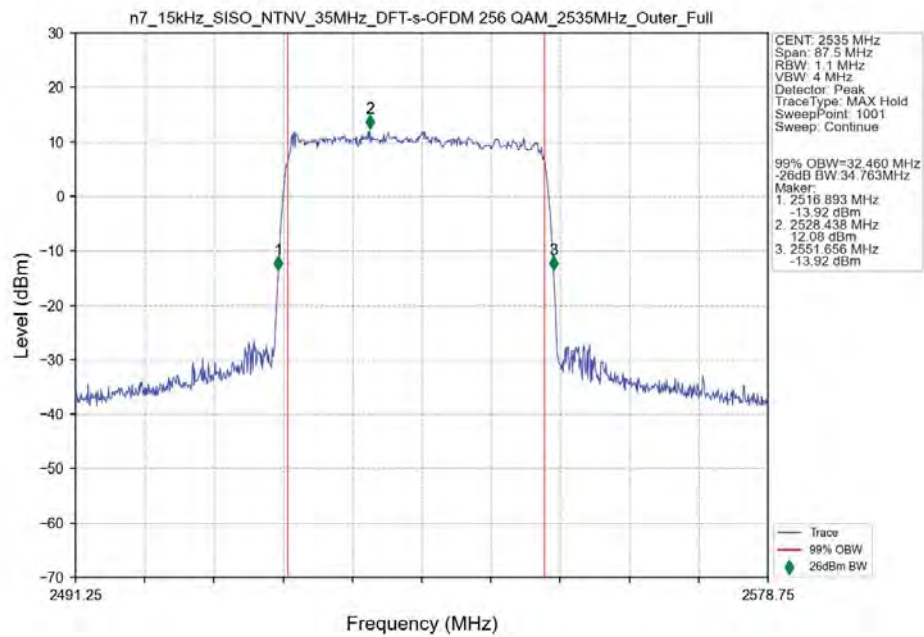
3.2.7 15_S_35M_NTNV



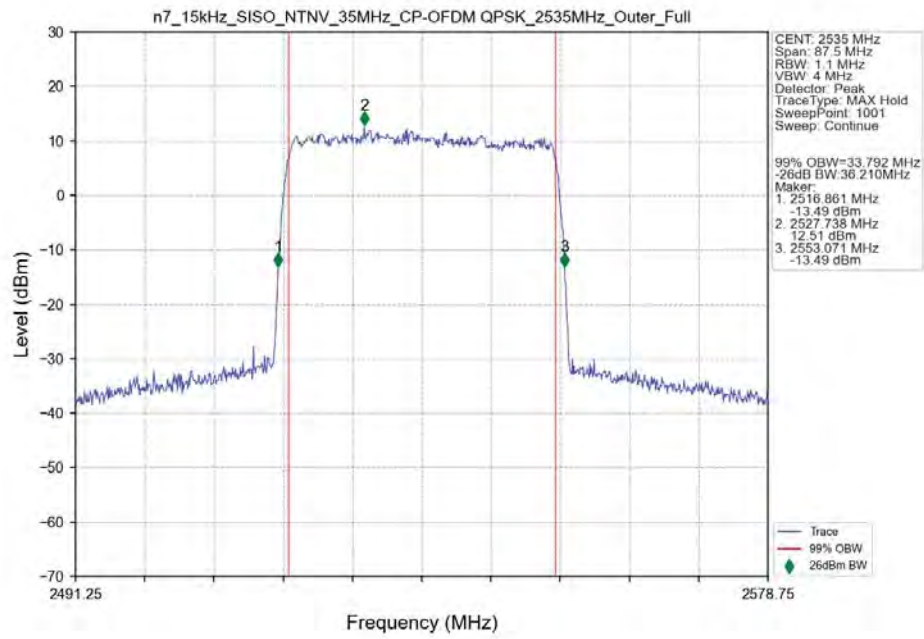
n7_15kHz_SISO_NTNV_35MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



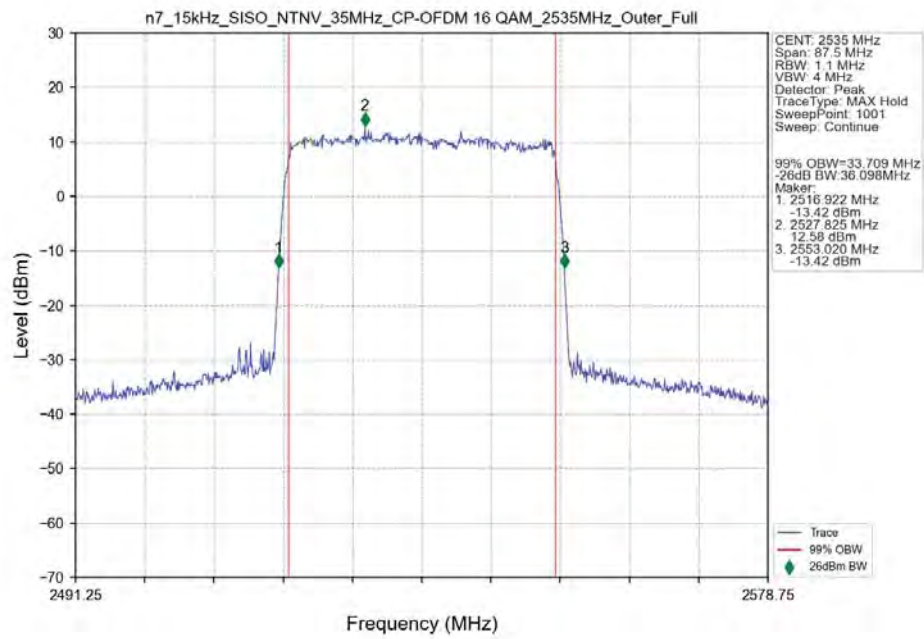
n7_15kHz_SISO_NTNV_35MHz_DFT-s-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



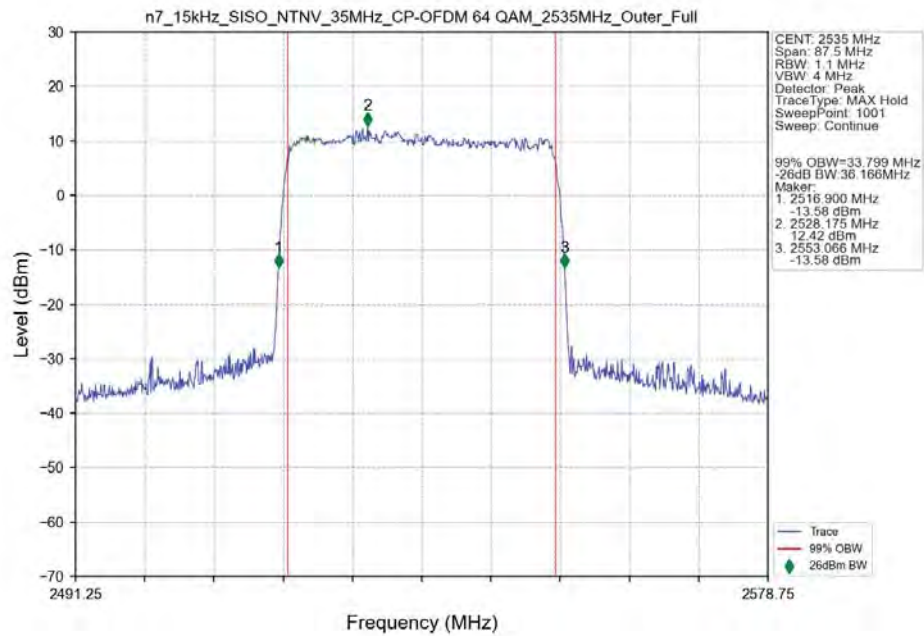
n7_15kHz_SISO_NTNV_35MHz_CP-OFDM QPSK 2535MHz_Outer_Full_Ant5



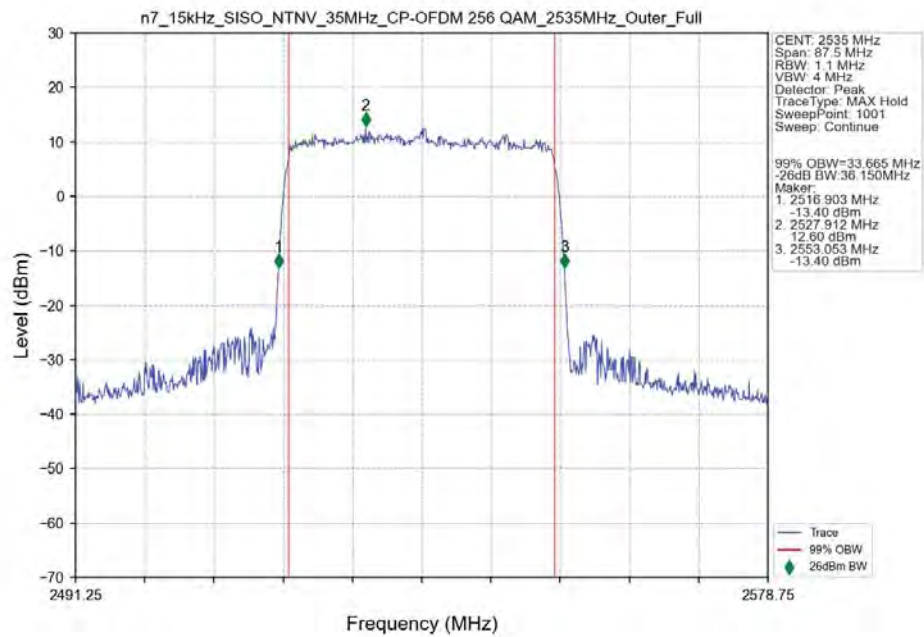
n7_15kHz_SISO_NTNV_35MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant5



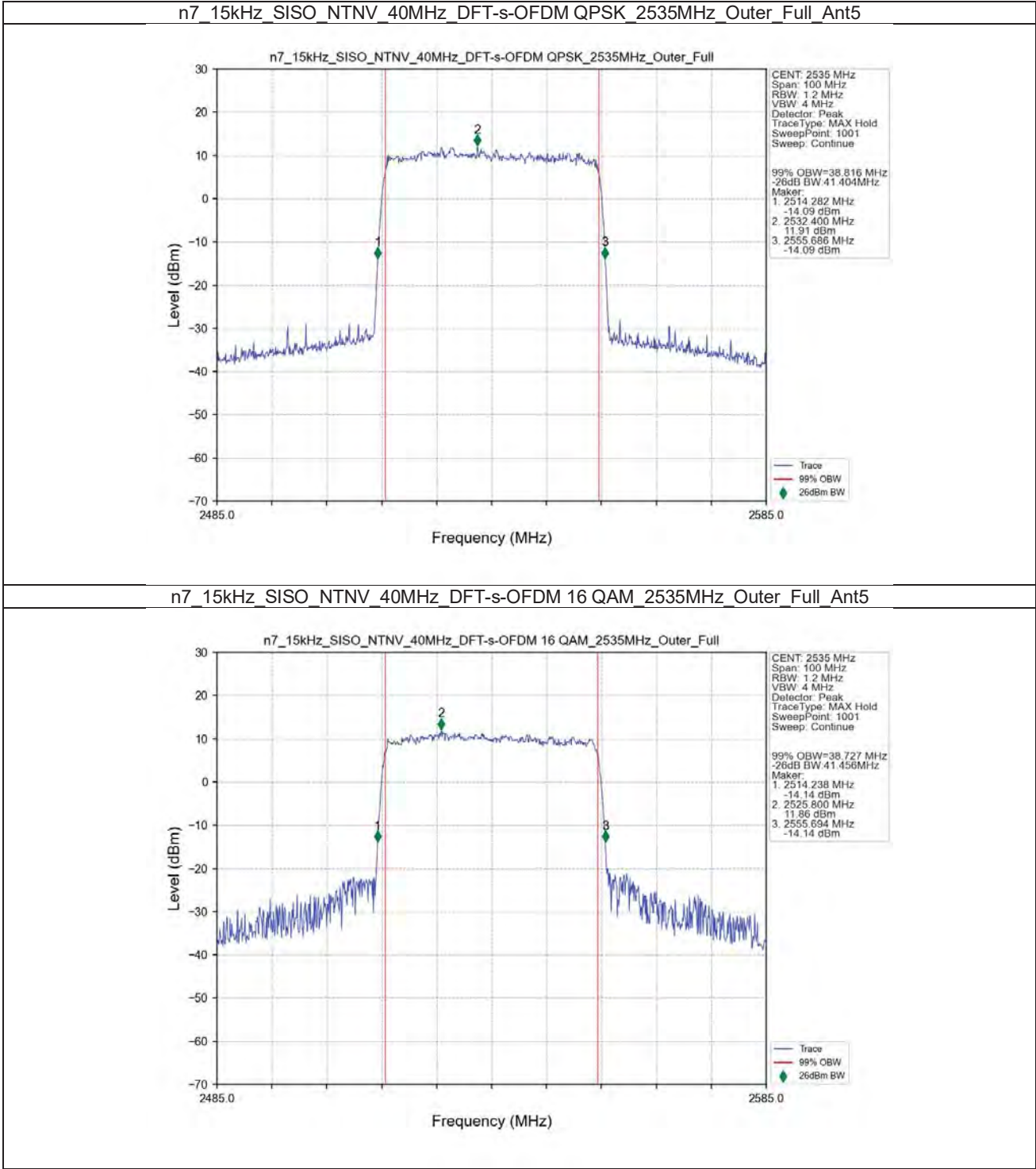
n7_15kHz_SISO_NTNV_35MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



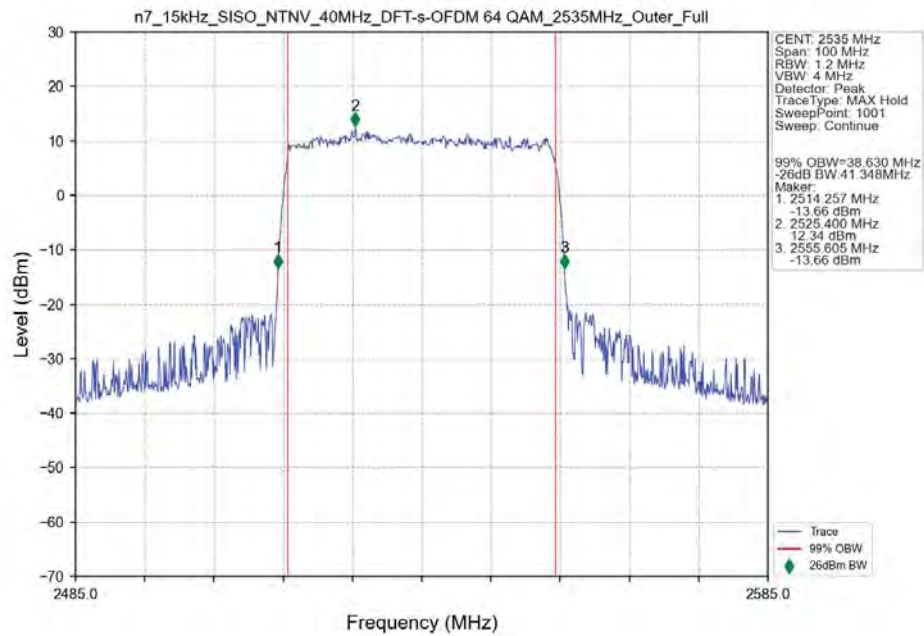
n7_15kHz_SISO_NTNV_35MHz_CP-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



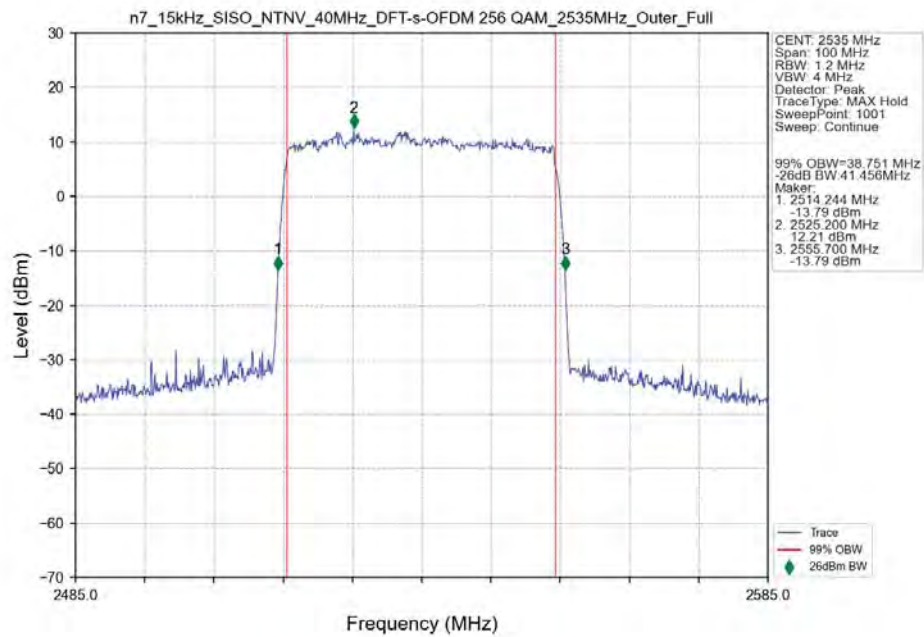
3.2.8 15_S_40M_NTNV



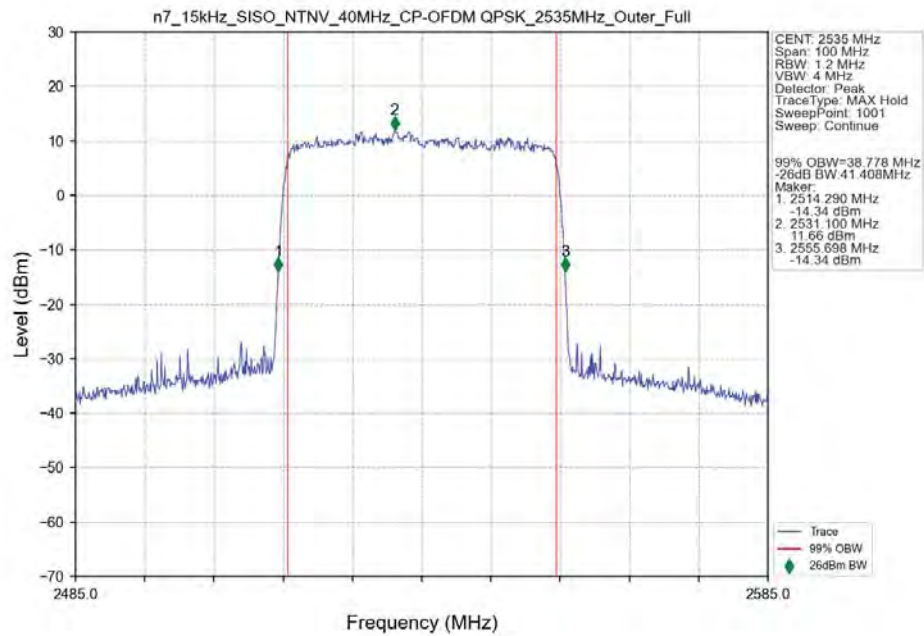
n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



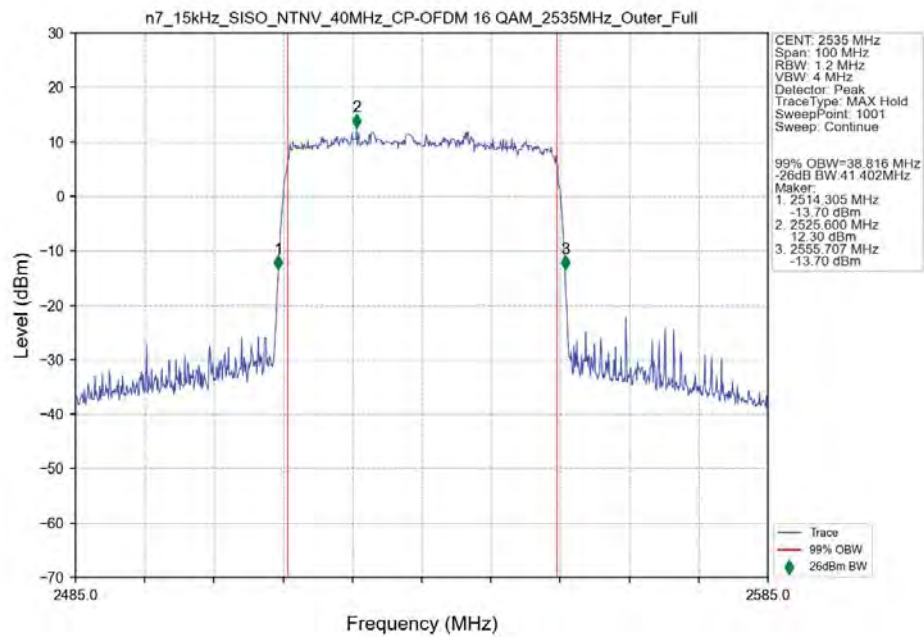
n7_15kHz_SISO_NTNV_40MHz_DFT-s-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



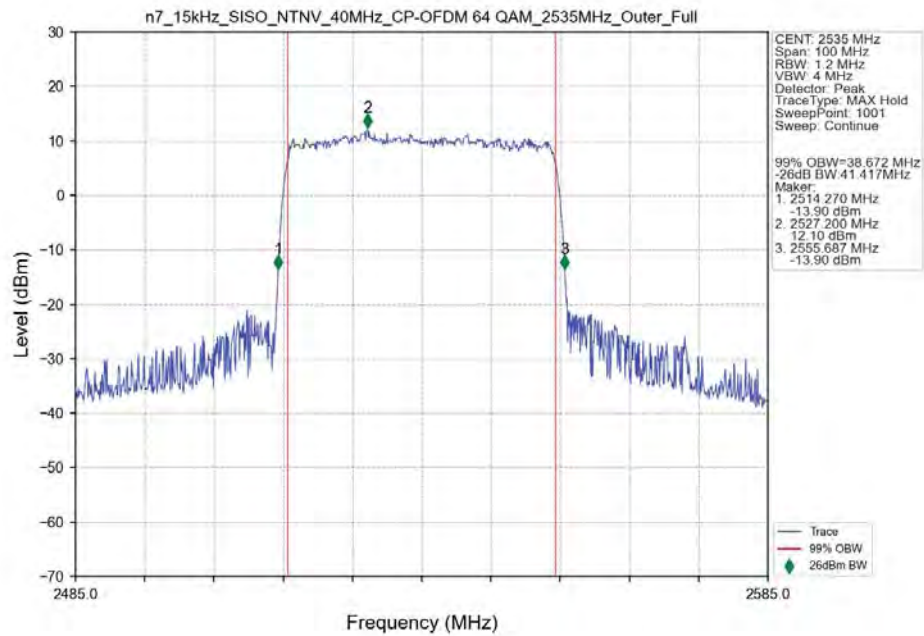
n7_15kHz_SISO_NTNV_40MHz_CP-OFDM QPSK 2535MHz_Outer_Full_Ant5



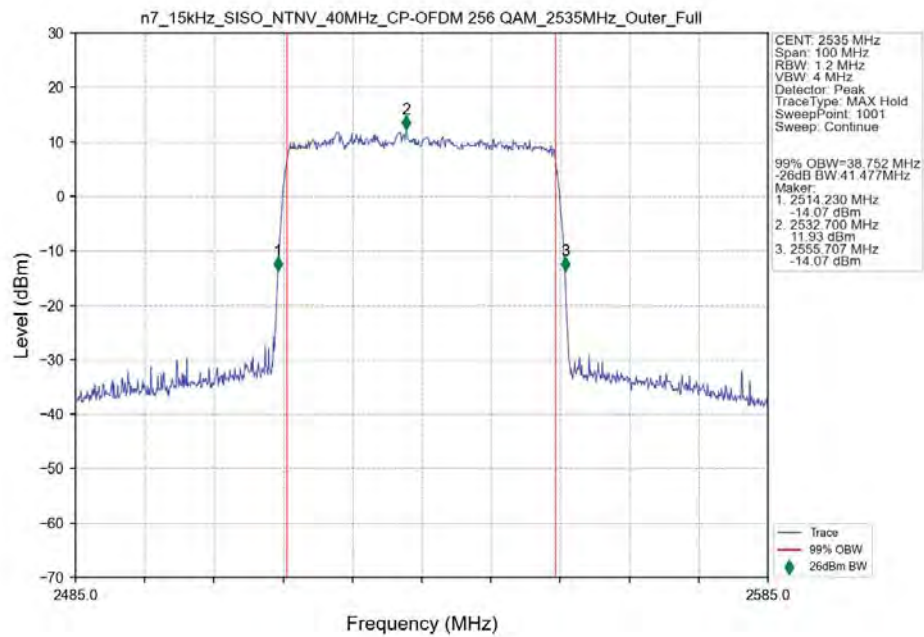
n7_15kHz_SISO_NTNV_40MHz_CP-OFDM 16 QAM 2535MHz_Outer_Full_Ant5



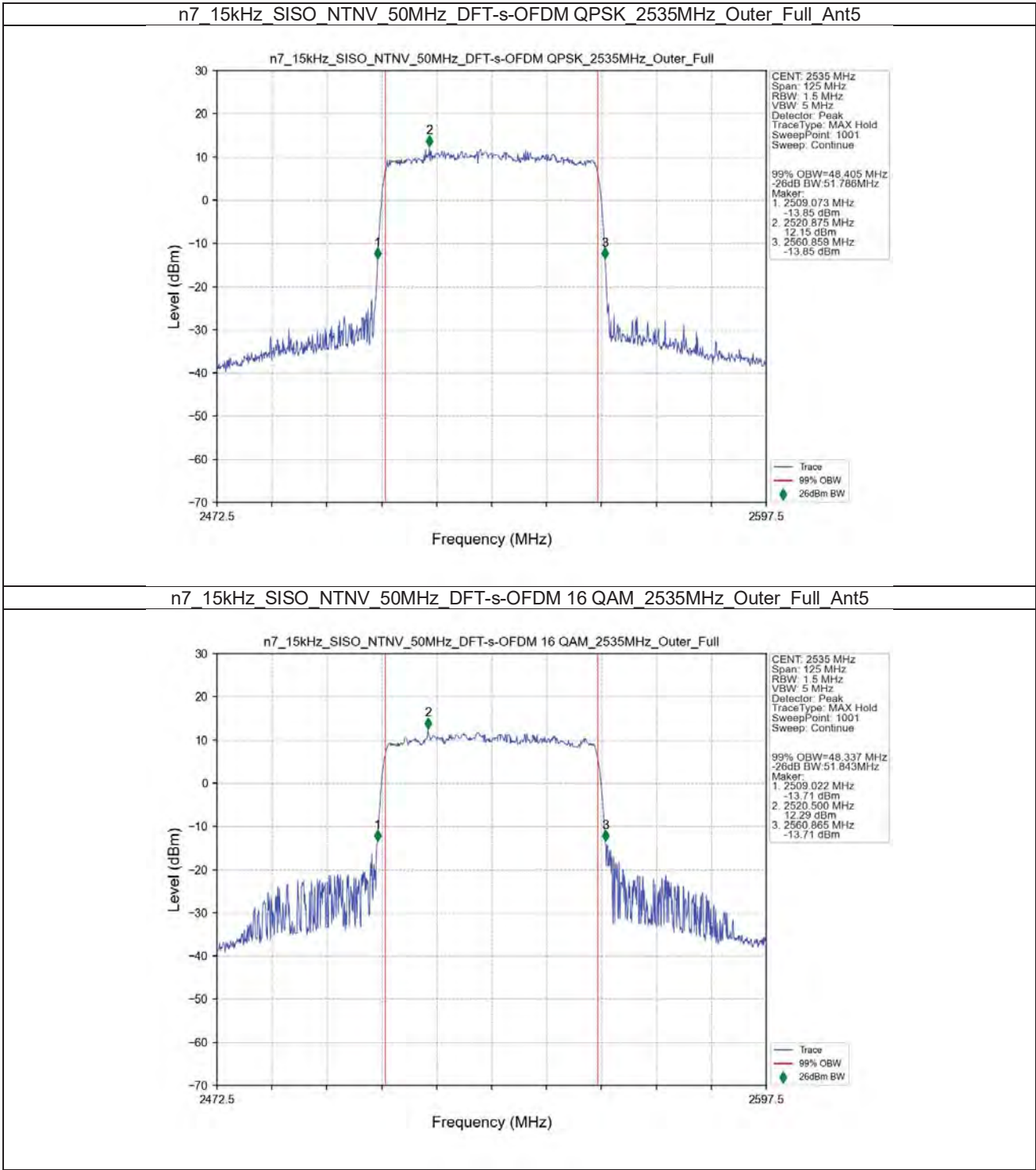
n7_15kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



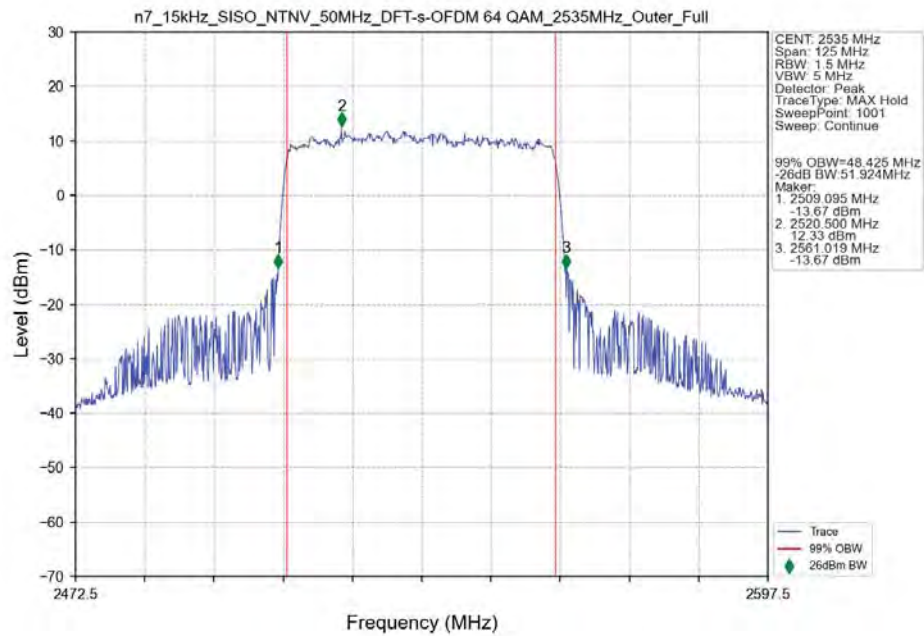
n7_15kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



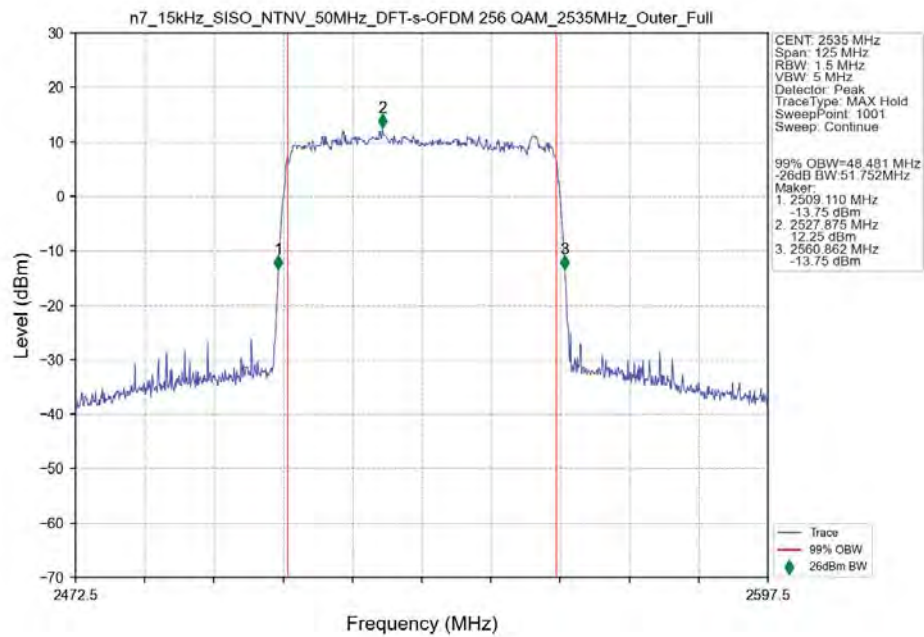
3.2.9 15_S_50M_NTNV



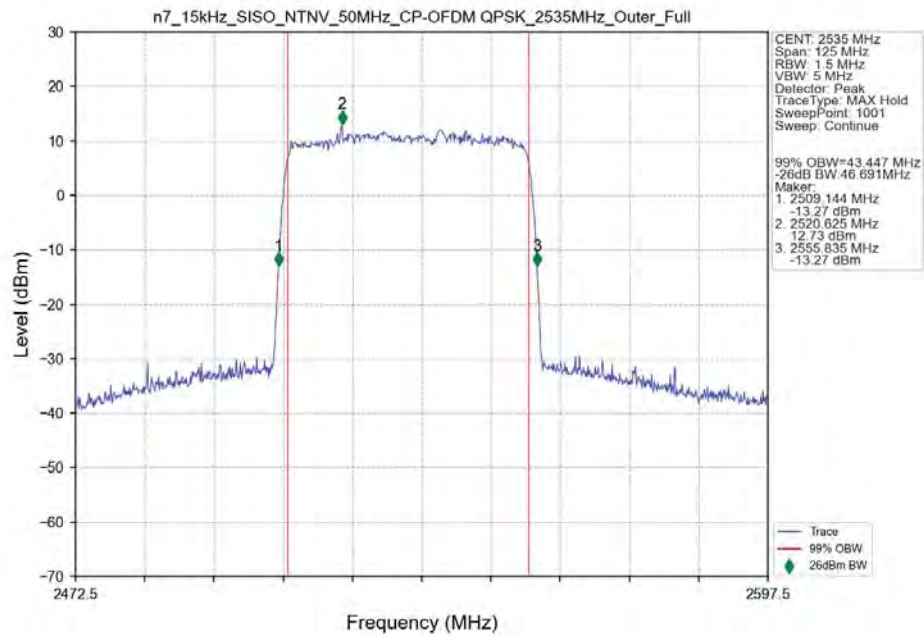
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



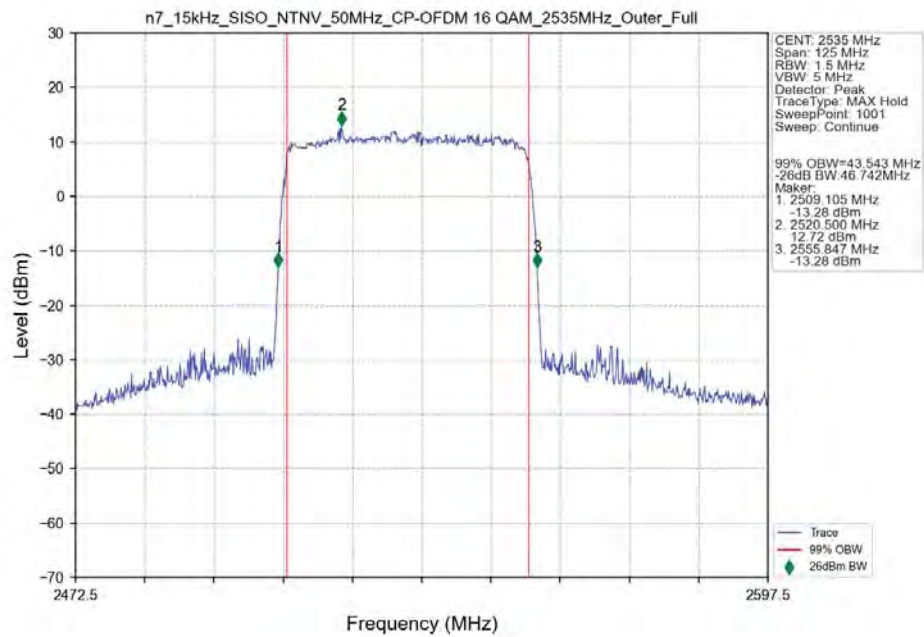
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



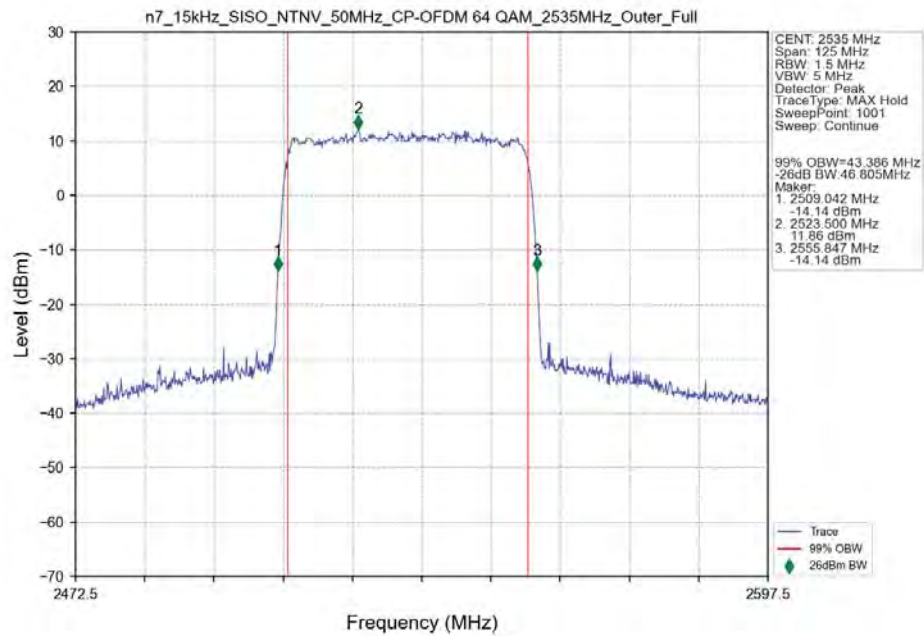
n7_15kHz_SISO_NTNV_50MHz_CP-OFDM QPSK_2535MHz_Outer_Full_Ant5



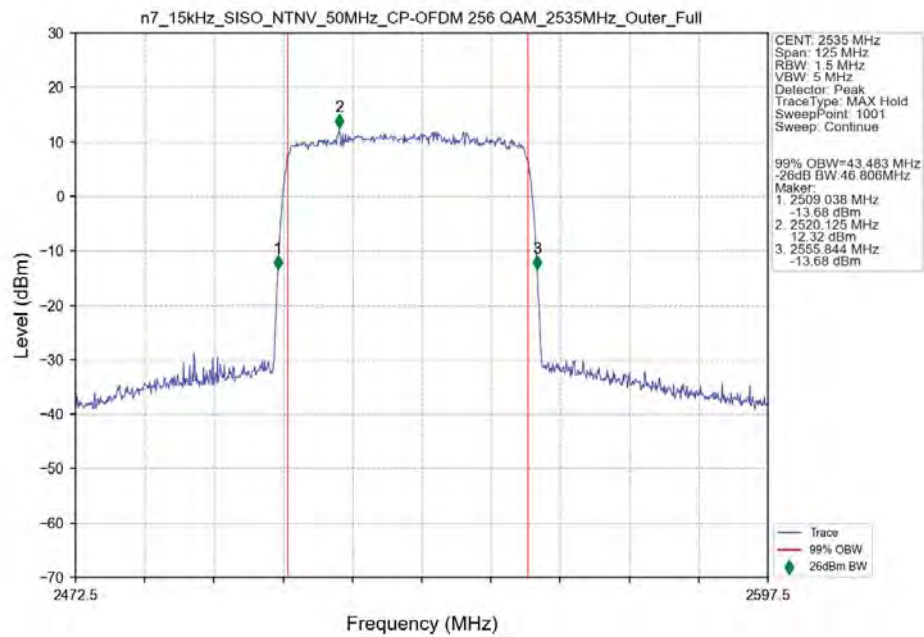
n7_15kHz_SISO_NTNV_50MHz_CP-OFDM 16 QAM_2535MHz_Outer_Full_Ant5



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM 64 QAM_2535MHz_Outer_Full_Ant5



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM 256 QAM_2535MHz_Outer_Full_Ant5



4. Peak-Average Ratio

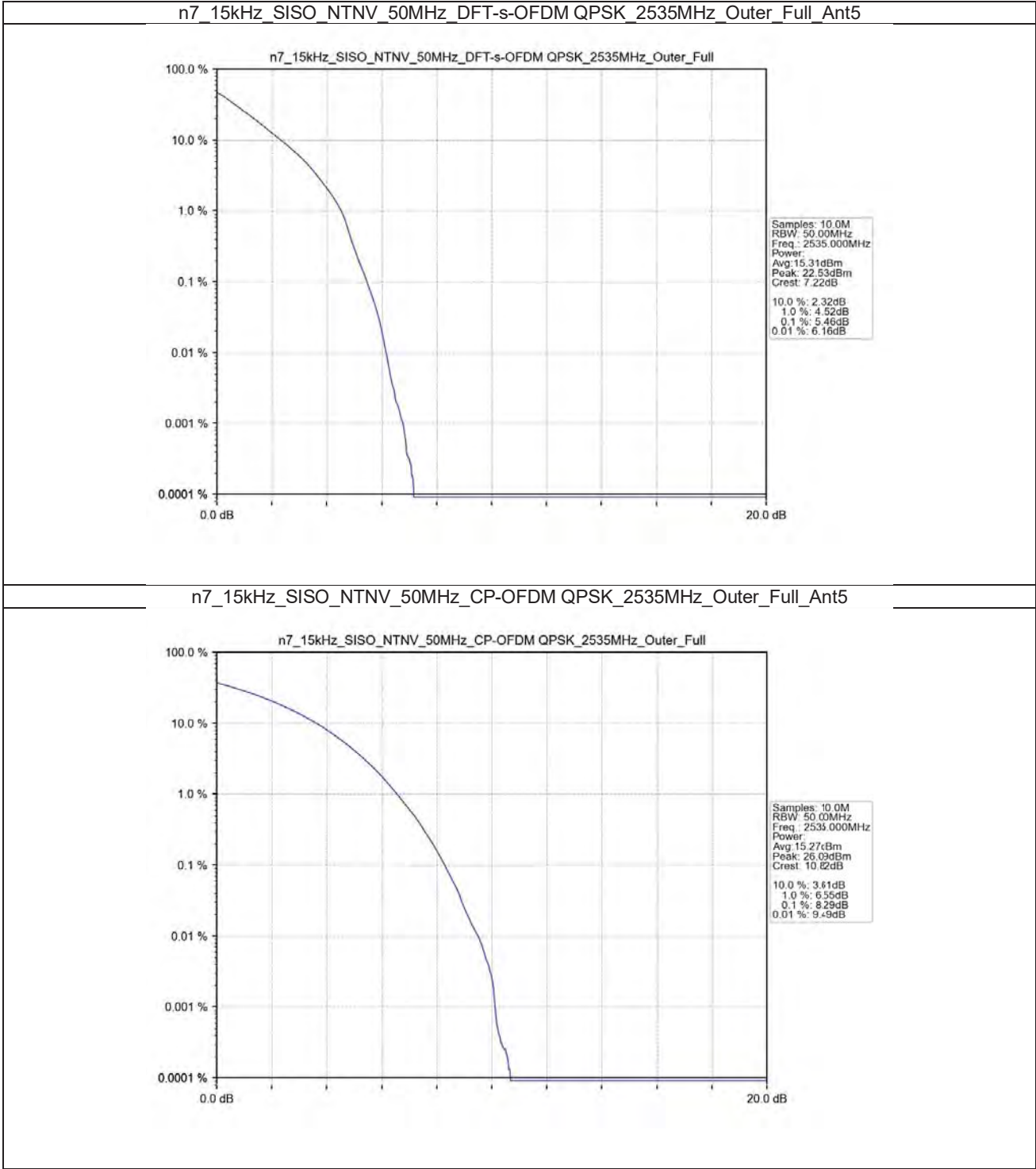
4.1 Test Result

4.1.1 15_S_50M_NTNV

5G NR n7 SCS=15kHz SISO 50MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2535	Outer_Full	5.46	/	/	<=13	Pass
CP-OFDM QPSK	2535	Outer_Full	8.29	/	/	<=13	Pass

4.2 Test Graph

4.2.1 15_S_50M_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 15_S_5M_NTNV

5G NR n7 SCS=15kHz SISO 5MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
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 15_S_25M_NTNV

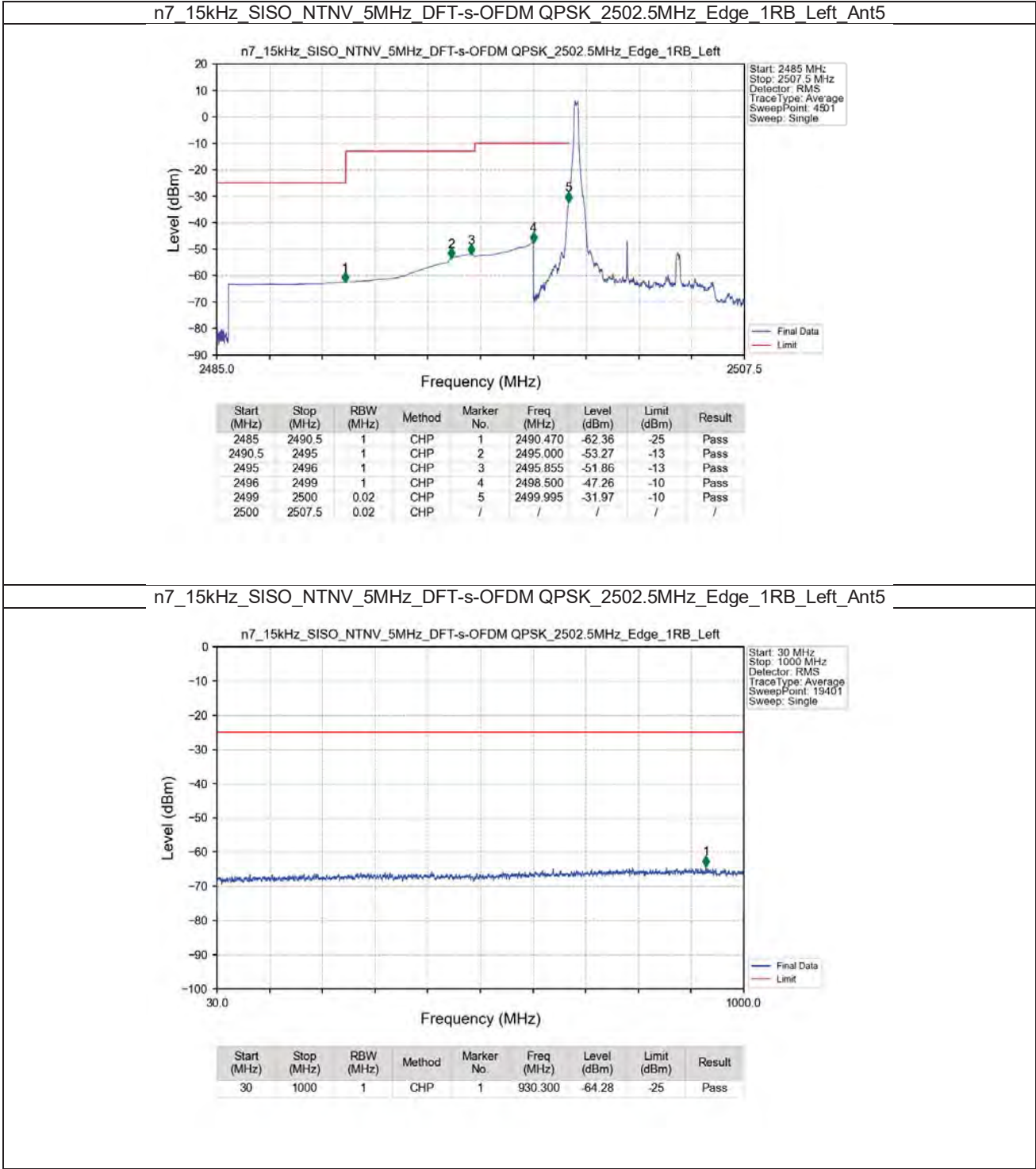
5G NR n7 SCS=15kHz SISO 25MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2512.5	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	2535	Edge 1RB Left	Refer To Test Graph				Pass
	2557.5	Edge 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 15_S_50M_NTNV

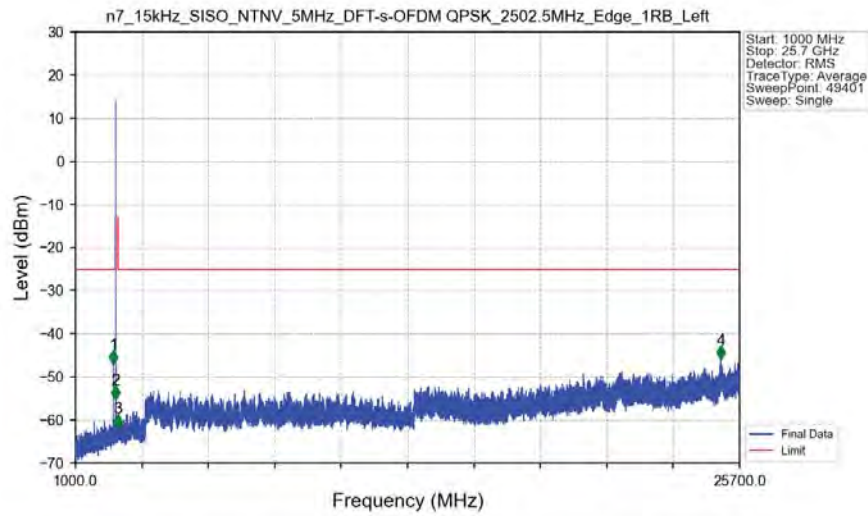
5G NR n7 SCS=15kHz SISO 50MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant5	Ant2	Sum	Limit	
DFT-s-OFDM QPSK	2525	Edge 1RB Left	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass
	2535	Edge 1RB Left	Refer To Test Graph				Pass
		Edge 1RB Right	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
		Edge 1RB Right	Refer To Test Graph				Pass
		Outer Full	Refer To Test Graph				Pass

5.2 Test Graph

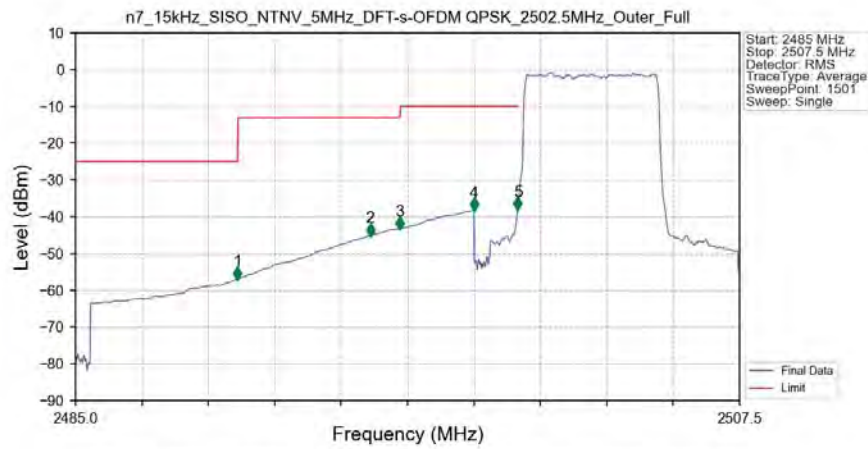
5.2.1 15_S_5M_NTNV



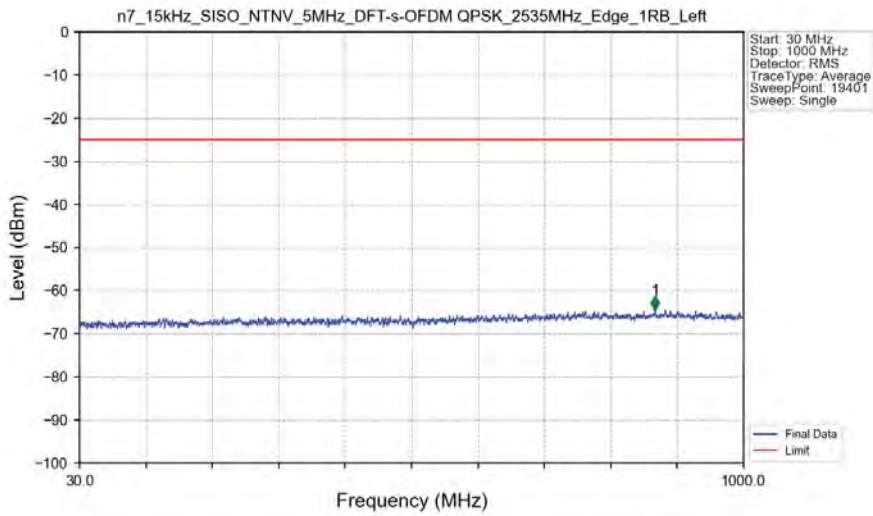
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2502.5MHz_Edge_1RB_Left Ant5



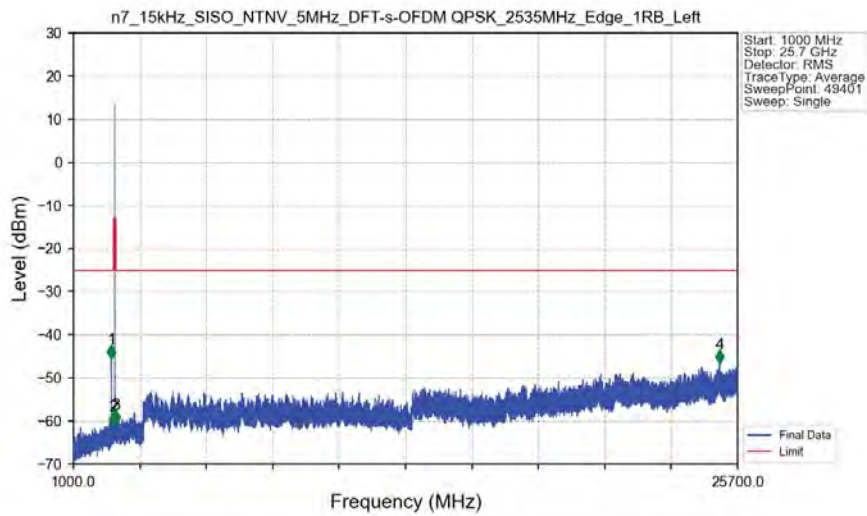
n7_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_QPSK_2502.5MHz_Outer_Full Ant5



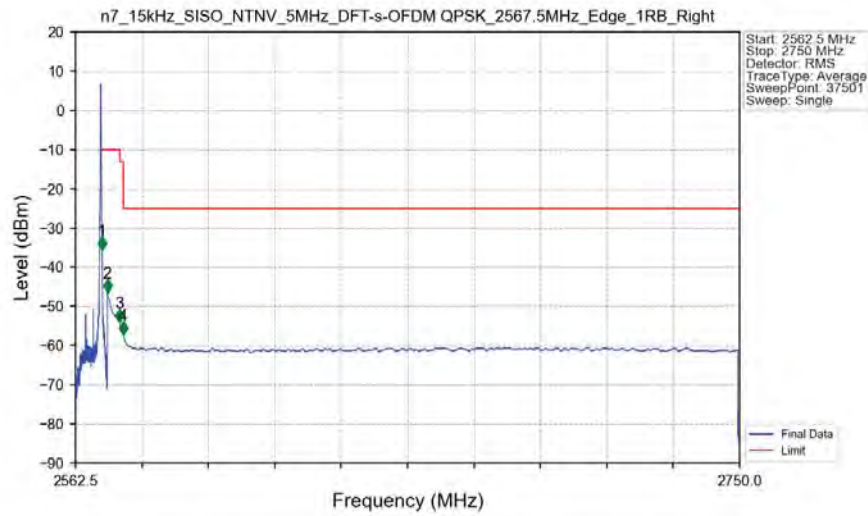
n7 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 2535MHz Edge 1RB Left Ant5



n7 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 2535MHz Edge 1RB Left Ant5

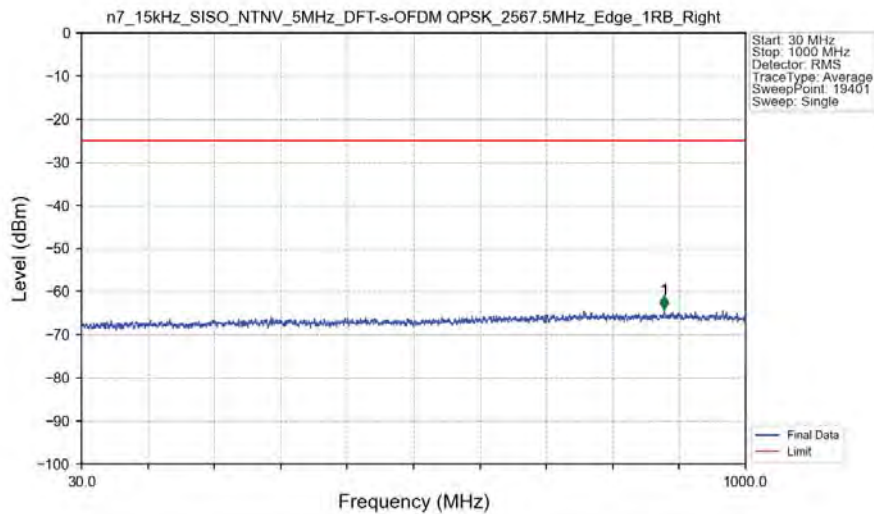


n7 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 2567.5MHz Edge 1RB Right Ant5



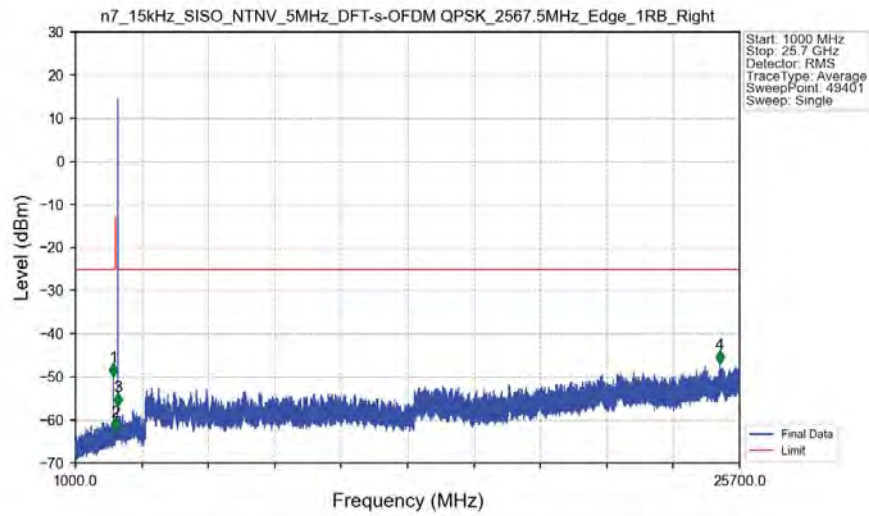
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-35.69	-10	Pass
2571	2575	1	CHP	2	2571.500	-46.44	-10	Pass
2575	2576	1	CHP	3	2575.005	-54.11	-13	Pass
2576	2750	1	CHP	4	2576.005	-57.32	-25	Pass

n7 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 2567.5MHz Edge 1RB Right Ant5



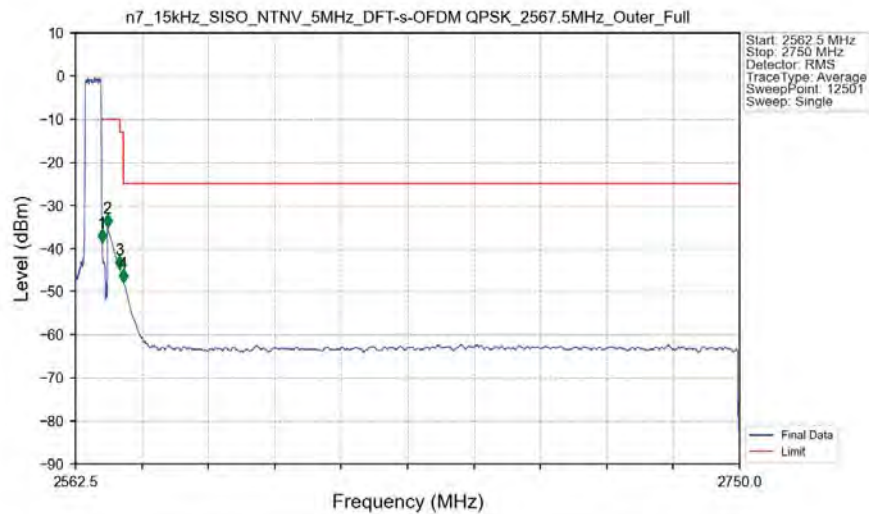
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	881.250	-64.07	-25	Pass

n7 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 2567.5MHz Edge 1RB Right Ant5



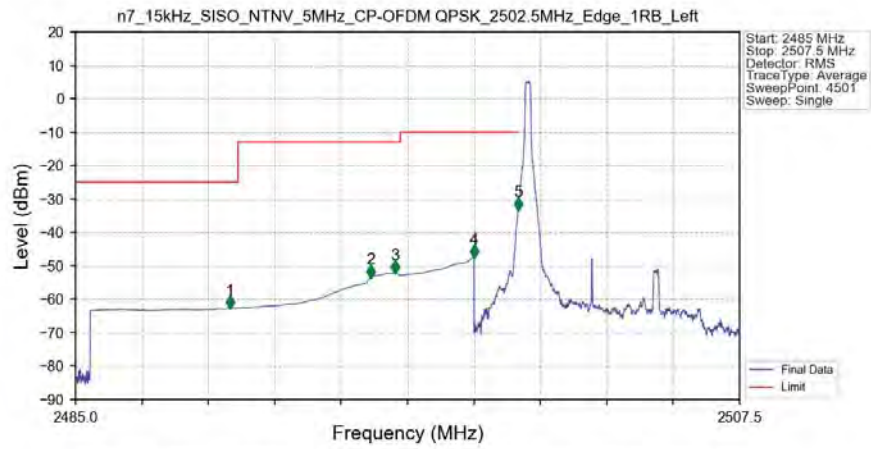
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2411.500	-49.89	-25	Pass
2490.5	2495	1	/	2	2491.000	-62.65	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2576.000	-56.84	-13	Pass
2576	25700	1	/	4	24959.500	-46.92	-25	Pass

n7 15kHz SISO NTN 5MHz DFT-s-OFDM QPSK 2567.5MHz Outer Full Ant5

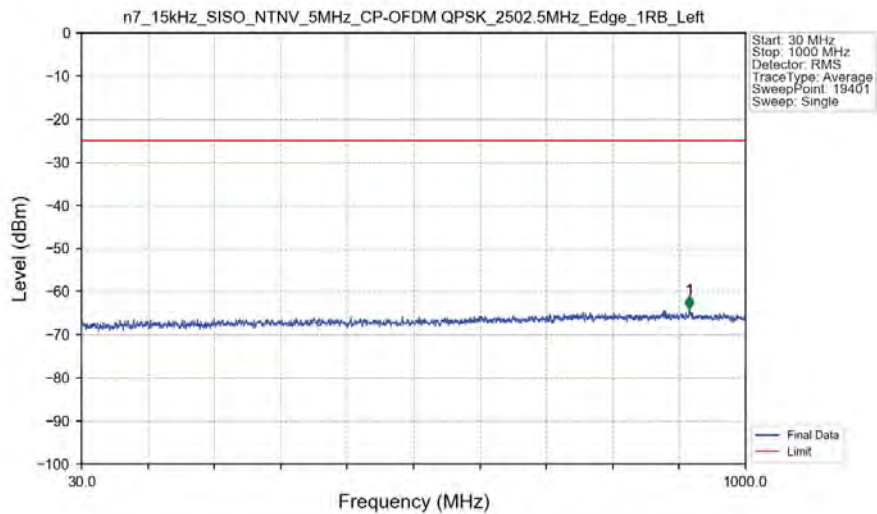


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.099	CHP	/	/	/	/	/
2570	2571	0.099	CHP	1	2570.015	-38.50	-10	Pass
2571	2575	1	CHP	2	2571.500	-35.20	-10	Pass
2575	2576	1	CHP	3	2575.010	-44.75	-13	Pass
2576	2750	1	CHP	4	2576.015	-47.87	-25	Pass

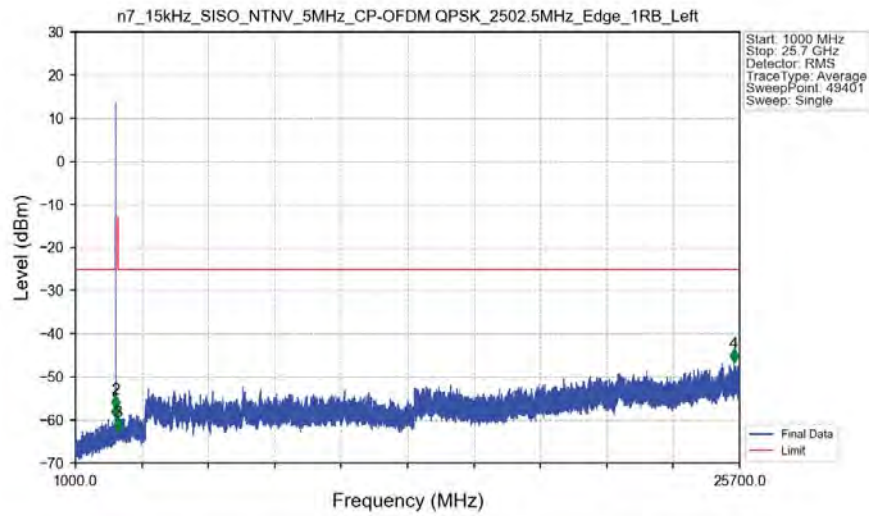
n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2502.5MHz_Edge_1RB_Left_Ant5



n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2502.5MHz_Edge_1RB_Left_Ant5

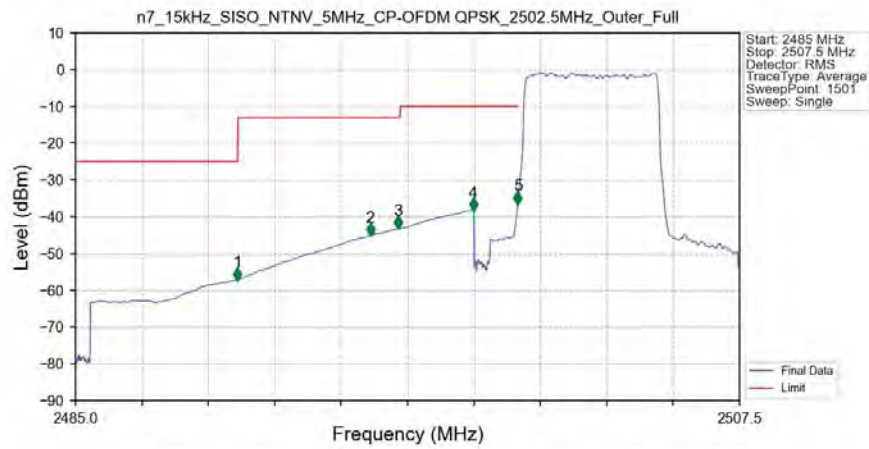


n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2502.5MHz_Edge_1RB_Left_Ant5



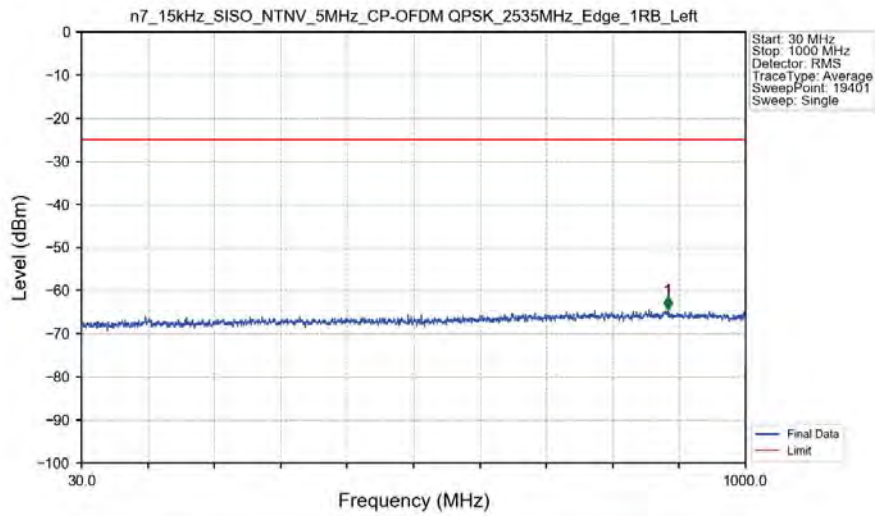
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2475.500	-59.52	-25	Pass
2490.5	2495	1	/	2	2494.500	-57.44	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2575.500	-62.67	-13	Pass
2576	25700	1	/	4	25482.500	-46.70	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2502.5MHz_Outer_Full_Ant5

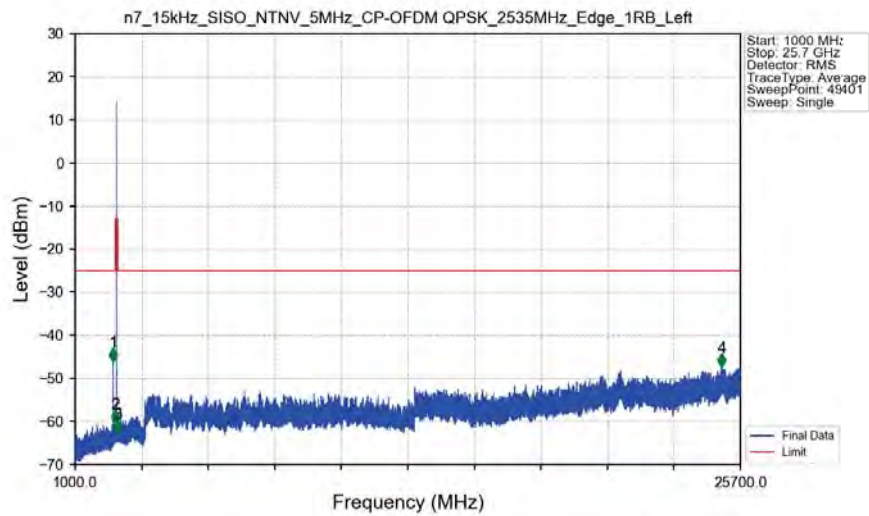


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.490	-57.10	-25	Pass
2490.5	2495	1	CHP	2	2494.990	-44.99	-13	Pass
2495	2496	1	CHP	3	2495.935	-43.16	-13	Pass
2496	2499	1	CHP	4	2498.485	-38.22	-10	Pass
2499	2500	0.099	CHP	5	2499.985	-36.37	-10	Pass
2500	2507.5	0.099	CHP	/	/	/	/	/

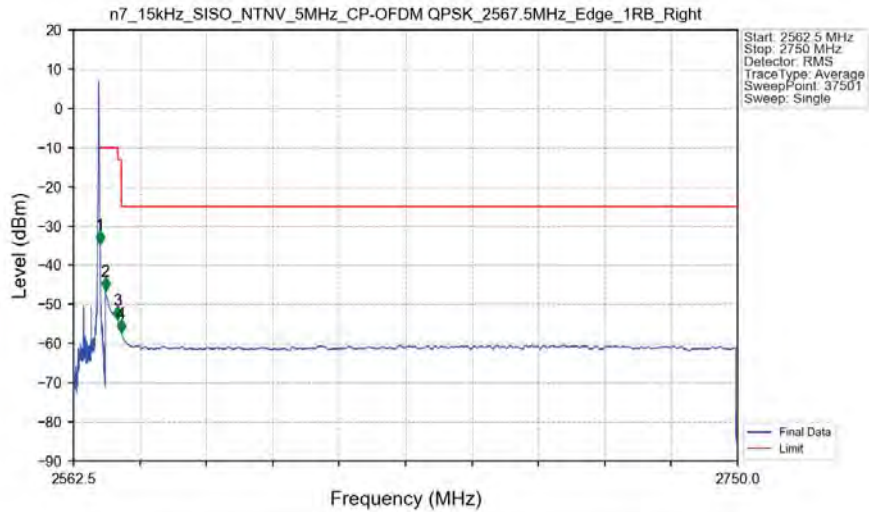
n7 15kHz SISO NTN 5MHz CP-OFDM QPSK 2535MHz Edge 1RB Left Ant5



n7 15kHz SISO NTN 5MHz CP-OFDM QPSK 2535MHz Edge 1RB Left Ant5

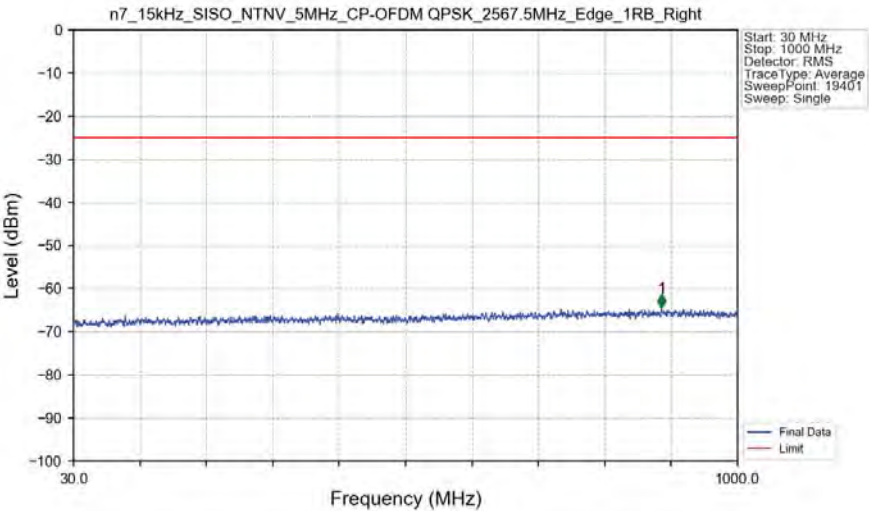


n7 15kHz SISO NTN 5MHz CP-OFDM QPSK 2567.5MHz Edge 1RB_Right Ant5



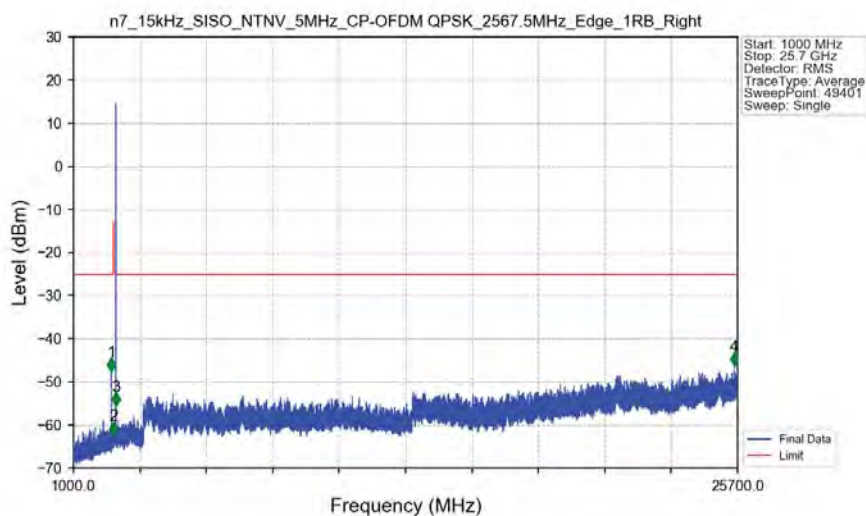
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-34.62	-10	Pass
2571	2575	1	CHP	2	2571.500	-46.43	-10	Pass
2575	2576	1	CHP	3	2575.005	-53.84	-13	Pass
2576	2750	1	CHP	4	2576.005	-57.24	-25	Pass

n7 15kHz SISO NTN 5MHz CP-OFDM QPSK 2567.5MHz Edge 1RB_Right Ant5



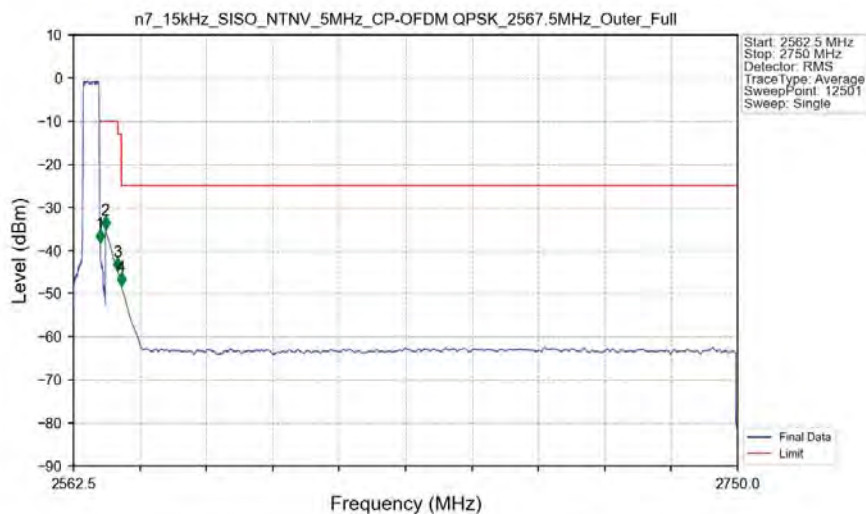
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	888.900	-64.44	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2567.5MHz_Edge_1RB_Right_Ant5



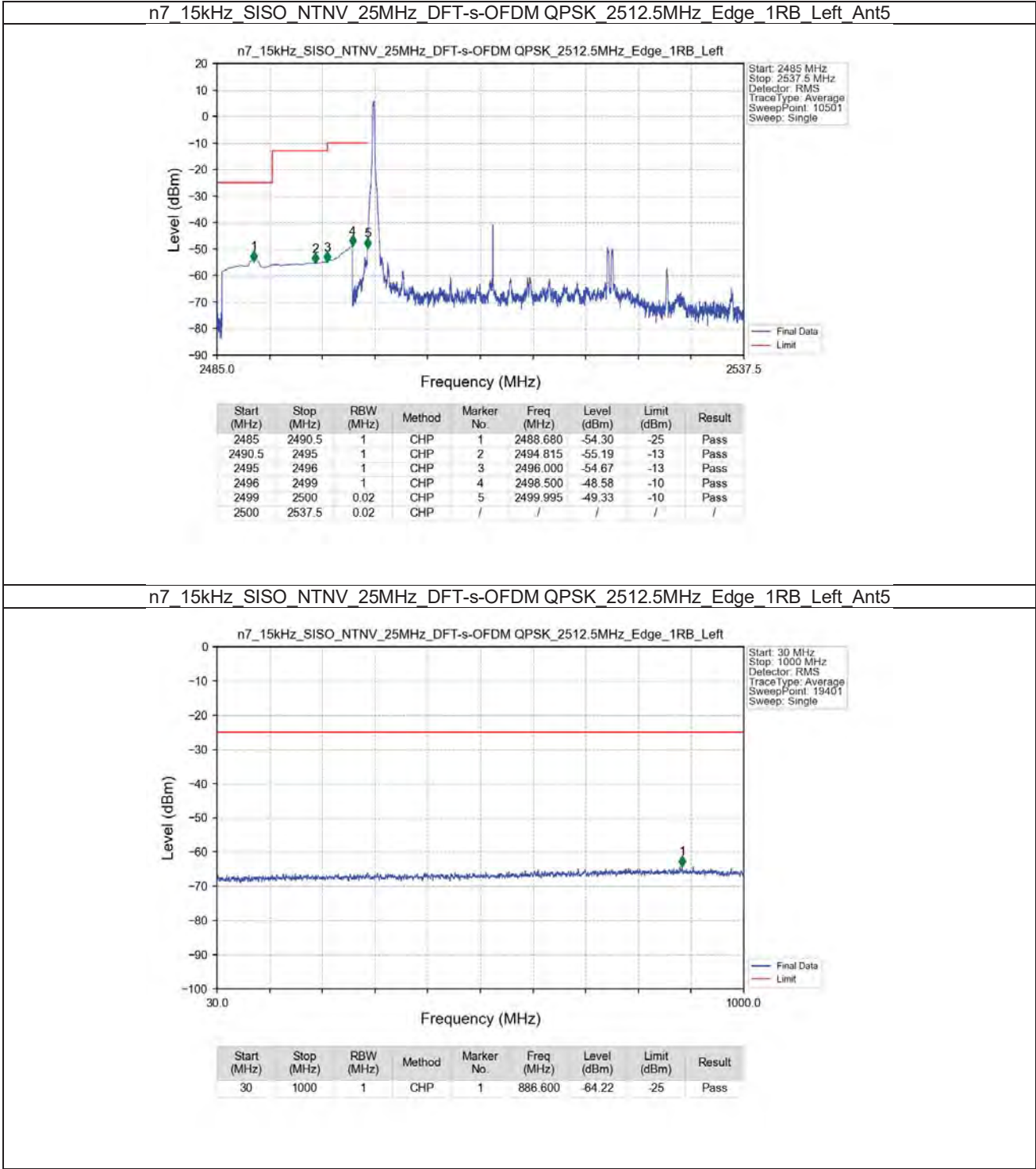
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2411.000	-47.52	-25	Pass
2490.5	2495	1	/	2	2491.500	-62.39	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2576	1	/	3	2575.500	-55.61	-13	Pass
2576	25700	1	/	4	25569.500	-46.31	-25	Pass

n7_15kHz_SISO_NTNV_5MHz_CP-OFDM_QPSK_2567.5MHz_Outer_Full_Ant5

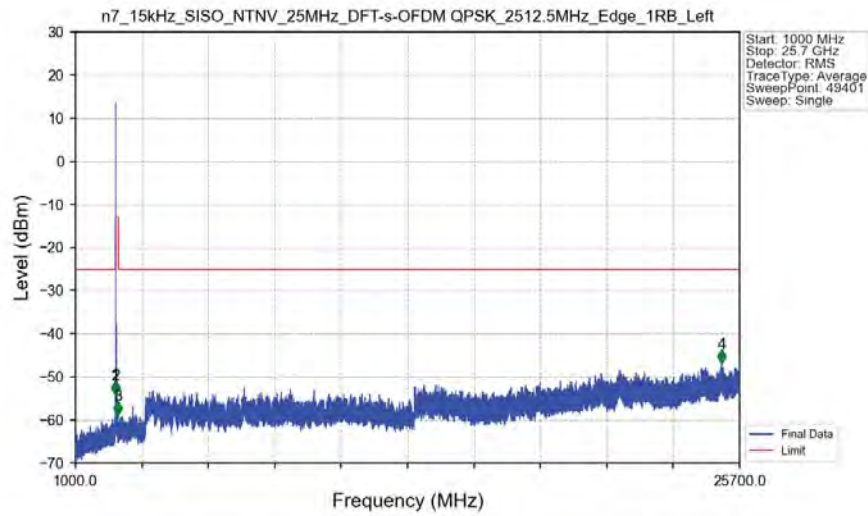


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.099	CHP	/	/	/	/	/
2570	2571	0.099	CHP	1	2570.015	-38.18	-10	Pass
2571	2575	1	CHP	2	2571.500	-35.13	-10	Pass
2575	2576	1	CHP	3	2575.010	-44.79	-13	Pass
2576	2750	1	CHP	4	2576.015	-48.30	-25	Pass

5.2.2 15_S_25M_NTNV

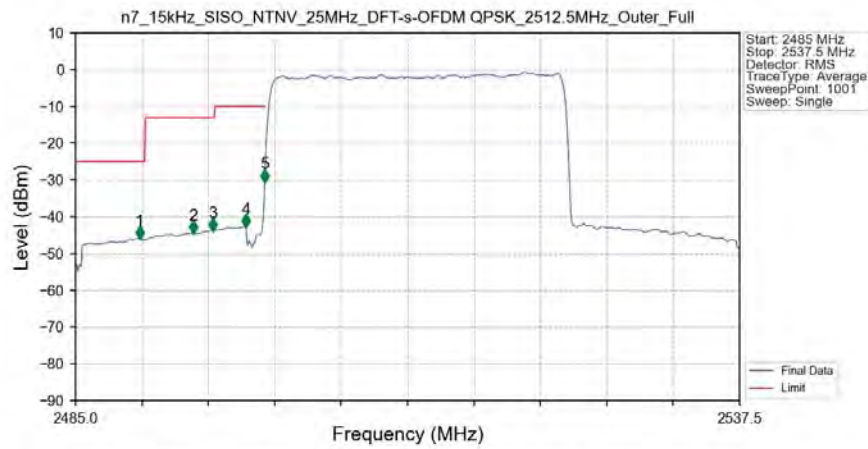


n7 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2512.5MHz Edge 1RB Left Ant5



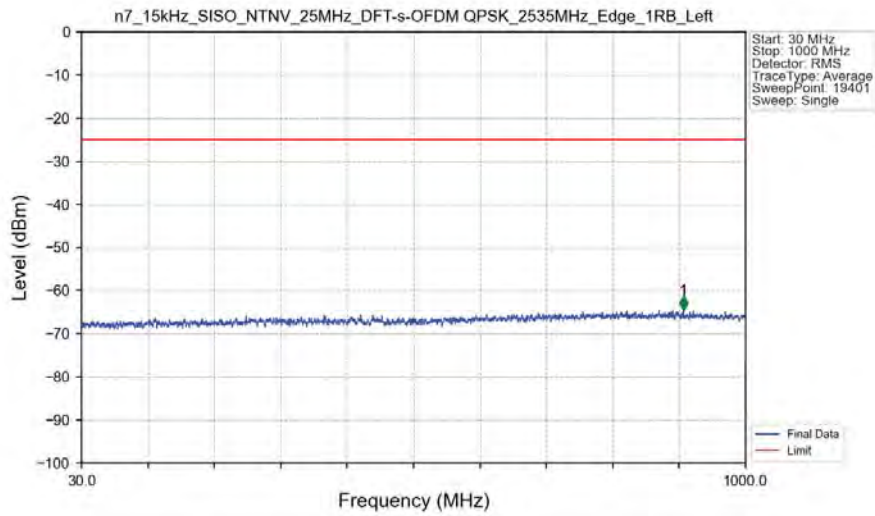
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2488.500	-54.11	-25	Pass
2490.5	2495	1	/	2	2492.500	-54.01	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2595	1	/	3	2585.500	-58.87	-13	Pass
2595	25700	1	/	4	25034.500	-46.79	-25	Pass

n7 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2512.5MHz Outer Full Ant5

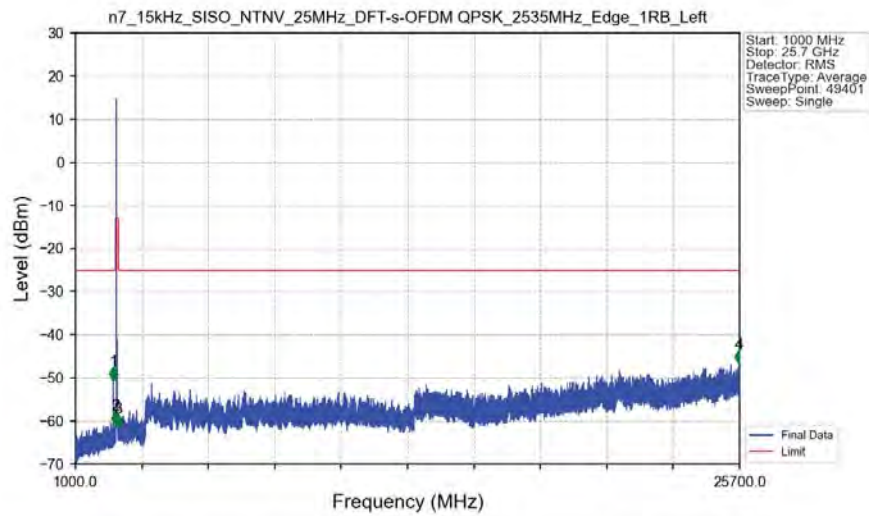


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.093	-45.94	-25	Pass
2490.5	2495	1	CHP	2	2494.293	-44.40	-13	Pass
2495	2496	1	CHP	3	2495.867	-43.70	-13	Pass
2496	2499	1	CHP	4	2498.492	-42.71	-10	Pass
2499	2500	0.493	CHP	5	2499.963	-30.38	-10	Pass
2500	2537.5	0.493	CHP	/	/	/	/	/

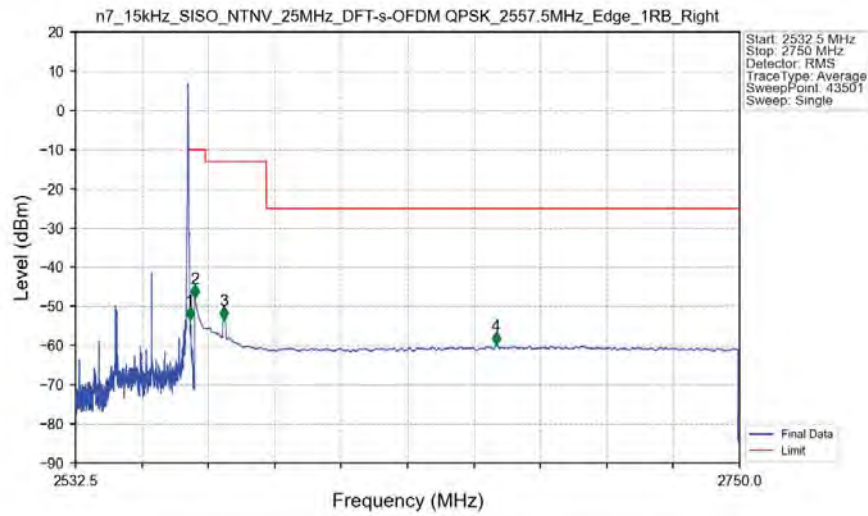
n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant5



n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant5

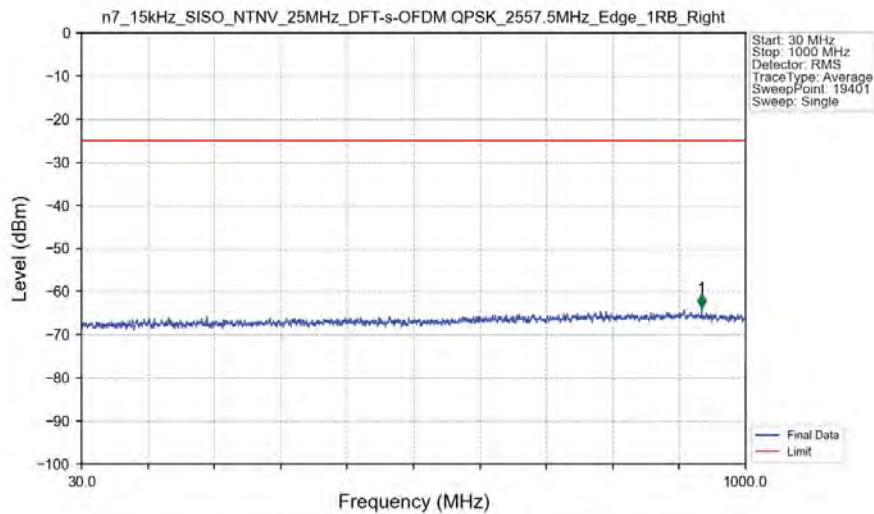


n7 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2557.5MHz Edge 1RB Right Ant5



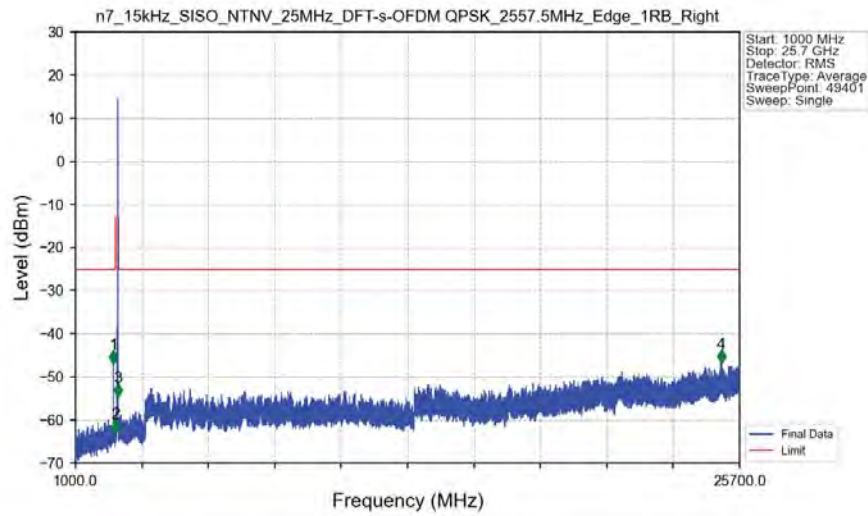
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2532.5	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.020	-53.52	-10	Pass
2571	2575	1	CHP	2	2571.500	-47.78	-10	Pass
2575	2595	1	CHP	3	2581.135	-53.39	-13	Pass
2595	2750	1	CHP	4	2670.235	-59.92	-25	Pass

n7 15kHz SISO NTN 25MHz DFT-s-OFDM QPSK 2557.5MHz Edge 1RB Right Ant5



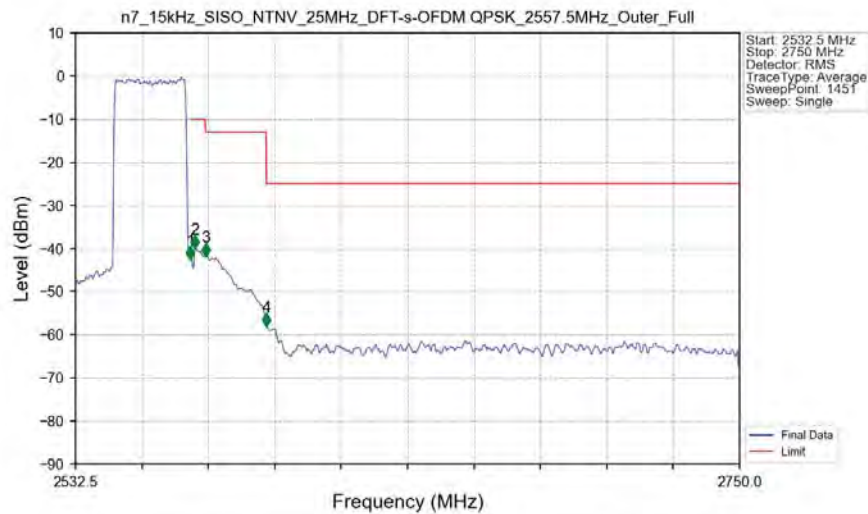
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	935.800	-63.63	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2557.5MHz_Edge_1RB_Right_Ant5



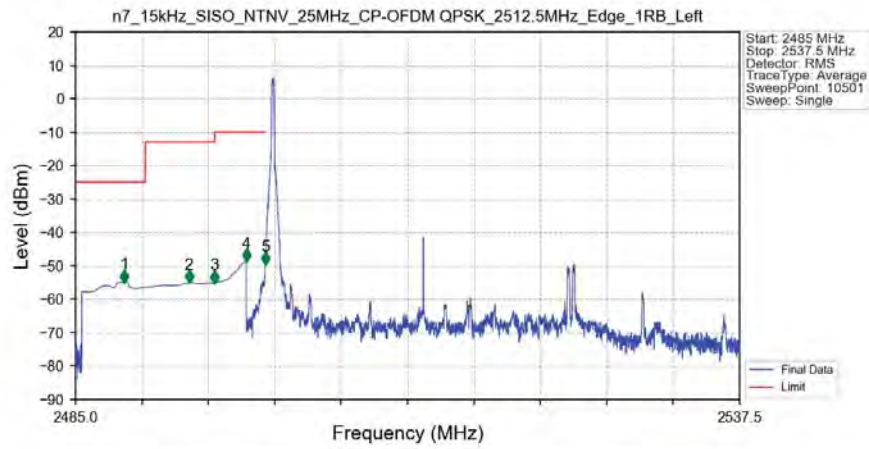
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2410.500	-47.00	-25	Pass
2490.5	2495	1	/	2	2493.000	-63.01	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2595	1	/	3	2576.000	-54.58	-13	Pass
2595	25700	1	/	4	25024.500	-46.86	-25	Pass

n7_15kHz_SISO_NTNV_25MHz_DFT-s-OFDM_QPSK_2557.5MHz_Outer_Full_Ant5

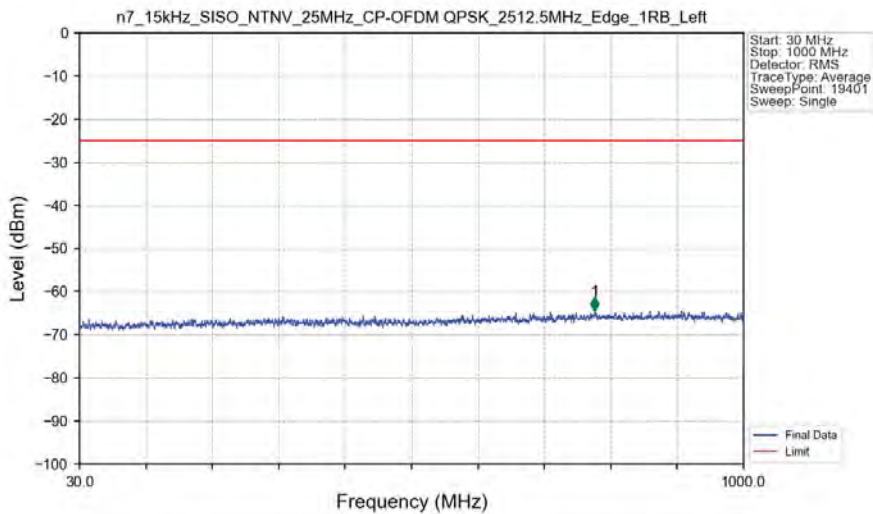


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2532.5	2570	0.493	CHP	/	/	/	/	/
2570	2571	0.493	CHP	1	2570.150	-42.56	-10	Pass
2571	2575	1	CHP	2	2571.500	-39.97	-10	Pass
2575	2595	1	CHP	3	2575.100	-41.78	-13	Pass
2595	2750	1	CHP	4	2595.050	-58.11	-25	Pass

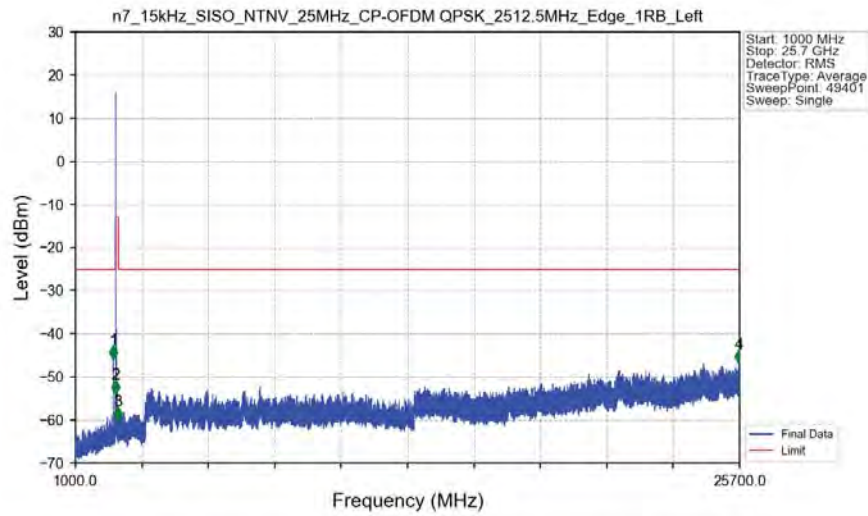
n7 15kHz SISO NTN 25MHz CP-OFDM QPSK 2512.5MHz Edge 1RB Left Ant5



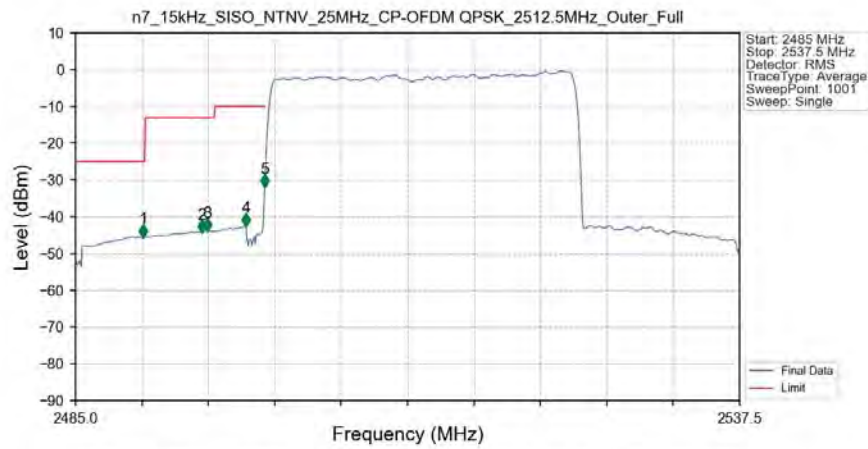
n7 15kHz SISO NTN 25MHz CP-OFDM QPSK 2512.5MHz Edge 1RB Left Ant5



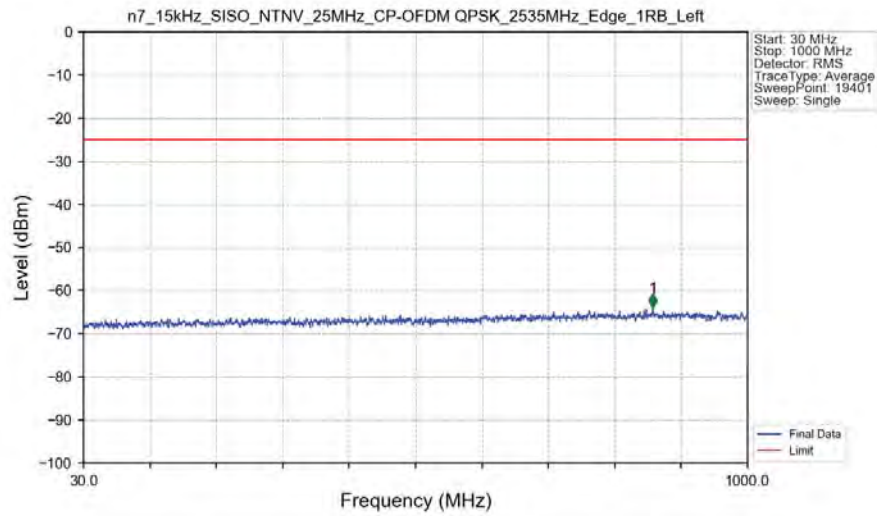
n7 15kHz SISO NTN 25MHz CP-OFDM QPSK 2512.5MHz Edge 1RB Left Ant5



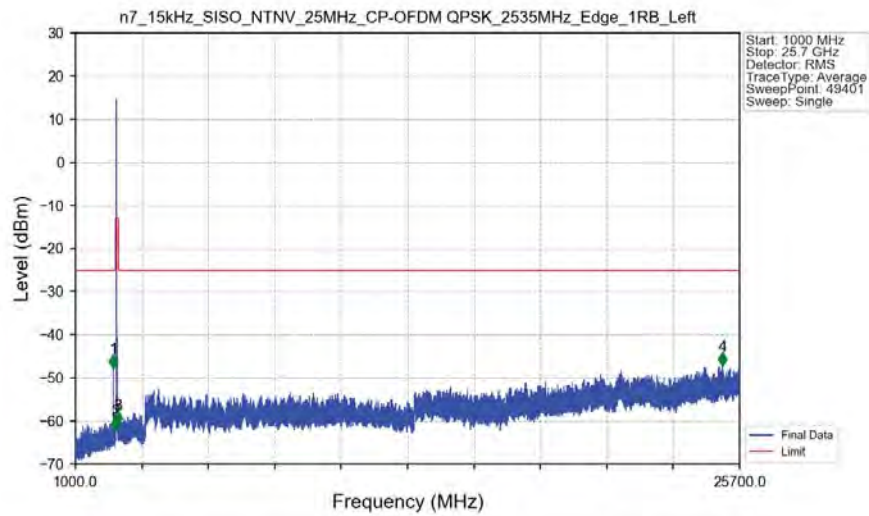
n7 15kHz SISO NTN 25MHz CP-OFDM QPSK 2512.5MHz Outer Full Ant5



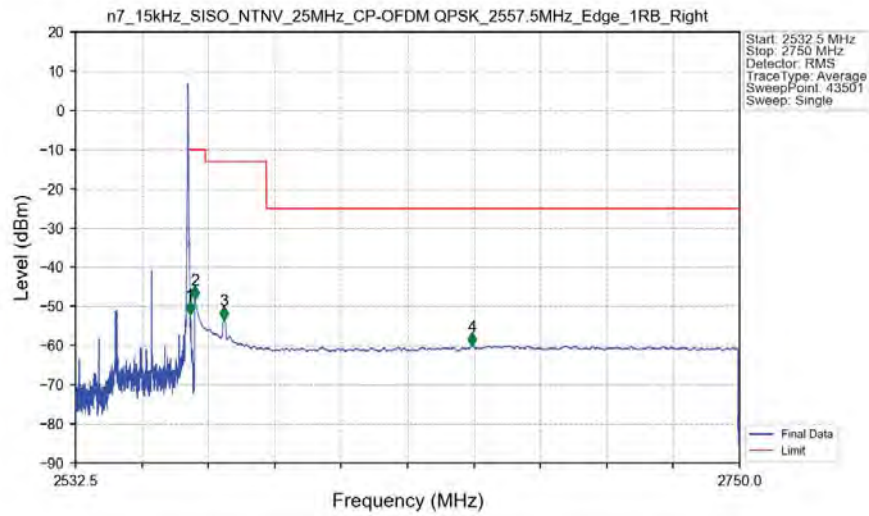
n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant5



n7_15kHz_SISO_NTNV_25MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant5

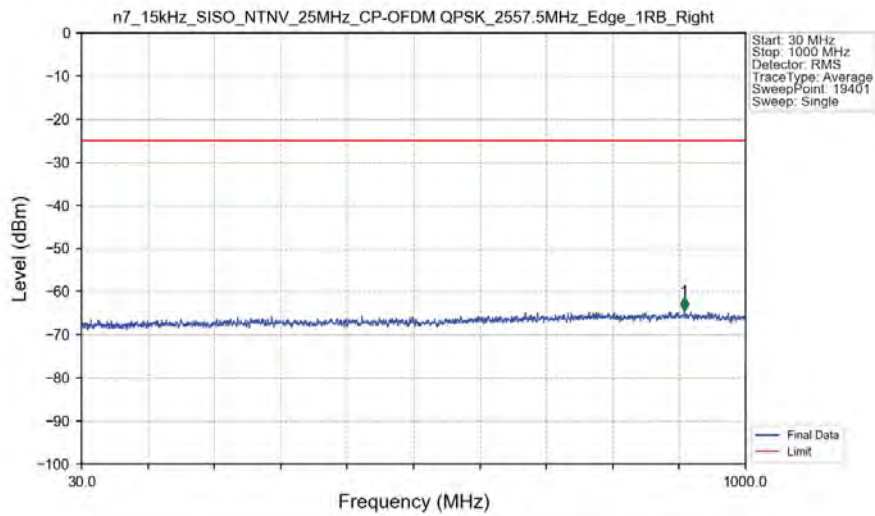


n7 15kHz SISO NTN 25MHz CP-OFDM QPSK 2557.5MHz Edge 1RB Right Ant5



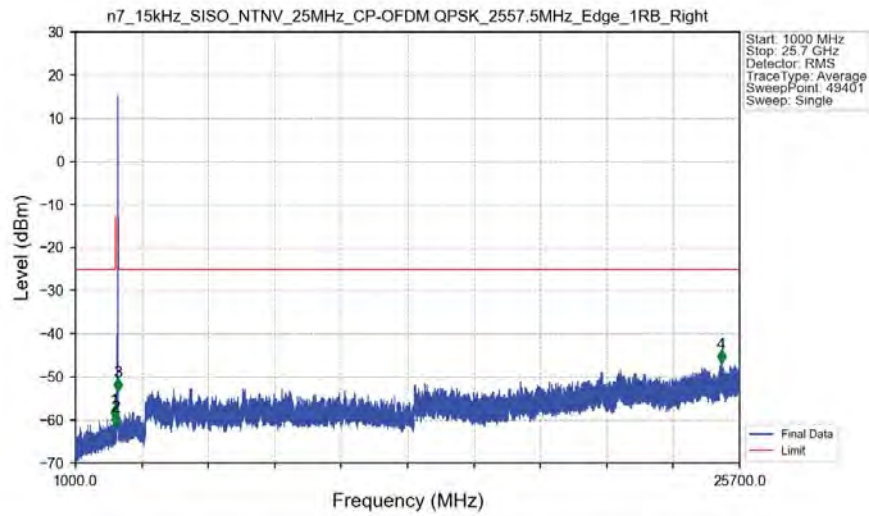
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2532.5	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-52.01	-10	Pass
2571	2575	1	CHP	2	2571.500	-48.32	-10	Pass
2575	2595	1	CHP	3	2581.085	-53.56	-13	Pass
2595	2750	1	CHP	4	2662.455	-60.00	-25	Pass

n7 15kHz SISO NTN 25MHz CP-OFDM QPSK 2557.5MHz Edge 1RB Right Ant5



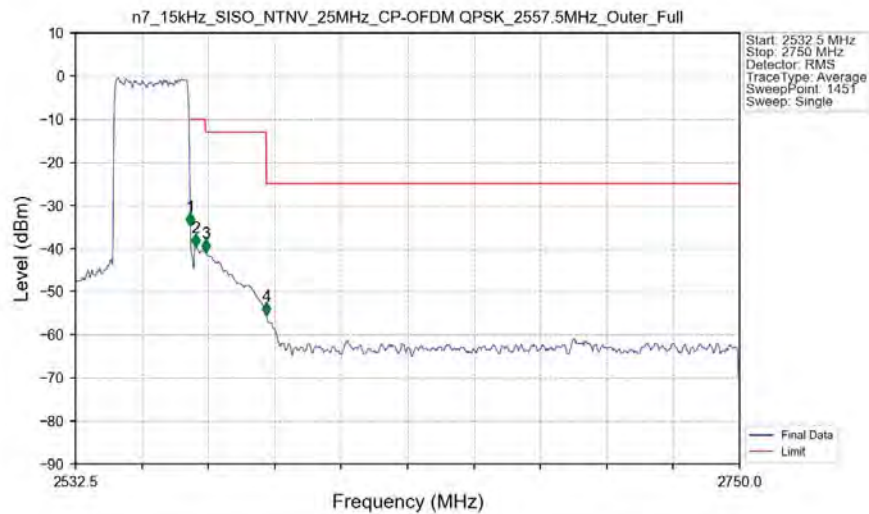
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	910.550	-64.50	-25	Pass

n7 15kHz SISO NTN 25MHz CP-OFDM QPSK 2557.5MHz Edge 1RB Right Ant5



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2446.500	-59.73	-25	Pass
2490.5	2495	1	/	2	2492.000	-61.43	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2595	1	/	3	2581.000	-53.31	-13	Pass
2595	25700	1	/	4	25016.500	-46.89	-25	Pass

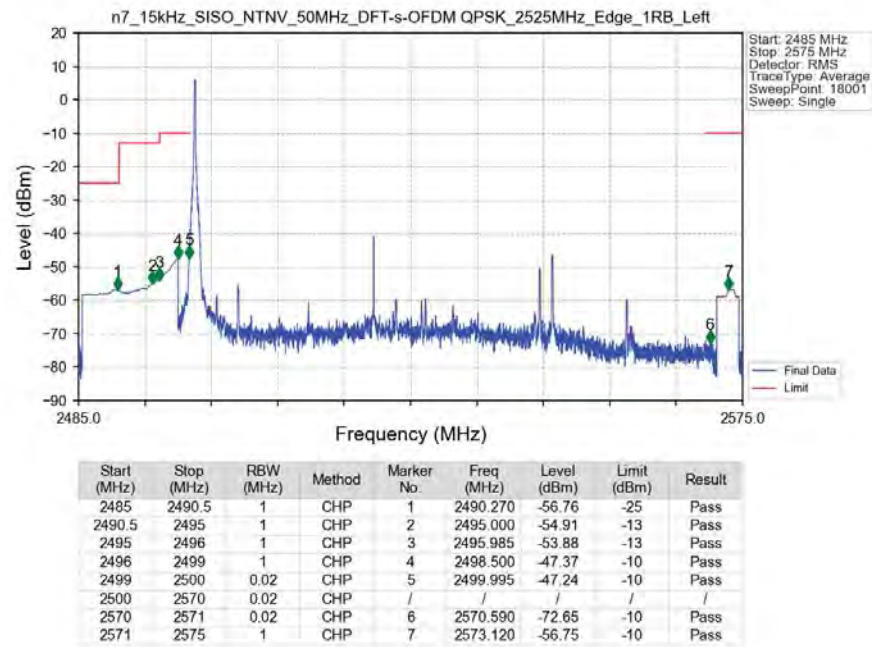
n7 15kHz SISO NTN 25MHz CP-OFDM QPSK 2557.5MHz Outer Full Ant5



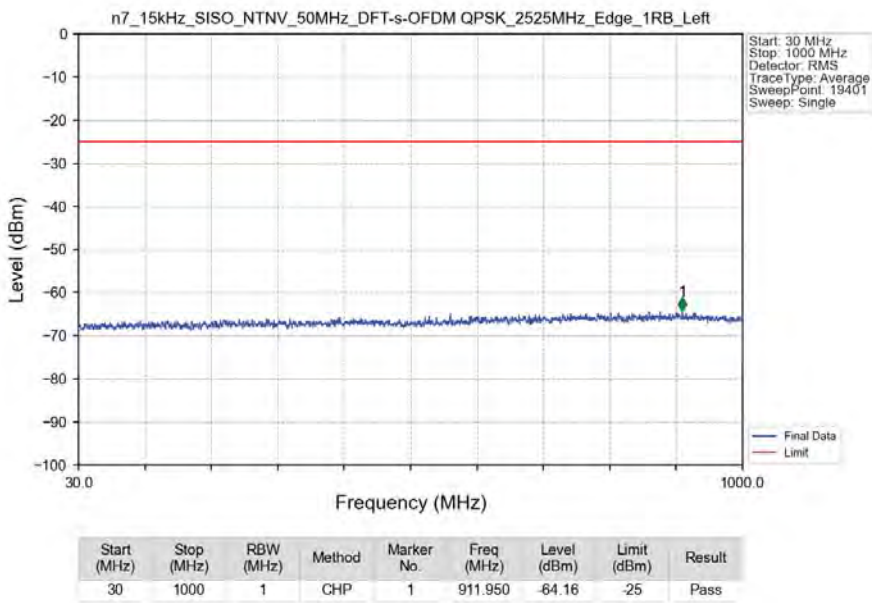
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2532.5	2570	0.493	CHP	/	/	/	/	/
2570	2571	0.493	CHP	1	2570.150	-34.83	-10	Pass
2571	2575	1	CHP	2	2571.800	-39.66	-10	Pass
2575	2595	1	CHP	3	2575.100	-40.95	-13	Pass
2595	2750	1	CHP	4	2595.050	-55.60	-25	Pass

5.2.3 15_S_50M_NTNV

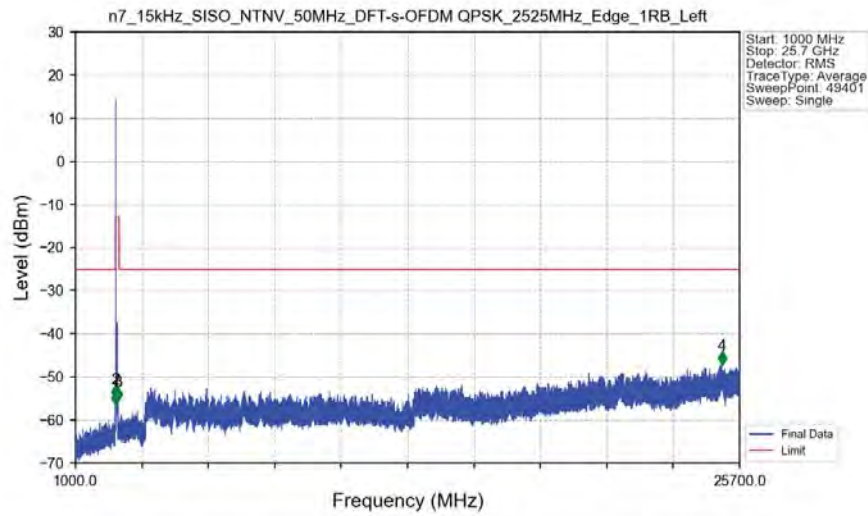
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Edge_1RB_Left_Ant5



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2525MHz_Edge_1RB_Left_Ant5

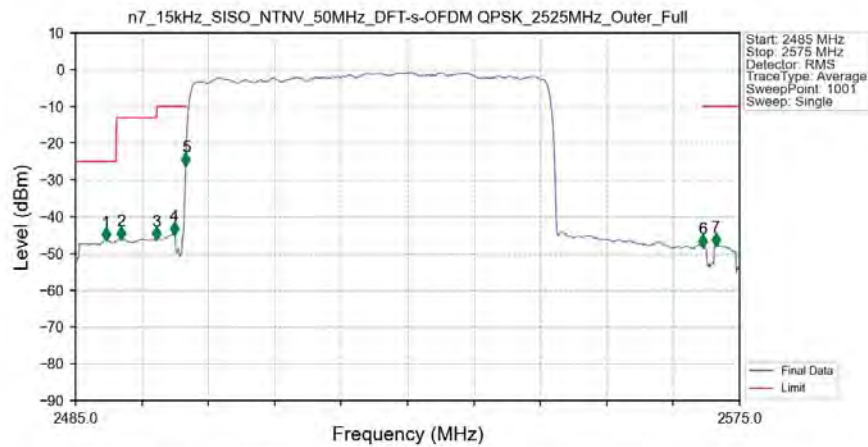


n7 15kHz SISO NTN 50MHz DFT-s-OFDM QPSK 2525MHz Edge 1RB Left Ant5



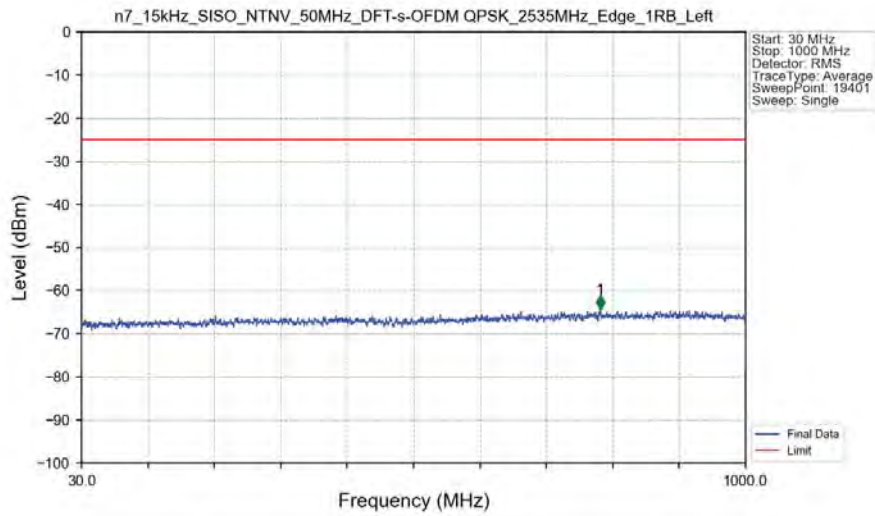
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2484.000	-56.47	-25	Pass
2490.5	2495	1	/	2	2493.000	-55.01	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2620	1	/	3	2579.000	-55.51	-13	Pass
2620	25700	1	/	4	25044.000	-47.22	-25	Pass

n7 15kHz SISO NTN 50MHz DFT-s-OFDM QPSK 2525MHz Outer Full Ant5

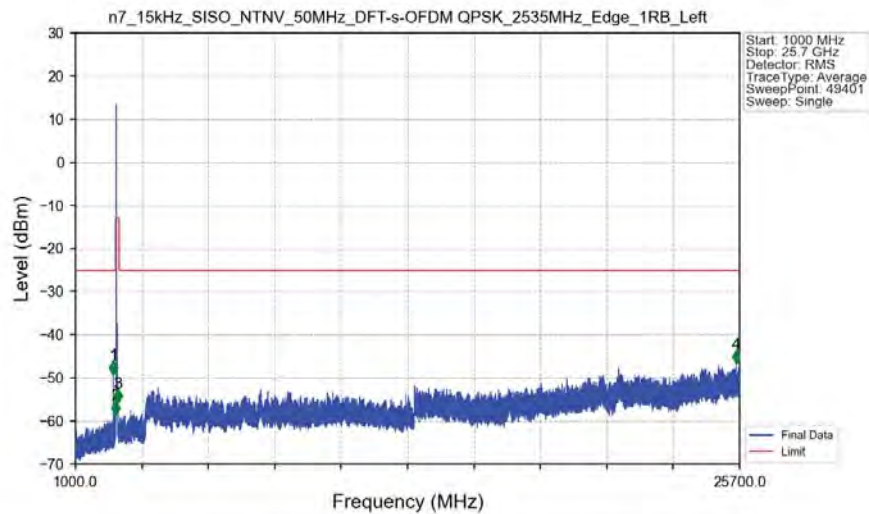


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.140	-46.37	-25	Pass
2490.5	2495	1	CHP	2	2491.210	-46.00	-13	Pass
2495	2496	1	CHP	3	2495.980	-46.15	-13	Pass
2496	2499	1	CHP	4	2498.410	-44.70	-10	Pass
2499	2500	0.936	CHP	5	2499.940	-25.91	-10	Pass
2500	2570	0.936	CHP	/	/	/	/	/
2570	2571	0.936	CHP	6	2570.050	-48.11	-10	Pass
2571	2575	1	CHP	7	2571.760	-47.72	-10	Pass

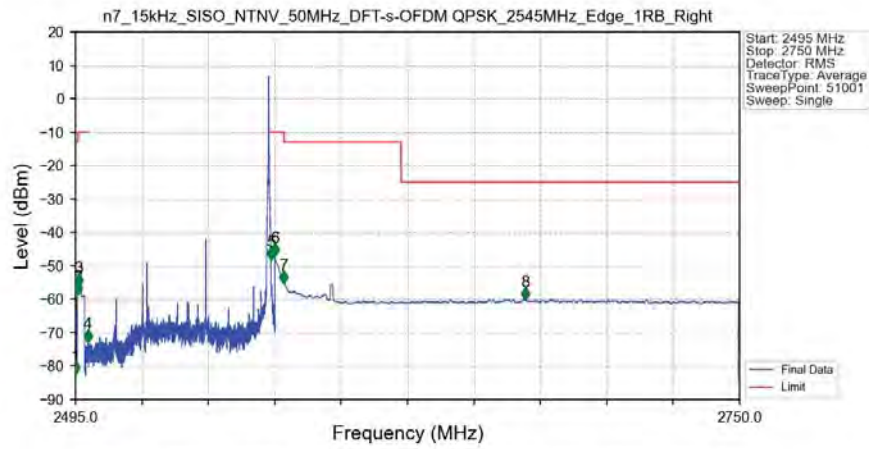
n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant5



n7_15kHz_SISO_NTNV_50MHz_DFT-s-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant5

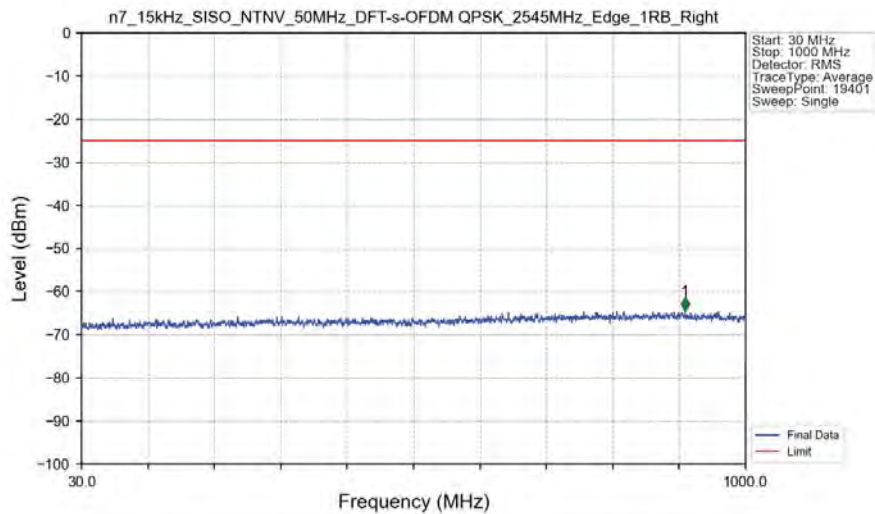


n7 15kHz SISO NTN 50MHz DFT-s-OFDM QPSK 2545MHz Edge 1RB Right Ant5



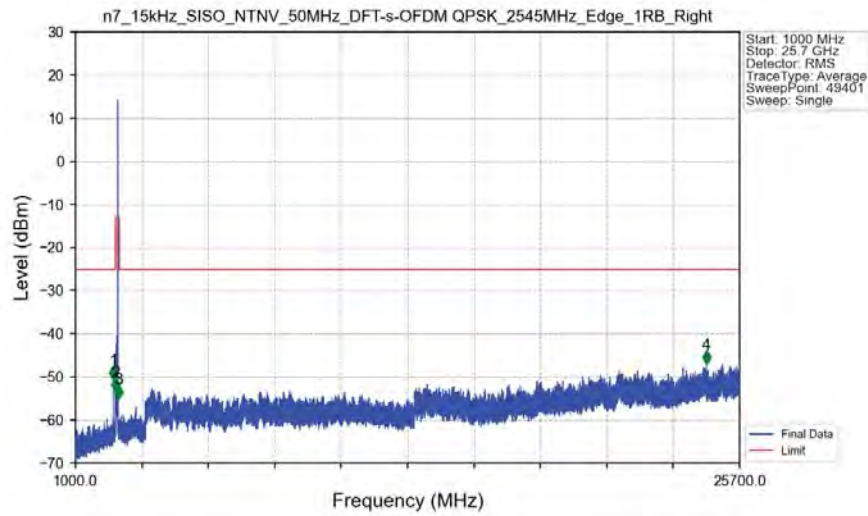
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2495	1	/	1	2495.000	-82.17	-13	Pass
2495	2496	1	CHP	2	2496.000	-58.48	-13	Pass
2496	2499	1	CHP	3	2496.275	-55.96	-10	Pass
2499	2500	0.02	CHP	4	2499.810	-72.59	-10	Pass
2500	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	5	2570.020	-48.02	-10	Pass
2571	2575	1	CHP	6	2571.500	-46.84	-10	Pass
2575	2620	1	CHP	7	2575.005	-55.06	-13	Pass
2620	2750	1	CHP	8	2667.605	-59.98	-25	Pass

n7 15kHz SISO NTN 50MHz DFT-s-OFDM QPSK 2545MHz Edge 1RB Right Ant5



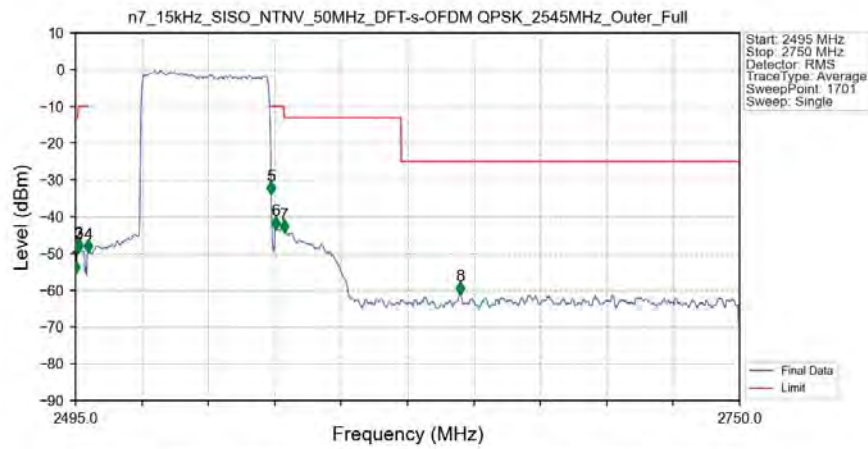
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	911.450	-64.49	-25	Pass

n7 15kHz SISO NTV 50MHz DFT-s-OFDM QPSK 2545MHz Edge 1RB Right Ant5



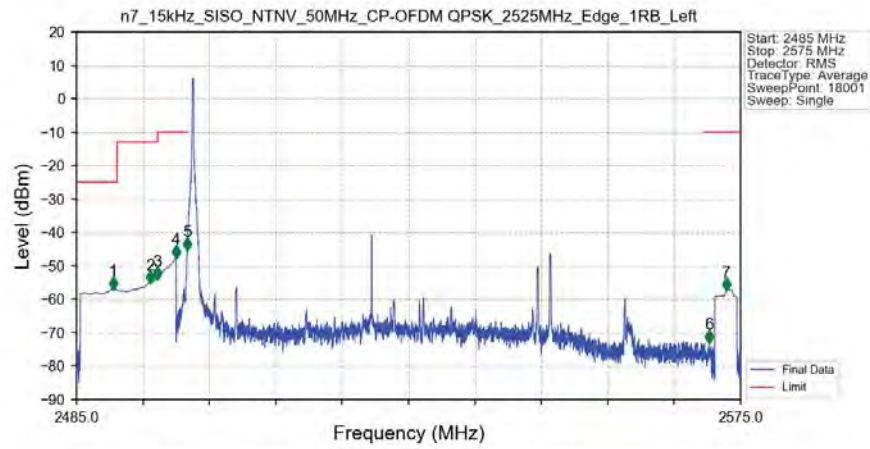
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2412.000	-50.60	-25	Pass
2490.5	2495	1	/	2	2491.000	-53.42	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2620	1	/	3	2593.500	-54.93	-13	Pass
2620	25700	1	/	4	24461.500	-46.92	-25	Pass

n7 15kHz SISO NTV 50MHz DFT-s-OFDM QPSK 2545MHz Outer Full Ant5



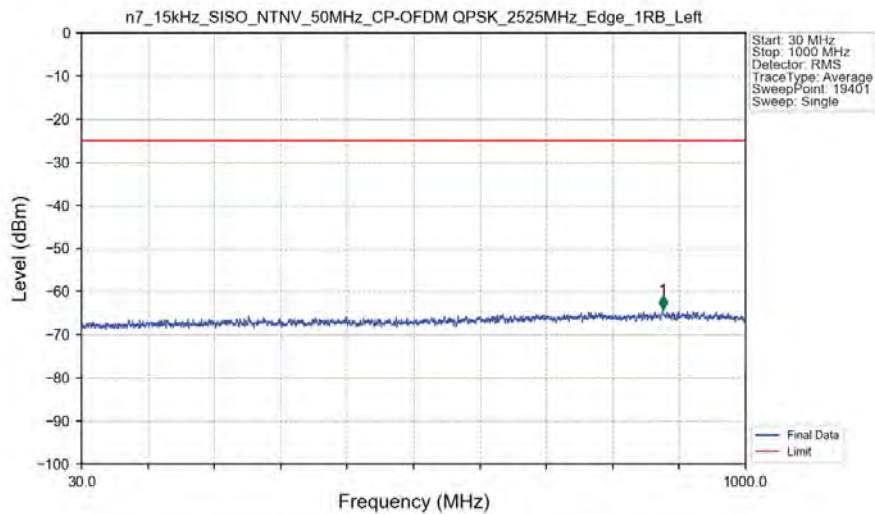
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2495	1	/	1	2495.000	-55.29	-13	Pass
2495	2496	1	CHP	2	2495.900	-49.61	-13	Pass
2496	2499	1	CHP	3	2496.350	-49.32	-10	Pass
2499	2500	0.936	CHP	4	2499.950	-49.45	-10	Pass
2500	2570	0.936	CHP	/	/	/	/	/
2570	2571	0.936	CHP	5	2570.150	-33.64	-10	Pass
2571	2575	1	CHP	6	2571.800	-43.21	-10	Pass
2575	2620	1	CHP	7	2575.100	-44.14	-13	Pass
2620	2750	1	CHP	8	2642.600	-60.97	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Edge_1RB_Left_Ant5



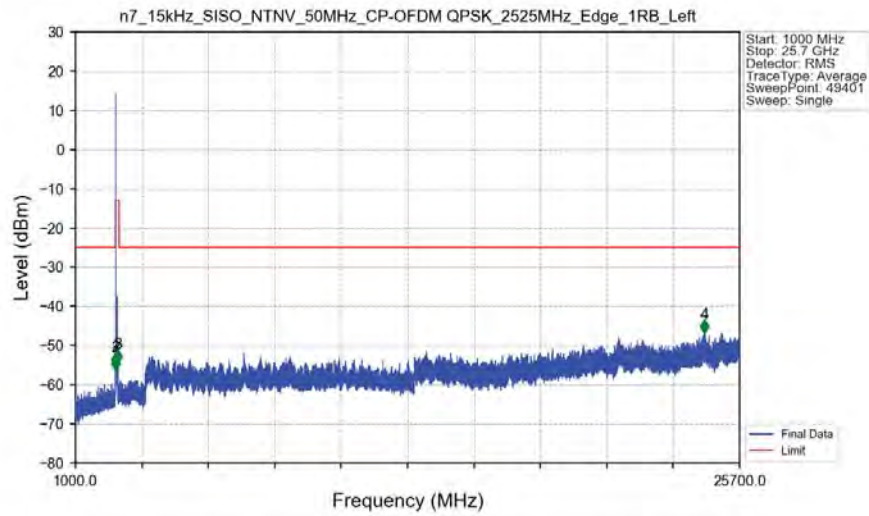
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.975	-56.88	-25	Pass
2490.5	2495	1	CHP	2	2494.995	-55.03	-13	Pass
2495	2496	1	CHP	3	2495.980	-53.86	-13	Pass
2496	2499	1	CHP	4	2498.500	-47.49	-10	Pass
2499	2500	0.02	CHP	5	2499.990	-45.14	-10	Pass
2500	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	6	2570.700	-72.87	-10	Pass
2571	2575	1	CHP	7	2573.070	-57.15	-10	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Edge_1RB_Left_Ant5



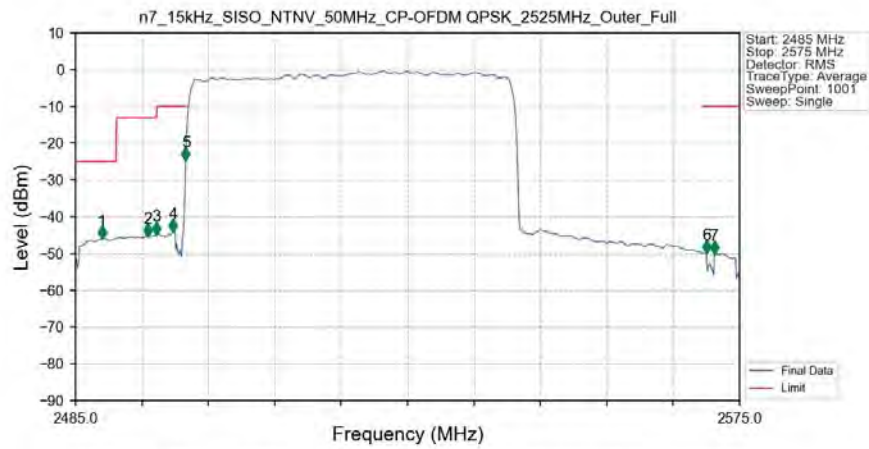
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	879.100	-64.11	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Edge_1RB_Left_Ant5



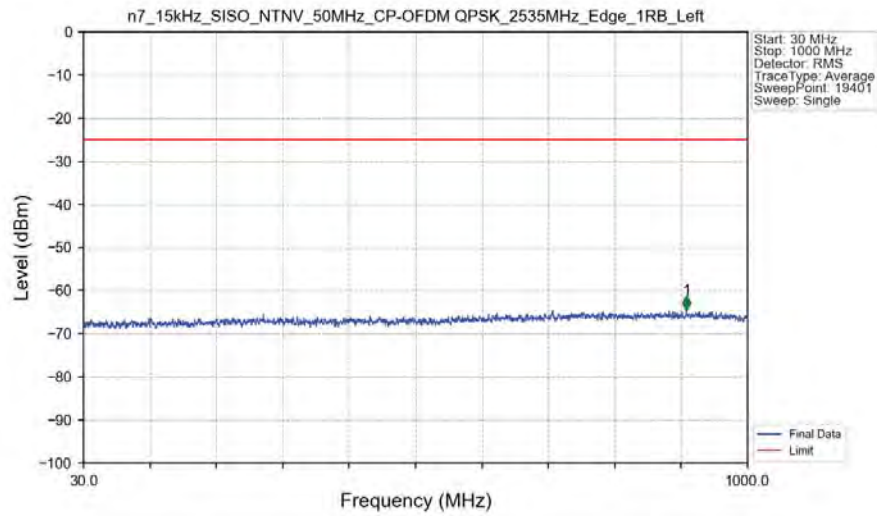
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2490.5	1	/	1	2489.000	-56.32	-25	Pass
2490.5	2495	1	/	2	2494.500	-55.31	-13	Pass
2495	2575	1	/	/	/	/	/	/
2575	2620	1	/	3	2578.500	-54.44	-13	Pass
2620	25700	1	/	4	24388.500	-46.84	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2525MHz_Outer_Full_Ant5

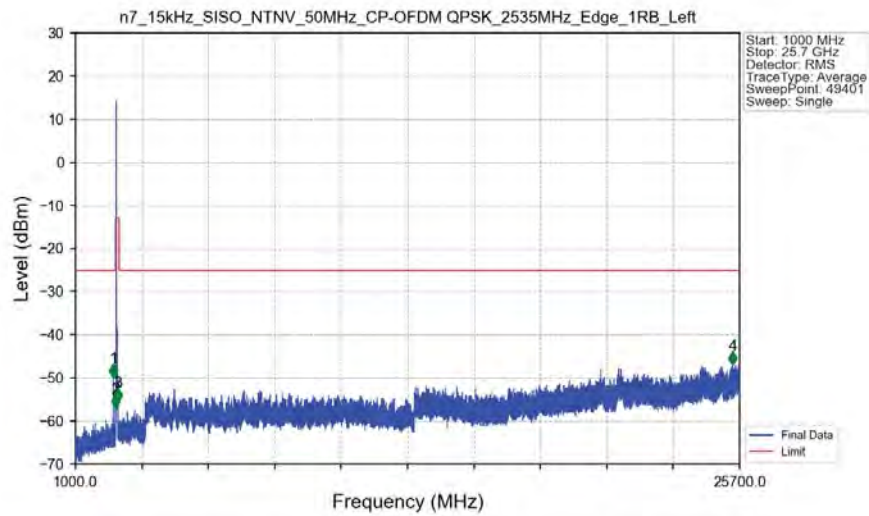


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.600	-45.92	-25	Pass
2490.5	2495	1	CHP	2	2494.810	-45.21	-13	Pass
2495	2496	1	CHP	3	2495.980	-44.74	-13	Pass
2496	2499	1	CHP	4	2498.230	-44.03	-10	Pass
2499	2500	0.936	CHP	5	2499.940	-24.58	-10	Pass
2500	2570	/	/	/	/	/	/	/
2570	2571	0.936	CHP	6	2570.500	-49.68	-10	Pass
2571	2575	1	CHP	7	2571.580	-49.93	-10	Pass

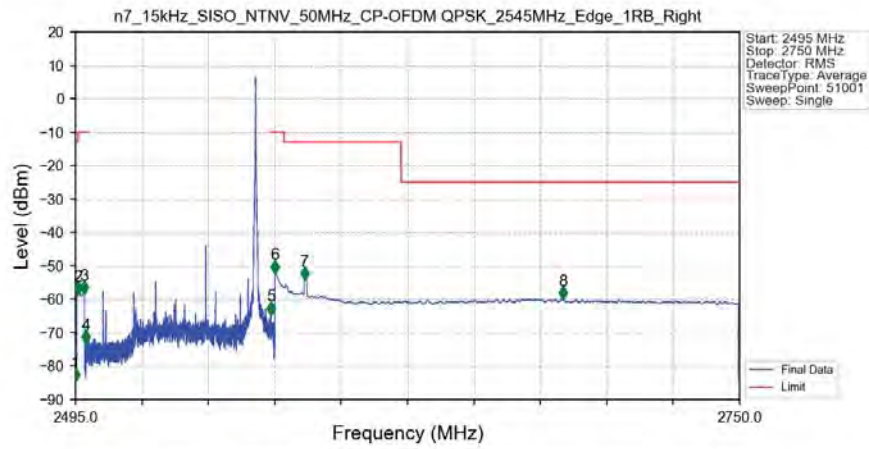
n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant5



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2535MHz_Edge_1RB_Left_Ant5

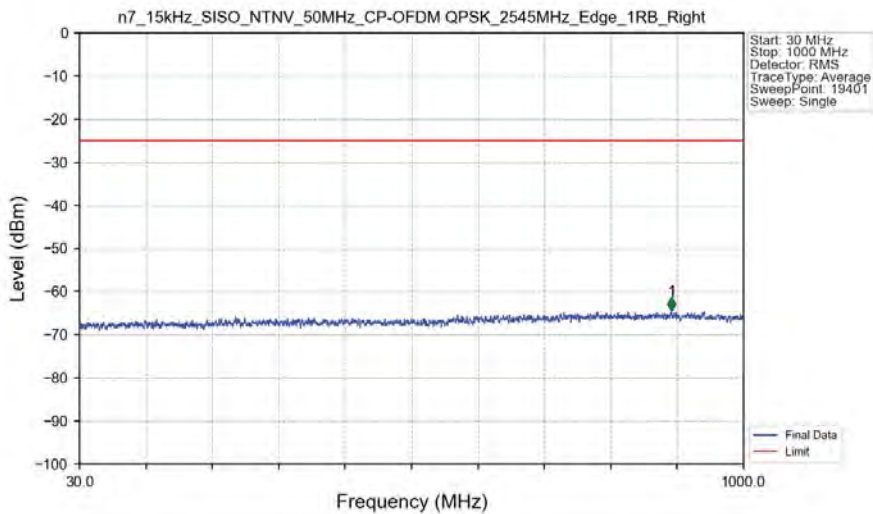


n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Edge_1RB_Right_Ant5



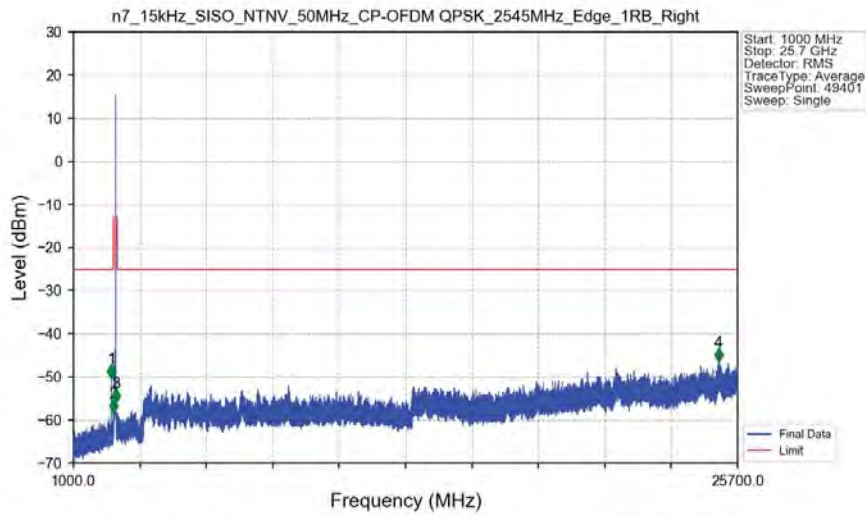
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2495	2495	1	/	1	2495.000	-84.32	-13	Pass
2495	2496	1	CHP	2	2495.910	-58.38	-13	Pass
2496	2499	1	CHP	3	2498.340	-58.14	-10	Pass
2499	2500	0.02	CHP	4	2499.015	-72.94	-10	Pass
2500	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	5	2570.050	-64.38	-10	Pass
2571	2575	1	CHP	6	2571.500	-51.94	-10	Pass
2575	2620	1	CHP	7	2583.105	-53.87	-13	Pass
2620	2750	1	CHP	8	2682.195	-59.83	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Edge_1RB_Right_Ant5

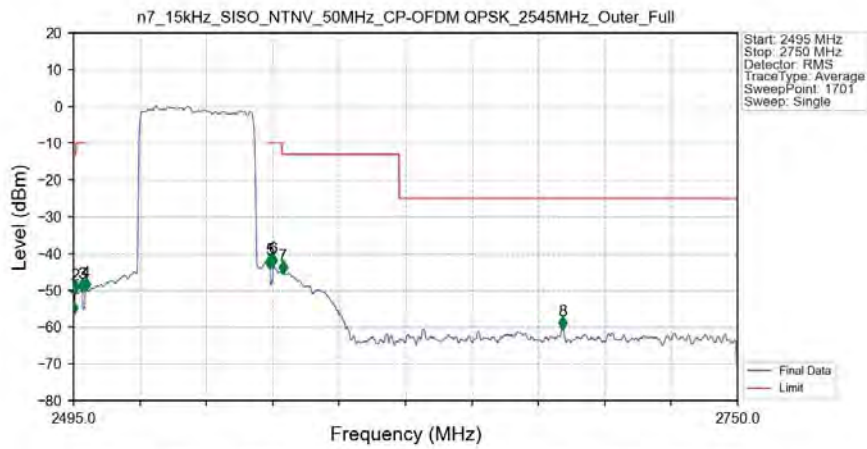


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	894.850	-64.45	-25	Pass

n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Edge_1RB_Right_Ant5



n7_15kHz_SISO_NTNV_50MHz_CP-OFDM_QPSK_2545MHz_Outer_Full_Ant5



6. Field Strength of Spurious Radiation

NR N7-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-54.32	-25	-29.32	-59.89	4.57	10.14	Horizontal	Pass
7503.0	-56.87	-25	-31.87	-63.67	4.94	11.74	Horizontal	Pass
10004.0	-54.58	-25	-29.58	-62.15	5.46	13.03	Horizontal	Pass
5002.0	-54.38	-25	-29.38	-59.95	4.57	10.14	Vertical	Pass
7503.0	-57.6	-25	-32.6	-64.4	4.94	11.74	Vertical	Pass
10004.0	-54.49	-25	-29.49	-62.06	5.46	13.03	Vertical	Pass

NR N7-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-54.01	-25	-29.01	-59.59	4.59	10.17	Horizontal	Pass
7578.0	-56.53	-25	-31.53	-63.41	4.95	11.83	Horizontal	Pass
10104.0	-54.01	-25	-29.01	-61.58	5.48	13.05	Horizontal	Pass
5052.0	-54.45	-25	-29.45	-60.03	4.59	10.17	Vertical	Pass
7578.0	-58.38	-25	-33.38	-65.26	4.95	11.83	Vertical	Pass
10104.0	-54.34	-25	-29.34	-61.91	5.48	13.05	Vertical	Pass

NR N7-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-52.29	-25	-27.29	-57.89	4.6	10.2	Horizontal	Pass
7653.0	-54.37	-25	-29.37	-61.34	4.95	11.92	Horizontal	Pass
10204.0	-53.36	-25	-28.36	-60.94	5.49	13.07	Horizontal	Pass
5102.0	-53.64	-25	-28.64	-59.24	4.6	10.2	Vertical	Pass
7653.0	-55.82	-25	-30.82	-62.79	4.95	11.92	Vertical	Pass
10204.0	-52.29	-25	-27.29	-59.87	5.49	13.07	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	-53.65	-25	-28.65	-59.22	4.57	10.14	Horizontal	Pass
7503.0	-55.2	-25	-30.2	-62.0	4.94	11.74	Horizontal	Pass
10004.0	-54.55	-25	-29.55	-62.12	5.46	13.03	Horizontal	Pass
5002.0	-53.97	-25	-28.97	-59.54	4.57	10.14	Vertical	Pass
7503.0	-55.86	-25	-30.86	-62.66	4.94	11.74	Vertical	Pass
10004.0	-55.22	-25	-30.22	-62.79	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	-53.85	-25	-28.85	-59.43	4.59	10.17	Horizontal	Pass
7578.0	-57.74	-25	-32.74	-64.62	4.95	11.83	Horizontal	Pass
10104.0	-55.04	-25	-30.04	-62.61	5.48	13.05	Horizontal	Pass
5052.0	-54.42	-25	-29.42	-60.0	4.59	10.17	Vertical	Pass
7578.0	-56.23	-25	-31.23	-63.11	4.95	11.83	Vertical	Pass
10104.0	-53.87	-25	-28.87	-61.44	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	-54.79	-25	-29.79	-60.39	4.6	10.2	Horizontal	Pass
7653.0	-55.71	-25	-30.71	-62.68	4.95	11.92	Horizontal	Pass
10204.0	-52.83	-25	-27.83	-60.41	5.49	13.07	Horizontal	Pass
5102.0	-54.11	-25	-29.11	-59.71	4.6	10.2	Vertical	Pass
7653.0	-56.47	-25	-31.47	-63.44	4.95	11.92	Vertical	Pass
10204.0	-53.9	-25	-28.9	-61.48	5.49	13.07	Vertical	Pass