

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_SISO_10M_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Outer_Full	23.62	/	/	19.33	/	/	<=23	Pass
		Inner_Full	24.12	/	/	19.83	/	/	<=23	Pass
		Inner_1RB_Left	24.03	/	/	19.74	/	/	<=23	Pass
		Inner_1RB_Right	24.13	/	/	19.84	/	/	<=23	Pass
	3624.99	Outer_Full	23.32	/	/	19.03	/	/	<=23	Pass
		Inner_Full	23.75	/	/	19.46	/	/	<=23	Pass
		Inner_1RB_Left	23.74	/	/	19.45	/	/	<=23	Pass
		Inner_1RB_Right	23.81	/	/	19.52	/	/	<=23	Pass
	3694.98	Outer_Full	23.65	/	/	19.36	/	/	<=23	Pass
		Inner_Full	24.05	/	/	19.76	/	/	<=23	Pass
		Inner_1RB_Left	24.04	/	/	19.75	/	/	<=23	Pass
		Inner_1RB_Right	24.02	/	/	19.73	/	/	<=23	Pass
DFT-s-OFDM QPSK	3555	Outer_Full	23.09	/	/	18.80	/	/	<=23	Pass
		Inner_Full	24.11	/	/	19.82	/	/	<=23	Pass
		Inner_1RB_Left	24.09	/	/	19.80	/	/	<=23	Pass
		Inner_1RB_Right	24.17	/	/	19.88	/	/	<=23	Pass
	3624.99	Outer_Full	22.73	/	/	18.44	/	/	<=23	Pass
		Inner_Full	23.80	/	/	19.51	/	/	<=23	Pass
		Inner_1RB_Left	23.73	/	/	19.44	/	/	<=23	Pass
		Inner_1RB_Right	23.75	/	/	19.46	/	/	<=23	Pass
	3694.98	Outer_Full	23.14	/	/	18.85	/	/	<=23	Pass
		Inner_Full	24.13	/	/	19.84	/	/	<=23	Pass
		Inner_1RB_Left	24.02	/	/	19.73	/	/	<=23	Pass
		Inner_1RB_Right	24.14	/	/	19.85	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	22.10	/	/	17.81	/	/	<=23	Pass
		Inner_Full	23.22	/	/	18.93	/	/	<=23	Pass
		Inner_1RB_Left	23.17	/	/	18.88	/	/	<=23	Pass
		Inner_1RB_Right	23.28	/	/	18.99	/	/	<=23	Pass
	3624.99	Outer_Full	21.87	/	/	17.58	/	/	<=23	Pass
		Inner_Full	22.83	/	/	18.54	/	/	<=23	Pass
		Inner_1RB_Left	22.65	/	/	18.36	/	/	<=23	Pass
		Inner_1RB_Right	22.83	/	/	18.54	/	/	<=23	Pass
	3694.98	Outer_Full	22.13	/	/	17.84	/	/	<=23	Pass
		Inner_Full	23.20	/	/	18.91	/	/	<=23	Pass
		Inner_1RB_Left	23.18	/	/	18.89	/	/	<=23	Pass
		Inner_1RB_Right	23.26	/	/	18.97	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3555	Outer_Full	21.58	/	/	17.29	/	/	<=23	Pass
		Inner_Full	21.63	/	/	17.34	/	/	<=23	Pass
		Inner_1RB_Left	21.29	/	/	17.00	/	/	<=23	Pass
		Inner_1RB_Right	21.36	/	/	17.07	/	/	<=23	Pass
	3624.99	Outer_Full	21.20	/	/	16.91	/	/	<=23	Pass
		Inner_Full	21.24	/	/	16.95	/	/	<=23	Pass
		Inner_1RB_Left	21.14	/	/	16.85	/	/	<=23	Pass
		Inner_1RB_Right	21.16	/	/	16.87	/	/	<=23	Pass
	3694.98	Outer_Full	21.60	/	/	17.31	/	/	<=23	Pass
		Inner_Full	21.72	/	/	17.43	/	/	<=23	Pass
		Inner_1RB_Left	21.27	/	/	16.98	/	/	<=23	Pass
		Inner_1RB_Right	21.34	/	/	17.05	/	/	<=23	Pass

DFT-s-OFDM 256 QAM	3555	Outer Full	19.53	/	/	15.24	/	/	<=23	Pass
		Inner Full	19.57	/	/	15.28	/	/	<=23	Pass
		Inner 1RB Left	19.42	/	/	15.13	/	/	<=23	Pass
		Inner 1RB Right	19.51	/	/	15.22	/	/	<=23	Pass
	3624.99	Outer Full	19.21	/	/	14.92	/	/	<=23	Pass
		Inner Full	19.26	/	/	14.97	/	/	<=23	Pass
		Inner 1RB Left	19.10	/	/	14.81	/	/	<=23	Pass
		Inner 1RB Right	19.21	/	/	14.92	/	/	<=23	Pass
	3694.98	Outer Full	19.61	/	/	15.32	/	/	<=23	Pass
		Inner Full	19.59	/	/	15.30	/	/	<=23	Pass
		Inner 1RB Left	19.58	/	/	15.29	/	/	<=23	Pass
		Inner 1RB Right	19.54	/	/	15.25	/	/	<=23	Pass
CP-OFDM QPSK	3555	Outer Full	21.09	/	/	16.80	/	/	<=23	Pass
		Inner Full	22.67	/	/	18.38	/	/	<=23	Pass
		Inner 1RB Left	22.51	/	/	18.22	/	/	<=23	Pass
		Inner 1RB Right	22.65	/	/	18.36	/	/	<=23	Pass
	3624.99	Outer Full	20.78	/	/	16.49	/	/	<=23	Pass
		Inner Full	22.26	/	/	17.97	/	/	<=23	Pass
		Inner 1RB Left	22.35	/	/	18.06	/	/	<=23	Pass
		Inner 1RB Right	22.36	/	/	18.07	/	/	<=23	Pass
	3694.98	Outer Full	21.13	/	/	16.84	/	/	<=23	Pass
		Inner Full	22.55	/	/	18.26	/	/	<=23	Pass
		Inner 1RB Left	22.69	/	/	18.40	/	/	<=23	Pass
		Inner 1RB Right	22.66	/	/	18.37	/	/	<=23	Pass
CP-OFDM 16 QAM	3555	Outer Full	21.13	/	/	16.84	/	/	<=23	Pass
		Inner Full	22.15	/	/	17.86	/	/	<=23	Pass
		Inner 1RB Left	21.97	/	/	17.68	/	/	<=23	Pass
		Inner 1RB Right	22.10	/	/	17.81	/	/	<=23	Pass
	3624.99	Outer Full	20.70	/	/	16.41	/	/	<=23	Pass
		Inner Full	21.85	/	/	17.56	/	/	<=23	Pass
		Inner 1RB Left	21.69	/	/	17.40	/	/	<=23	Pass
		Inner 1RB Right	21.71	/	/	17.42	/	/	<=23	Pass
	3694.98	Outer Full	20.99	/	/	16.70	/	/	<=23	Pass
		Inner Full	22.13	/	/	17.84	/	/	<=23	Pass
		Inner 1RB Left	22.06	/	/	17.77	/	/	<=23	Pass
		Inner 1RB Right	22.11	/	/	17.82	/	/	<=23	Pass
CP-OFDM 64 QAM	3555	Outer Full	20.61	/	/	16.32	/	/	<=23	Pass
		Inner Full	20.63	/	/	16.34	/	/	<=23	Pass
		Inner 1RB Left	20.56	/	/	16.27	/	/	<=23	Pass
		Inner 1RB Right	20.66	/	/	16.37	/	/	<=23	Pass
	3624.99	Outer Full	20.32	/	/	16.03	/	/	<=23	Pass
		Inner Full	20.35	/	/	16.06	/	/	<=23	Pass
		Inner 1RB Left	20.04	/	/	15.75	/	/	<=23	Pass
		Inner 1RB Right	20.15	/	/	15.86	/	/	<=23	Pass
	3694.98	Outer Full	20.57	/	/	16.28	/	/	<=23	Pass
		Inner Full	20.63	/	/	16.34	/	/	<=23	Pass
		Inner 1RB Left	20.39	/	/	16.10	/	/	<=23	Pass
		Inner 1RB Right	20.53	/	/	16.24	/	/	<=23	Pass
CP-OFDM 256 QAM	3555	Outer Full	18.06	/	/	13.77	/	/	<=23	Pass
		Inner Full	18.03	/	/	13.74	/	/	<=23	Pass
		Inner 1RB Left	17.81	/	/	13.52	/	/	<=23	Pass
		Inner 1RB Right	17.87	/	/	13.58	/	/	<=23	Pass
	3624.99	Outer Full	17.63	/	/	13.34	/	/	<=23	Pass
		Inner Full	17.59	/	/	13.30	/	/	<=23	Pass
		Inner 1RB Left	17.41	/	/	13.12	/	/	<=23	Pass
		Inner 1RB Right	17.42	/	/	13.13	/	/	<=23	Pass
	3694.98	Outer Full	18.00	/	/	13.71	/	/	<=23	Pass
		Inner Full	17.93	/	/	13.64	/	/	<=23	Pass

		Inner_1RB_Left	17.76	/	/	13.47	/	/	<=23	Pass
		Inner_1RB_Right	17.80	/	/	13.51	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: -4.29dBi; Ant2: -4.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_SISO_15M_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3557.52	Outer_Full	23.69	/	/	19.40	/	/	<=23	Pass
		Inner_Full	24.19	/	/	19.90	/	/	<=23	Pass
		Inner_1RB_Left	24.11	/	/	19.82	/	/	<=23	Pass
		Inner_1RB_Right	24.19	/	/	19.90	/	/	<=23	Pass
	3624.99	Outer_Full	23.36	/	/	19.07	/	/	<=23	Pass
		Inner_Full	23.78	/	/	19.49	/	/	<=23	Pass
		Inner_1RB_Left	23.82	/	/	19.53	/	/	<=23	Pass
		Inner_1RB_Right	23.86	/	/	19.57	/	/	<=23	Pass
	3692.49	Outer_Full	23.60	/	/	19.31	/	/	<=23	Pass
		Inner_Full	24.07	/	/	19.78	/	/	<=23	Pass
		Inner_1RB_Left	24.00	/	/	19.71	/	/	<=23	Pass
		Inner_1RB_Right	24.11	/	/	19.82	/	/	<=23	Pass
DFT-s-OFDM QPSK	3557.52	Outer_Full	23.17	/	/	18.88	/	/	<=23	Pass
		Inner_Full	24.22	/	/	19.93	/	/	<=23	Pass
		Inner_1RB_Left	24.04	/	/	19.75	/	/	<=23	Pass
		Inner_1RB_Right	24.12	/	/	19.83	/	/	<=23	Pass
	3624.99	Outer_Full	22.80	/	/	18.51	/	/	<=23	Pass
		Inner_Full	23.75	/	/	19.46	/	/	<=23	Pass
		Inner_1RB_Left	23.76	/	/	19.47	/	/	<=23	Pass
		Inner_1RB_Right	23.77	/	/	19.48	/	/	<=23	Pass
	3692.49	Outer_Full	23.10	/	/	18.81	/	/	<=23	Pass
		Inner_Full	24.06	/	/	19.77	/	/	<=23	Pass
		Inner_1RB_Left	24.00	/	/	19.71	/	/	<=23	Pass
		Inner_1RB_Right	24.07	/	/	19.78	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3557.52	Outer_Full	22.07	/	/	17.78	/	/	<=23	Pass
		Inner_Full	23.17	/	/	18.88	/	/	<=23	Pass
		Inner_1RB_Left	23.12	/	/	18.83	/	/	<=23	Pass
		Inner_1RB_Right	23.16	/	/	18.87	/	/	<=23	Pass
	3624.99	Outer_Full	21.86	/	/	17.57	/	/	<=23	Pass
		Inner_Full	22.92	/	/	18.63	/	/	<=23	Pass
		Inner_1RB_Left	23.05	/	/	18.76	/	/	<=23	Pass
		Inner_1RB_Right	22.90	/	/	18.61	/	/	<=23	Pass
	3692.49	Outer_Full	22.09	/	/	17.80	/	/	<=23	Pass
		Inner_Full	23.16	/	/	18.87	/	/	<=23	Pass
		Inner_1RB_Left	23.09	/	/	18.80	/	/	<=23	Pass
		Inner_1RB_Right	23.05	/	/	18.76	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3557.52	Outer_Full	21.68	/	/	17.39	/	/	<=23	Pass
		Inner_Full	21.63	/	/	17.34	/	/	<=23	Pass
		Inner_1RB_Left	21.47	/	/	17.18	/	/	<=23	Pass
		Inner_1RB_Right	21.64	/	/	17.35	/	/	<=23	Pass
	3624.99	Outer_Full	21.29	/	/	17.00	/	/	<=23	Pass
		Inner_Full	21.21	/	/	16.92	/	/	<=23	Pass
		Inner_1RB_Left	21.03	/	/	16.74	/	/	<=23	Pass
		Inner_1RB_Right	21.06	/	/	16.77	/	/	<=23	Pass
	3692.49	Outer_Full	21.62	/	/	17.33	/	/	<=23	Pass
		Inner_Full	21.62	/	/	17.33	/	/	<=23	Pass

DFT-s-OFDM 256 QAM		Inner_1RB_Left	21.50	/	/	17.21	/	/	<=23	Pass
		Inner_1RB_Right	21.57	/	/	17.28	/	/	<=23	Pass
	3557.52	Outer_Full	19.62	/	/	15.33	/	/	<=23	Pass
		Inner_Full	19.64	/	/	15.35	/	/	<=23	Pass
		Inner_1RB_Left	19.42	/	/	15.13	/	/	<=23	Pass
		Inner_1RB_Right	19.41	/	/	15.12	/	/	<=23	Pass
	3624.99	Outer_Full	19.20	/	/	14.91	/	/	<=23	Pass
		Inner_Full	19.28	/	/	14.99	/	/	<=23	Pass
		Inner_1RB_Left	19.15	/	/	14.86	/	/	<=23	Pass
		Inner_1RB_Right	19.22	/	/	14.93	/	/	<=23	Pass
	3692.49	Outer_Full	19.57	/	/	15.28	/	/	<=23	Pass
		Inner_Full	19.51	/	/	15.22	/	/	<=23	Pass
		Inner_1RB_Left	19.34	/	/	15.05	/	/	<=23	Pass
		Inner_1RB_Right	19.43	/	/	15.14	/	/	<=23	Pass
CP-OFDM QPSK	3557.52	Outer_Full	21.11	/	/	16.82	/	/	<=23	Pass
		Inner_Full	22.59	/	/	18.30	/	/	<=23	Pass
		Inner_1RB_Left	22.57	/	/	18.28	/	/	<=23	Pass
		Inner_1RB_Right	22.72	/	/	18.43	/	/	<=23	Pass
	3624.99	Outer_Full	20.75	/	/	16.46	/	/	<=23	Pass
		Inner_Full	22.23	/	/	17.94	/	/	<=23	Pass
		Inner_1RB_Left	22.35	/	/	18.06	/	/	<=23	Pass
		Inner_1RB_Right	22.27	/	/	17.98	/	/	<=23	Pass
	3692.49	Outer_Full	21.04	/	/	16.75	/	/	<=23	Pass
		Inner_Full	22.67	/	/	18.38	/	/	<=23	Pass
		Inner_1RB_Left	22.50	/	/	18.21	/	/	<=23	Pass
		Inner_1RB_Right	22.60	/	/	18.31	/	/	<=23	Pass
CP-OFDM 16 QAM	3557.52	Outer_Full	21.08	/	/	16.79	/	/	<=23	Pass
		Inner_Full	22.13	/	/	17.84	/	/	<=23	Pass
		Inner_1RB_Left	22.37	/	/	18.08	/	/	<=23	Pass
		Inner_1RB_Right	22.49	/	/	18.20	/	/	<=23	Pass
	3624.99	Outer_Full	20.78	/	/	16.49	/	/	<=23	Pass
		Inner_Full	21.81	/	/	17.52	/	/	<=23	Pass
		Inner_1RB_Left	21.75	/	/	17.46	/	/	<=23	Pass
		Inner_1RB_Right	21.82	/	/	17.53	/	/	<=23	Pass
	3692.49	Outer_Full	21.04	/	/	16.75	/	/	<=23	Pass
		Inner_Full	22.16	/	/	17.87	/	/	<=23	Pass
		Inner_1RB_Left	21.93	/	/	17.64	/	/	<=23	Pass
		Inner_1RB_Right	22.02	/	/	17.73	/	/	<=23	Pass
CP-OFDM 64 QAM	3557.52	Outer_Full	20.63	/	/	16.34	/	/	<=23	Pass
		Inner_Full	20.58	/	/	16.29	/	/	<=23	Pass
		Inner_1RB_Left	19.92	/	/	15.63	/	/	<=23	Pass
		Inner_1RB_Right	20.11	/	/	15.82	/	/	<=23	Pass
	3624.99	Outer_Full	20.28	/	/	15.99	/	/	<=23	Pass
		Inner_Full	20.33	/	/	16.04	/	/	<=23	Pass
		Inner_1RB_Left	20.20	/	/	15.91	/	/	<=23	Pass
		Inner_1RB_Right	20.10	/	/	15.81	/	/	<=23	Pass
	3692.49	Outer_Full	20.53	/	/	16.24	/	/	<=23	Pass
		Inner_Full	20.62	/	/	16.33	/	/	<=23	Pass
		Inner_1RB_Left	20.29	/	/	16.00	/	/	<=23	Pass
		Inner_1RB_Right	20.56	/	/	16.27	/	/	<=23	Pass
CP-OFDM 256 QAM	3557.52	Outer_Full	18.01	/	/	13.72	/	/	<=23	Pass
		Inner_Full	18.11	/	/	13.82	/	/	<=23	Pass
		Inner_1RB_Left	17.82	/	/	13.53	/	/	<=23	Pass
		Inner_1RB_Right	17.95	/	/	13.66	/	/	<=23	Pass
	3624.99	Outer_Full	17.64	/	/	13.35	/	/	<=23	Pass
		Inner_Full	17.65	/	/	13.36	/	/	<=23	Pass
		Inner_1RB_Left	17.51	/	/	13.22	/	/	<=23	Pass
		Inner_1RB_Right	17.50	/	/	13.21	/	/	<=23	Pass

	3692.49	Outer_Full	17.95	/	/	13.66	/	/	<=23	Pass
		Inner_Full	17.93	/	/	13.64	/	/	<=23	Pass
		Inner_1RB_Left	17.77	/	/	13.48	/	/	<=23	Pass
		Inner_1RB_Right	17.81	/	/	13.52	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: -4.29dBi; Ant2: -4.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.3 30_SISO_20M_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)			Limit	Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		
DFT-s-OFDM PI/2 BPSK	3560.01	Outer_Full	23.67	/	/	19.38	/	/	<=23	Pass
		Inner_Full	24.18	/	/	19.89	/	/	<=23	Pass
		Inner_1RB_Left	24.10	/	/	19.81	/	/	<=23	Pass
		Inner_1RB_Right	24.22	/	/	19.93	/	/	<=23	Pass
	3624.99	Outer_Full	23.32	/	/	19.03	/	/	<=23	Pass
		Inner_Full	23.82	/	/	19.53	/	/	<=23	Pass
		Inner_1RB_Left	23.89	/	/	19.60	/	/	<=23	Pass
		Inner_1RB_Right	23.86	/	/	19.57	/	/	<=23	Pass
	3690	Outer_Full	23.61	/	/	19.32	/	/	<=23	Pass
		Inner_Full	24.09	/	/	19.80	/	/	<=23	Pass
		Inner_1RB_Left	24.10	/	/	19.81	/	/	<=23	Pass
		Inner_1RB_Right	24.11	/	/	19.82	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	23.24	/	/	18.95	/	/	<=23	Pass
		Inner_Full	24.20	/	/	19.91	/	/	<=23	Pass
		Inner_1RB_Left	24.07	/	/	19.78	/	/	<=23	Pass
		Inner_1RB_Right	24.22	/	/	19.93	/	/	<=23	Pass
	3624.99	Outer_Full	22.82	/	/	18.53	/	/	<=23	Pass
		Inner_Full	23.83	/	/	19.54	/	/	<=23	Pass
		Inner_1RB_Left	23.83	/	/	19.54	/	/	<=23	Pass
		Inner_1RB_Right	23.80	/	/	19.51	/	/	<=23	Pass
	3690	Outer_Full	23.10	/	/	18.81	/	/	<=23	Pass
		Inner_Full	24.13	/	/	19.84	/	/	<=23	Pass
		Inner_1RB_Left	24.06	/	/	19.77	/	/	<=23	Pass
		Inner_1RB_Right	24.11	/	/	19.82	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	22.21	/	/	17.92	/	/	<=23	Pass
		Inner_Full	23.18	/	/	18.89	/	/	<=23	Pass
		Inner_1RB_Left	23.29	/	/	19.00	/	/	<=23	Pass
		Inner_1RB_Right	23.35	/	/	19.06	/	/	<=23	Pass
	3624.99	Outer_Full	21.78	/	/	17.49	/	/	<=23	Pass
		Inner_Full	22.83	/	/	18.54	/	/	<=23	Pass
		Inner_1RB_Left	22.99	/	/	18.70	/	/	<=23	Pass
		Inner_1RB_Right	22.82	/	/	18.53	/	/	<=23	Pass
	3690	Outer_Full	22.11	/	/	17.82	/	/	<=23	Pass
		Inner_Full	23.09	/	/	18.80	/	/	<=23	Pass
		Inner_1RB_Left	23.14	/	/	18.85	/	/	<=23	Pass
		Inner_1RB_Right	23.18	/	/	18.89	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	21.64	/	/	17.35	/	/	<=23	Pass
		Inner_Full	21.73	/	/	17.44	/	/	<=23	Pass
		Inner_1RB_Left	21.48	/	/	17.19	/	/	<=23	Pass
		Inner_1RB_Right	21.66	/	/	17.37	/	/	<=23	Pass
	3624.99	Outer_Full	21.31	/	/	17.02	/	/	<=23	Pass
		Inner_Full	21.31	/	/	17.02	/	/	<=23	Pass
		Inner_1RB_Left	21.17	/	/	16.88	/	/	<=23	Pass
		Inner_1RB_Right	21.26	/	/	16.97	/	/	<=23	Pass

	3690	Outer_Full	21.59	/	/	17.30	/	/	<=23	Pass
		Inner_Full	21.53	/	/	17.24	/	/	<=23	Pass
		Inner_1RB_Left	21.31	/	/	17.02	/	/	<=23	Pass
		Inner_1RB_Right	21.38	/	/	17.09	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	19.60	/	/	15.31	/	/	<=23	Pass
		Inner_Full	19.64	/	/	15.35	/	/	<=23	Pass
		Inner_1RB_Left	19.45	/	/	15.16	/	/	<=23	Pass
		Inner_1RB_Right	19.58	/	/	15.29	/	/	<=23	Pass
	3624.99	Outer_Full	19.24	/	/	14.95	/	/	<=23	Pass
		Inner_Full	19.17	/	/	14.88	/	/	<=23	Pass
		Inner_1RB_Left	19.39	/	/	15.10	/	/	<=23	Pass
		Inner_1RB_Right	19.29	/	/	15.00	/	/	<=23	Pass
	3690	Outer_Full	19.62	/	/	15.33	/	/	<=23	Pass
		Inner_Full	19.46	/	/	15.17	/	/	<=23	Pass
		Inner_1RB_Left	19.47	/	/	15.18	/	/	<=23	Pass
		Inner_1RB_Right	19.64	/	/	15.35	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Outer_Full	21.20	/	/	16.91	/	/	<=23	Pass
		Inner_Full	22.69	/	/	18.40	/	/	<=23	Pass
		Inner_1RB_Left	22.74	/	/	18.45	/	/	<=23	Pass
		Inner_1RB_Right	22.78	/	/	18.49	/	/	<=23	Pass
	3624.99	Outer_Full	20.83	/	/	16.54	/	/	<=23	Pass
		Inner_Full	22.32	/	/	18.03	/	/	<=23	Pass
		Inner_1RB_Left	22.51	/	/	18.22	/	/	<=23	Pass
		Inner_1RB_Right	22.32	/	/	18.03	/	/	<=23	Pass
	3690	Outer_Full	21.08	/	/	16.79	/	/	<=23	Pass
		Inner_Full	22.64	/	/	18.35	/	/	<=23	Pass
		Inner_1RB_Left	22.63	/	/	18.34	/	/	<=23	Pass
		Inner_1RB_Right	22.69	/	/	18.40	/	/	<=23	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	21.10	/	/	16.81	/	/	<=23	Pass
		Inner_Full	22.18	/	/	17.89	/	/	<=23	Pass
		Inner_1RB_Left	22.44	/	/	18.15	/	/	<=23	Pass
		Inner_1RB_Right	22.55	/	/	18.26	/	/	<=23	Pass
	3624.99	Outer_Full	20.81	/	/	16.52	/	/	<=23	Pass
		Inner_Full	21.79	/	/	17.50	/	/	<=23	Pass
		Inner_1RB_Left	21.75	/	/	17.46	/	/	<=23	Pass
		Inner_1RB_Right	21.93	/	/	17.64	/	/	<=23	Pass
	3690	Outer_Full	21.13	/	/	16.84	/	/	<=23	Pass
		Inner_Full	22.04	/	/	17.75	/	/	<=23	Pass
		Inner_1RB_Left	22.44	/	/	18.15	/	/	<=23	Pass
		Inner_1RB_Right	22.32	/	/	18.03	/	/	<=23	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	20.66	/	/	16.37	/	/	<=23	Pass
		Inner_Full	20.69	/	/	16.40	/	/	<=23	Pass
		Inner_1RB_Left	20.06	/	/	15.77	/	/	<=23	Pass
		Inner_1RB_Right	20.45	/	/	16.16	/	/	<=23	Pass
	3624.99	Outer_Full	20.30	/	/	16.01	/	/	<=23	Pass
		Inner_Full	20.31	/	/	16.02	/	/	<=23	Pass
		Inner_1RB_Left	19.82	/	/	15.53	/	/	<=23	Pass
		Inner_1RB_Right	19.78	/	/	15.49	/	/	<=23	Pass
	3690	Outer_Full	20.51	/	/	16.22	/	/	<=23	Pass
		Inner_Full	20.50	/	/	16.21	/	/	<=23	Pass
		Inner_1RB_Left	20.46	/	/	16.17	/	/	<=23	Pass
		Inner_1RB_Right	20.51	/	/	16.22	/	/	<=23	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	18.08	/	/	13.79	/	/	<=23	Pass
		Inner_Full	18.05	/	/	13.76	/	/	<=23	Pass
		Inner_1RB_Left	17.86	/	/	13.57	/	/	<=23	Pass
		Inner_1RB_Right	17.94	/	/	13.65	/	/	<=23	Pass
	3624.99	Outer_Full	17.68	/	/	13.39	/	/	<=23	Pass
		Inner_Full	17.62	/	/	13.33	/	/	<=23	Pass

		Inner_1RB_Left	17.58	/	/	13.29	/	/	<=23	Pass
		Inner_1RB_Right	17.54	/	/	13.25	/	/	<=23	Pass
	3690	Outer_Full	17.99	/	/	13.70	/	/	<=23	Pass
		Inner_Full	17.91	/	/	13.62	/	/	<=23	Pass
		Inner_1RB_Left	17.75	/	/	13.46	/	/	<=23	Pass
		Inner_1RB_Right	17.82	/	/	13.53	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: -4.29dBi; Ant2: -4.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_SISO_40M_NTNV_EIRP

5G NR n48 SCS=30kHz SISO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	23.60	/	/	19.31	/	/	<=23	Pass
		Inner_Full	24.05	/	/	19.76	/	/	<=23	Pass
		Inner_1RB_Left	24.17	/	/	19.88	/	/	<=23	Pass
		Inner_1RB_Right	24.13	/	/	19.84	/	/	<=23	Pass
	3624.99	Outer_Full	23.28	/	/	18.99	/	/	<=23	Pass
		Inner_Full	23.80	/	/	19.51	/	/	<=23	Pass
		Inner_1RB_Left	23.94	/	/	19.65	/	/	<=23	Pass
		Inner_1RB_Right	23.89	/	/	19.60	/	/	<=23	Pass
	3679.98	Outer_Full	23.58	/	/	19.29	/	/	<=23	Pass
		Inner_Full	24.02	/	/	19.73	/	/	<=23	Pass
		Inner_1RB_Left	24.04	/	/	19.75	/	/	<=23	Pass
		Inner_1RB_Right	24.09	/	/	19.80	/	/	<=23	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	23.12	/	/	18.83	/	/	<=23	Pass
		Inner_Full	24.12	/	/	19.83	/	/	<=23	Pass
		Inner_1RB_Left	24.06	/	/	19.77	/	/	<=23	Pass
		Inner_1RB_Right	24.07	/	/	19.78	/	/	<=23	Pass
	3624.99	Outer_Full	22.83	/	/	18.54	/	/	<=23	Pass
		Inner_Full	23.80	/	/	19.51	/	/	<=23	Pass
		Inner_1RB_Left	23.78	/	/	19.49	/	/	<=23	Pass
		Inner_1RB_Right	23.83	/	/	19.54	/	/	<=23	Pass
	3679.98	Outer_Full	23.05	/	/	18.76	/	/	<=23	Pass
		Inner_Full	24.04	/	/	19.75	/	/	<=23	Pass
		Inner_1RB_Left	24.05	/	/	19.76	/	/	<=23	Pass
		Inner_1RB_Right	24.08	/	/	19.79	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	22.07	/	/	17.78	/	/	<=23	Pass
		Inner_Full	23.08	/	/	18.79	/	/	<=23	Pass
		Inner_1RB_Left	23.02	/	/	18.73	/	/	<=23	Pass
		Inner_1RB_Right	23.01	/	/	18.72	/	/	<=23	Pass
	3624.99	Outer_Full	21.75	/	/	17.46	/	/	<=23	Pass
		Inner_Full	22.77	/	/	18.48	/	/	<=23	Pass
		Inner_1RB_Left	22.72	/	/	18.43	/	/	<=23	Pass
		Inner_1RB_Right	22.93	/	/	18.64	/	/	<=23	Pass
	3679.98	Outer_Full	21.98	/	/	17.69	/	/	<=23	Pass
		Inner_Full	23.09	/	/	18.80	/	/	<=23	Pass
		Inner_1RB_Left	23.03	/	/	18.74	/	/	<=23	Pass
		Inner_1RB_Right	23.19	/	/	18.90	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	21.54	/	/	17.25	/	/	<=23	Pass
		Inner_Full	21.56	/	/	17.27	/	/	<=23	Pass
		Inner_1RB_Left	21.64	/	/	17.35	/	/	<=23	Pass
		Inner_1RB_Right	21.61	/	/	17.32	/	/	<=23	Pass
	3624.99	Outer_Full	21.30	/	/	17.01	/	/	<=23	Pass
		Inner_Full	21.22	/	/	16.93	/	/	<=23	Pass

	3679.98	Inner_1RB_Left	21.33	/	/	17.04	/	/	<=23	Pass
		Inner_1RB_Right	21.18	/	/	16.89	/	/	<=23	Pass
		Outer_Full	21.47	/	/	17.18	/	/	<=23	Pass
		Inner_Full	21.55	/	/	17.26	/	/	<=23	Pass
		Inner_1RB_Left	21.58	/	/	17.29	/	/	<=23	Pass
		Inner_1RB_Right	21.58	/	/	17.29	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	19.56	/	/	15.27	/	/	<=23	Pass
		Inner_Full	19.57	/	/	15.28	/	/	<=23	Pass
		Inner_1RB_Left	19.53	/	/	15.24	/	/	<=23	Pass
		Inner_1RB_Right	19.68	/	/	15.39	/	/	<=23	Pass
	3624.99	Outer_Full	19.25	/	/	14.96	/	/	<=23	Pass
		Inner_Full	19.24	/	/	14.95	/	/	<=23	Pass
		Inner_1RB_Left	19.41	/	/	15.12	/	/	<=23	Pass
		Inner_1RB_Right	19.41	/	/	15.12	/	/	<=23	Pass
	3679.98	Outer_Full	19.49	/	/	15.20	/	/	<=23	Pass
		Inner_Full	19.48	/	/	15.19	/	/	<=23	Pass
		Inner_1RB_Left	19.59	/	/	15.30	/	/	<=23	Pass
		Inner_1RB_Right	19.58	/	/	15.29	/	/	<=23	Pass
CP-OFDM QPSK	3570	Outer_Full	21.03	/	/	16.74	/	/	<=23	Pass
		Inner_Full	22.56	/	/	18.27	/	/	<=23	Pass
		Inner_1RB_Left	22.67	/	/	18.38	/	/	<=23	Pass
		Inner_1RB_Right	22.68	/	/	18.39	/	/	<=23	Pass
	3624.99	Outer_Full	20.74	/	/	16.45	/	/	<=23	Pass
		Inner_Full	22.28	/	/	17.99	/	/	<=23	Pass
		Inner_1RB_Left	22.49	/	/	18.20	/	/	<=23	Pass
		Inner_1RB_Right	22.42	/	/	18.13	/	/	<=23	Pass
	3679.98	Outer_Full	21.01	/	/	16.72	/	/	<=23	Pass
		Inner_Full	22.51	/	/	18.22	/	/	<=23	Pass
		Inner_1RB_Left	22.51	/	/	18.22	/	/	<=23	Pass
		Inner_1RB_Right	22.53	/	/	18.24	/	/	<=23	Pass
CP-OFDM 16 QAM	3570	Outer_Full	21.09	/	/	16.80	/	/	<=23	Pass
		Inner_Full	22.08	/	/	17.79	/	/	<=23	Pass
		Inner_1RB_Left	22.24	/	/	17.95	/	/	<=23	Pass
		Inner_1RB_Right	22.18	/	/	17.89	/	/	<=23	Pass
	3624.99	Outer_Full	20.83	/	/	16.54	/	/	<=23	Pass
		Inner_Full	21.76	/	/	17.47	/	/	<=23	Pass
		Inner_1RB_Left	21.88	/	/	17.59	/	/	<=23	Pass
		Inner_1RB_Right	21.78	/	/	17.49	/	/	<=23	Pass
	3679.98	Outer_Full	20.99	/	/	16.70	/	/	<=23	Pass
		Inner_Full	22.02	/	/	17.73	/	/	<=23	Pass
		Inner_1RB_Left	22.11	/	/	17.82	/	/	<=23	Pass
		Inner_1RB_Right	22.27	/	/	17.98	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Outer_Full	20.56	/	/	16.27	/	/	<=23	Pass
		Inner_Full	20.64	/	/	16.35	/	/	<=23	Pass
		Inner_1RB_Left	20.56	/	/	16.27	/	/	<=23	Pass
		Inner_1RB_Right	20.47	/	/	16.18	/	/	<=23	Pass
	3624.99	Outer_Full	20.19	/	/	15.90	/	/	<=23	Pass
		Inner_Full	20.23	/	/	15.94	/	/	<=23	Pass
		Inner_1RB_Left	20.39	/	/	16.10	/	/	<=23	Pass
		Inner_1RB_Right	20.25	/	/	15.96	/	/	<=23	Pass
	3679.98	Outer_Full	20.54	/	/	16.25	/	/	<=23	Pass
		Inner_Full	20.51	/	/	16.22	/	/	<=23	Pass
		Inner_1RB_Left	20.39	/	/	16.10	/	/	<=23	Pass
		Inner_1RB_Right	20.46	/	/	16.17	/	/	<=23	Pass
CP-OFDM 256 QAM	3570	Outer_Full	17.74	/	/	13.45	/	/	<=23	Pass
		Inner_Full	17.79	/	/	13.50	/	/	<=23	Pass
		Inner_1RB_Left	17.73	/	/	13.44	/	/	<=23	Pass
		Inner_1RB_Right	17.69	/	/	13.40	/	/	<=23	Pass

	3624.99	Outer_Full	17.50	/	/	13.21	/	/	<=23	Pass
		Inner_Full	17.48	/	/	13.19	/	/	<=23	Pass
		Inner_1RB_Left	17.45	/	/	13.16	/	/	<=23	Pass
		Inner_1RB_Right	17.42	/	/	13.13	/	/	<=23	Pass
	3679.98	Outer_Full	17.72	/	/	13.43	/	/	<=23	Pass
		Inner_Full	17.80	/	/	13.51	/	/	<=23	Pass
		Inner_1RB_Left	17.61	/	/	13.32	/	/	<=23	Pass
		Inner_1RB_Right	17.65	/	/	13.36	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: -4.29dBi; Ant2: -4.29dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_MIMO_10M_NTNV_EIRP

5G NR n48 SCS=30kHz MIMO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Outer Full	19.78	19.79	22.80	15.49	15.50	18.51	<=23	Pass
		Inner Full	20.38	20.40	23.40	16.09	16.11	19.11	<=23	Pass
		Inner_1RB Left	20.16	20.18	23.18	15.87	15.89	18.89	<=23	Pass
		Inner_1RB Right	20.25	20.26	23.27	15.96	15.97	18.98	<=23	Pass
	3624.99	Outer Full	19.87	19.85	22.87	15.58	15.56	18.58	<=23	Pass
		Inner Full	20.27	20.25	23.27	15.98	15.96	18.98	<=23	Pass
		Inner_1RB Left	20.19	20.13	23.17	15.90	15.84	18.88	<=23	Pass
		Inner_1RB Right	20.22	20.21	23.22	15.93	15.92	18.94	<=23	Pass
	3694.98	Outer Full	19.58	19.54	22.57	15.29	15.25	18.28	<=23	Pass
		Inner Full	20.16	20.11	23.14	15.87	15.82	18.86	<=23	Pass
		Inner_1RB Left	20.24	20.19	23.23	15.95	15.90	18.94	<=23	Pass
		Inner_1RB Right	20.14	20.11	23.14	15.85	15.82	18.85	<=23	Pass
DFT-s-OFDM QPSK	3555	Outer Full	19.26	19.27	22.27	14.97	14.98	17.99	<=23	Pass
		Inner Full	20.38	20.39	23.39	16.09	16.10	19.11	<=23	Pass
		Inner_1RB Left	20.05	20.07	23.07	15.76	15.78	18.78	<=23	Pass
		Inner_1RB Right	20.13	20.14	23.14	15.84	15.85	18.86	<=23	Pass
	3624.99	Outer Full	19.34	19.31	22.34	15.05	15.02	18.05	<=23	Pass
		Inner Full	20.37	20.34	23.36	16.08	16.05	19.08	<=23	Pass
		Inner_1RB Left	20.25	20.20	23.23	15.96	15.91	18.95	<=23	Pass
		Inner_1RB Right	20.25	20.24	23.26	15.96	15.95	18.97	<=23	Pass
	3694.98	Outer Full	19.14	19.10	22.13	14.85	14.81	17.84	<=23	Pass
		Inner Full	20.19	20.15	23.18	15.90	15.86	18.89	<=23	Pass
		Inner_1RB Left	20.05	20.00	23.04	15.76	15.71	18.75	<=23	Pass
		Inner_1RB Right	19.97	19.94	22.97	15.68	15.65	18.68	<=23	Pass
DFT-s-OFDM 16 QAM	3555	Outer Full	18.29	18.30	21.31	14.00	14.01	17.02	<=23	Pass
		Inner Full	19.28	19.30	22.30	14.99	15.01	18.01	<=23	Pass
		Inner_1RB Left	19.35	19.36	22.36	15.06	15.07	18.08	<=23	Pass
		Inner_1RB Right	19.15	19.16	22.16	14.86	14.87	17.88	<=23	Pass
	3624.99	Outer Full	18.38	18.36	21.38	14.09	14.07	17.09	<=23	Pass
		Inner Full	19.42	19.40	22.42	15.13	15.11	18.13	<=23	Pass
		Inner_1RB Left	19.34	19.29	22.32	15.05	15.00	18.04	<=23	Pass
		Inner_1RB Right	19.15	19.15	22.16	14.86	14.86	17.87	<=23	Pass
	3694.98	Outer Full	18.17	18.12	21.16	13.88	13.83	16.87	<=23	Pass
		Inner Full	19.22	19.18	22.21	14.93	14.89	17.92	<=23	Pass
		Inner_1RB Left	19.26	19.21	22.24	14.97	14.92	17.96	<=23	Pass
		Inner_1RB Right	19.10	19.08	22.10	14.81	14.79	17.81	<=23	Pass
DFT-s-OFDM 64 QAM	3555	Outer Full	17.72	17.73	20.74	13.43	13.44	16.45	<=23	Pass
		Inner Full	17.81	17.82	20.82	13.52	13.53	16.54	<=23	Pass
		Inner_1RB Left	17.86	17.87	20.88	13.57	13.58	16.59	<=23	Pass
		Inner_1RB Right	17.86	17.87	20.88	13.57	13.58	16.59	<=23	Pass

	3624.99	Outer Full	17.69	17.67	20.69	13.40	13.38	16.40	<=23	Pass
		Inner Full	17.93	17.91	20.93	13.64	13.62	16.64	<=23	Pass
		Inner 1RB Left	17.93	17.89	20.92	13.64	13.60	16.63	<=23	Pass
		Inner 1RB Right	17.93	17.92	20.94	13.64	13.63	16.65	<=23	Pass
	3694.98	Outer Full	17.65	17.61	20.64	13.36	13.32	16.35	<=23	Pass
		Inner Full	17.70	17.66	20.69	13.41	13.37	16.40	<=23	Pass
		Inner 1RB Left	17.52	17.46	20.50	13.23	13.17	16.21	<=23	Pass
		Inner 1RB Right	17.69	17.66	20.68	13.40	13.37	16.40	<=23	Pass
DFT-s-OFDM 256 QAM	3555	Outer Full	15.85	15.86	18.87	11.56	11.57	14.58	<=23	Pass
		Inner Full	15.77	15.79	18.79	11.48	11.50	14.50	<=23	Pass
		Inner 1RB Left	15.62	15.64	18.64	11.33	11.35	14.35	<=23	Pass
		Inner 1RB Right	15.83	15.84	18.85	11.54	11.55	14.56	<=23	Pass
	3624.99	Outer Full	15.82	15.80	18.82	11.53	11.51	14.53	<=23	Pass
		Inner Full	15.79	15.77	18.79	11.50	11.48	14.50	<=23	Pass
		Inner 1RB Left	15.70	15.65	18.69	11.41	11.36	14.40	<=23	Pass
		Inner 1RB Right	15.79	15.79	18.80	11.50	11.50	14.51	<=23	Pass
	3694.98	Outer Full	15.63	15.58	18.62	11.34	11.29	14.33	<=23	Pass
		Inner Full	15.61	15.56	18.59	11.32	11.27	14.31	<=23	Pass
		Inner 1RB Left	15.53	15.48	18.52	11.24	11.19	14.23	<=23	Pass
		Inner 1RB Right	15.53	15.51	18.53	11.24	11.22	14.24	<=23	Pass
CP-OFDM QPSK	3555	Outer Full	17.20	17.21	20.21	12.91	12.92	15.93	<=23	Pass
		Inner Full	18.74	18.75	21.76	14.45	14.46	17.47	<=23	Pass
		Inner 1RB Left	18.66	18.69	21.69	14.37	14.40	17.40	<=23	Pass
		Inner 1RB Right	18.74	18.75	21.76	14.45	14.46	17.47	<=23	Pass
	3624.99	Outer Full	17.34	17.32	20.34	13.05	13.03	16.05	<=23	Pass
		Inner Full	18.80	18.79	21.81	14.51	14.50	17.52	<=23	Pass
		Inner 1RB Left	18.66	18.61	21.64	14.37	14.32	17.36	<=23	Pass
		Inner 1RB Right	18.75	18.75	21.76	14.46	14.46	17.47	<=23	Pass
	3694.98	Outer Full	17.11	17.07	20.10	12.82	12.78	15.81	<=23	Pass
		Inner Full	18.65	18.60	21.64	14.36	14.31	17.35	<=23	Pass
		Inner 1RB Left	18.61	18.55	21.59	14.32	14.26	17.30	<=23	Pass
		Inner 1RB Right	18.53	18.50	21.52	14.24	14.21	17.24	<=23	Pass
CP-OFDM 16 QAM	3555	Outer Full	17.34	17.35	20.36	13.05	13.06	16.07	<=23	Pass
		Inner Full	18.35	18.37	21.37	14.06	14.08	17.08	<=23	Pass
		Inner 1RB Left	18.11	18.13	21.13	13.82	13.84	16.84	<=23	Pass
		Inner 1RB Right	18.24	18.26	21.26	13.95	13.97	16.97	<=23	Pass
	3624.99	Outer Full	17.36	17.34	20.36	13.07	13.05	16.07	<=23	Pass
		Inner Full	18.38	18.36	21.38	14.09	14.07	17.09	<=23	Pass
		Inner 1RB Left	18.35	18.30	21.34	14.06	14.01	17.05	<=23	Pass
		Inner 1RB Right	18.16	18.16	21.17	13.87	13.87	16.88	<=23	Pass
	3694.98	Outer Full	17.20	17.16	20.19	12.91	12.87	15.90	<=23	Pass
		Inner Full	18.22	18.18	21.21	13.93	13.89	16.92	<=23	Pass
		Inner 1RB Left	18.17	18.11	21.15	13.88	13.82	16.86	<=23	Pass
		Inner 1RB Right	17.96	17.93	20.96	13.67	13.64	16.67	<=23	Pass
CP-OFDM 64 QAM	3555	Outer Full	16.75	16.77	19.77	12.46	12.48	15.48	<=23	Pass
		Inner Full	16.76	16.78	19.78	12.47	12.49	15.49	<=23	Pass
		Inner 1RB Left	16.66	16.68	19.68	12.37	12.39	15.39	<=23	Pass
		Inner 1RB Right	16.76	16.78	19.78	12.47	12.49	15.49	<=23	Pass
	3624.99	Outer Full	16.79	16.77	19.79	12.50	12.48	15.50	<=23	Pass
		Inner Full	16.79	16.77	19.79	12.50	12.48	15.50	<=23	Pass
		Inner 1RB Left	16.75	16.70	19.73	12.46	12.41	15.45	<=23	Pass
		Inner 1RB Right	16.69	16.69	19.70	12.40	12.40	15.41	<=23	Pass
	3694.98	Outer Full	16.61	16.57	19.60	12.32	12.28	15.31	<=23	Pass
		Inner Full	16.53	16.49	19.52	12.24	12.20	15.23	<=23	Pass
		Inner 1RB Left	16.76	16.71	19.75	12.47	12.42	15.46	<=23	Pass
		Inner 1RB Right	16.69	16.67	19.69	12.40	12.38	15.40	<=23	Pass
CP-OFDM 256 QAM	3555	Outer Full	13.86	13.88	16.88	9.57	9.59	12.59	<=23	Pass
		Inner Full	13.74	13.76	16.76	9.45	9.47	12.47	<=23	Pass

		Inner_1RB_Left	13.59	13.61	16.61	9.30	9.32	12.32	<=23	Pass
		Inner_1RB_Right	13.63	13.64	16.64	9.34	9.35	12.36	<=23	Pass
	3624.99	Outer_Full	13.88	13.87	16.89	9.59	9.58	12.60	<=23	Pass
		Inner_Full	13.88	13.86	16.88	9.59	9.57	12.59	<=23	Pass
		Inner_1RB_Left	13.67	13.63	16.66	9.38	9.34	12.37	<=23	Pass
		Inner_1RB_Right	13.68	13.68	16.69	9.39	9.39	12.40	<=23	Pass
	3694.98	Outer_Full	13.73	13.69	16.72	9.44	9.40	12.43	<=23	Pass
		Inner_Full	13.77	13.73	16.76	9.48	9.44	12.47	<=23	Pass
		Inner_1RB_Left	13.59	13.54	16.58	9.30	9.25	12.29	<=23	Pass
		Inner_1RB_Right	13.45	13.42	16.45	9.16	9.13	12.16	<=23	Pass
Note1: Antenna Gain: Ant1: -4.29dBi; Ant2: -4.29dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.6 30_MIMO_15M_NTNV_EIRP

5G NR n48 SCS=30kHz MIMO 15MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3557.52	Outer_Full	19.80	19.82	22.82	15.51	15.53	18.53	<=23	Pass
		Inner_Full	20.31	20.33	23.33	16.02	16.04	19.04	<=23	Pass
		Inner_1RB_Left	20.21	20.24	23.24	15.92	15.95	18.95	<=23	Pass
		Inner_1RB_Right	20.28	20.30	23.30	15.99	16.01	19.01	<=23	Pass
	3624.99	Outer_Full	19.90	19.87	22.89	15.61	15.58	18.61	<=23	Pass
		Inner_Full	20.35	20.33	23.35	16.06	16.04	19.06	<=23	Pass
		Inner_1RB_Left	20.17	20.10	23.15	15.88	15.81	18.86	<=23	Pass
		Inner_1RB_Right	20.38	20.38	23.39	16.09	16.09	19.10	<=23	Pass
	3692.49	Outer_Full	19.67	19.63	22.66	15.38	15.34	18.37	<=23	Pass
		Inner_Full	20.24	20.20	23.23	15.95	15.91	18.94	<=23	Pass
		Inner_1RB_Left	20.27	20.22	23.26	15.98	15.93	18.97	<=23	Pass
		Inner_1RB_Right	20.12	20.10	23.12	15.83	15.81	18.83	<=23	Pass
DFT-s-OFDM QPSK	3557.52	Outer_Full	19.33	19.35	22.35	15.04	15.06	18.06	<=23	Pass
		Inner_Full	20.32	20.34	23.34	16.03	16.05	19.05	<=23	Pass
		Inner_1RB_Left	20.16	20.19	23.18	15.87	15.90	18.90	<=23	Pass
		Inner_1RB_Right	20.17	20.19	23.19	15.88	15.90	18.90	<=23	Pass
	3624.99	Outer_Full	19.33	19.31	22.33	15.04	15.02	18.04	<=23	Pass
		Inner_Full	20.36	20.34	23.36	16.07	16.05	19.07	<=23	Pass
		Inner_1RB_Left	20.31	20.23	23.28	16.02	15.94	18.99	<=23	Pass
		Inner_1RB_Right	20.23	20.23	23.24	15.94	15.94	18.95	<=23	Pass
	3692.49	Outer_Full	19.13	19.09	22.12	14.84	14.80	17.83	<=23	Pass
		Inner_Full	20.20	20.16	23.19	15.91	15.87	18.90	<=23	Pass
		Inner_1RB_Left	20.15	20.10	23.13	15.86	15.81	18.85	<=23	Pass
		Inner_1RB_Right	19.94	19.92	22.94	15.65	15.63	18.65	<=23	Pass
DFT-s-OFDM 16 QAM	3557.52	Outer_Full	18.29	18.31	21.31	14.00	14.02	17.02	<=23	Pass
		Inner_Full	19.29	19.31	22.31	15.00	15.02	18.02	<=23	Pass
		Inner_1RB_Left	19.36	19.39	22.39	15.07	15.10	18.10	<=23	Pass
		Inner_1RB_Right	19.17	19.19	22.19	14.88	14.90	17.90	<=23	Pass
	3624.99	Outer_Full	18.36	18.33	21.36	14.07	14.04	17.07	<=23	Pass
		Inner_Full	19.34	19.32	22.34	15.05	15.03	18.05	<=23	Pass
		Inner_1RB_Left	19.44	19.37	22.42	15.15	15.08	18.13	<=23	Pass
		Inner_1RB_Right	19.41	19.41	22.42	15.12	15.12	18.13	<=23	Pass
	3692.49	Outer_Full	18.16	18.12	21.15	13.87	13.83	16.86	<=23	Pass
		Inner_Full	19.28	19.24	22.27	14.99	14.95	17.98	<=23	Pass
		Inner_1RB_Left	19.01	18.96	21.99	14.72	14.67	17.71	<=23	Pass
		Inner_1RB_Right	18.95	18.93	21.95	14.66	14.64	17.66	<=23	Pass
DFT-s-OFDM 64 QAM	3557.52	Outer_Full	17.77	17.79	20.79	13.48	13.50	16.50	<=23	Pass
		Inner_Full	17.77	17.79	20.79	13.48	13.50	16.50	<=23	Pass

		Inner_1RB_Left	17.69	17.72	20.71	13.40	13.43	16.43	<=23	Pass
		Inner_1RB_Right	17.67	17.69	20.69	13.38	13.40	16.40	<=23	Pass
	3624.99	Outer_Full	17.86	17.84	20.86	13.57	13.55	16.57	<=23	Pass
		Inner_Full	17.90	17.88	20.90	13.61	13.59	16.61	<=23	Pass
		Inner_1RB_Left	17.92	17.85	20.90	13.63	13.56	16.61	<=23	Pass
		Inner_1RB_Right	17.93	17.92	20.94	13.64	13.63	16.65	<=23	Pass
	3692.49	Outer_Full	17.73	17.69	20.72	13.44	13.40	16.43	<=23	Pass
		Inner_Full	17.76	17.72	20.75	13.47	13.43	16.46	<=23	Pass
		Inner_1RB_Left	17.78	17.73	20.77	13.49	13.44	16.48	<=23	Pass
		Inner_1RB_Right	17.70	17.69	20.70	13.41	13.40	16.42	<=23	Pass
DFT-s-OFDM 256 QAM	3557.52	Outer_Full	15.74	15.76	18.76	11.45	11.47	14.47	<=23	Pass
		Inner_Full	15.74	15.76	18.76	11.45	11.47	14.47	<=23	Pass
		Inner_1RB_Left	15.78	15.81	18.80	11.49	11.52	14.52	<=23	Pass
		Inner_1RB_Right	15.81	15.83	18.83	11.52	11.54	14.54	<=23	Pass
	3624.99	Outer_Full	15.85	15.82	18.85	11.56	11.53	14.56	<=23	Pass
		Inner_Full	15.77	15.75	18.77	11.48	11.46	14.48	<=23	Pass
		Inner_1RB_Left	15.88	15.81	18.86	11.59	11.52	14.57	<=23	Pass
		Inner_1RB_Right	15.74	15.74	18.75	11.45	11.45	14.46	<=23	Pass
	3692.49	Outer_Full	15.70	15.66	18.69	11.41	11.37	14.40	<=23	Pass
		Inner_Full	15.65	15.61	18.64	11.36	11.32	14.35	<=23	Pass
		Inner_1RB_Left	15.78	15.73	18.77	11.49	11.44	14.48	<=23	Pass
		Inner_1RB_Right	15.59	15.58	18.60	11.30	11.29	14.31	<=23	Pass
CP-OFDM QPSK	3557.52	Outer_Full	17.25	17.27	20.27	12.96	12.98	15.98	<=23	Pass
		Inner_Full	18.85	18.87	21.87	14.56	14.58	17.58	<=23	Pass
		Inner_1RB_Left	18.70	18.72	21.72	14.41	14.43	17.43	<=23	Pass
		Inner_1RB_Right	18.72	18.74	21.74	14.43	14.45	17.45	<=23	Pass
	3624.99	Outer_Full	17.32	17.30	20.32	13.03	13.01	16.03	<=23	Pass
		Inner_Full	18.81	18.79	21.81	14.52	14.50	17.52	<=23	Pass
		Inner_1RB_Left	18.82	18.75	21.80	14.53	14.46	17.51	<=23	Pass
		Inner_1RB_Right	18.70	18.70	21.71	14.41	14.41	17.42	<=23	Pass
	3692.49	Outer_Full	17.14	17.10	20.13	12.85	12.81	15.84	<=23	Pass
		Inner_Full	18.71	18.67	21.70	14.42	14.38	17.41	<=23	Pass
		Inner_1RB_Left	18.63	18.57	21.61	14.34	14.28	17.32	<=23	Pass
		Inner_1RB_Right	18.43	18.41	21.43	14.14	14.12	17.14	<=23	Pass
CP-OFDM 16 QAM	3557.52	Outer_Full	17.36	17.38	20.38	13.07	13.09	16.09	<=23	Pass
		Inner_Full	18.28	18.30	21.30	13.99	14.01	17.01	<=23	Pass
		Inner_1RB_Left	18.24	18.26	21.26	13.95	13.97	16.97	<=23	Pass
		Inner_1RB_Right	18.21	18.23	21.23	13.92	13.94	16.94	<=23	Pass
	3624.99	Outer_Full	17.32	17.30	20.32	13.03	13.01	16.03	<=23	Pass
		Inner_Full	18.38	18.36	21.38	14.09	14.07	17.09	<=23	Pass
		Inner_1RB_Left	18.27	18.20	21.24	13.98	13.91	16.96	<=23	Pass
		Inner_1RB_Right	18.32	18.31	21.33	14.03	14.02	17.04	<=23	Pass
	3692.49	Outer_Full	17.15	17.11	20.14	12.86	12.82	15.85	<=23	Pass
		Inner_Full	18.24	18.20	21.23	13.95	13.91	16.94	<=23	Pass
		Inner_1RB_Left	18.24	18.19	21.23	13.95	13.90	16.94	<=23	Pass
		Inner_1RB_Right	18.26	18.24	21.26	13.97	13.95	16.97	<=23	Pass
CP-OFDM 64 QAM	3557.52	Outer_Full	16.89	16.91	19.91	12.60	12.62	15.62	<=23	Pass
		Inner_Full	16.73	16.75	19.75	12.44	12.46	15.46	<=23	Pass
		Inner_1RB_Left	16.79	16.81	19.81	12.50	12.52	15.52	<=23	Pass
		Inner_1RB_Right	16.90	16.92	19.92	12.61	12.63	15.63	<=23	Pass
	3624.99	Outer_Full	16.74	16.71	19.74	12.45	12.42	15.45	<=23	Pass
		Inner_Full	16.72	16.70	19.72	12.43	12.41	15.43	<=23	Pass
		Inner_1RB_Left	16.96	16.89	19.94	12.67	12.60	15.65	<=23	Pass
		Inner_1RB_Right	16.91	16.91	19.92	12.62	12.62	15.63	<=23	Pass
	3692.49	Outer_Full	16.59	16.56	19.59	12.30	12.27	15.30	<=23	Pass
		Inner_Full	16.51	16.47	19.50	12.22	12.18	15.21	<=23	Pass
		Inner_1RB_Left	16.69	16.65	19.68	12.40	12.36	15.39	<=23	Pass
		Inner_1RB_Right	16.59	16.57	19.59	12.30	12.28	15.30	<=23	Pass

CP-OFDM 256 QAM	3557.52	Outer_Full	13.78	13.81	16.81	9.49	9.52	12.52	<=23	Pass
		Inner_Full	13.83	13.85	16.85	9.54	9.56	12.56	<=23	Pass
		Inner_1RB_Left	13.57	13.60	16.60	9.28	9.31	12.31	<=23	Pass
		Inner_1RB_Right	13.63	13.65	16.65	9.34	9.36	12.36	<=23	Pass
	3624.99	Outer_Full	13.80	13.77	16.80	9.51	9.48	12.51	<=23	Pass
		Inner_Full	13.85	13.83	16.85	9.56	9.54	12.56	<=23	Pass
		Inner_1RB_Left	13.75	13.68	16.73	9.46	9.39	12.44	<=23	Pass
		Inner_1RB_Right	13.72	13.72	16.73	9.43	9.43	12.44	<=23	Pass
	3692.49	Outer_Full	13.69	13.65	16.68	9.40	9.36	12.39	<=23	Pass
		Inner_Full	13.77	13.73	16.76	9.48	9.44	12.47	<=23	Pass
		Inner_1RB_Left	13.56	13.51	16.55	9.27	9.22	12.26	<=23	Pass
		Inner_1RB_Right	13.46	13.44	16.46	9.17	9.15	12.17	<=23	Pass
Note1: Antenna Gain: Ant1: -4.29dBi; Ant2: -4.29dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.7 30_MIMO_20M_NTNV_EIRP

5G NR n48 SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Outer Full	19.83	19.86	22.86	15.54	15.57	18.57	<=23	Pass
		Inner Full	20.32	20.35	23.34	16.03	16.06	19.06	<=23	Pass
		Inner 1RB Left	20.25	20.29	23.28	15.96	16.00	18.99	<=23	Pass
		Inner 1RB Right	20.21	20.24	23.23	15.92	15.95	18.95	<=23	Pass
	3624.99	Outer Full	19.85	19.82	22.84	15.56	15.53	18.56	<=23	Pass
		Inner Full	20.36	20.33	23.35	16.07	16.04	19.07	<=23	Pass
		Inner 1RB Left	20.40	20.31	23.36	16.11	16.02	19.08	<=23	Pass
		Inner 1RB Right	20.37	20.37	23.38	16.08	16.08	19.09	<=23	Pass
	3690	Outer Full	19.74	19.69	22.72	15.45	15.40	18.44	<=23	Pass
		Inner Full	20.26	20.22	23.25	15.97	15.93	18.96	<=23	Pass
		Inner 1RB Left	20.26	20.20	23.24	15.97	15.91	18.95	<=23	Pass
		Inner 1RB Right	20.17	20.15	23.17	15.88	15.86	18.88	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Outer Full	19.31	19.34	22.34	15.02	15.05	18.05	<=23	Pass
		Inner Full	20.30	20.33	23.33	16.01	16.04	19.04	<=23	Pass
		Inner 1RB Left	20.22	20.26	23.25	15.93	15.97	18.96	<=23	Pass
		Inner 1RB Right	20.19	20.22	23.21	15.90	15.93	18.93	<=23	Pass
	3624.99	Outer Full	19.32	19.29	22.32	15.03	15.00	18.03	<=23	Pass
		Inner Full	20.30	20.27	23.30	16.01	15.98	19.01	<=23	Pass
		Inner 1RB Left	20.27	20.17	23.23	15.98	15.88	18.94	<=23	Pass
		Inner 1RB Right	20.28	20.28	23.29	15.99	15.99	19.00	<=23	Pass
	3690	Outer Full	19.26	19.22	22.25	14.97	14.93	17.96	<=23	Pass
		Inner Full	20.26	20.21	23.24	15.97	15.92	18.96	<=23	Pass
		Inner 1RB Left	20.10	20.04	23.08	15.81	15.75	18.79	<=23	Pass
		Inner 1RB Right	19.95	19.93	22.95	15.66	15.64	18.66	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer Full	18.24	18.27	21.27	13.95	13.98	16.98	<=23	Pass
		Inner Full	19.29	19.33	22.32	15.00	15.04	18.03	<=23	Pass
		Inner 1RB Left	19.19	19.23	22.22	14.90	14.94	17.93	<=23	Pass
		Inner 1RB Right	19.26	19.29	22.28	14.97	15.00	18.00	<=23	Pass
	3624.99	Outer Full	18.23	18.19	21.22	13.94	13.90	16.93	<=23	Pass
		Inner Full	19.37	19.35	22.37	15.08	15.06	18.08	<=23	Pass
		Inner 1RB Left	19.49	19.40	22.46	15.20	15.11	18.17	<=23	Pass
		Inner 1RB Right	19.50	19.50	22.51	15.21	15.21	18.22	<=23	Pass
	3690	Outer Full	18.29	18.25	21.28	14.00	13.96	16.99	<=23	Pass
		Inner Full	19.30	19.25	22.29	15.01	14.96	18.00	<=23	Pass
		Inner 1RB Left	19.31	19.26	22.30	15.02	14.97	18.01	<=23	Pass
		Inner 1RB Right	19.01	19.00	22.02	14.72	14.71	17.73	<=23	Pass

DFT-s-OFDM 64 QAM	3560.01	Outer Full	17.70	17.74	20.73	13.41	13.45	16.44	<=23	Pass
		Inner Full	17.76	17.79	20.79	13.47	13.50	16.50	<=23	Pass
		Inner 1RB Left	17.96	18.01	21.00	13.67	13.72	16.71	<=23	Pass
		Inner 1RB Right	17.90	17.93	20.93	13.61	13.64	16.64	<=23	Pass
	3624.99	Outer Full	17.78	17.75	20.78	13.49	13.46	16.49	<=23	Pass
		Inner Full	17.72	17.69	20.71	13.43	13.40	16.43	<=23	Pass
		Inner 1RB Left	17.77	17.68	20.73	13.48	13.39	16.45	<=23	Pass
		Inner 1RB Right	17.91	17.90	20.92	13.62	13.61	16.63	<=23	Pass
	3690	Outer Full	17.71	17.66	20.70	13.42	13.37	16.41	<=23	Pass
		Inner Full	17.76	17.72	20.75	13.47	13.43	16.46	<=23	Pass
		Inner 1RB Left	17.77	17.72	20.76	13.48	13.43	16.47	<=23	Pass
		Inner 1RB Right	17.47	17.45	20.47	13.18	13.16	16.18	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer Full	15.85	15.89	18.88	11.56	11.60	14.59	<=23	Pass
		Inner Full	15.76	15.79	18.79	11.47	11.50	14.50	<=23	Pass
		Inner 1RB Left	15.78	15.82	18.81	11.49	11.53	14.52	<=23	Pass
		Inner 1RB Right	15.70	15.74	18.73	11.41	11.45	14.44	<=23	Pass
	3624.99	Outer Full	15.83	15.80	18.82	11.54	11.51	14.54	<=23	Pass
		Inner Full	15.77	15.75	18.77	11.48	11.46	14.48	<=23	Pass
		Inner 1RB Left	15.93	15.84	18.89	11.64	11.55	14.61	<=23	Pass
		Inner 1RB Right	15.87	15.87	18.88	11.58	11.58	14.59	<=23	Pass
	3690	Outer Full	15.72	15.67	18.71	11.43	11.38	14.42	<=23	Pass
		Inner Full	15.63	15.59	18.62	11.34	11.30	14.33	<=23	Pass
		Inner 1RB Left	15.80	15.75	18.78	11.51	11.46	14.50	<=23	Pass
		Inner 1RB Right	15.75	15.74	18.75	11.46	11.45	14.47	<=23	Pass
CP-OFDM QPSK	3560.01	Outer Full	17.36	17.40	20.39	13.07	13.11	16.10	<=23	Pass
		Inner Full	18.78	18.82	21.81	14.49	14.53	17.52	<=23	Pass
		Inner 1RB Left	18.74	18.78	21.77	14.45	14.49	17.48	<=23	Pass
		Inner 1RB Right	18.64	18.67	21.67	14.35	14.38	17.38	<=23	Pass
	3624.99	Outer Full	17.33	17.30	20.33	13.04	13.01	16.04	<=23	Pass
		Inner Full	18.89	18.86	21.88	14.60	14.57	17.60	<=23	Pass
		Inner 1RB Left	18.82	18.73	21.79	14.53	14.44	17.50	<=23	Pass
		Inner 1RB Right	18.82	18.82	21.83	14.53	14.53	17.54	<=23	Pass
	3690	Outer Full	17.24	17.20	20.23	12.95	12.91	15.94	<=23	Pass
		Inner Full	18.86	18.81	21.84	14.57	14.52	17.56	<=23	Pass
		Inner 1RB Left	18.66	18.60	21.64	14.37	14.31	17.35	<=23	Pass
		Inner 1RB Right	18.65	18.64	21.65	14.36	14.35	17.37	<=23	Pass
CP-OFDM 16 QAM	3560.01	Outer Full	17.33	17.37	20.36	13.04	13.08	16.07	<=23	Pass
		Inner Full	18.27	18.30	21.30	13.98	14.01	17.01	<=23	Pass
		Inner 1RB Left	18.35	18.39	21.38	14.06	14.10	17.09	<=23	Pass
		Inner 1RB Right	18.30	18.33	21.32	14.01	14.04	17.04	<=23	Pass
	3624.99	Outer Full	17.34	17.31	20.33	13.05	13.02	16.05	<=23	Pass
		Inner Full	18.32	18.30	21.32	14.03	14.01	17.03	<=23	Pass
		Inner 1RB Left	18.37	18.28	21.34	14.08	13.99	17.05	<=23	Pass
		Inner 1RB Right	18.34	18.34	21.35	14.05	14.05	17.06	<=23	Pass
	3690	Outer Full	17.29	17.25	20.28	13.00	12.96	15.99	<=23	Pass
		Inner Full	18.25	18.20	21.23	13.96	13.91	16.95	<=23	Pass
		Inner 1RB Left	18.28	18.22	21.26	13.99	13.93	16.97	<=23	Pass
		Inner 1RB Right	18.18	18.17	21.19	13.89	13.88	16.90	<=23	Pass
CP-OFDM 64 QAM	3560.01	Outer Full	16.88	16.92	19.91	12.59	12.63	15.62	<=23	Pass
		Inner Full	16.90	16.93	19.92	12.61	12.64	15.64	<=23	Pass
		Inner 1RB Left	16.86	16.91	19.90	12.57	12.62	15.61	<=23	Pass
		Inner 1RB Right	16.99	17.03	20.02	12.70	12.74	15.73	<=23	Pass
	3624.99	Outer Full	16.80	16.77	19.80	12.51	12.48	15.51	<=23	Pass
		Inner Full	16.83	16.80	19.83	12.54	12.51	15.54	<=23	Pass
		Inner 1RB Left	16.88	16.79	19.85	12.59	12.50	15.56	<=23	Pass
		Inner 1RB Right	16.85	16.85	19.86	12.56	12.56	15.57	<=23	Pass
	3690	Outer Full	16.72	16.68	19.71	12.43	12.39	15.42	<=23	Pass
		Inner Full	16.73	16.69	19.72	12.44	12.40	15.43	<=23	Pass

CP-OFDM 256 QAM		Inner_1RB_Left	16.84	16.79	19.82	12.55	12.50	15.54	<=23	Pass
		Inner_1RB_Right	16.55	16.54	19.56	12.26	12.25	15.27	<=23	Pass
	3560.01	Outer_Full	13.83	13.87	16.86	9.54	9.58	12.57	<=23	Pass
		Inner_Full	13.94	13.98	16.97	9.65	9.69	12.68	<=23	Pass
		Inner_1RB_Left	13.83	13.88	16.87	9.54	9.59	12.58	<=23	Pass
		Inner_1RB_Right	13.68	13.72	16.71	9.39	9.43	12.42	<=23	Pass
	3624.99	Outer_Full	13.87	13.84	16.87	9.58	9.55	12.58	<=23	Pass
		Inner_Full	13.96	13.93	16.95	9.67	9.64	12.67	<=23	Pass
		Inner_1RB_Left	13.90	13.80	16.86	9.61	9.51	12.57	<=23	Pass
		Inner_1RB_Right	13.89	13.89	16.90	9.60	9.60	12.61	<=23	Pass
	3690	Outer_Full	13.78	13.74	16.77	9.49	9.45	12.48	<=23	Pass
		Inner_Full	13.75	13.71	16.74	9.46	9.42	12.45	<=23	Pass
		Inner_1RB_Left	13.66	13.61	16.65	9.37	9.32	12.36	<=23	Pass
		Inner_1RB_Right	13.55	13.54	16.55	9.26	9.25	12.27	<=23	Pass
Note1: Antenna Gain: Ant1: -4.29dBi; Ant2: -4.29dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.8 30_MIMO_40M_NTNV_EIRP

5G NR n48 SCS=30kHz MIMO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	19.70	19.69	22.71	15.41	15.40	18.42	<=23	Pass
		Inner_Full	20.11	20.08	23.11	15.82	15.79	18.82	<=23	Pass
		Inner_1RB_Left	20.17	20.18	23.19	15.88	15.89	18.90	<=23	Pass
		Inner_1RB_Right	20.14	20.18	23.17	15.85	15.89	18.88	<=23	Pass
	3624.99	Outer_Full	19.65	19.60	22.64	15.36	15.31	18.35	<=23	Pass
		Inner_Full	20.21	20.18	23.21	15.92	15.89	18.92	<=23	Pass
		Inner_1RB_Left	20.26	20.15	23.22	15.97	15.86	18.93	<=23	Pass
		Inner_1RB_Right	20.24	20.21	23.23	15.95	15.92	18.95	<=23	Pass
	3679.98	Outer_Full	19.59	19.55	22.58	15.30	15.26	18.29	<=23	Pass
		Inner_Full	20.18	20.14	23.17	15.89	15.85	18.88	<=23	Pass
		Inner_1RB_Left	20.13	20.10	23.12	15.84	15.81	18.84	<=23	Pass
		Inner_1RB_Right	20.13	20.14	23.15	15.84	15.85	18.86	<=23	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	19.05	19.03	22.05	14.76	14.74	17.76	<=23	Pass
		Inner_Full	20.14	20.11	23.14	15.85	15.82	18.85	<=23	Pass
		Inner_1RB_Left	20.15	20.16	23.17	15.86	15.87	18.88	<=23	Pass
		Inner_1RB_Right	20.15	20.18	23.18	15.86	15.89	18.89	<=23	Pass
	3624.99	Outer_Full	19.16	19.12	22.15	14.87	14.83	17.86	<=23	Pass
		Inner_Full	20.20	20.17	23.20	15.91	15.88	18.91	<=23	Pass
		Inner_1RB_Left	20.20	20.08	23.15	15.91	15.79	18.86	<=23	Pass
		Inner_1RB_Right	20.13	20.11	23.13	15.84	15.82	18.84	<=23	Pass
	3679.98	Outer_Full	19.13	19.09	22.12	14.84	14.80	17.83	<=23	Pass
		Inner_Full	20.23	20.19	23.22	15.94	15.90	18.93	<=23	Pass
		Inner_1RB_Left	20.00	19.95	22.99	15.71	15.66	18.70	<=23	Pass
		Inner_1RB_Right	19.88	19.90	22.90	15.59	15.61	18.61	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	18.10	18.09	21.10	13.81	13.80	16.82	<=23	Pass
		Inner_Full	19.12	19.09	22.12	14.83	14.80	17.83	<=23	Pass
		Inner_1RB_Left	19.01	19.02	22.02	14.72	14.73	17.74	<=23	Pass
		Inner_1RB_Right	18.99	19.02	22.01	14.70	14.73	17.73	<=23	Pass
	3624.99	Outer_Full	18.23	18.18	21.22	13.94	13.89	16.93	<=23	Pass
		Inner_Full	19.25	19.22	22.25	14.96	14.93	17.96	<=23	Pass
		Inner_1RB_Left	19.19	19.07	22.14	14.90	14.78	17.85	<=23	Pass
		Inner_1RB_Right	19.39	19.36	22.39	15.10	15.07	18.10	<=23	Pass
	3679.98	Outer_Full	18.17	18.13	21.16	13.88	13.84	16.87	<=23	Pass
		Inner_Full	19.21	19.17	22.20	14.92	14.88	17.91	<=23	Pass

		Inner_1RB_Left	19.37	19.33	22.36	15.08	15.04	18.07	<=23	Pass
		Inner_1RB_Right	19.27	19.28	22.28	14.98	14.99	18.00	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	17.56	17.55	20.57	13.27	13.26	16.28	<=23	Pass
		Inner_Full	17.54	17.51	20.53	13.25	13.22	16.25	<=23	Pass
		Inner_1RB_Left	17.81	17.82	20.82	13.52	13.53	16.54	<=23	Pass
		Inner_1RB_Right	17.67	17.71	20.70	13.38	13.42	16.41	<=23	Pass
		Outer_Full	17.68	17.63	20.67	13.39	13.34	16.38	<=23	Pass
	3624.99	Inner_Full	17.64	17.61	20.64	13.35	13.32	16.35	<=23	Pass
		Inner_1RB_Left	17.91	17.80	20.86	13.62	13.51	16.58	<=23	Pass
		Inner_1RB_Right	17.82	17.79	20.82	13.53	13.50	16.53	<=23	Pass
		Outer_Full	17.69	17.65	20.68	13.40	13.36	16.39	<=23	Pass
	3679.98	Inner_Full	17.66	17.62	20.65	13.37	13.33	16.36	<=23	Pass
		Inner_1RB_Left	17.72	17.67	20.70	13.43	13.38	16.42	<=23	Pass
		Inner_1RB_Right	17.56	17.57	20.57	13.27	13.28	16.29	<=23	Pass
Outer_Full		15.55	15.53	18.55	11.26	11.24	14.26	<=23	Pass	
DFT-s-OFDM 256 QAM	3570	Inner_Full	15.58	15.55	18.58	11.29	11.26	14.29	<=23	Pass
		Inner_1RB_Left	15.73	15.74	18.74	11.44	11.45	14.46	<=23	Pass
		Inner_1RB_Right	15.70	15.73	18.73	11.41	11.44	14.44	<=23	Pass
		Outer_Full	15.65	15.61	18.64	11.36	11.32	14.35	<=23	Pass
	3624.99	Inner_Full	15.71	15.67	18.70	11.42	11.38	14.41	<=23	Pass
		Inner_1RB_Left	15.86	15.75	18.82	11.57	11.46	14.53	<=23	Pass
		Inner_1RB_Right	15.87	15.85	18.87	11.58	11.56	14.58	<=23	Pass
		Outer_Full	15.65	15.61	18.64	11.36	11.32	14.35	<=23	Pass
	3679.98	Inner_Full	15.69	15.65	18.68	11.40	11.36	14.39	<=23	Pass
		Inner_1RB_Left	15.51	15.47	18.50	11.22	11.18	14.21	<=23	Pass
		Inner_1RB_Right	15.56	15.57	18.58	11.27	11.28	14.29	<=23	Pass
		Outer_Full	17.05	17.03	20.05	12.76	12.74	15.76	<=23	Pass
CP-OFDM QPSK	3570	Inner_Full	18.54	18.51	21.53	14.25	14.22	17.25	<=23	Pass
		Inner_1RB_Left	18.72	18.73	21.74	14.43	14.44	17.45	<=23	Pass
		Inner_1RB_Right	18.62	18.65	21.65	14.33	14.36	17.36	<=23	Pass
		Outer_Full	17.16	17.11	20.14	12.87	12.82	15.86	<=23	Pass
	3624.99	Inner_Full	18.80	18.78	21.80	14.51	14.49	17.51	<=23	Pass
		Inner_1RB_Left	18.71	18.59	21.66	14.42	14.30	17.37	<=23	Pass
		Inner_1RB_Right	18.71	18.68	21.71	14.42	14.39	17.42	<=23	Pass
		Outer_Full	17.15	17.12	20.14	12.86	12.83	15.86	<=23	Pass
	3679.98	Inner_Full	18.68	18.64	21.67	14.39	14.35	17.38	<=23	Pass
		Inner_1RB_Left	18.66	18.62	21.65	14.37	14.33	17.36	<=23	Pass
		Inner_1RB_Right	18.47	18.48	21.49	14.18	14.19	17.20	<=23	Pass
		Outer_Full	17.03	17.01	20.03	12.74	12.72	15.74	<=23	Pass
CP-OFDM 16 QAM	3570	Inner_Full	18.07	18.04	21.07	13.78	13.75	16.78	<=23	Pass
		Inner_1RB_Left	18.26	18.27	21.28	13.97	13.98	16.99	<=23	Pass
		Inner_1RB_Right	18.17	18.20	21.20	13.88	13.91	16.91	<=23	Pass
		Outer_Full	17.19	17.15	20.18	12.90	12.86	15.89	<=23	Pass
	3624.99	Inner_Full	18.18	18.16	21.18	13.89	13.87	16.89	<=23	Pass
		Inner_1RB_Left	18.33	18.22	21.29	14.04	13.93	17.00	<=23	Pass
		Inner_1RB_Right	18.12	18.10	21.12	13.83	13.81	16.83	<=23	Pass
		Outer_Full	17.07	17.03	20.06	12.78	12.74	15.77	<=23	Pass
	3679.98	Inner_Full	18.21	18.17	21.20	13.92	13.88	16.91	<=23	Pass
		Inner_1RB_Left	18.17	18.13	21.16	13.88	13.84	16.87	<=23	Pass
		Inner_1RB_Right	18.10	18.11	21.11	13.81	13.82	16.83	<=23	Pass
		Outer_Full	16.55	16.54	19.55	12.26	12.25	15.27	<=23	Pass
CP-OFDM 64 QAM	3570	Inner_Full	16.54	16.51	19.53	12.25	12.22	15.25	<=23	Pass
		Inner_1RB_Left	16.72	16.73	19.74	12.43	12.44	15.45	<=23	Pass
		Inner_1RB_Right	16.79	16.83	19.82	12.50	12.54	15.53	<=23	Pass
		Outer_Full	16.74	16.70	19.73	12.45	12.41	15.44	<=23	Pass
	3624.99	Inner_Full	16.73	16.70	19.73	12.44	12.41	15.44	<=23	Pass
		Inner_1RB_Left	16.84	16.73	19.80	12.55	12.44	15.51	<=23	Pass
		Inner_1RB_Right	16.85	16.83	19.85	12.56	12.54	15.56	<=23	Pass

	3679.98	Outer_Full	16.64	16.60	19.63	12.35	12.31	15.34	<=23	Pass
		Inner_Full	16.73	16.69	19.72	12.44	12.40	15.43	<=23	Pass
		Inner_1RB Left	16.65	16.61	19.64	12.36	12.32	15.35	<=23	Pass
		Inner_1RB Right	16.78	16.79	19.79	12.49	12.50	15.51	<=23	Pass
CP-OFDM 256 QAM	3570	Outer_Full	13.57	13.56	16.58	9.28	9.27	12.29	<=23	Pass
		Inner_Full	13.57	13.54	16.56	9.28	9.25	12.28	<=23	Pass
		Inner_1RB Left	13.65	13.66	16.67	9.36	9.37	12.38	<=23	Pass
		Inner_1RB Right	13.64	13.67	16.66	9.35	9.38	12.38	<=23	Pass
	3624.99	Outer_Full	13.78	13.75	16.77	9.49	9.46	12.49	<=23	Pass
		Inner_Full	13.71	13.69	16.71	9.42	9.40	12.42	<=23	Pass
		Inner_1RB Left	13.70	13.59	16.65	9.41	9.30	12.37	<=23	Pass
		Inner_1RB Right	13.61	13.59	16.61	9.32	9.30	12.32	<=23	Pass
	3679.98	Outer_Full	13.64	13.61	16.64	9.35	9.32	12.35	<=23	Pass
		Inner_Full	13.71	13.68	16.71	9.42	9.39	12.42	<=23	Pass
		Inner_1RB Left	13.77	13.73	16.76	9.48	9.44	12.47	<=23	Pass
		Inner_1RB Right	13.55	13.56	16.57	9.26	9.27	12.28	<=23	Pass
Note1: Antenna Gain: Ant1: -4.29dBi; Ant2: -4.29dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

Remark : Total channel power is complied with EIRP limit 23dBm/10MHz.

2. Frequency Stability

2.1 Test Result

2.1.1 30_SISO_40M

5G NR n48 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	20	LV	-7.80	-0.0022	>=-2.5 & <=2.5	Pass
				HV	-7.00	-0.0019	>=-2.5 & <=2.5	Pass
			-30	NV	-5.10	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-6.70	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-4.60	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-5.20	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-8.80	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-8.60	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-7.50	-0.0021	>=-2.5 & <=2.5	Pass
			40	NV	-6.50	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-6.40	-0.0018	>=-2.5 & <=2.5	Pass
			CP-OFDM QPSK	3624.99	Outer_Full	20	LV	-5.90
HV	-5.60	-0.0015					>=-2.5 & <=2.5	Pass
-30	NV	-4.00				-0.0011	>=-2.5 & <=2.5	Pass
-20	NV	-7.40				-0.0020	>=-2.5 & <=2.5	Pass
-10	NV	-7.10				-0.0020	>=-2.5 & <=2.5	Pass
0	NV	-4.20				-0.0012	>=-2.5 & <=2.5	Pass
10	NV	-3.20				-0.0009	>=-2.5 & <=2.5	Pass
20	NV	-4.30				-0.0012	>=-2.5 & <=2.5	Pass
30	NV	-4.10				-0.0011	>=-2.5 & <=2.5	Pass
40	NV	-5.00				-0.0014	>=-2.5 & <=2.5	Pass
50	NV	-6.10				-0.0017	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_SISO_10M_NTNV

5G NR n48 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3555	Outer_Full	8.59	9.29	/	Pass
	3624.99	Outer_Full	8.60	9.42	/	Pass
	3694.98	Outer_Full	8.60	9.35	/	Pass
DFT-s-OFDM QPSK	3555	Outer_Full	8.64	9.42	/	Pass
	3624.99	Outer_Full	8.59	9.42	/	Pass
	3694.98	Outer_Full	8.58	9.40	/	Pass
DFT-s-OFDM 16 QAM	3555	Outer_Full	8.60	9.41	/	Pass
	3624.99	Outer_Full	8.59	9.41	/	Pass
	3694.98	Outer_Full	8.58	9.37	/	Pass
DFT-s-OFDM 64 QAM	3555	Outer_Full	8.62	9.51	/	Pass
	3624.99	Outer_Full	8.57	9.42	/	Pass
	3694.98	Outer_Full	8.59	9.44	/	Pass
DFT-s-OFDM 256 QAM	3555	Outer_Full	8.61	9.38	/	Pass
	3624.99	Outer_Full	8.59	9.45	/	Pass
	3694.98	Outer_Full	8.59	9.44	/	Pass
CP-OFDM QPSK	3555	Outer_Full	8.65	9.51	/	Pass
	3624.99	Outer_Full	8.61	9.39	/	Pass
	3694.98	Outer_Full	8.60	9.40	/	Pass
CP-OFDM 16 QAM	3555	Outer_Full	8.62	9.37	/	Pass
	3624.99	Outer_Full	8.64	9.38	/	Pass
	3694.98	Outer_Full	8.62	9.35	/	Pass
CP-OFDM 64 QAM	3555	Outer_Full	8.63	9.30	/	Pass
	3624.99	Outer_Full	8.62	9.34	/	Pass
	3694.98	Outer_Full	8.63	9.30	/	Pass
CP-OFDM 256 QAM	3555	Outer_Full	8.60	9.47	/	Pass
	3624.99	Outer_Full	8.63	9.40	/	Pass
	3694.98	Outer_Full	8.62	9.37	/	Pass

3.1.2 30_SISO_15M_NTNV

5G NR n48 SCS=30kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3557.52	Outer_Full	12.94	13.74	/	Pass
	3624.99	Outer_Full	12.92	13.72	/	Pass
	3692.49	Outer_Full	12.88	13.79	/	Pass
DFT-s-OFDM QPSK	3557.52	Outer_Full	12.91	13.81	/	Pass
	3624.99	Outer_Full	12.97	13.89	/	Pass
	3692.49	Outer_Full	12.92	13.82	/	Pass
DFT-s-OFDM 16 QAM	3557.52	Outer_Full	12.98	13.83	/	Pass
	3624.99	Outer_Full	12.96	13.70	/	Pass
	3692.49	Outer_Full	12.96	13.90	/	Pass
DFT-s-OFDM 64 QAM	3557.52	Outer_Full	12.94	13.82	/	Pass
	3624.99	Outer_Full	12.91	13.88	/	Pass
	3692.49	Outer_Full	12.92	13.85	/	Pass
DFT-s-OFDM 256 QAM	3557.52	Outer_Full	12.97	13.96	/	Pass

CP-OFDM QPSK	3624.99	Outer_Full	12.91	13.98	/	Pass
	3692.49	Outer_Full	12.96	13.86	/	Pass
	3557.52	Outer_Full	13.66	14.49	/	Pass
	3624.99	Outer_Full	13.63	14.50	/	Pass
	3692.49	Outer_Full	13.64	14.61	/	Pass
CP-OFDM 16 QAM	3557.52	Outer_Full	13.65	14.71	/	Pass
	3624.99	Outer_Full	13.63	14.54	/	Pass
	3692.49	Outer_Full	13.60	14.72	/	Pass
CP-OFDM 64 QAM	3557.52	Outer_Full	13.62	14.56	/	Pass
	3624.99	Outer_Full	13.63	14.61	/	Pass
	3692.49	Outer_Full	13.60	14.40	/	Pass
CP-OFDM 256 QAM	3557.52	Outer_Full	13.64	14.50	/	Pass
	3624.99	Outer_Full	13.60	14.61	/	Pass
	3692.49	Outer_Full	13.62	14.46	/	Pass

3.1.3 30_SISO_20M_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3560.01	Outer_Full	18.04	19.14	/	Pass
	3624.99	Outer_Full	18.10	19.14	/	Pass
	3690	Outer_Full	18.02	19.12	/	Pass
DFT-s-OFDM QPSK	3560.01	Outer_Full	17.18	18.04	/	Pass
	3624.99	Outer_Full	18.05	19.14	/	Pass
	3690	Outer_Full	18.03	19.20	/	Pass
DFT-s-OFDM 16 QAM	3560.01	Outer_Full	16.45	18.33	/	Pass
	3624.99	Outer_Full	18.07	19.22	/	Pass
	3690	Outer_Full	17.38	18.02	/	Pass
DFT-s-OFDM 64 QAM	3560.01	Outer_Full	18.01	19.14	/	Pass
	3624.99	Outer_Full	18.01	19.26	/	Pass
	3690	Outer_Full	18.04	19.25	/	Pass
DFT-s-OFDM 256 QAM	3560.01	Outer_Full	17.99	19.14	/	Pass
	3624.99	Outer_Full	17.98	19.21	/	Pass
	3690	Outer_Full	18.00	19.19	/	Pass
CP-OFDM QPSK	3560.01	Outer_Full	18.38	19.48	/	Pass
	3624.99	Outer_Full	18.40	19.65	/	Pass
	3690	Outer_Full	18.31	19.56	/	Pass
CP-OFDM 16 QAM	3560.01	Outer_Full	18.29	19.50	/	Pass
	3624.99	Outer_Full	18.30	19.52	/	Pass
	3690	Outer_Full	18.35	19.61	/	Pass
CP-OFDM 64 QAM	3560.01	Outer_Full	18.33	19.50	/	Pass
	3624.99	Outer_Full	18.32	19.54	/	Pass
	3690	Outer_Full	18.37	19.73	/	Pass
CP-OFDM 256 QAM	3560.01	Outer_Full	18.39	19.52	/	Pass
	3624.99	Outer_Full	18.33	19.50	/	Pass
	3690	Outer_Full	18.33	19.57	/	Pass

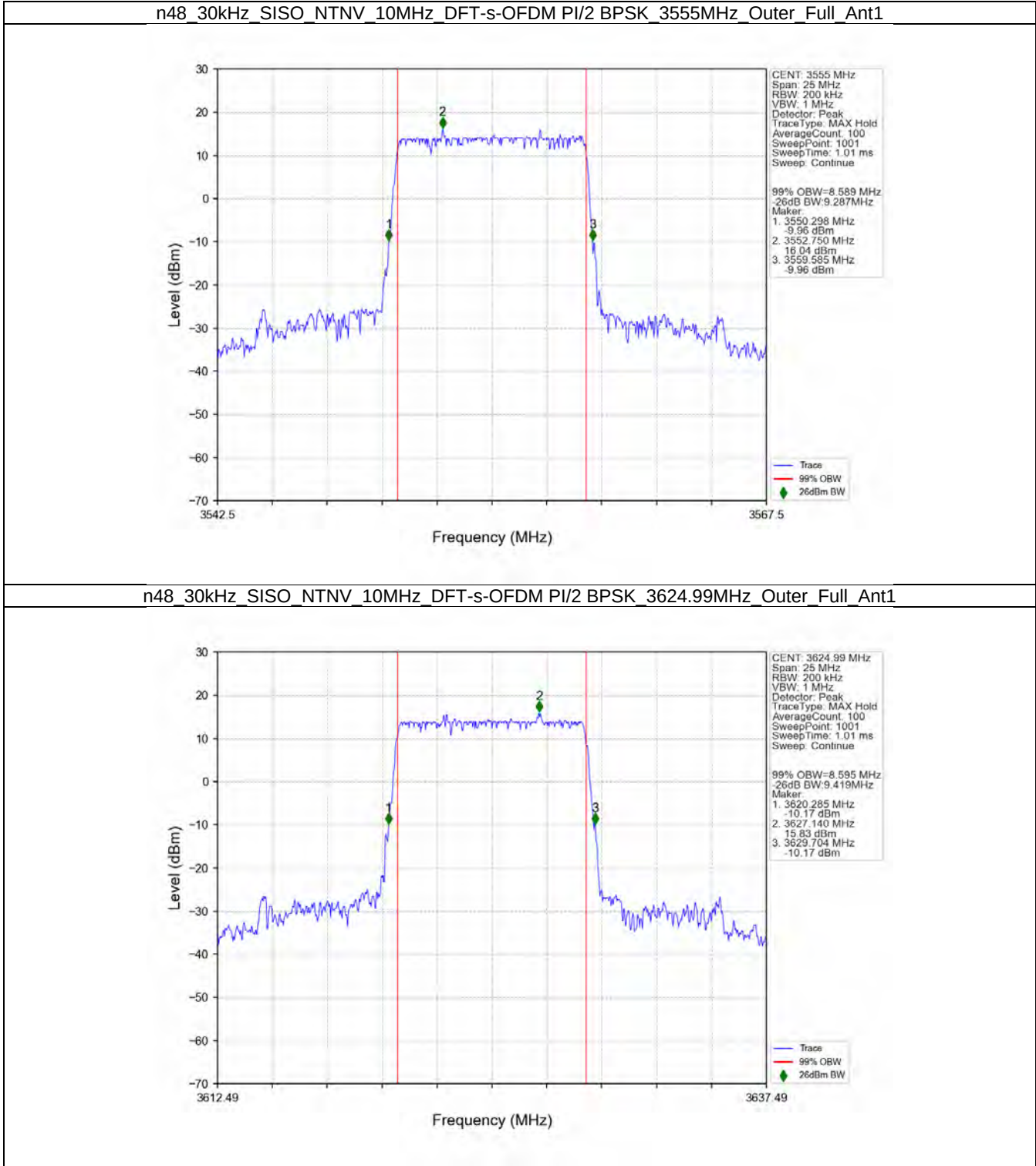
3.1.4 30_SISO_40M_NTNV

5G NR n48 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3570	Outer_Full	35.99	38.38	/	Pass
	3624.99	Outer_Full	36.02	38.34	/	Pass

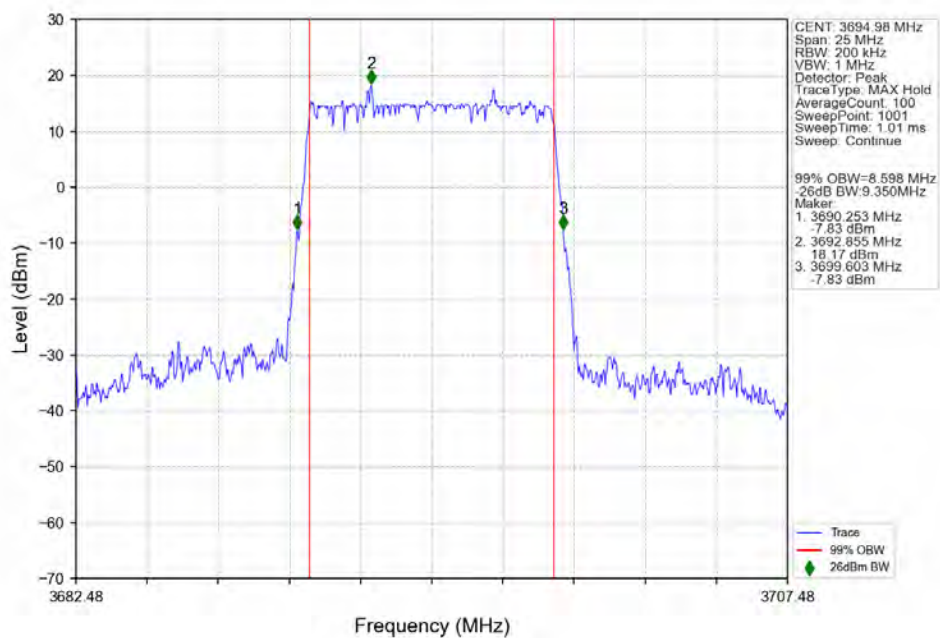
	3679.98	Outer_Full	35.96	38.39	/	Pass
DFT-s-OFDM QPSK	3570	Outer_Full	36.01	38.47	/	Pass
	3624.99	Outer_Full	36.09	38.42	/	Pass
	3679.98	Outer_Full	35.96	38.43	/	Pass
DFT-s-OFDM 16 QAM	3570	Outer_Full	35.91	38.26	/	Pass
	3624.99	Outer_Full	36.00	38.37	/	Pass
	3679.98	Outer_Full	35.92	38.32	/	Pass
DFT-s-OFDM 64 QAM	3570	Outer_Full	35.91	38.33	/	Pass
	3624.99	Outer_Full	35.94	38.39	/	Pass
	3679.98	Outer_Full	35.98	38.34	/	Pass
DFT-s-OFDM 256 QAM	3570	Outer_Full	35.98	38.41	/	Pass
	3624.99	Outer_Full	35.99	38.41	/	Pass
	3679.98	Outer_Full	35.98	38.39	/	Pass
CP-OFDM QPSK	3570	Outer_Full	38.08	40.52	/	Pass
	3624.99	Outer_Full	38.12	40.60	/	Pass
	3679.98	Outer_Full	38.03	40.55	/	Pass
CP-OFDM 16 QAM	3570	Outer_Full	38.20	40.52	/	Pass
	3624.99	Outer_Full	38.25	40.53	/	Pass
	3679.98	Outer_Full	38.14	40.48	/	Pass
CP-OFDM 64 QAM	3570	Outer_Full	38.21	40.44	/	Pass
	3624.99	Outer_Full	38.21	40.46	/	Pass
	3679.98	Outer_Full	38.20	40.47	/	Pass
CP-OFDM 256 QAM	3570	Outer_Full	38.17	40.48	/	Pass
	3624.99	Outer_Full	38.07	40.51	/	Pass
	3679.98	Outer_Full	38.02	40.52	/	Pass

3.2 Test Graph

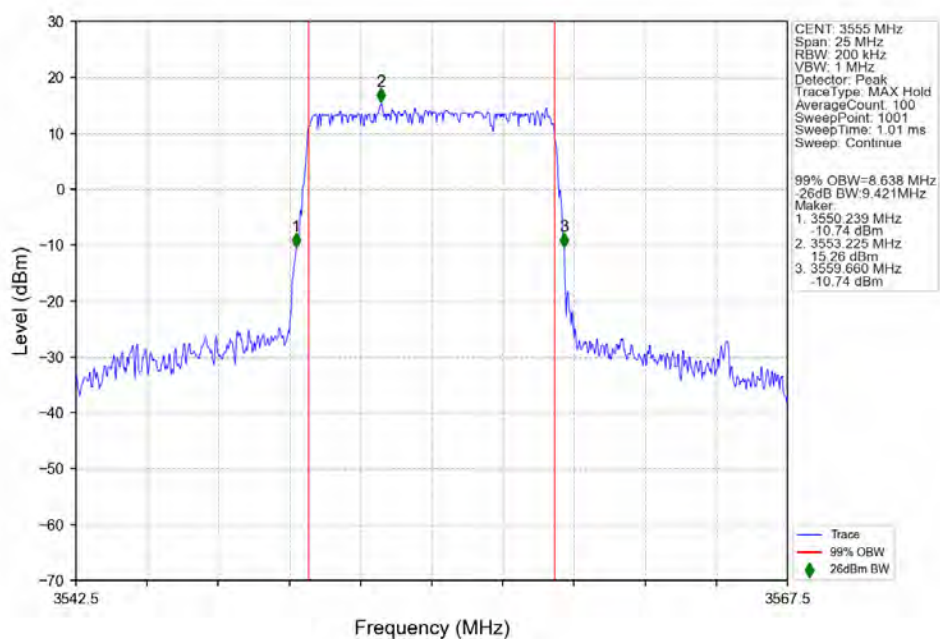
3.2.1 30_SISO_10M_NTNV



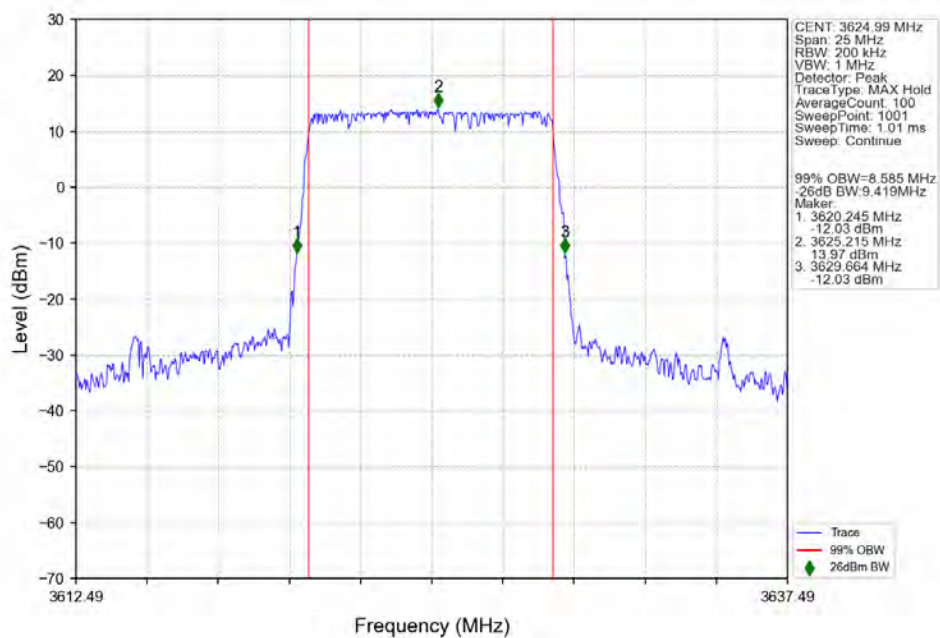
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3694.98MHz_Outer_Full_Ant1



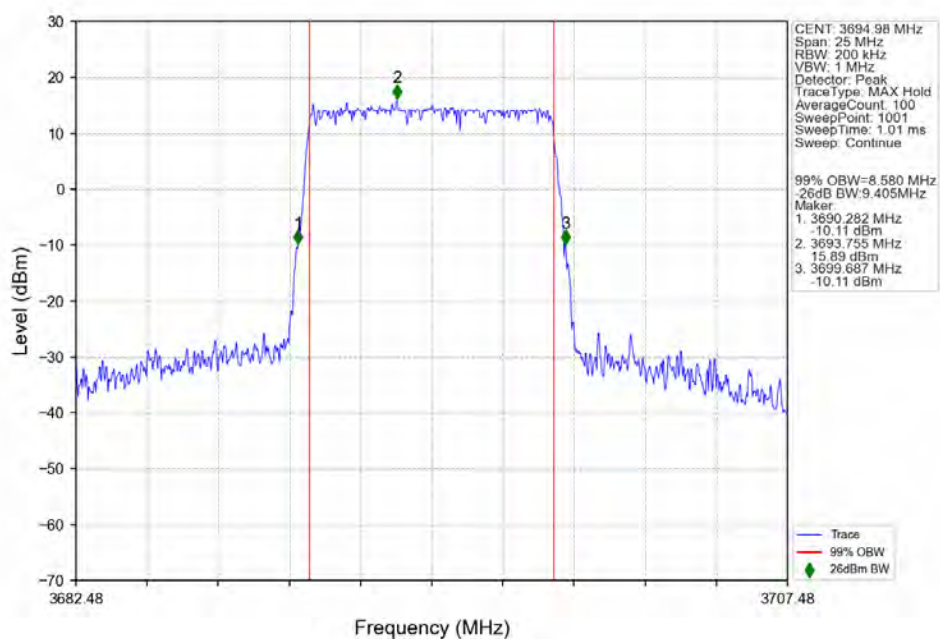
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3555MHz_Outer_Full_Ant1



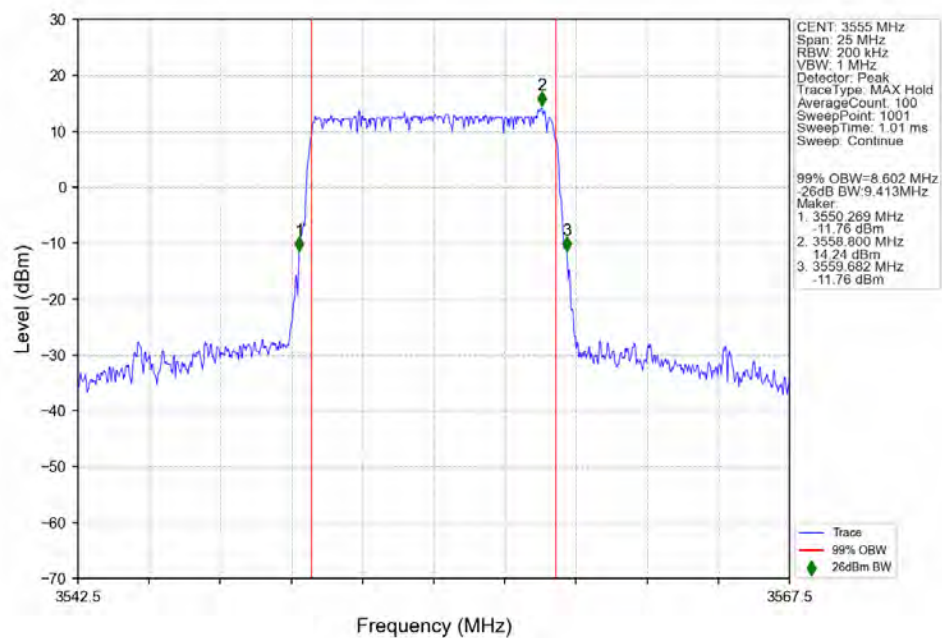
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1



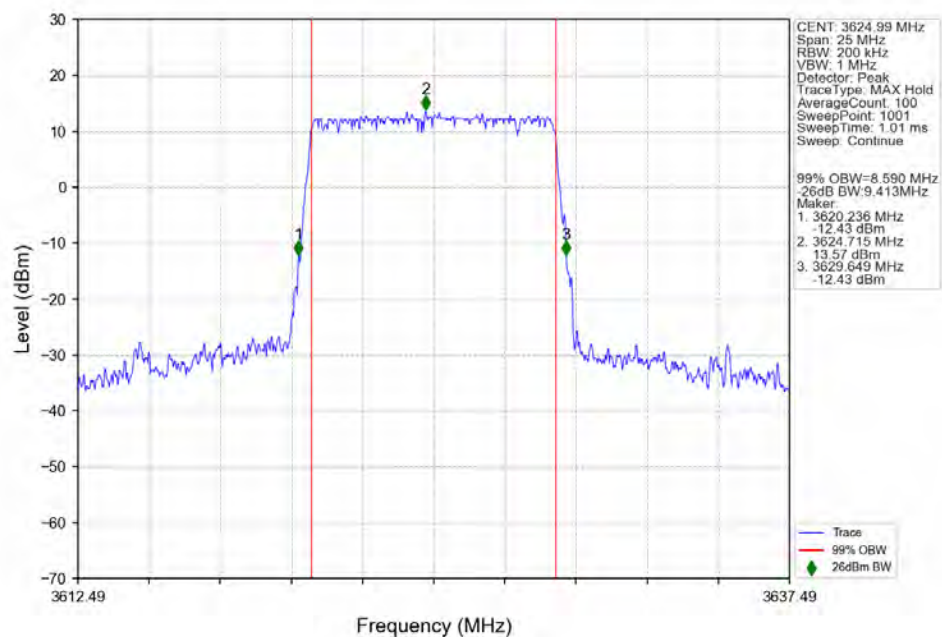
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3694.98MHz_Outer_Full_Ant1



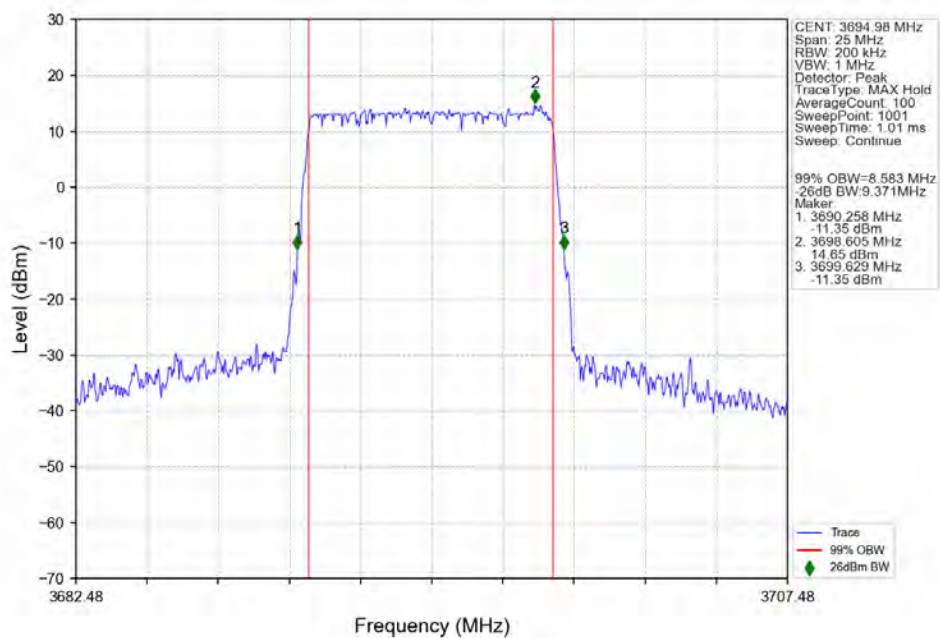
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3555MHz_Outer_Full_Ant1



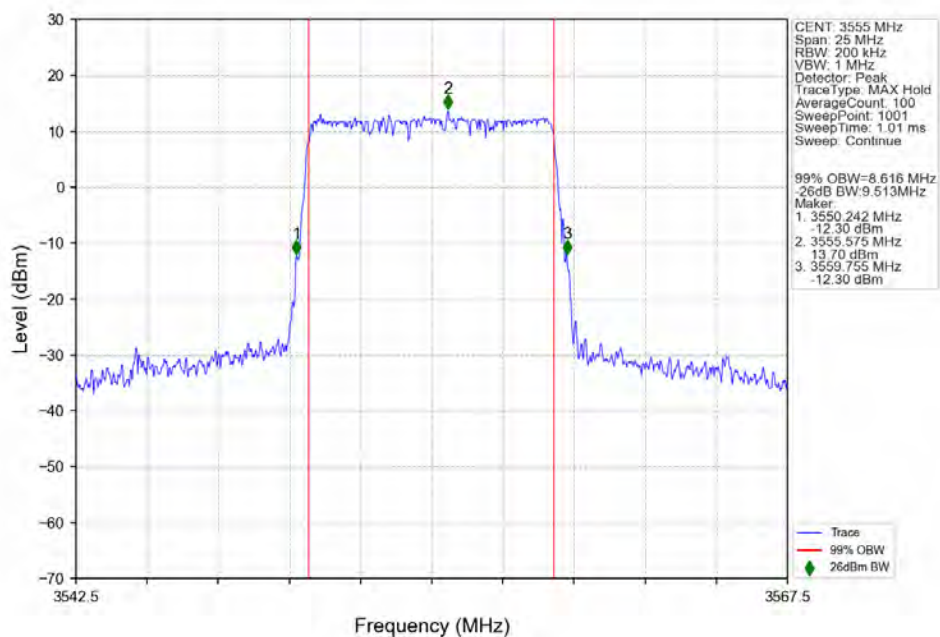
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant1



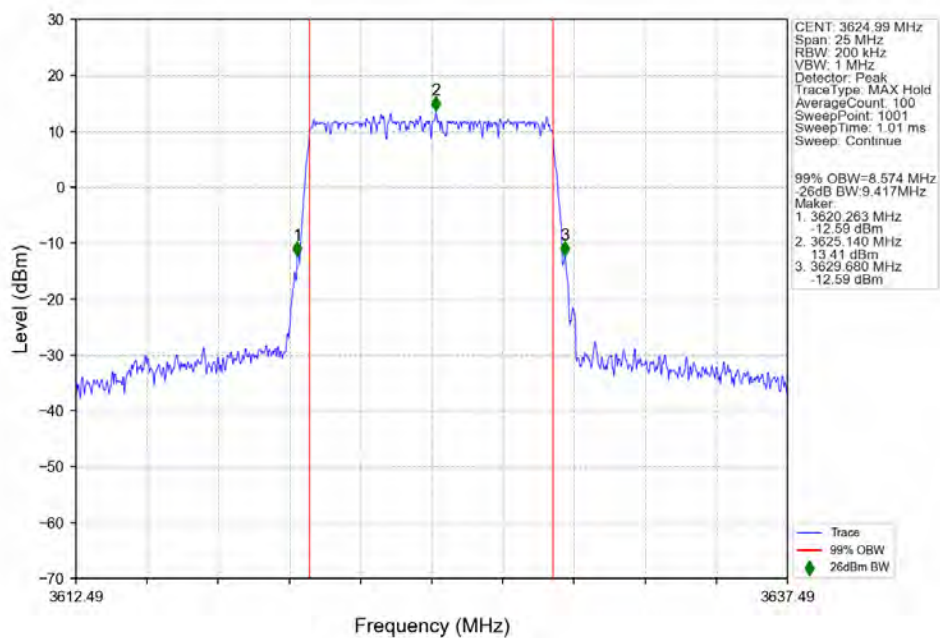
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_3694.98MHz_Outer_Full_Ant1



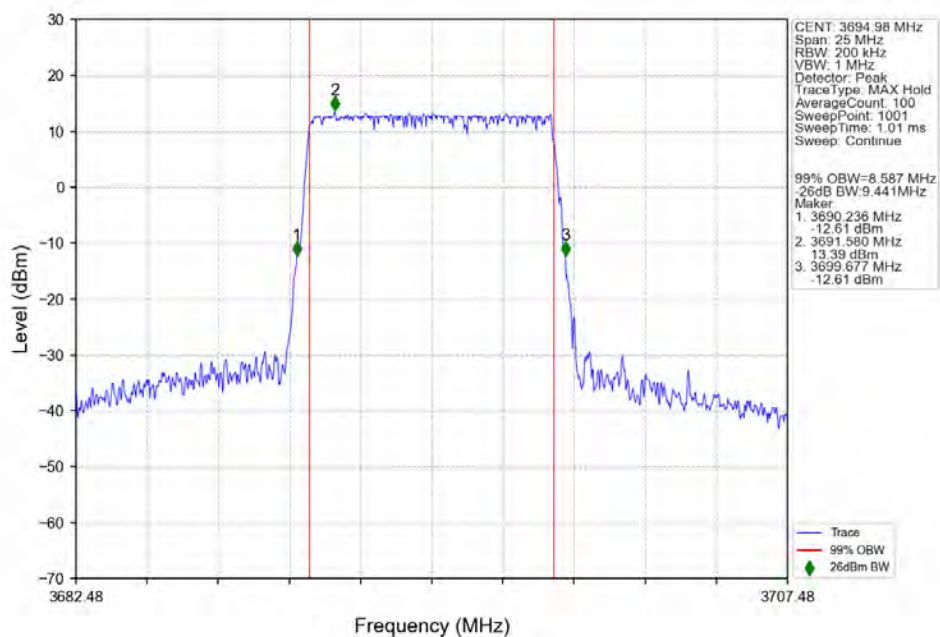
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3555MHz_Outer_Full_Ant1



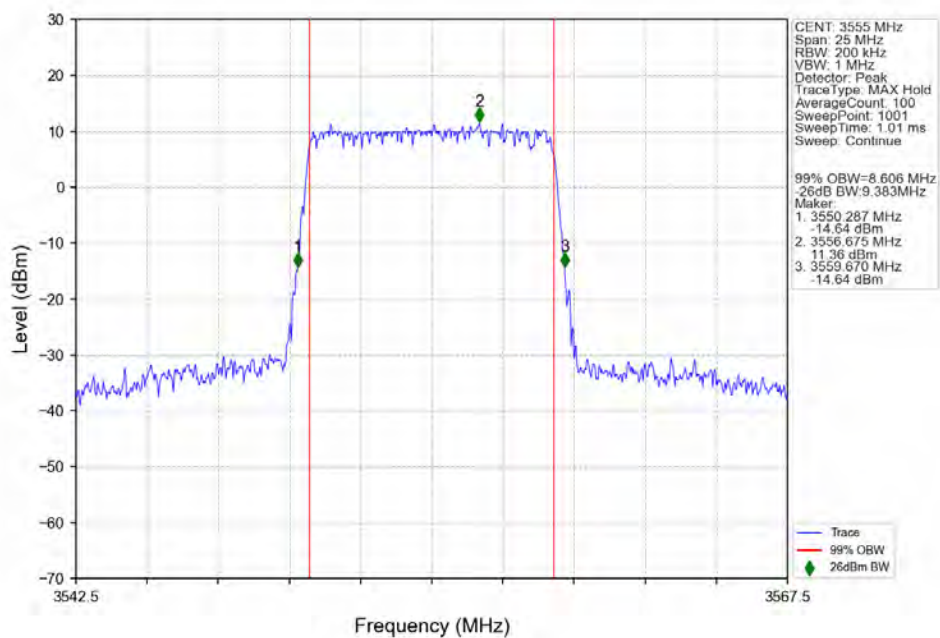
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant1



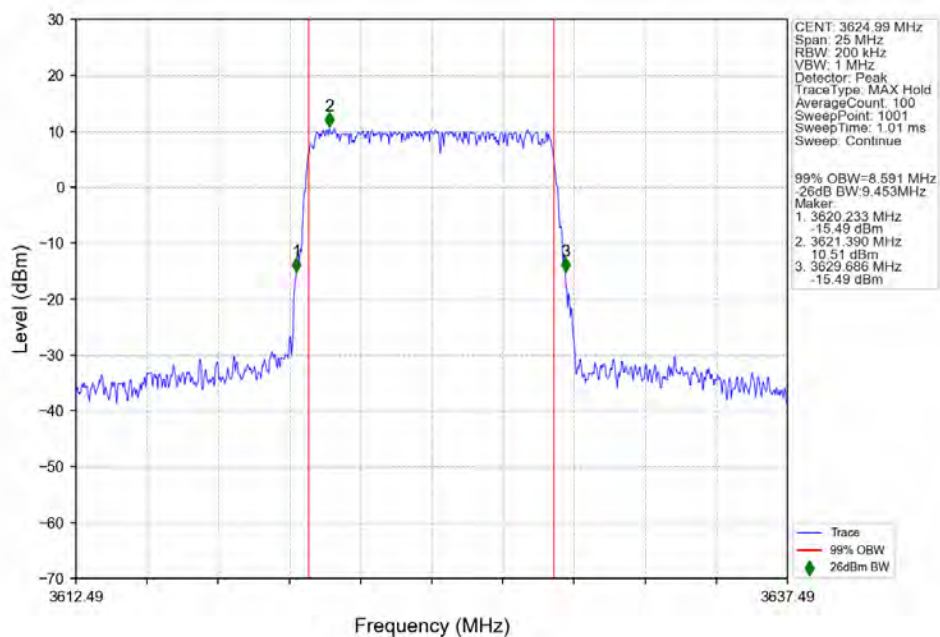
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3694.98MHz_Outer_Full_Ant1



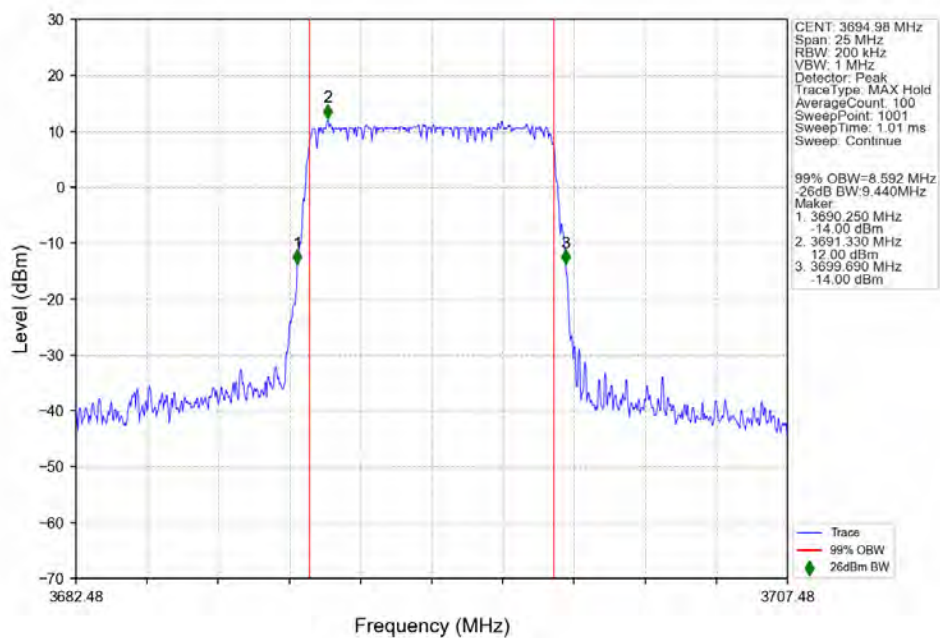
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 3555MHz_Outer_Full_Ant1



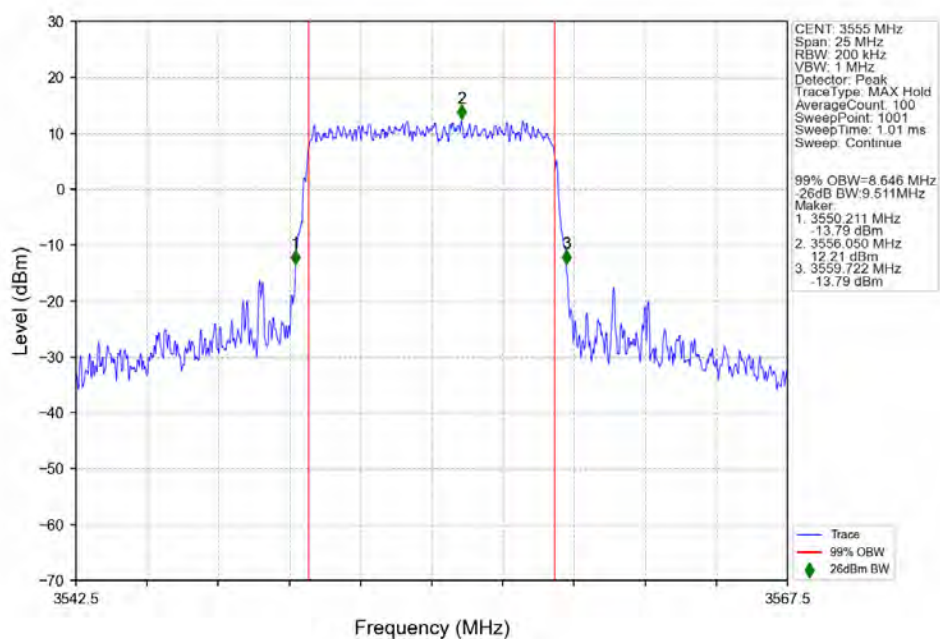
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 3624.99MHz_Outer_Full_Ant1



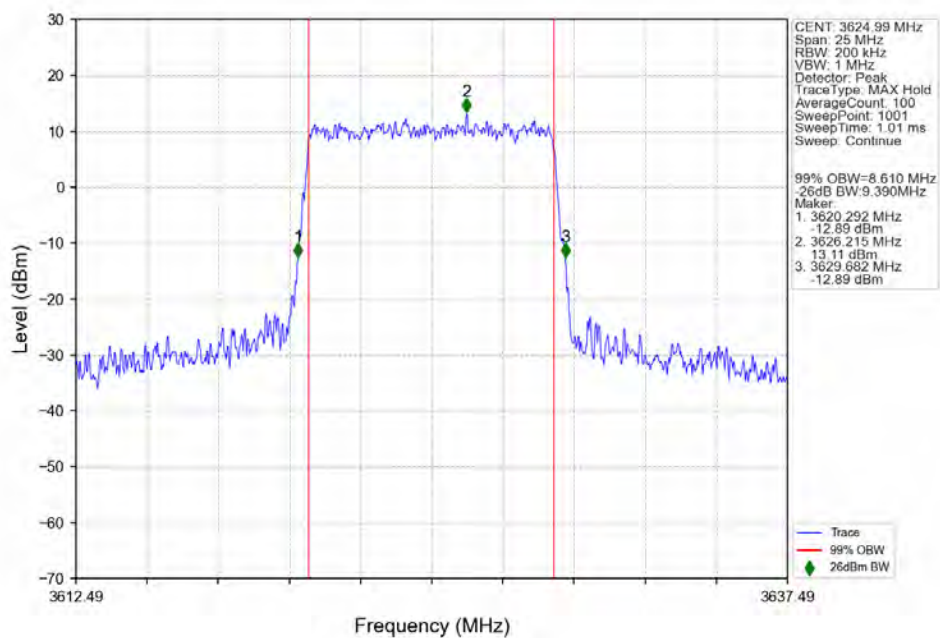
n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM 256 QAM 3694.98MHz_Outer_Full_Ant1



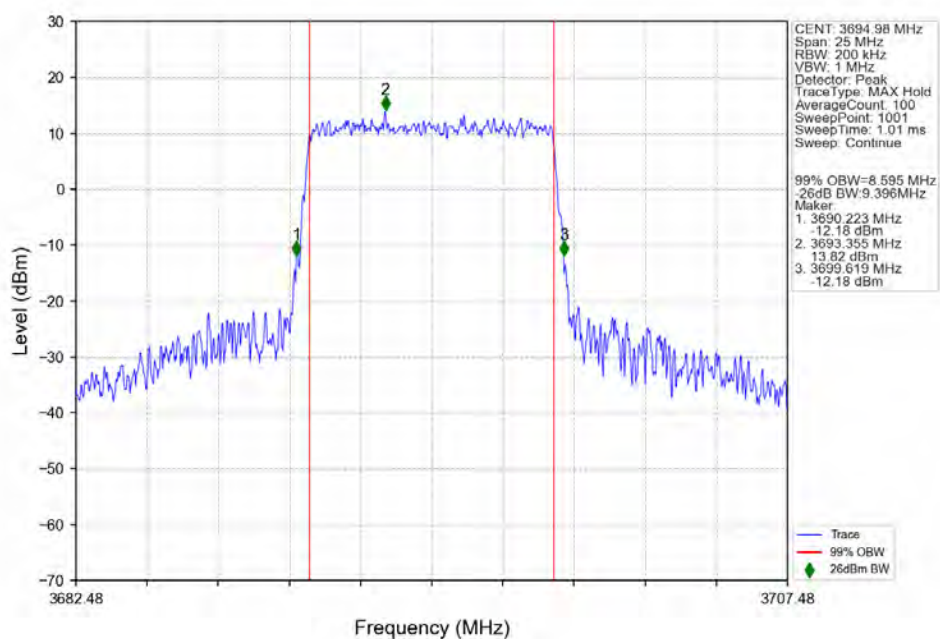
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK 3555MHz_Outer_Full_Ant1



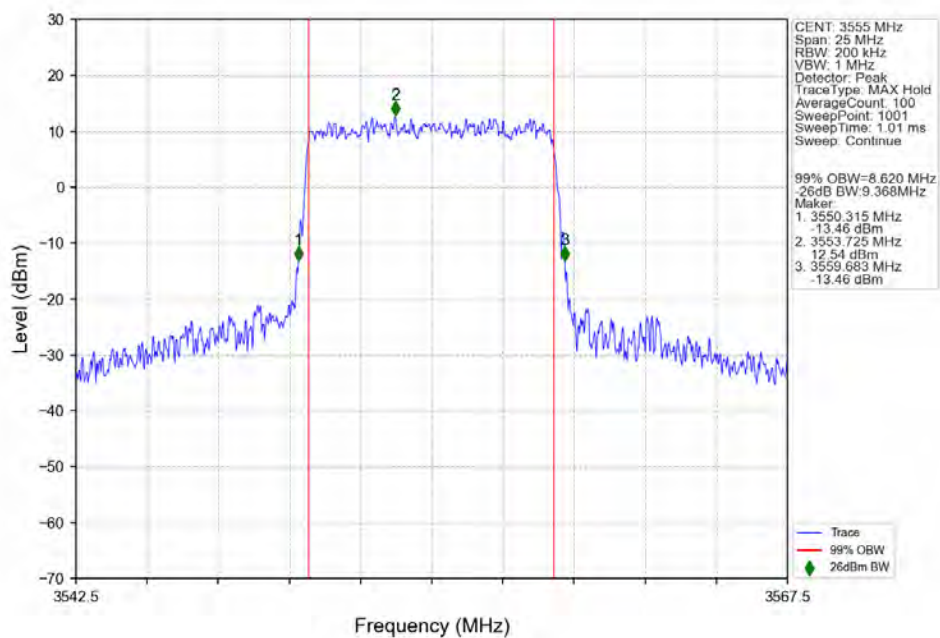
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1



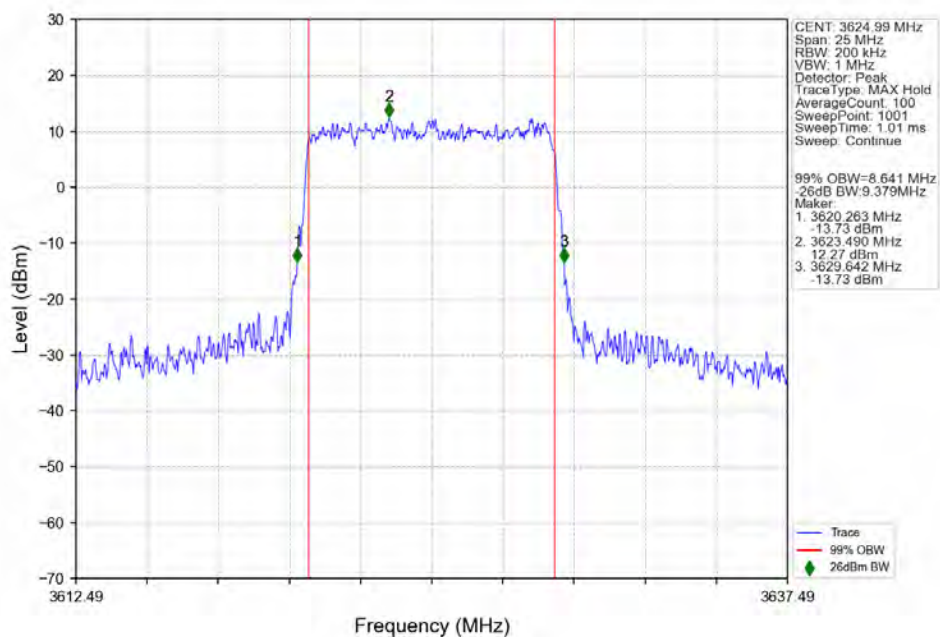
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3694.98MHz_Outer_Full_Ant1



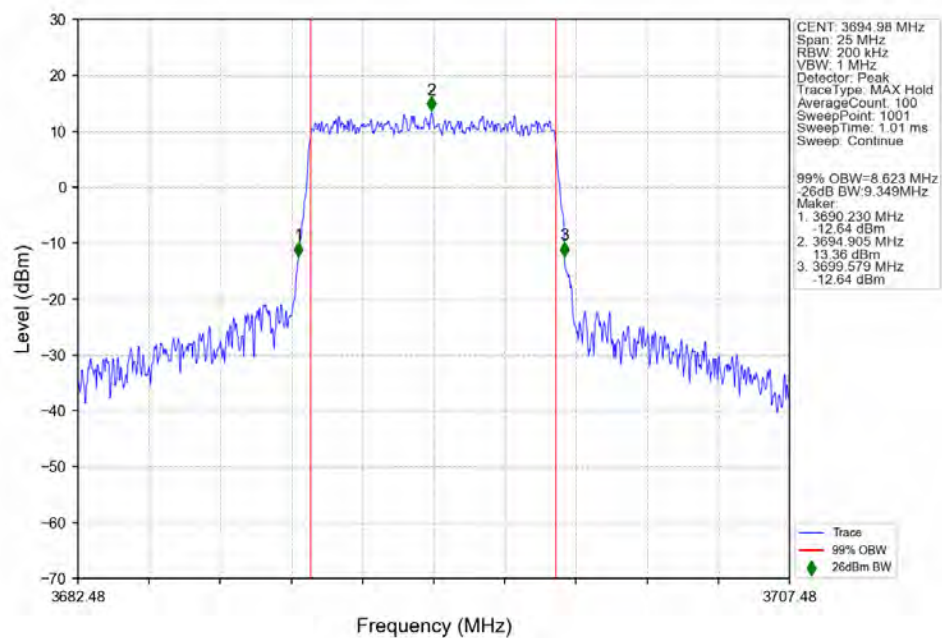
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_3555MHz_Outer_Full_Ant1



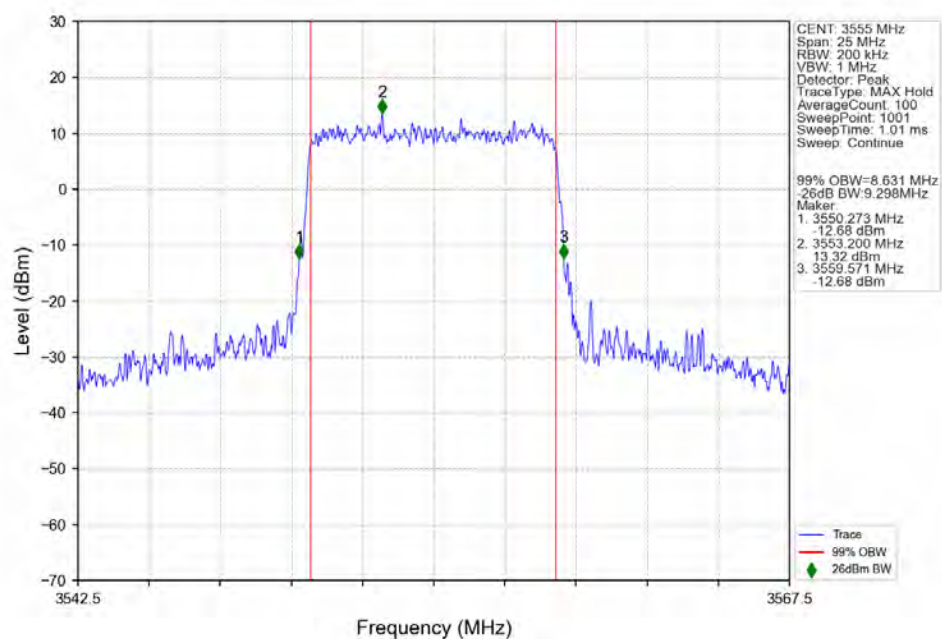
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_3624.99MHz_Outer_Full_Ant1



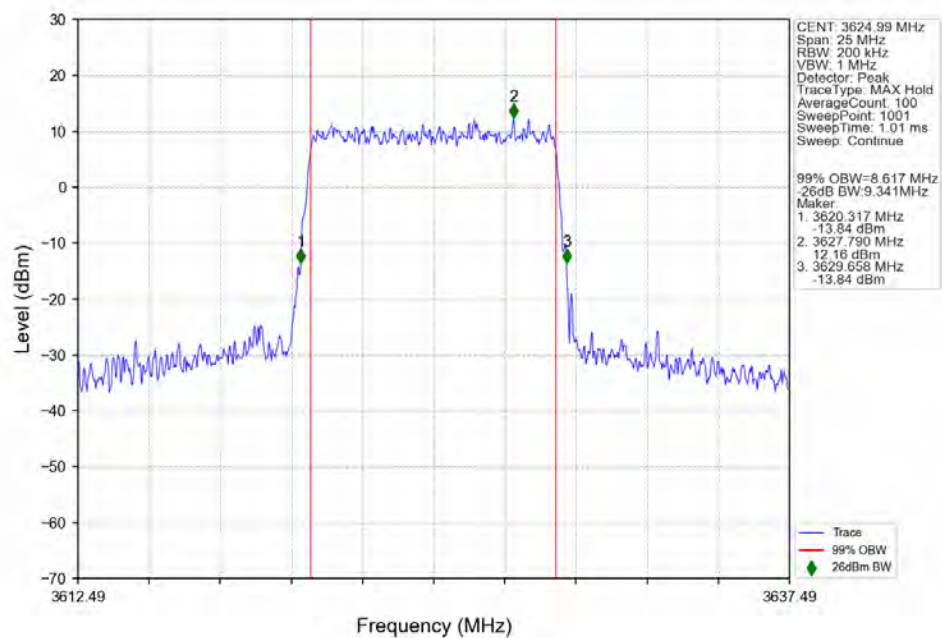
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_3694.98MHz_Outer_Full_Ant1



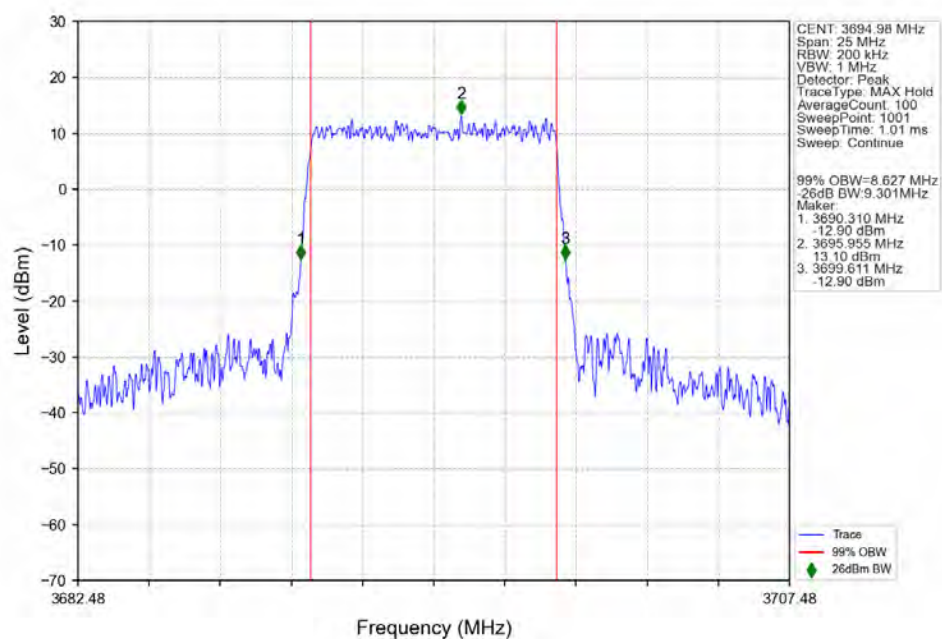
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_64 QAM_3555MHz_Outer_Full_Ant1



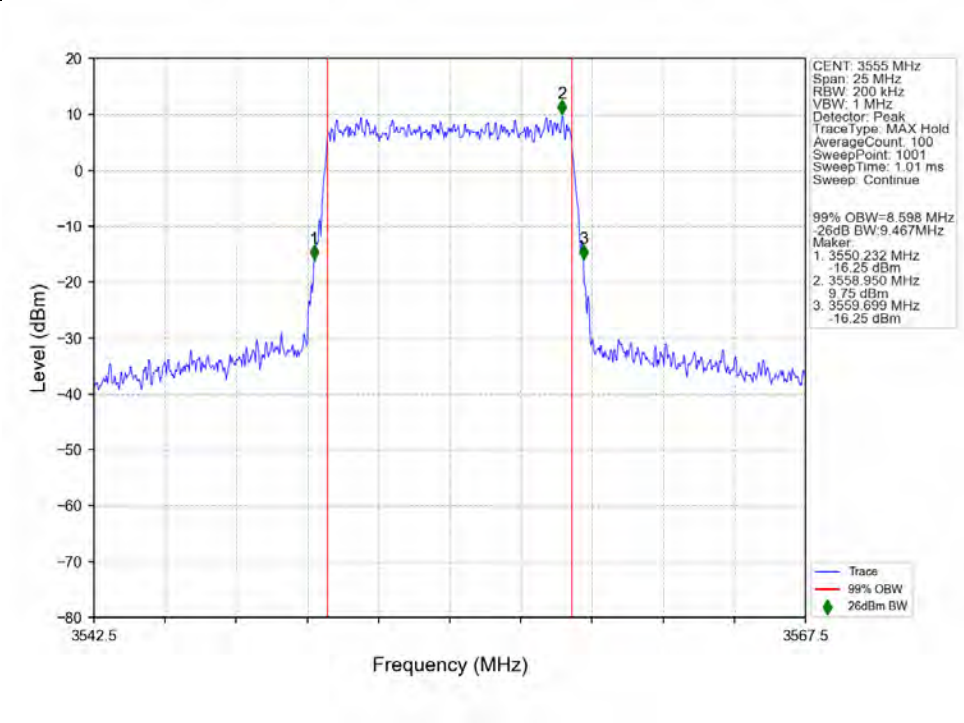
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant1



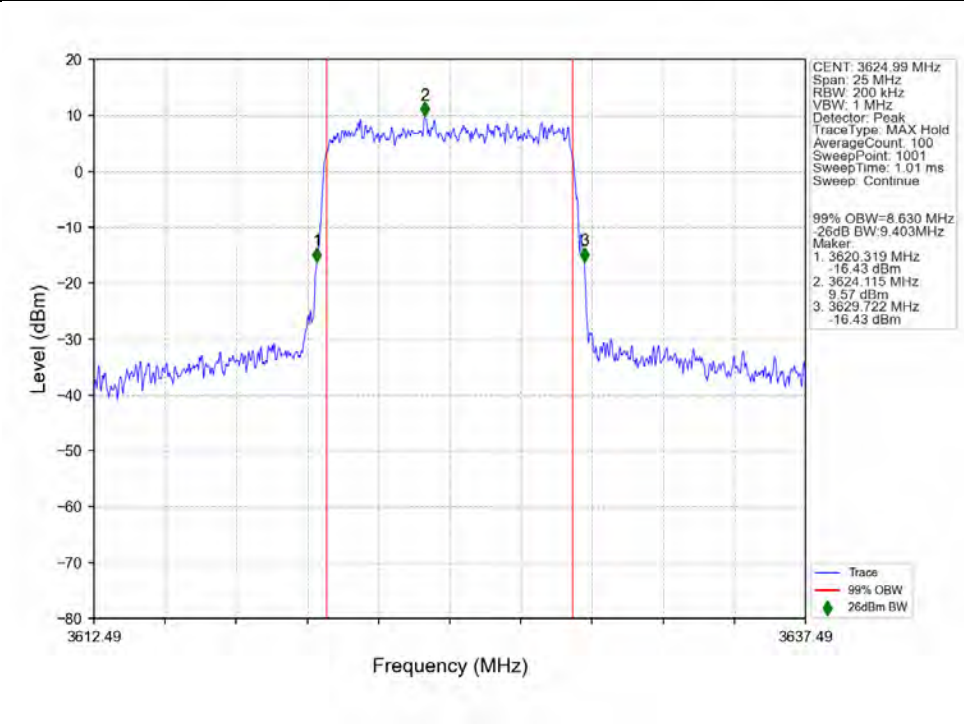
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_64_QAM_3694.98MHz_Outer_Full_Ant1



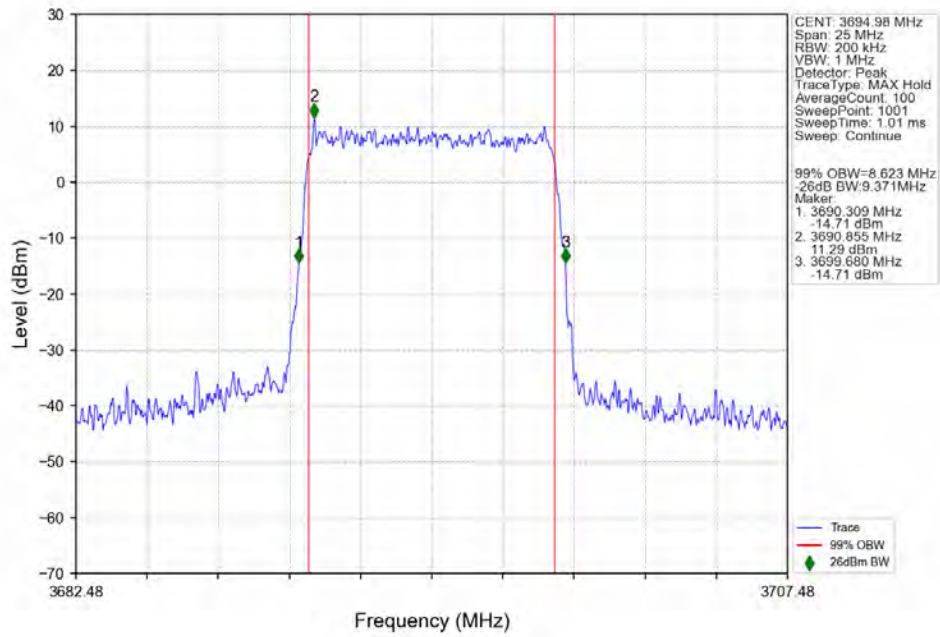
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3555MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3624.99MHz_Outer_Full_Ant1

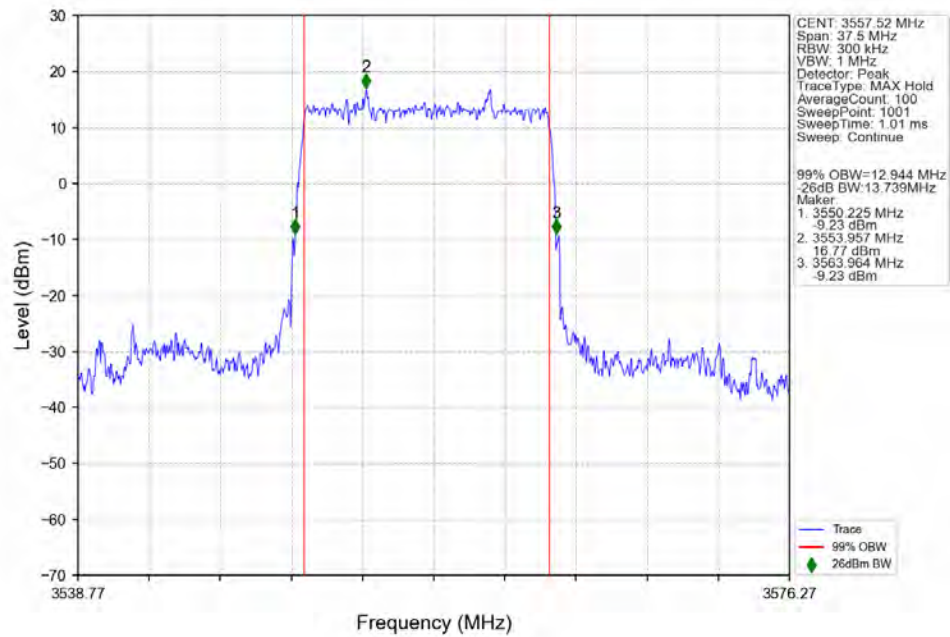


n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3694.98MHz_Outer_Full_Ant1

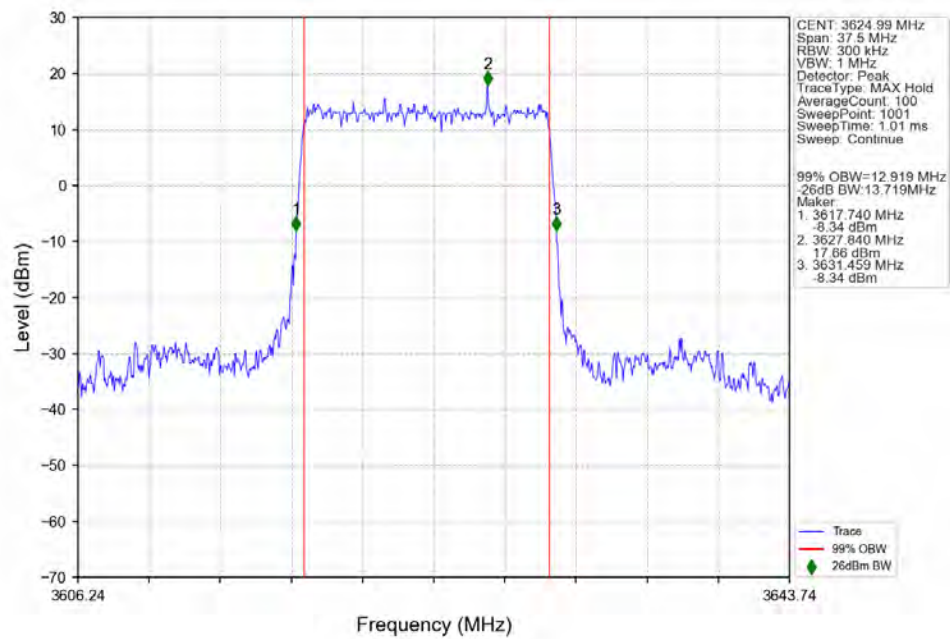


3.2.2 30_SISO_15M_NTNV

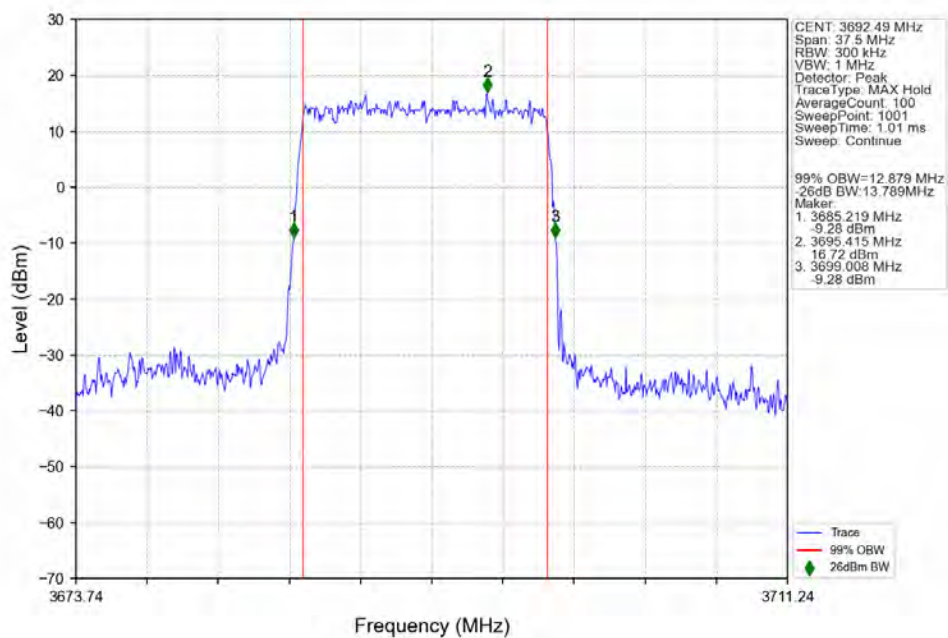
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3557.52MHz_Outer_Full_Ant1



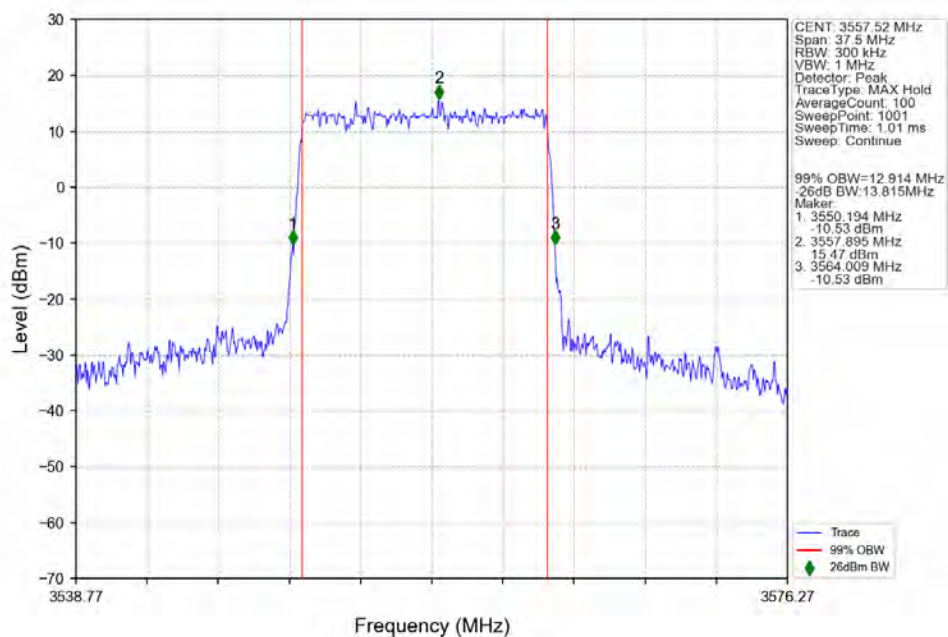
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full_Ant1



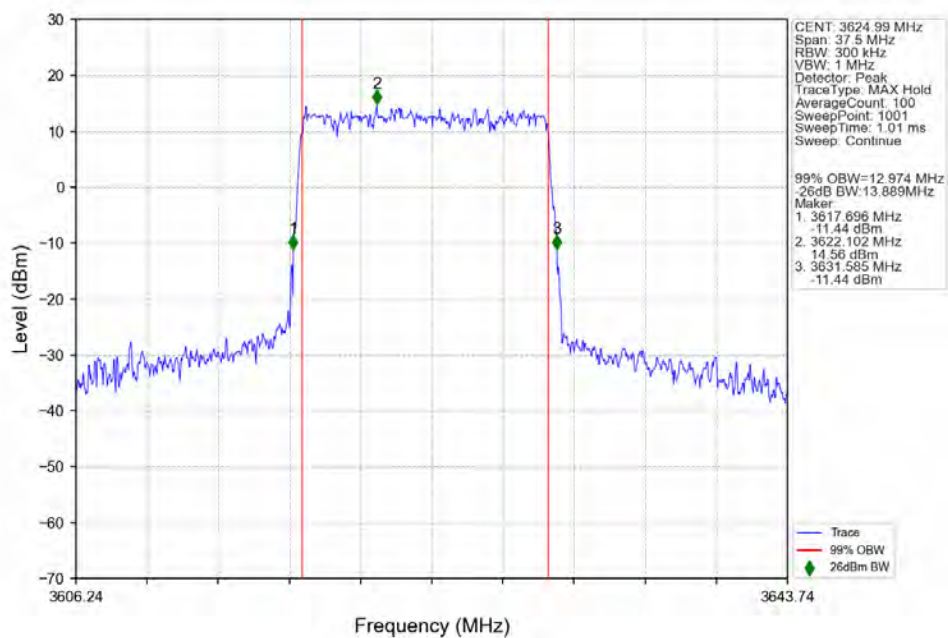
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_3692.49MHz_Outer_Full_Ant1



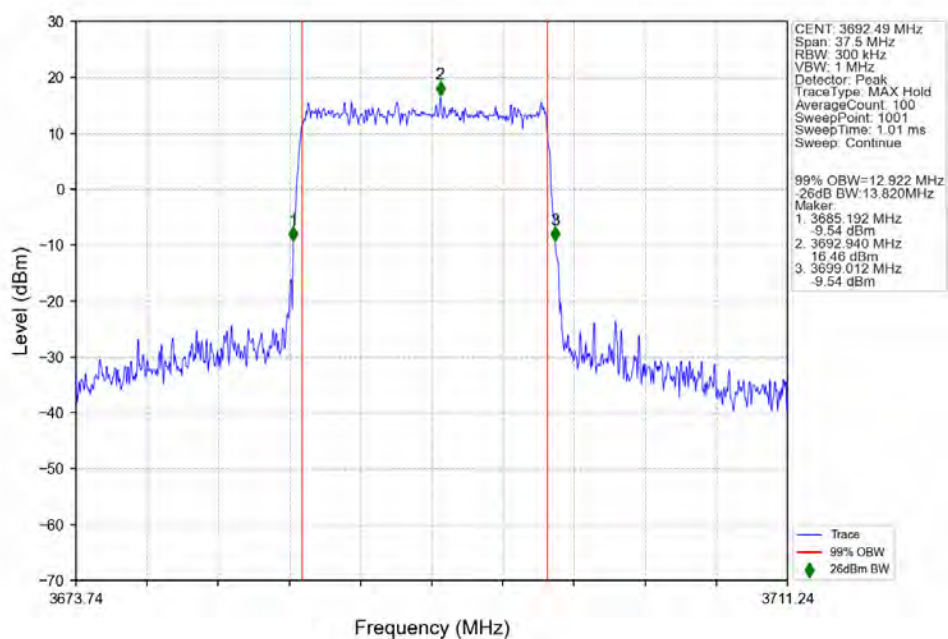
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_3557.52MHz_Outer_Full_Ant1



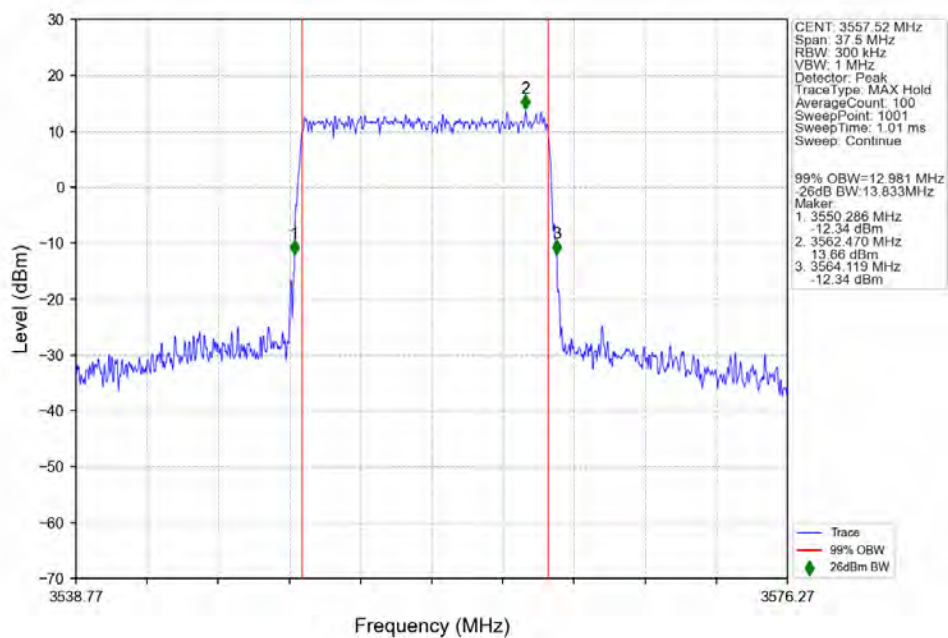
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1



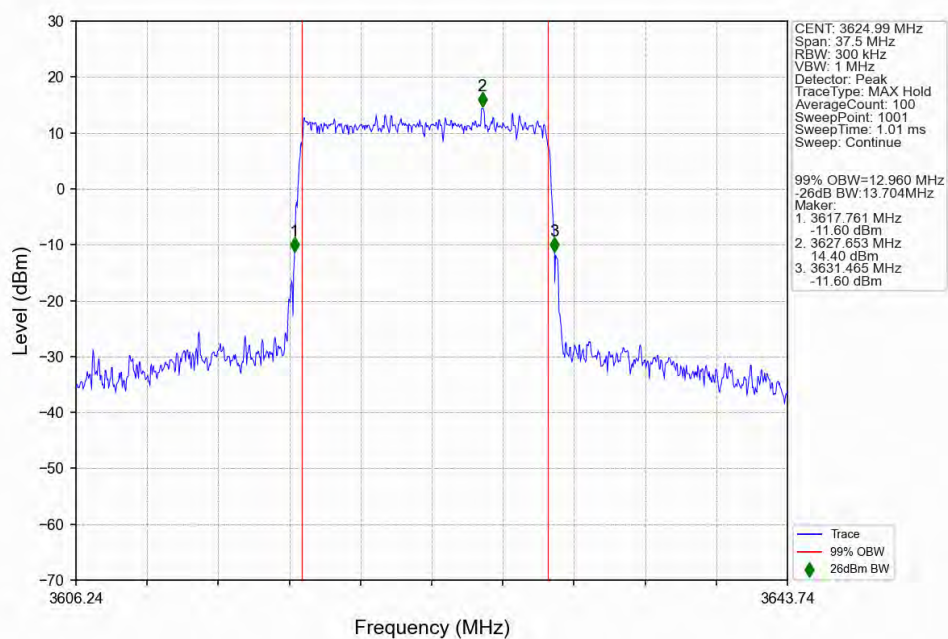
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_QPSK_3692.49MHz_Outer_Full_Ant1



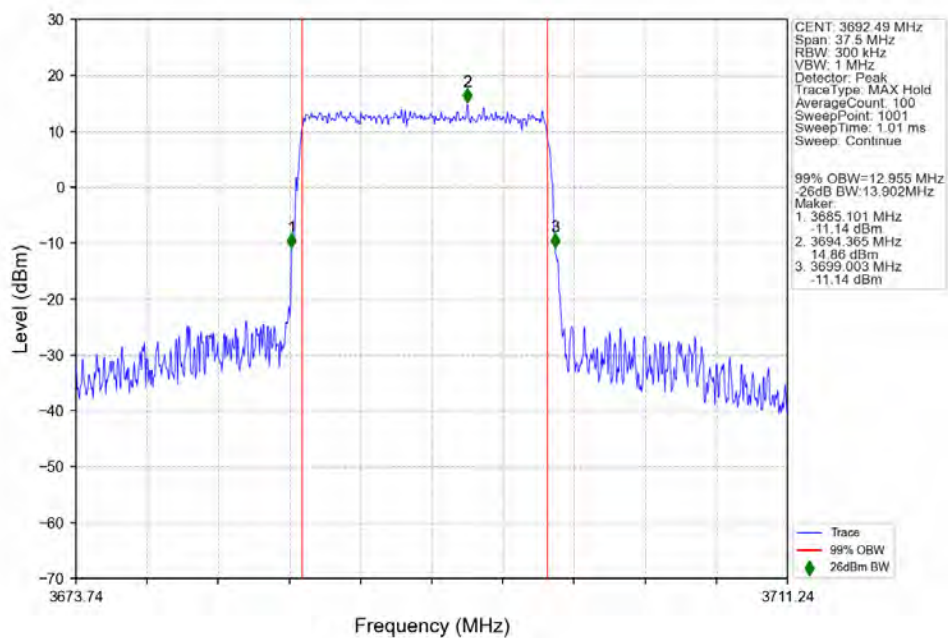
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3557.52MHz_Outer_Full_Ant1



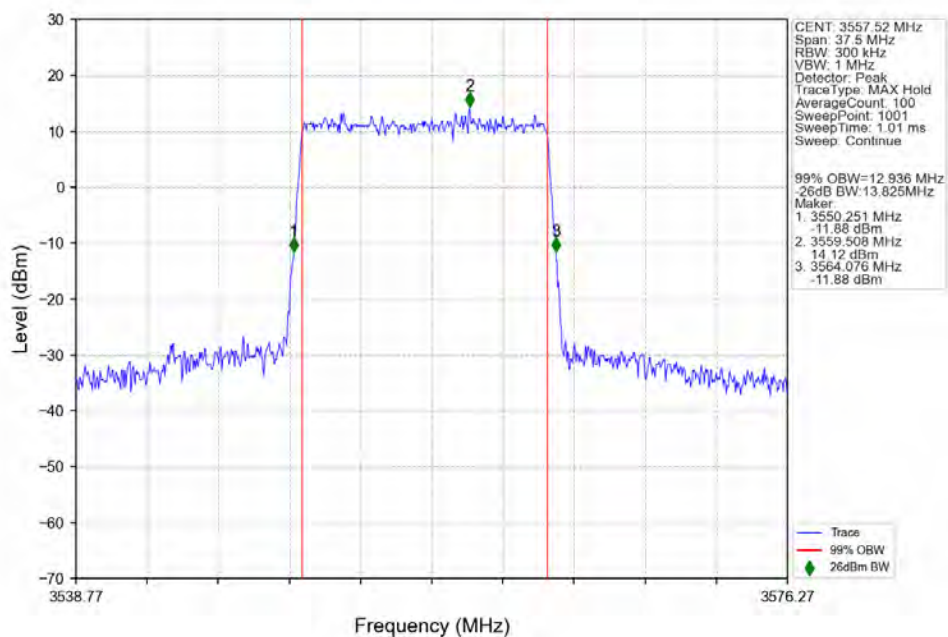
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant1



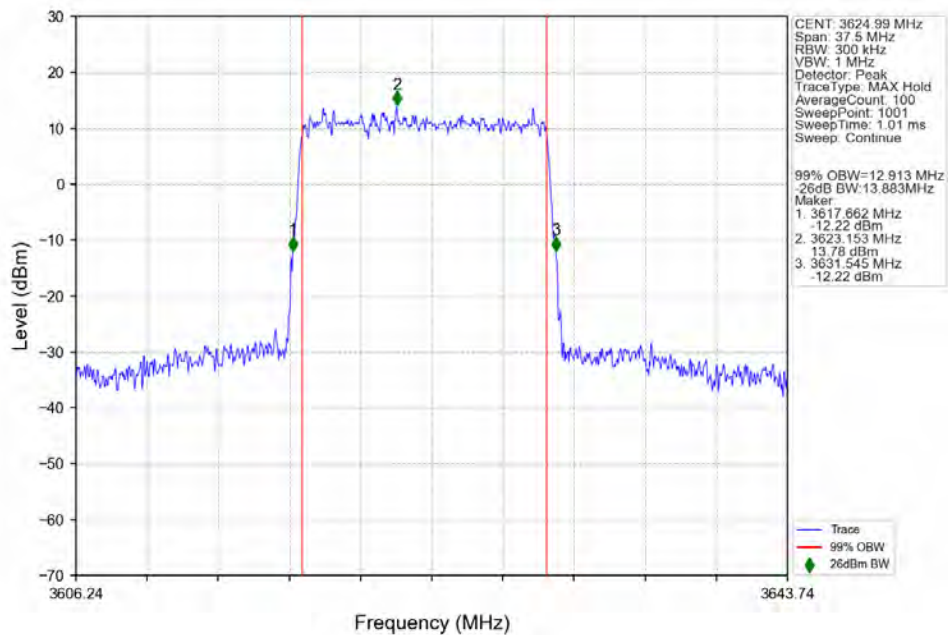
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16_QAM_3692.49MHz_Outer_Full_Ant1



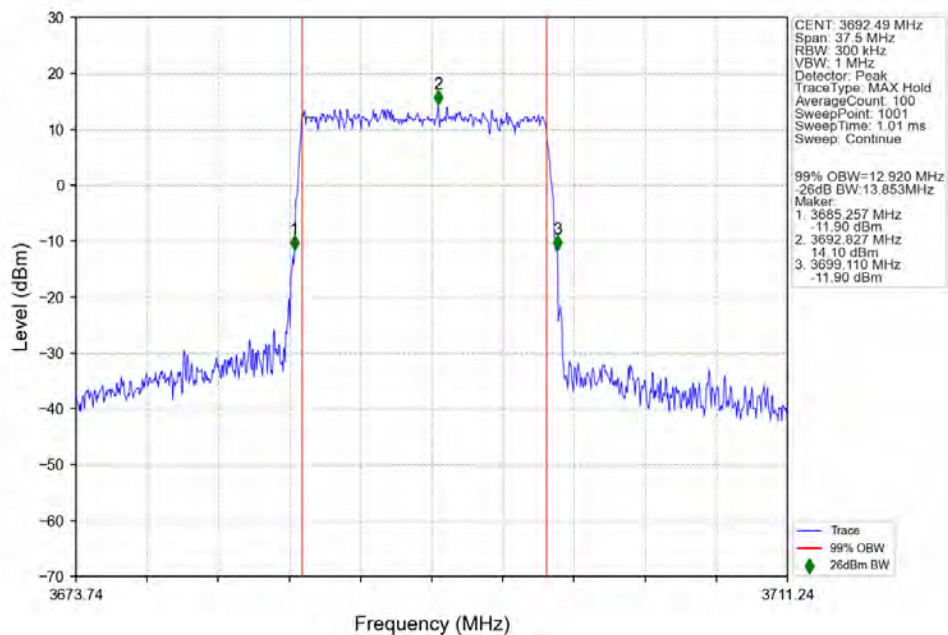
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3557.52MHz_Outer_Full_Ant1



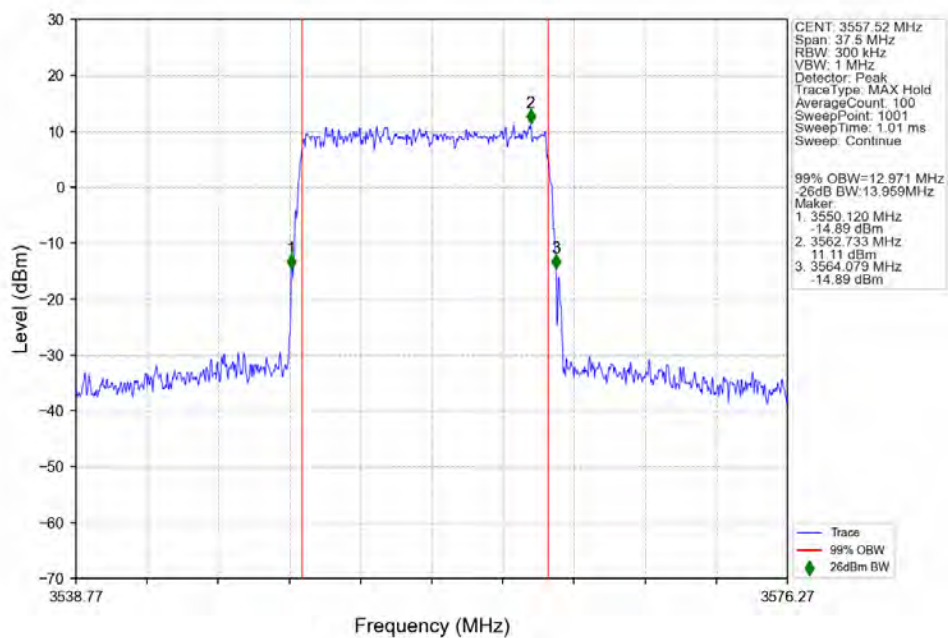
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant1



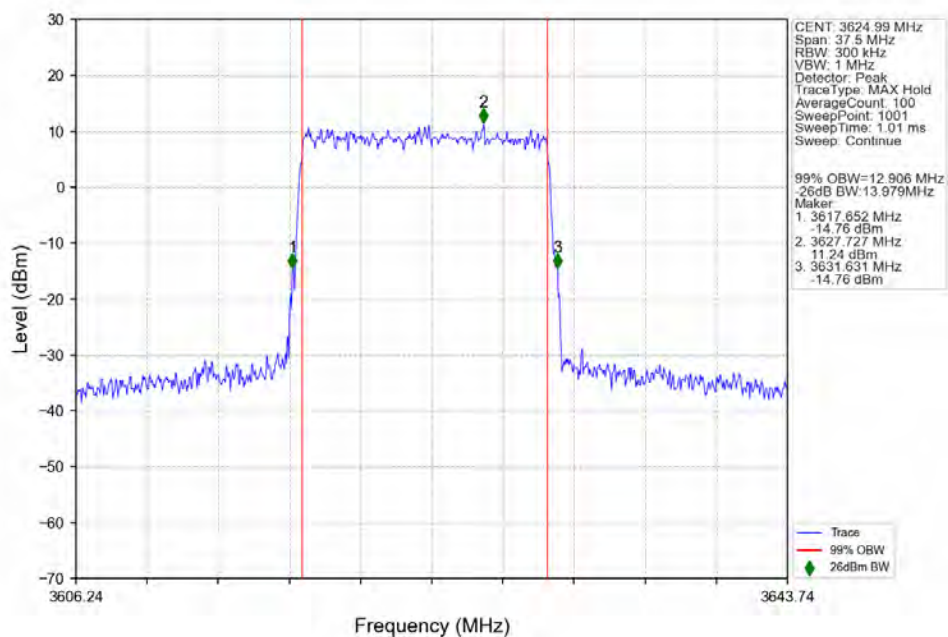
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_64_QAM_3692.49MHz_Outer_Full_Ant1



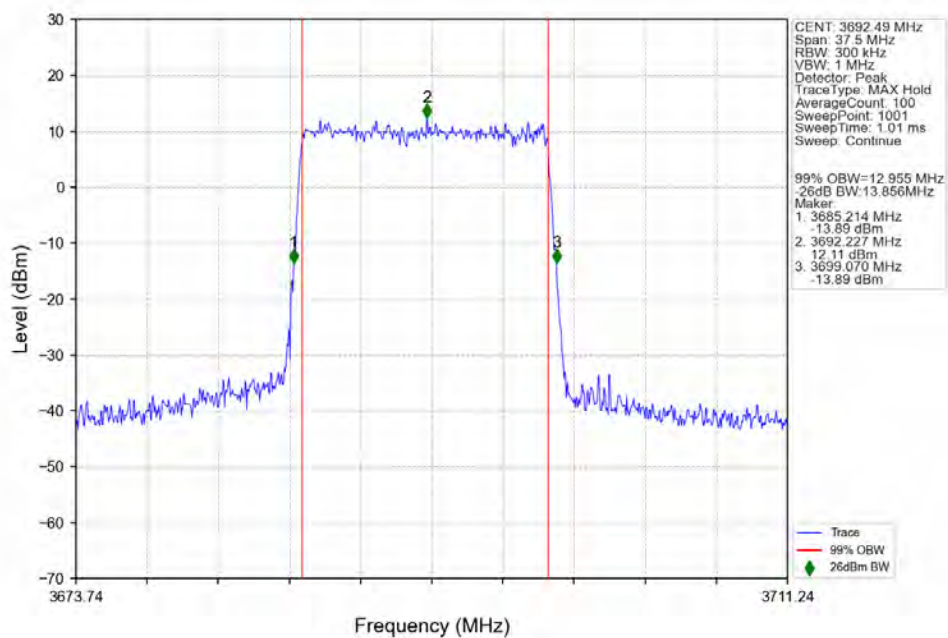
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3557.52MHz_Outer_Full_Ant1



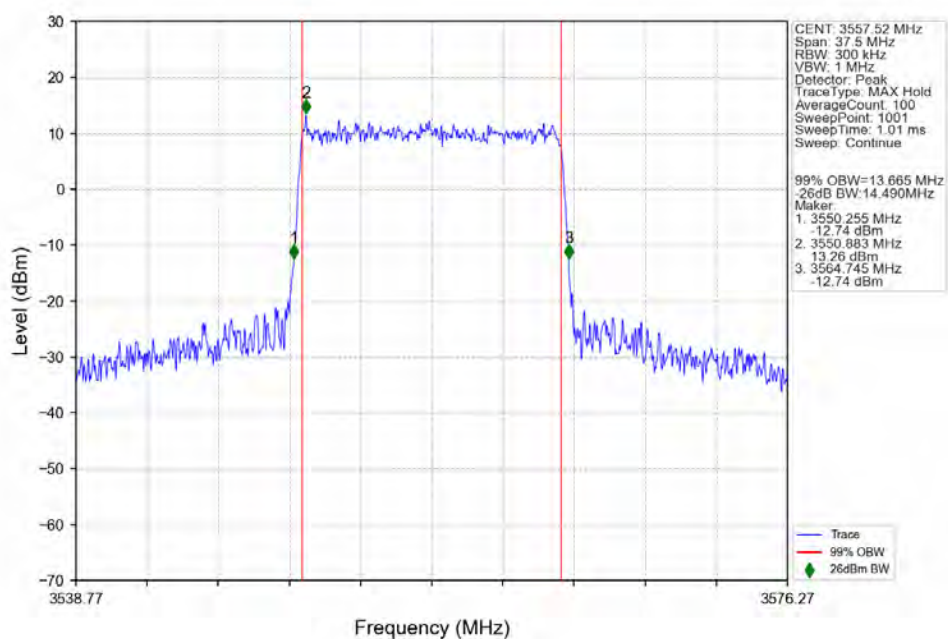
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM_256_QAM_3624.99MHz_Outer_Full_Ant1



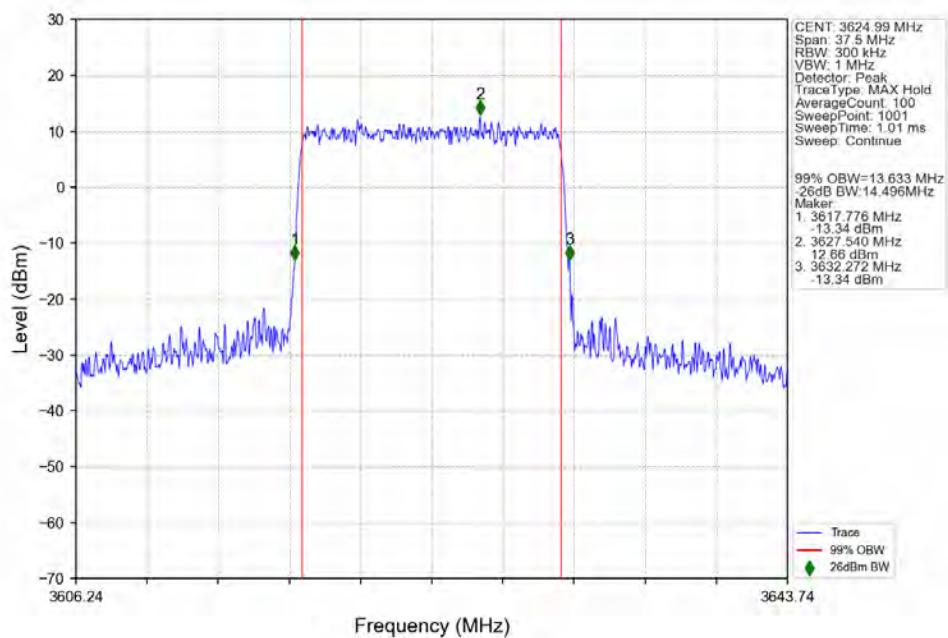
n48_30kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM 3692.49MHz_Outer_Full_Ant1



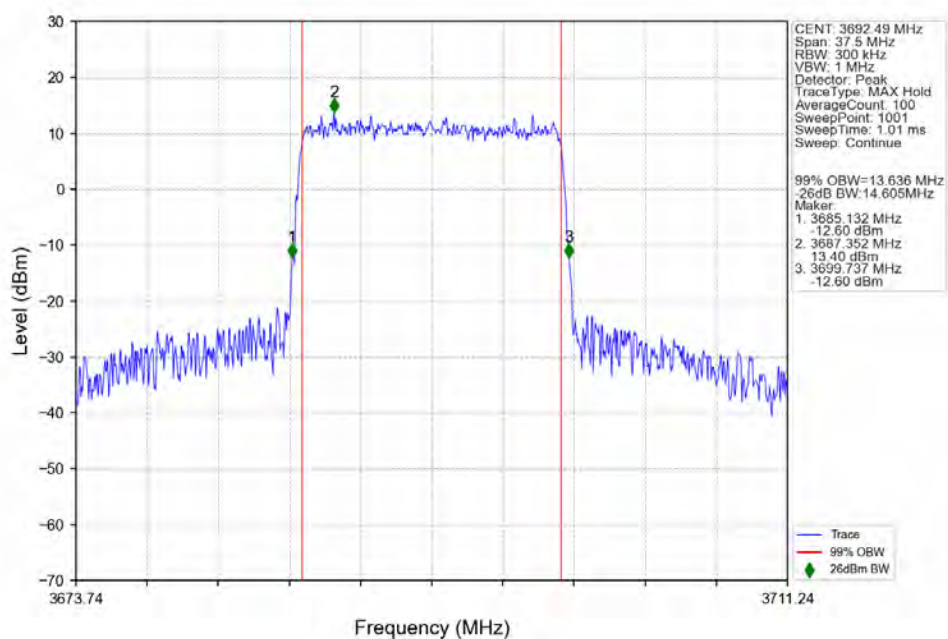
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM QPSK 3557.52MHz_Outer_Full_Ant1



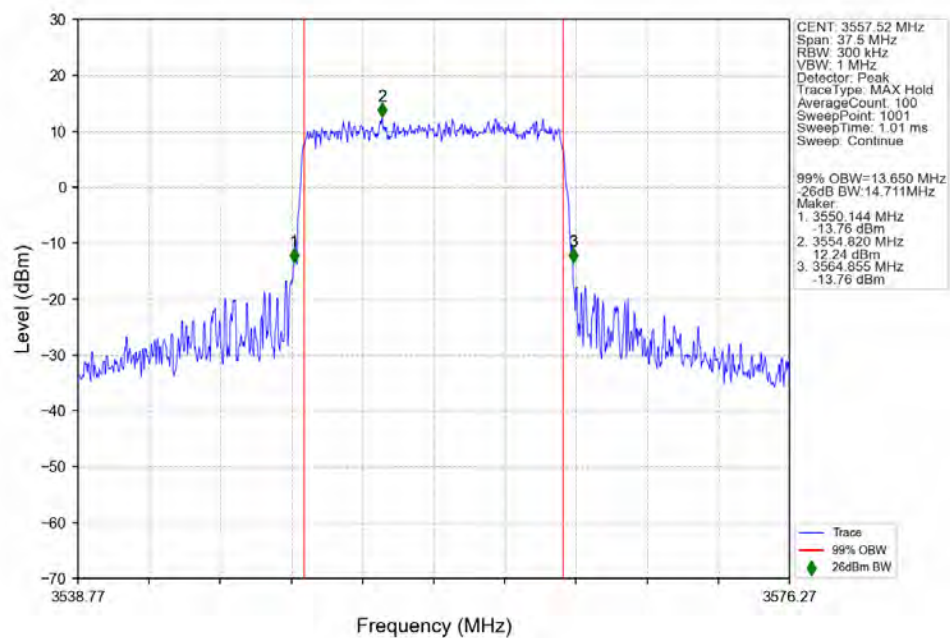
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1



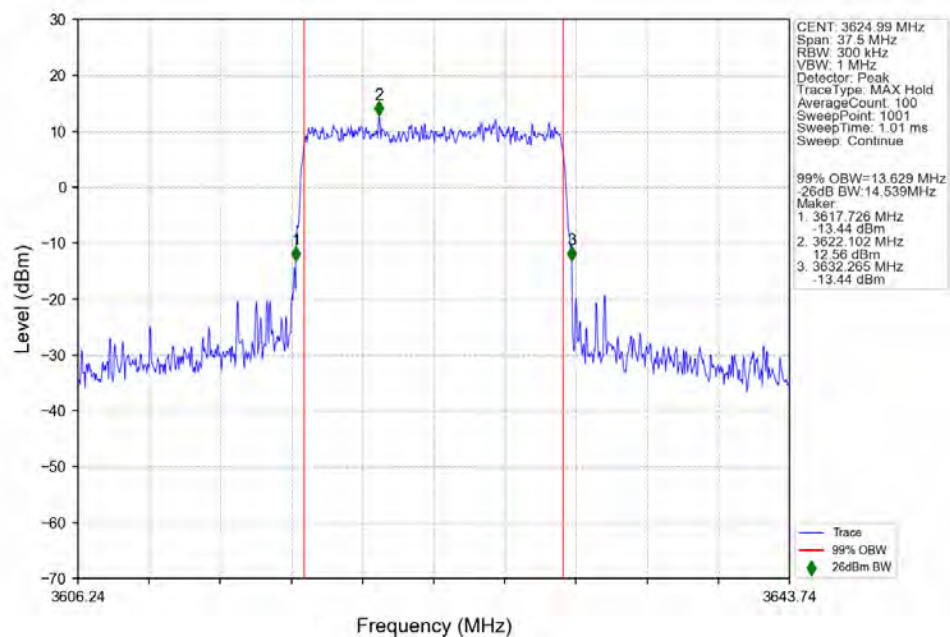
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_QPSK_3692.49MHz_Outer_Full_Ant1



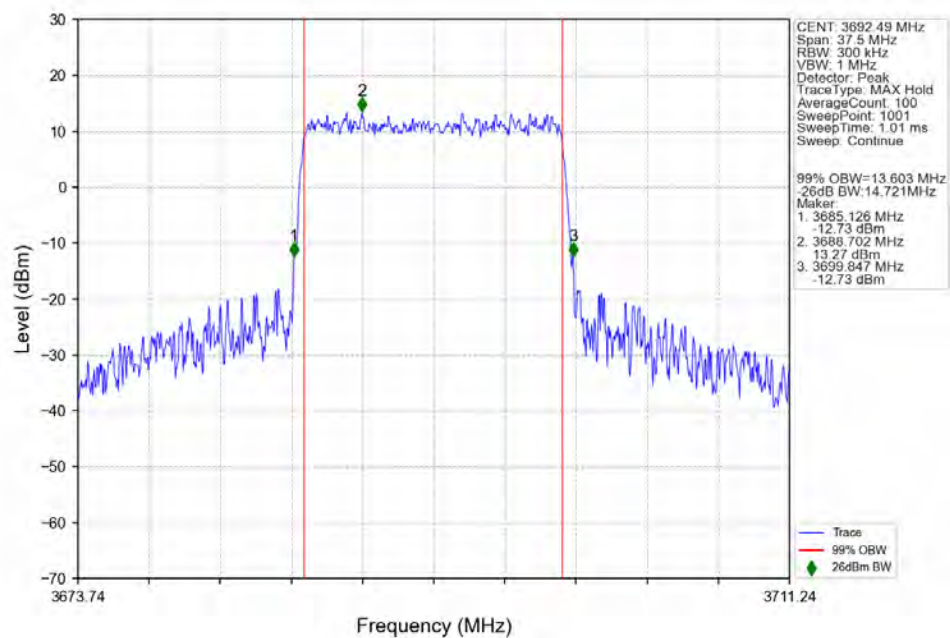
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3557.52MHz_Outer_Full_Ant1



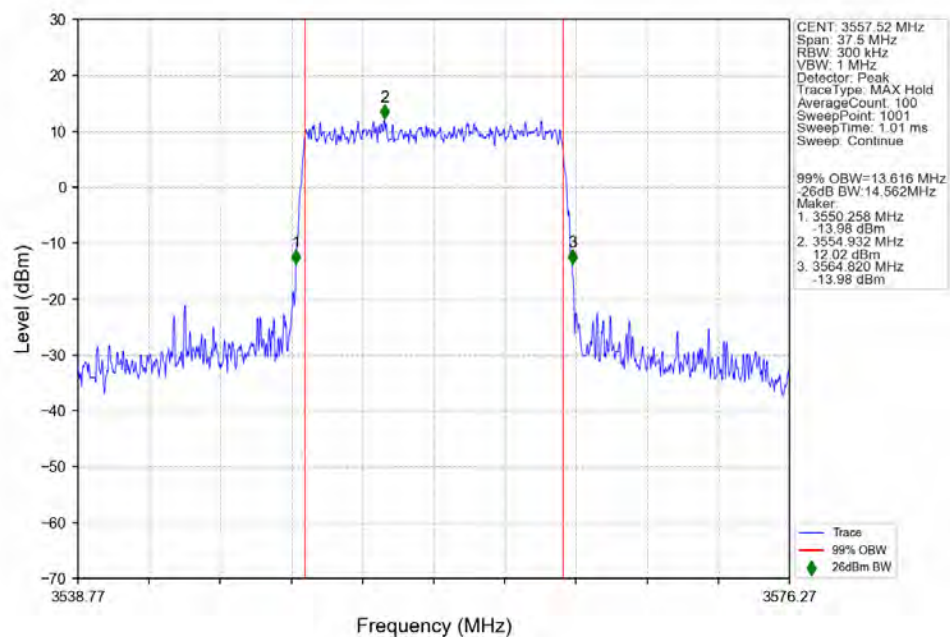
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant1



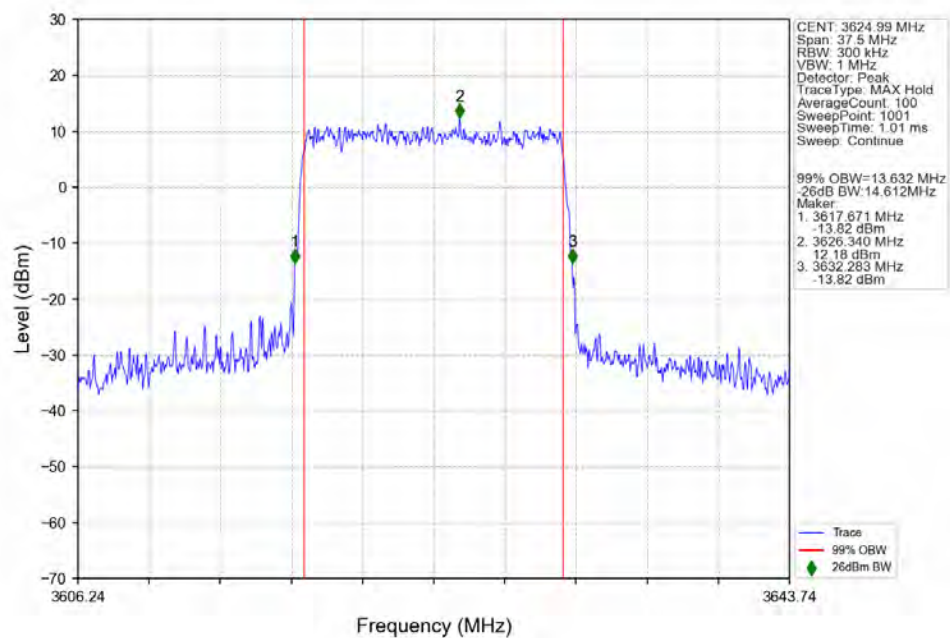
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_16_QAM_3692.49MHz_Outer_Full_Ant1



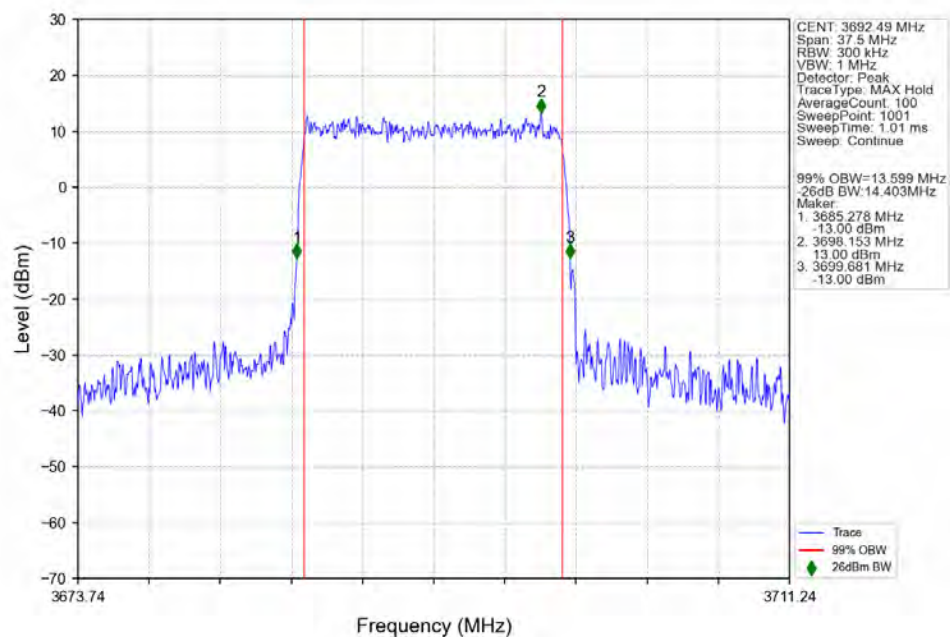
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_3557.52MHz_Outer_Full_Ant1



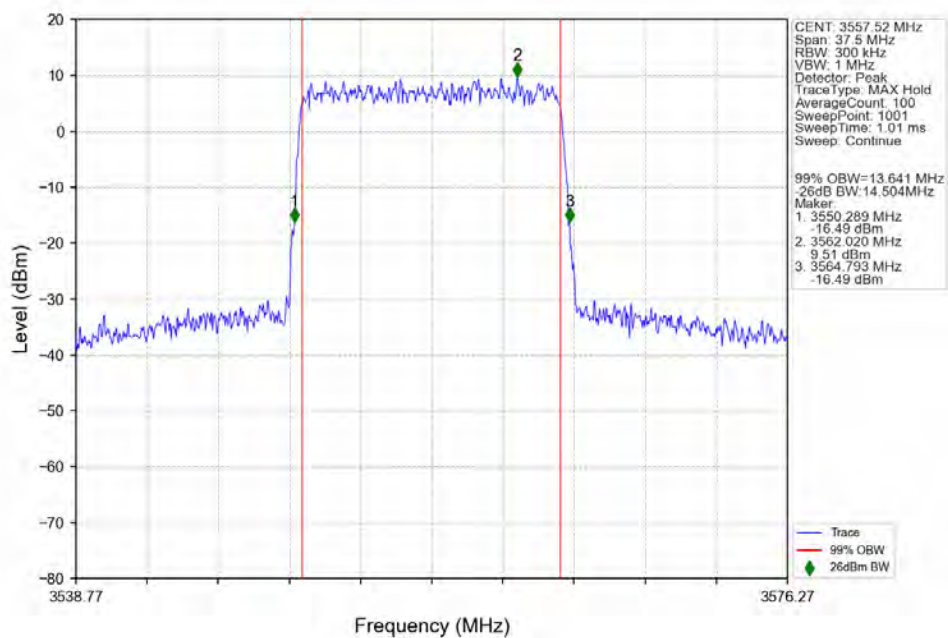
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant1



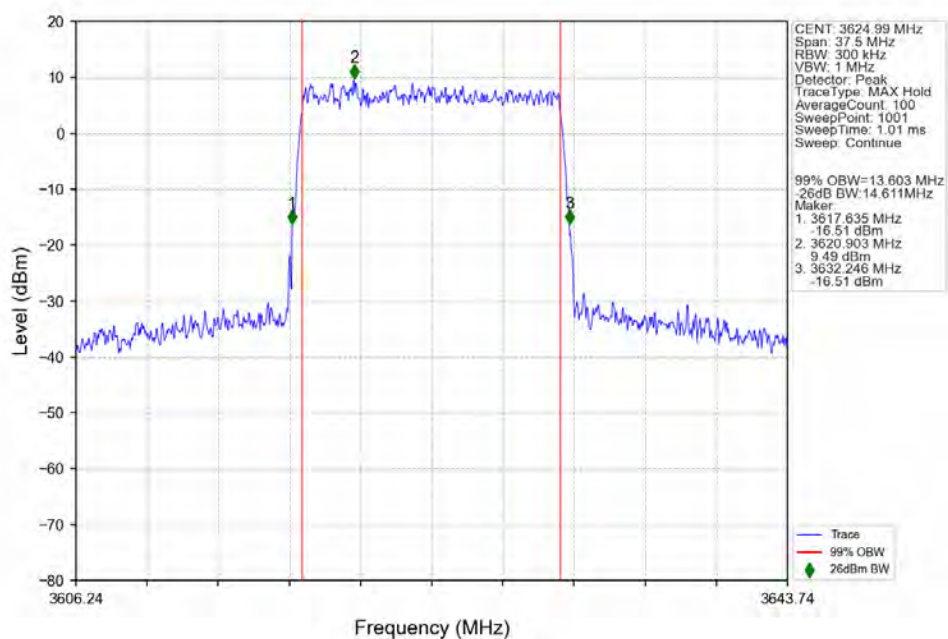
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM_64_QAM_3692.49MHz_Outer_Full_Ant1

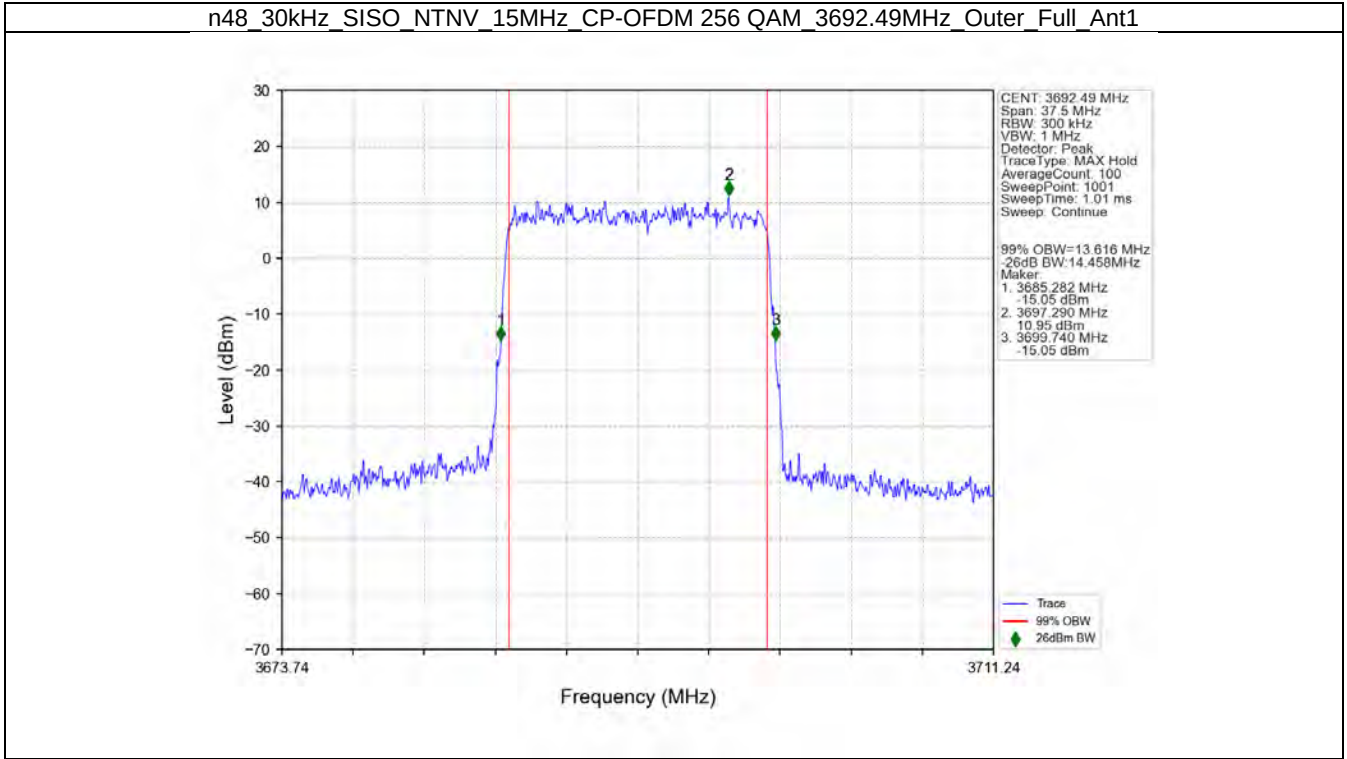


n48_30kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM 3557.52MHz_Outer_Full_Ant1



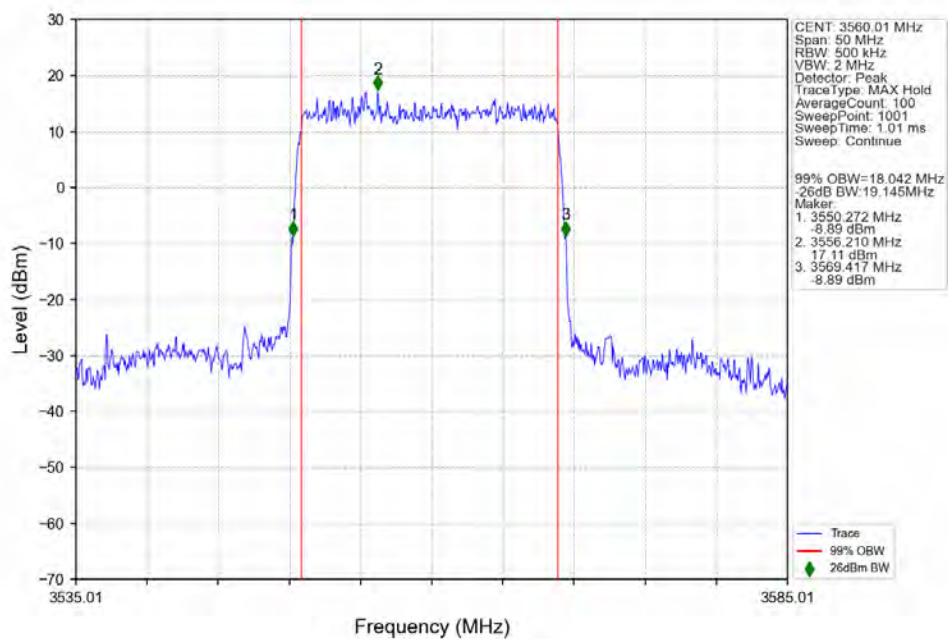
n48_30kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM 3624.99MHz_Outer_Full_Ant1



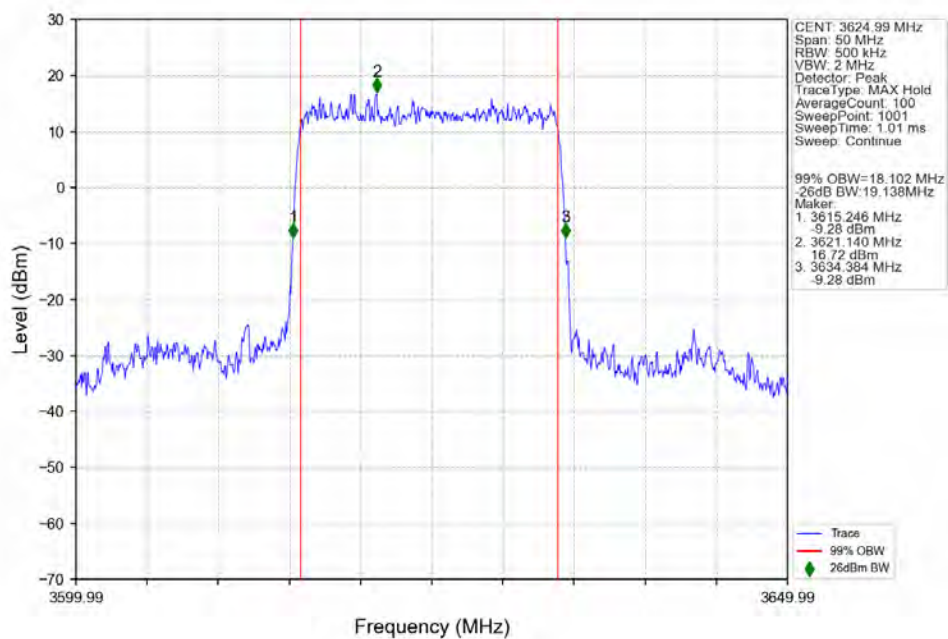


3.2.3 30_SISO_20M_NTNV

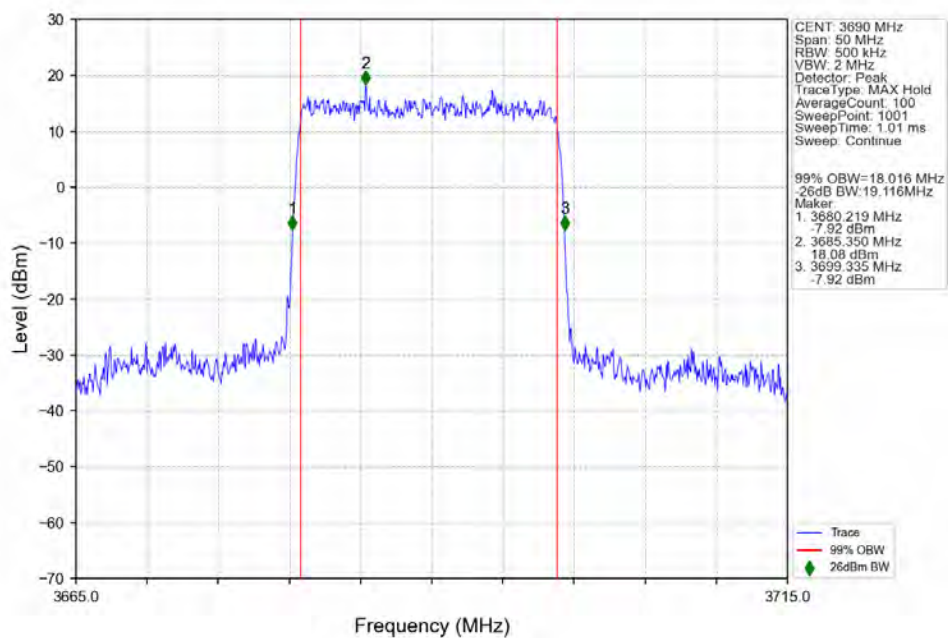
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3560.01MHz_Outer_Full_Ant1



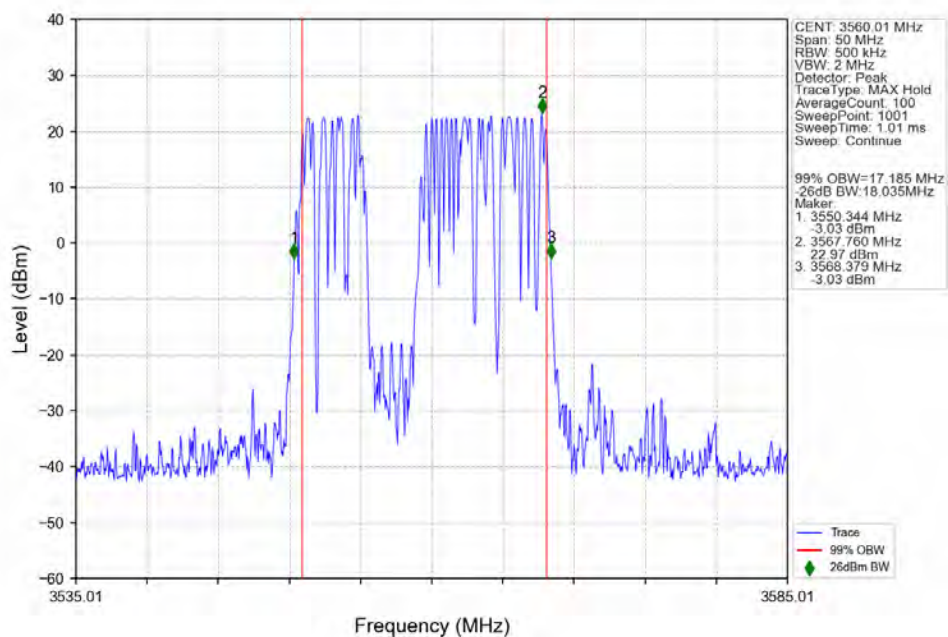
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Outer_Full_Ant1



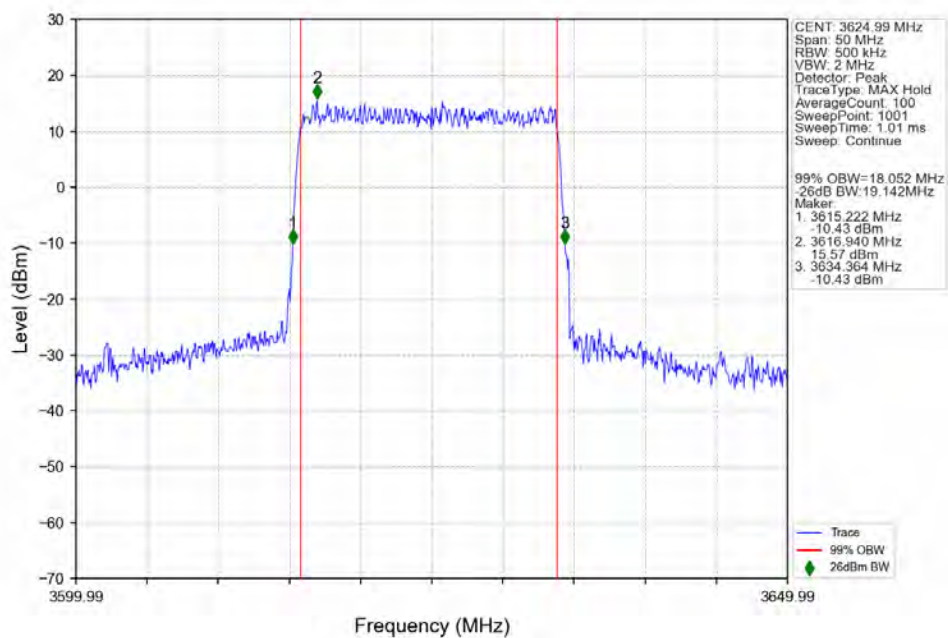
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Outer_Full_Ant1



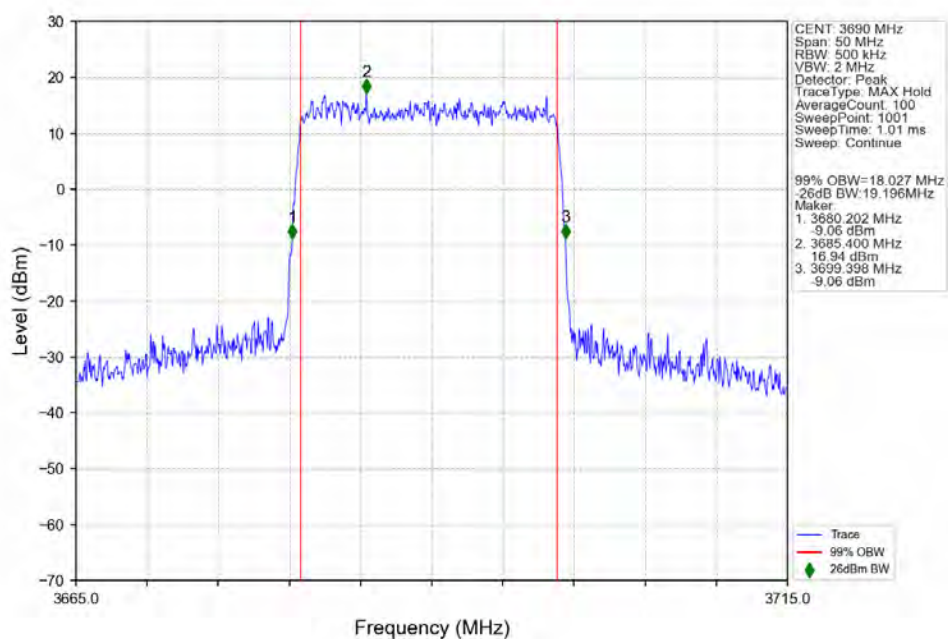
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3560.01MHz_Outer_Full_Ant1



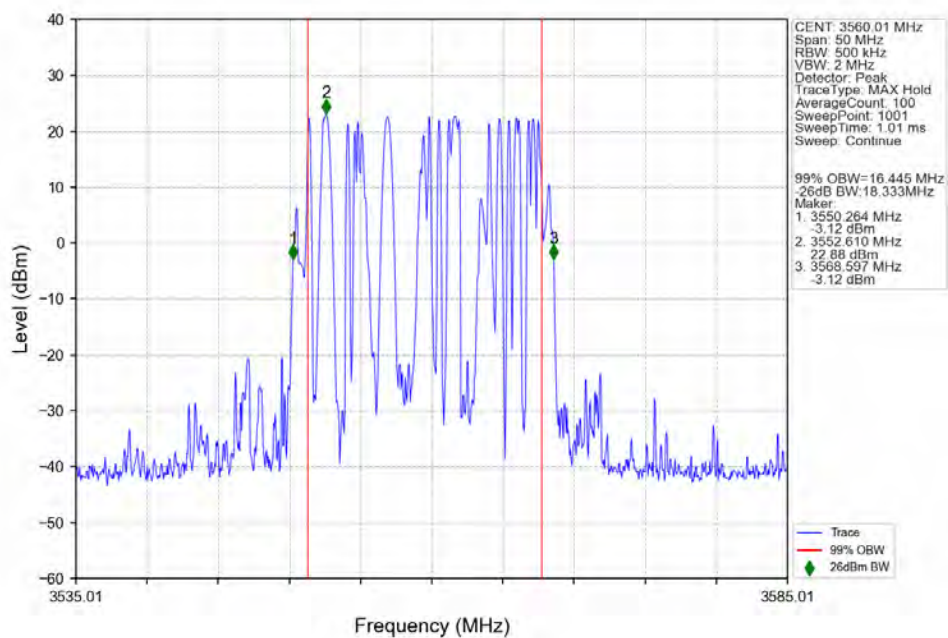
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3624.99MHz_Outer_Full_Ant1



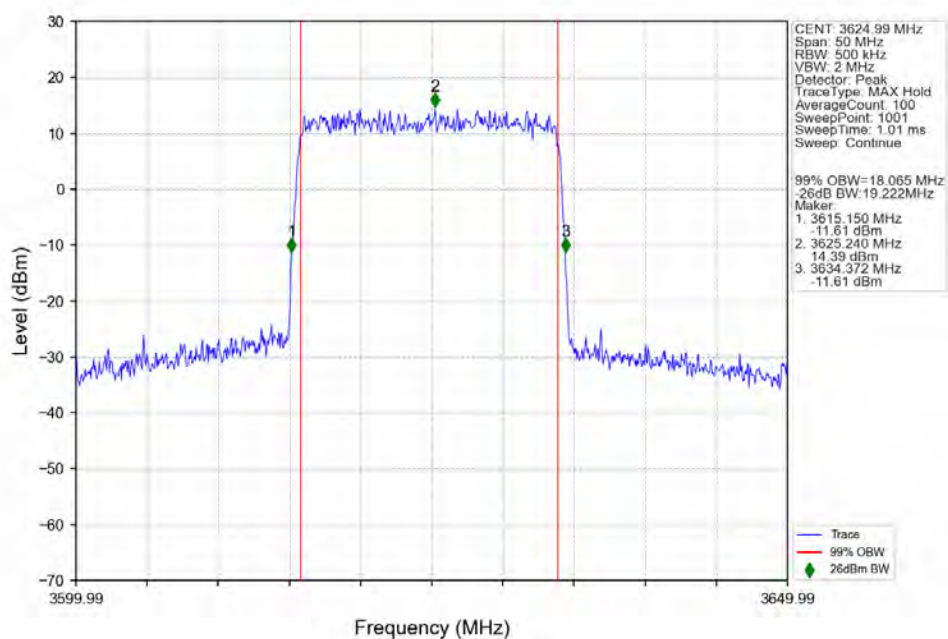
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3690MHz_Outer_Full_Ant1



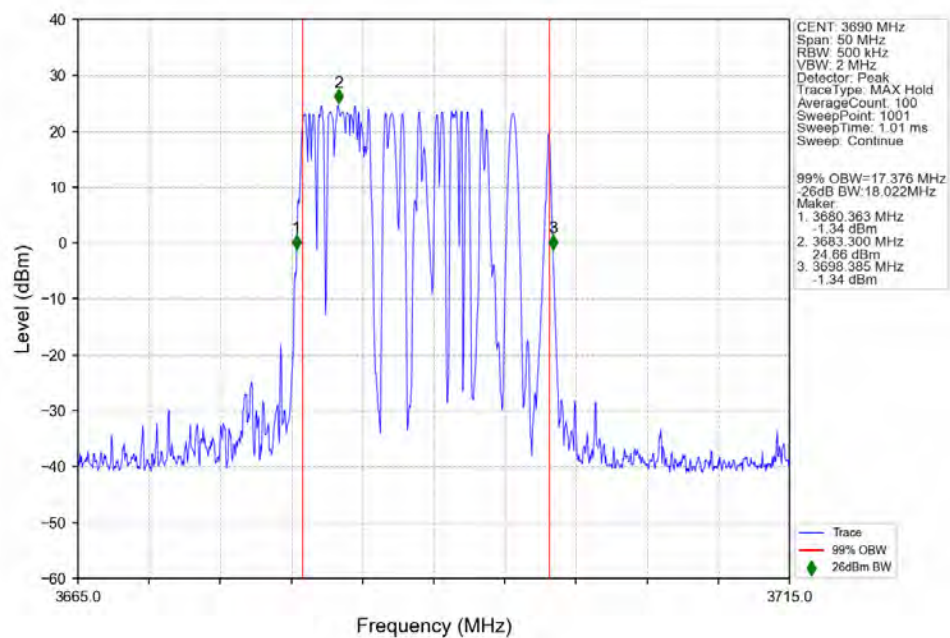
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3560.01MHz_Outer_Full_Ant1



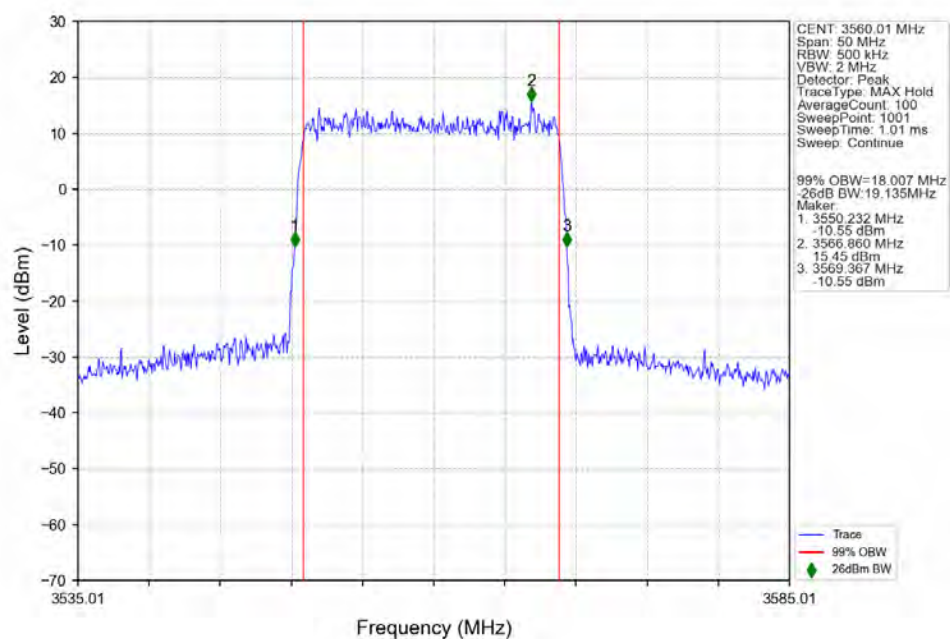
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3624.99MHz_Outer_Full_Ant1



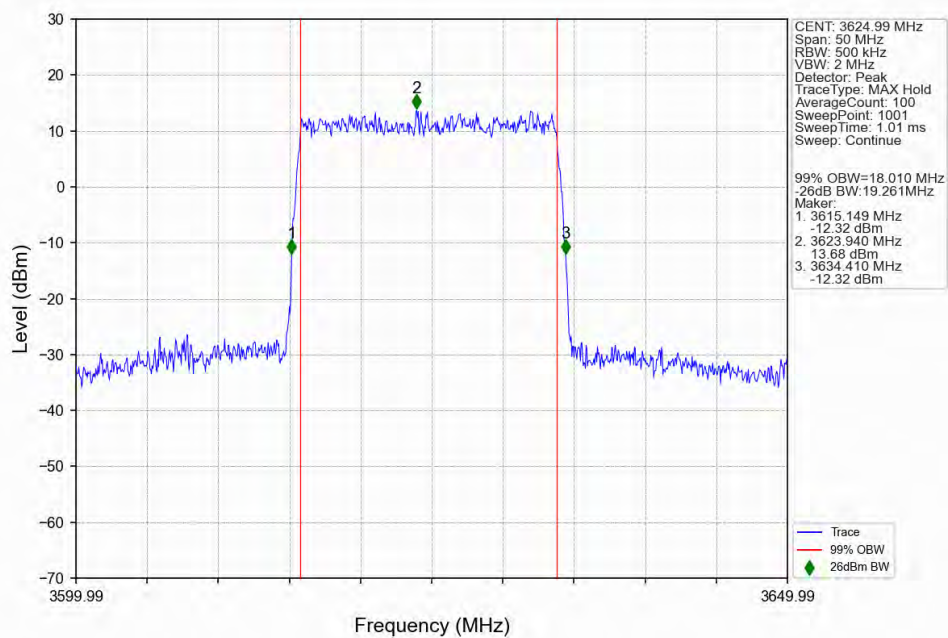
n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3690MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3560.01MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3624.99MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_64_QAM_3690MHz_Outer_Full_Ant1

