

Appendix B NR Band n77g

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_NTNV_EIRP

5G NR n77g 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	3455.01	Edge_1RB_Left	26.09	/	/	20.29	/	/	<=30	Pass
		Edge_1RB_Right	26.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	26.69	/	/	20.89	/	/	<=30	Pass
		Inner_Full	26.57	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Right	26.70	/	/	20.90	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.84	/	/	20.04	/	/	<=30	Pass
		Edge_1RB_Right	25.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	26.36	/	/	20.56	/	/	<=30	Pass
		Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	20.61	/	/	<=30	Pass
	3894.99	Edge_1RB_Left	25.61	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	25.65	/	/	19.85	/	/	<=30	Pass
		Outer_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	20.44	/	/	<=30	Pass
DFT-s-OFDM QPSK	3455.01	Edge_1RB_Left	26.08	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	26.09	/	/	20.29	/	/	<=30	Pass
		Outer_Full	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_Full	26.54	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Left	26.68	/	/	20.88	/	/	<=30	Pass
		Inner_1RB_Right	26.55	/	/	20.75	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	25.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_Full	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	20.61	/	/	<=30	Pass
	3894.99	Edge_1RB_Left	25.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB_Right	25.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_Full	25.96	/	/	20.16	/	/	<=30	Pass
		Inner_1RB_Left	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	20.36	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3455.01	Edge_1RB_Left	26.29	/	/	20.49	/	/	<=30	Pass
		Edge_1RB_Right	26.18	/	/	20.38	/	/	<=30	Pass
		Outer_Full	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_Full	26.41	/	/	20.61	/	/	<=30	Pass
		Inner_1RB_Left	26.63	/	/	20.83	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	20.81	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.94	/	/	20.14	/	/	<=30	Pass
		Edge_1RB_Right	26.00	/	/	20.20	/	/	<=30	Pass
		Outer_Full	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_Full	26.12	/	/	20.32	/	/	<=30	Pass

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DFT-s-OFDM 64 QAM		Inner_1RB Left	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB Right	26.47	/	/	20.67	/	/	<=30	Pass
	3894.99	Edge_1RB Left	25.62	/	/	19.82	/	/	<=30	Pass
		Edge_1RB Right	25.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	26.01	/	/	20.21	/	/	<=30	Pass
		Inner_Full	25.91	/	/	20.11	/	/	<=30	Pass
		Inner_1RB Left	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB Right	26.27	/	/	20.47	/	/	<=30	Pass
		Edge_1RB Left	26.19	/	/	20.39	/	/	<=30	Pass
		Edge_1RB Right	26.02	/	/	20.22	/	/	<=30	Pass
	3455.01	Outer_Full	26.55	/	/	20.75	/	/	<=30	Pass
		Inner_Full	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB Left	26.89	/	/	21.10	/	/	<=30	Pass
		Inner_1RB Right	26.69	/	/	20.89	/	/	<=30	Pass
	3675	Edge_1RB Left	25.85	/	/	20.05	/	/	<=30	Pass
		Edge_1RB Right	25.90	/	/	20.10	/	/	<=30	Pass
		Outer_Full	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB Left	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB Right	26.43	/	/	20.63	/	/	<=30	Pass
		Edge_1RB Left	25.46	/	/	19.66	/	/	<=30	Pass
		Edge_1RB Right	25.58	/	/	19.78	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3894.99	Outer_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_Full	25.95	/	/	20.15	/	/	<=30	Pass
		Inner_1RB Left	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB Right	26.09	/	/	20.29	/	/	<=30	Pass
	3455.01	Edge_1RB Left	25.01	/	/	19.21	/	/	<=30	Pass
		Edge_1RB Right	25.01	/	/	19.21	/	/	<=30	Pass
		Outer_Full	25.19	/	/	19.39	/	/	<=30	Pass
		Inner_Full	25.00	/	/	19.20	/	/	<=30	Pass
		Inner_1RB Left	24.95	/	/	19.15	/	/	<=30	Pass
		Inner_1RB Right	24.96	/	/	19.16	/	/	<=30	Pass
	3675	Edge_1RB Left	24.69	/	/	18.89	/	/	<=30	Pass
		Edge_1RB Right	24.75	/	/	18.95	/	/	<=30	Pass
		Outer_Full	24.95	/	/	19.15	/	/	<=30	Pass
		Inner_Full	24.72	/	/	18.92	/	/	<=30	Pass
		Inner_1RB Left	24.72	/	/	18.92	/	/	<=30	Pass
		Inner_1RB Right	24.78	/	/	18.98	/	/	<=30	Pass
	3894.99	Edge_1RB Left	24.39	/	/	18.59	/	/	<=30	Pass
		Edge_1RB Right	24.52	/	/	18.72	/	/	<=30	Pass
		Outer_Full	24.58	/	/	18.78	/	/	<=30	Pass
		Inner_Full	24.55	/	/	18.75	/	/	<=30	Pass
		Inner_1RB Left	24.43	/	/	18.63	/	/	<=30	Pass
		Inner_1RB Right	24.45	/	/	18.65	/	/	<=30	Pass
CP-OFDM QPSK	3455.01	Edge_1RB Left	26.20	/	/	20.40	/	/	<=30	Pass
		Edge_1RB Right	26.24	/	/	20.44	/	/	<=30	Pass
		Outer_Full	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_Full	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB Left	26.76	/	/	20.96	/	/	<=30	Pass
		Inner_1RB Right	26.81	/	/	21.01	/	/	<=30	Pass
	3675	Edge_1RB Left	25.88	/	/	20.08	/	/	<=30	Pass
		Edge_1RB Right	25.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	26.29	/	/	20.49	/	/	<=30	Pass
		Inner_Full	25.64	/	/	19.84	/	/	<=30	Pass
		Inner_1RB Left	26.36	/	/	20.56	/	/	<=30	Pass
		Inner_1RB Right	26.57	/	/	20.77	/	/	<=30	Pass
	3894.99	Edge_1RB Left	25.62	/	/	19.82	/	/	<=30	Pass
		Edge_1RB Right	25.68	/	/	19.88	/	/	<=30	Pass
		Outer_Full	26.08	/	/	20.28	/	/	<=30	Pass
		Inner_Full	25.97	/	/	20.17	/	/	<=30	Pass
		Inner_1RB Left	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB Right	26.29	/	/	20.49	/	/	<=30	Pass

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CP-OFDM 16 QAM	3455.01	Edge_1RB_Left	26.44	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	26.36	/	/	20.56	/	/	<=30	Pass
		Outer_Full	26.57	/	/	20.77	/	/	<=30	Pass
		Inner_Full	23.58	/	/	17.78	/	/	<=30	Pass
		Inner_1RB_Left	26.91	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	26.75	/	/	20.95	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	26.09	/	/	20.29	/	/	<=30	Pass
		Outer_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	26.68	/	/	20.88	/	/	<=30	Pass
	3894.99	Edge_1RB_Left	25.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	25.69	/	/	19.89	/	/	<=30	Pass
		Outer_Full	26.00	/	/	20.20	/	/	<=30	Pass
		Inner_Full	25.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	26.44	/	/	20.64	/	/	<=30	Pass
CP-OFDM 64 QAM	3455.01	Edge_1RB_Left	26.19	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	26.12	/	/	20.32	/	/	<=30	Pass
		Outer_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_Full	26.03	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Right	26.18	/	/	20.38	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.80	/	/	20.00	/	/	<=30	Pass
		Edge_1RB_Right	25.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	25.79	/	/	19.99	/	/	<=30	Pass
		Inner_Full	25.80	/	/	20.00	/	/	<=30	Pass
		Inner_1RB_Left	25.95	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	20.22	/	/	<=30	Pass
	3894.99	Edge_1RB_Left	25.57	/	/	19.77	/	/	<=30	Pass
		Edge_1RB_Right	25.64	/	/	19.84	/	/	<=30	Pass
		Outer_Full	25.63	/	/	19.83	/	/	<=30	Pass
		Inner_Full	25.57	/	/	19.77	/	/	<=30	Pass
		Inner_1RB_Left	25.63	/	/	19.83	/	/	<=30	Pass
		Inner_1RB_Right	25.68	/	/	19.88	/	/	<=30	Pass
CP-OFDM 256 QAM	3455.01	Edge_1RB_Left	23.03	/	/	17.23	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	17.19	/	/	<=30	Pass
		Outer_Full	23.15	/	/	17.35	/	/	<=30	Pass
		Inner_Full	23.12	/	/	17.32	/	/	<=30	Pass
		Inner_1RB_Left	23.09	/	/	17.29	/	/	<=30	Pass
		Inner_1RB_Right	23.04	/	/	17.24	/	/	<=30	Pass
	3675	Edge_1RB_Left	22.64	/	/	16.84	/	/	<=30	Pass
		Edge_1RB_Right	22.71	/	/	16.91	/	/	<=30	Pass
		Outer_Full	22.92	/	/	17.12	/	/	<=30	Pass
		Inner_Full	22.69	/	/	16.89	/	/	<=30	Pass
		Inner_1RB_Left	22.69	/	/	16.89	/	/	<=30	Pass
		Inner_1RB_Right	22.78	/	/	16.98	/	/	<=30	Pass
	3894.99	Edge_1RB_Left	22.34	/	/	16.54	/	/	<=30	Pass
		Edge_1RB_Right	22.43	/	/	16.63	/	/	<=30	Pass
		Outer_Full	22.57	/	/	16.77	/	/	<=30	Pass
		Inner_Full	22.54	/	/	16.74	/	/	<=30	Pass
		Inner_1RB_Left	22.39	/	/	16.59	/	/	<=30	Pass
		Inner_1RB_Right	22.49	/	/	16.69	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 30_S_20M_NTNV_EIRP

5G NR n77g SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	

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DFT-s-OFDM PI/2 BPSK	3460.02	Edge_1RB_Left	26.08	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	26.02	/	/	20.22	/	/	<=30	Pass
		Outer_Full	26.67	/	/	20.87	/	/	<=30	Pass
		Inner_Full	26.81	/	/	21.01	/	/	<=30	Pass
		Inner_1RB_Left	26.66	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	26.67	/	/	20.87	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.70	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	25.55	/	/	19.75	/	/	<=30	Pass
		Outer_Full	26.41	/	/	20.61	/	/	<=30	Pass
		Inner_Full	26.43	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	20.34	/	/	<=30	Pass
	3889.98	Edge_1RB_Left	25.34	/	/	19.54	/	/	<=30	Pass
		Edge_1RB_Right	25.40	/	/	19.60	/	/	<=30	Pass
		Outer_Full	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Right	26.08	/	/	20.28	/	/	<=30	Pass
DFT-s-OFDM QPSK	3460.02	Edge_1RB_Left	26.20	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	26.02	/	/	20.22	/	/	<=30	Pass
		Outer_Full	26.66	/	/	20.86	/	/	<=30	Pass
		Inner_Full	26.67	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	23.77	/	/	17.97	/	/	<=30	Pass
		Inner_1RB_Right	26.56	/	/	20.76	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.75	/	/	19.95	/	/	<=30	Pass
		Edge_1RB_Right	25.62	/	/	19.82	/	/	<=30	Pass
		Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_1RB_Right	26.18	/	/	20.38	/	/	<=30	Pass
	3889.98	Edge_1RB_Left	25.38	/	/	19.58	/	/	<=30	Pass
		Edge_1RB_Right	25.42	/	/	19.62	/	/	<=30	Pass
		Outer_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	25.93	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Right	26.07	/	/	20.27	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3460.02	Edge_1RB_Left	26.18	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	26.11	/	/	20.31	/	/	<=30	Pass
		Outer_Full	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_Full	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	26.58	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	20.70	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.82	/	/	20.02	/	/	<=30	Pass
		Edge_1RB_Right	25.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	26.23	/	/	20.43	/	/	<=30	Pass
	3889.98	Edge_1RB_Left	25.49	/	/	19.69	/	/	<=30	Pass
		Edge_1RB_Right	25.55	/	/	19.75	/	/	<=30	Pass
		Outer_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_Full	25.88	/	/	20.08	/	/	<=30	Pass
		Inner_1RB_Left	25.94	/	/	20.14	/	/	<=30	Pass
		Inner_1RB_Right	26.10	/	/	20.30	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3460.02	Edge_1RB_Left	26.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	25.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	26.65	/	/	20.85	/	/	<=30	Pass
		Inner_Full	26.62	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Left	26.75	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	26.70	/	/	20.90	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	25.54	/	/	19.74	/	/	<=30	Pass

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		Outer_Full	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_Full	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Left	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	26.14	/	/	20.34	/	/	<=30	Pass
	3889.98	Edge_1RB_Left	25.32	/	/	19.52	/	/	<=30	Pass
		Edge_1RB_Right	25.48	/	/	19.68	/	/	<=30	Pass
		Outer_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	25.91	/	/	20.11	/	/	<=30	Pass
		Inner_1RB_Right	25.95	/	/	20.15	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3460.02	Edge_1RB_Left	24.95	/	/	19.15	/	/	<=30	Pass
		Edge_1RB_Right	24.81	/	/	19.01	/	/	<=30	Pass
		Outer_Full	25.11	/	/	19.31	/	/	<=30	Pass
		Inner_Full	25.10	/	/	19.30	/	/	<=30	Pass
		Inner_1RB_Left	24.94	/	/	19.14	/	/	<=30	Pass
		Inner_1RB_Right	24.92	/	/	19.12	/	/	<=30	Pass
	3675	Edge_1RB_Left	24.56	/	/	18.76	/	/	<=30	Pass
		Edge_1RB_Right	24.41	/	/	18.61	/	/	<=30	Pass
		Outer_Full	24.77	/	/	18.97	/	/	<=30	Pass
		Inner_Full	24.76	/	/	18.96	/	/	<=30	Pass
		Inner_1RB_Left	24.55	/	/	18.75	/	/	<=30	Pass
		Inner_1RB_Right	24.40	/	/	18.60	/	/	<=30	Pass
	3889.98	Edge_1RB_Left	24.23	/	/	18.43	/	/	<=30	Pass
		Edge_1RB_Right	24.26	/	/	18.46	/	/	<=30	Pass
		Outer_Full	24.63	/	/	18.83	/	/	<=30	Pass
		Inner_Full	24.61	/	/	18.81	/	/	<=30	Pass
		Inner_1RB_Left	24.23	/	/	18.43	/	/	<=30	Pass
		Inner_1RB_Right	24.26	/	/	18.46	/	/	<=30	Pass
CP-OFDM QPSK	3460.02	Edge_1RB_Left	26.22	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	26.11	/	/	20.31	/	/	<=30	Pass
		Outer_Full	26.76	/	/	20.96	/	/	<=30	Pass
		Inner_Full	26.58	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Left	26.66	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	26.67	/	/	20.87	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	25.74	/	/	19.94	/	/	<=30	Pass
		Outer_Full	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_Full	26.29	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
	3889.98	Edge_1RB_Left	25.47	/	/	19.67	/	/	<=30	Pass
		Edge_1RB_Right	25.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	26.12	/	/	20.33	/	/	<=30	Pass
		Inner_Full	26.03	/	/	20.23	/	/	<=30	Pass
		Inner_1RB_Left	25.92	/	/	20.12	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	20.25	/	/	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge_1RB_Left	26.33	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	26.23	/	/	20.43	/	/	<=30	Pass
		Outer_Full	26.65	/	/	20.85	/	/	<=30	Pass
		Inner_Full	26.67	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	26.77	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	26.80	/	/	21.00	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	25.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_Full	26.36	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	26.31	/	/	20.51	/	/	<=30	Pass
	3889.98	Edge_1RB_Left	25.59	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	25.64	/	/	19.85	/	/	<=30	Pass
		Outer_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	26.15	/	/	20.35	/	/	<=30	Pass

		Inner_1RB_Left	26.03	/	/	20.23	/	/	<=30	Pass	
		Inner_1RB_Right	26.15	/	/	20.35	/	/	<=30	Pass	
CP-OFDM 64 QAM	3460.02	Edge_1RB_Left	26.23	/	/	20.43	/	/	<=30	Pass	
		Edge_1RB_Right	26.24	/	/	20.44	/	/	<=30	Pass	
		Outer_Full	26.11	/	/	20.31	/	/	<=30	Pass	
		Inner_Full	26.21	/	/	20.41	/	/	<=30	Pass	
		Inner_1RB_Left	26.27	/	/	20.47	/	/	<=30	Pass	
		Inner_1RB_Right	26.19	/	/	20.39	/	/	<=30	Pass	
		3675	Edge_1RB_Left	25.82	/	/	20.02	/	/	<=30	Pass
			Edge_1RB_Right	25.69	/	/	19.89	/	/	<=30	Pass
	Outer_Full		25.78	/	/	19.98	/	/	<=30	Pass	
	Inner_Full		25.88	/	/	20.08	/	/	<=30	Pass	
	Inner_1RB_Left		25.84	/	/	20.04	/	/	<=30	Pass	
	Inner_1RB_Right		25.75	/	/	19.95	/	/	<=30	Pass	
	3889.98		Edge_1RB_Left	25.42	/	/	19.62	/	/	<=30	Pass
			Edge_1RB_Right	25.50	/	/	19.70	/	/	<=30	Pass
		Outer_Full	25.60	/	/	19.80	/	/	<=30	Pass	
		Inner_Full	25.81	/	/	20.01	/	/	<=30	Pass	
		Inner_1RB_Left	25.44	/	/	19.64	/	/	<=30	Pass	
		Inner_1RB_Right	25.64	/	/	19.84	/	/	<=30	Pass	
CP-OFDM 256 QAM		3460.02	Edge_1RB_Left	22.90	/	/	17.10	/	/	<=30	Pass
			Edge_1RB_Right	22.82	/	/	17.02	/	/	<=30	Pass
	Outer_Full		23.25	/	/	17.45	/	/	<=30	Pass	
	Inner_Full		23.12	/	/	17.32	/	/	<=30	Pass	
	Inner_1RB_Left		22.91	/	/	17.11	/	/	<=30	Pass	
	Inner_1RB_Right		22.89	/	/	17.09	/	/	<=30	Pass	
	3675	Edge_1RB_Left	22.63	/	/	16.83	/	/	<=30	Pass	
		Edge_1RB_Right	22.44	/	/	16.64	/	/	<=30	Pass	
		Outer_Full	22.84	/	/	17.04	/	/	<=30	Pass	
		Inner_Full	22.79	/	/	16.99	/	/	<=30	Pass	
		Inner_1RB_Left	22.57	/	/	16.77	/	/	<=30	Pass	
		Inner_1RB_Right	22.50	/	/	16.70	/	/	<=30	Pass	
	3889.98	Edge_1RB_Left	22.09	/	/	16.29	/	/	<=30	Pass	
		Edge_1RB_Right	22.20	/	/	16.40	/	/	<=30	Pass	
		Outer_Full	22.61	/	/	16.81	/	/	<=30	Pass	
		Inner_Full	22.68	/	/	16.88	/	/	<=30	Pass	
		Inner_1RB_Left	22.12	/	/	16.32	/	/	<=30	Pass	
		Inner_1RB_Right	22.26	/	/	16.46	/	/	<=30	Pass	
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.3 30_S_30M_NTNV_EIRP

5G NR n77g SCS=30kHz SISO 30MHz 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	3465	Edge_1RB Left	26.27	/	/	20.47	/	/	<=30	Pass
		Edge_1RB Right	26.14	/	/	20.34	/	/	<=30	Pass
		Outer_Full	26.87	/	/	21.07	/	/	<=30	Pass
		Inner_Full	26.93	/	/	21.13	/	/	<=30	Pass
		Inner_1RB Left	26.84	/	/	21.05	/	/	<=30	Pass
		Inner_1RB Right	26.73	/	/	20.93	/	/	<=30	Pass
	3675	Edge_1RB Left	25.87	/	/	20.07	/	/	<=30	Pass
		Edge_1RB Right	25.84	/	/	20.04	/	/	<=30	Pass
		Outer_Full	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_Full	26.55	/	/	20.75	/	/	<=30	Pass
		Inner_1RB Left	26.57	/	/	20.77	/	/	<=30	Pass
		Inner_1RB Right	26.44	/	/	20.64	/	/	<=30	Pass
	3885	Edge_1RB Left	25.76	/	/	19.96	/	/	<=30	Pass
		Edge_1RB Right	25.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_Full	26.36	/	/	20.56	/	/	<=30	Pass

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		Inner_1RB Left	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_1RB Right	26.31	/	/	20.51	/	/	<=30	Pass
DFT-s-OFDM QPSK	3465	Edge_1RB Left	26.28	/	/	20.48	/	/	<=30	Pass
		Edge_1RB Right	26.19	/	/	20.39	/	/	<=30	Pass
		Outer_Full	26.83	/	/	21.03	/	/	<=30	Pass
		Inner_Full	26.86	/	/	21.06	/	/	<=30	Pass
		Inner_1RB Left	26.94	/	/	21.14	/	/	<=30	Pass
		Inner_1RB Right	26.74	/	/	20.94	/	/	<=30	Pass
	3675	Edge_1RB Left	25.95	/	/	20.15	/	/	<=30	Pass
		Edge_1RB Right	25.92	/	/	20.12	/	/	<=30	Pass
		Outer_Full	26.51	/	/	20.71	/	/	<=30	Pass
		Inner_Full	26.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB Left	26.51	/	/	20.71	/	/	<=30	Pass
		Inner_1RB Right	26.61	/	/	20.81	/	/	<=30	Pass
	3885	Edge_1RB Left	25.72	/	/	19.92	/	/	<=30	Pass
		Edge_1RB Right	25.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_1RB Left	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_1RB Right	26.25	/	/	20.45	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3465	Edge_1RB Left	26.39	/	/	20.60	/	/	<=30	Pass
		Edge_1RB Right	26.30	/	/	20.50	/	/	<=30	Pass
		Outer_Full	26.70	/	/	20.90	/	/	<=30	Pass
		Inner_Full	26.77	/	/	20.97	/	/	<=30	Pass
		Inner_1RB Left	27.03	/	/	21.23	/	/	<=30	Pass
		Inner_1RB Right	26.83	/	/	21.03	/	/	<=30	Pass
	3675	Edge_1RB Left	26.01	/	/	20.21	/	/	<=30	Pass
		Edge_1RB Right	25.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_Full	26.49	/	/	20.69	/	/	<=30	Pass
		Inner_1RB Left	26.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB Right	26.44	/	/	20.64	/	/	<=30	Pass
	3885	Edge_1RB Left	25.76	/	/	19.96	/	/	<=30	Pass
		Edge_1RB Right	25.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_1RB Left	26.21	/	/	20.42	/	/	<=30	Pass
		Inner_1RB Right	26.16	/	/	20.36	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3465	Edge_1RB Left	26.46	/	/	20.66	/	/	<=30	Pass
		Edge_1RB Right	26.39	/	/	20.59	/	/	<=30	Pass
		Outer_Full	26.73	/	/	20.93	/	/	<=30	Pass
		Inner_Full	26.75	/	/	20.95	/	/	<=30	Pass
		Inner_1RB Left	27.14	/	/	21.35	/	/	<=30	Pass
		Inner_1RB Right	26.96	/	/	21.16	/	/	<=30	Pass
	3675	Edge_1RB Left	25.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB Right	25.89	/	/	20.09	/	/	<=30	Pass
		Outer_Full	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_Full	26.58	/	/	20.78	/	/	<=30	Pass
		Inner_1RB Left	26.50	/	/	20.71	/	/	<=30	Pass
		Inner_1RB Right	26.38	/	/	20.58	/	/	<=30	Pass
	3885	Edge_1RB Left	25.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB Right	25.62	/	/	19.83	/	/	<=30	Pass
		Outer_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_1RB Left	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_1RB Right	26.39	/	/	20.59	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3465	Edge_1RB Left	25.15	/	/	19.35	/	/	<=30	Pass
		Edge_1RB Right	25.00	/	/	19.20	/	/	<=30	Pass
		Outer_Full	25.26	/	/	19.46	/	/	<=30	Pass
		Inner_Full	25.20	/	/	19.40	/	/	<=30	Pass
		Inner_1RB Left	25.18	/	/	19.38	/	/	<=30	Pass
		Inner_1RB Right	25.02	/	/	19.22	/	/	<=30	Pass

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	3675	Edge_1RB_Left	24.77	/	/	18.97	/	/	<=30	Pass
		Edge_1RB_Right	24.73	/	/	18.93	/	/	<=30	Pass
		Outer_Full	24.94	/	/	19.14	/	/	<=30	Pass
		Inner_Full	24.96	/	/	19.16	/	/	<=30	Pass
		Inner_1RB_Left	24.78	/	/	18.98	/	/	<=30	Pass
		Inner_1RB_Right	24.76	/	/	18.96	/	/	<=30	Pass
	3885	Edge_1RB_Left	24.65	/	/	18.85	/	/	<=30	Pass
		Edge_1RB_Right	24.59	/	/	18.79	/	/	<=30	Pass
		Outer_Full	24.76	/	/	18.96	/	/	<=30	Pass
		Inner_Full	24.71	/	/	18.91	/	/	<=30	Pass
		Inner_1RB_Left	24.66	/	/	18.86	/	/	<=30	Pass
		Inner_1RB_Right	24.61	/	/	18.81	/	/	<=30	Pass
CP-OFDM QPSK	3465	Edge_1RB_Left	26.43	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	26.29	/	/	20.49	/	/	<=30	Pass
		Outer_Full	26.63	/	/	20.83	/	/	<=30	Pass
		Inner_Full	26.71	/	/	20.92	/	/	<=30	Pass
		Inner_1RB_Left	27.25	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Right	26.78	/	/	20.98	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.01	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	26.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_Full	26.33	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Left	26.56	/	/	20.76	/	/	<=30	Pass
		Inner_1RB_Right	26.47	/	/	20.67	/	/	<=30	Pass
	3885	Edge_1RB_Left	25.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	25.84	/	/	20.04	/	/	<=30	Pass
		Outer_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	25.81	/	/	20.01	/	/	<=30	Pass
		Inner_1RB_Left	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
CP-OFDM 16 QAM	3465	Edge_1RB_Left	26.47	/	/	20.67	/	/	<=30	Pass
		Edge_1RB_Right	26.32	/	/	20.52	/	/	<=30	Pass
		Outer_Full	26.80	/	/	21.00	/	/	<=30	Pass
		Inner_Full	26.76	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Left	26.86	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	26.79	/	/	20.99	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.14	/	/	20.35	/	/	<=30	Pass
		Edge_1RB_Right	26.16	/	/	20.36	/	/	<=30	Pass
		Outer_Full	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_Full	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	26.62	/	/	20.82	/	/	<=30	Pass
	3885	Edge_1RB_Left	25.90	/	/	20.10	/	/	<=30	Pass
		Edge_1RB_Right	25.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	20.65	/	/	<=30	Pass
CP-OFDM 64 QAM	3465	Edge_1RB_Left	26.34	/	/	20.54	/	/	<=30	Pass
		Edge_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
		Outer_Full	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_Full	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Left	26.39	/	/	20.59	/	/	<=30	Pass
		Inner_1RB_Right	26.25	/	/	20.45	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	26.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	25.97	/	/	20.17	/	/	<=30	Pass
		Inner_Full	25.93	/	/	20.13	/	/	<=30	Pass
		Inner_1RB_Left	26.04	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Right	26.05	/	/	20.25	/	/	<=30	Pass
	3885	Edge_1RB_Left	25.71	/	/	19.92	/	/	<=30	Pass
		Edge_1RB_Right	25.67	/	/	19.87	/	/	<=30	Pass

CP-OFDM 256 QAM		Outer_Full	25.68	/	/	19.88	/	/	<=30	Pass
		Inner_Full	25.71	/	/	19.91	/	/	<=30	Pass
		Inner_1RB_Left	25.84	/	/	20.04	/	/	<=30	Pass
		Inner_1RB_Right	25.81	/	/	20.01	/	/	<=30	Pass
	3465	Edge_1RB_Left	23.09	/	/	17.29	/	/	<=30	Pass
		Edge_1RB_Right	22.99	/	/	17.19	/	/	<=30	Pass
		Outer_Full	23.30	/	/	17.50	/	/	<=30	Pass
		Inner_Full	23.32	/	/	17.52	/	/	<=30	Pass
	3675	Inner_1RB_Left	23.05	/	/	17.25	/	/	<=30	Pass
		Inner_1RB_Right	23.03	/	/	17.23	/	/	<=30	Pass
		Edge_1RB_Left	22.70	/	/	16.90	/	/	<=30	Pass
		Edge_1RB_Right	22.78	/	/	16.98	/	/	<=30	Pass
	3885	Outer_Full	22.99	/	/	17.19	/	/	<=30	Pass
		Inner_Full	22.89	/	/	17.09	/	/	<=30	Pass
		Inner_1RB_Left	22.84	/	/	17.04	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	17.01	/	/	<=30	Pass
	3885	Edge_1RB_Left	22.49	/	/	16.69	/	/	<=30	Pass
		Edge_1RB_Right	22.48	/	/	16.68	/	/	<=30	Pass
		Outer_Full	22.70	/	/	16.90	/	/	<=30	Pass
		Inner_Full	22.65	/	/	16.85	/	/	<=30	Pass
	3885	Inner_1RB_Left	22.54	/	/	16.74	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	16.70	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.4 30_S_40M_NTNV_EIRP

5G NR n77g 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	3470.01	Edge_1RB_Left	26.32	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	26.20	/	/	20.40	/	/	<=30	Pass
		Outer_Full	26.92	/	/	21.12	/	/	<=30	Pass
		Inner_Full	26.95	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Left	26.91	/	/	21.11	/	/	<=30	Pass
		Inner_1RB_Right	26.79	/	/	20.99	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	25.87	/	/	20.07	/	/	<=30	Pass
		Outer_Full	26.49	/	/	20.69	/	/	<=30	Pass
		Inner_Full	26.50	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Left	26.60	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	20.65	/	/	<=30	Pass
	3879.99	Edge_1RB_Left	25.56	/	/	19.76	/	/	<=30	Pass
		Edge_1RB_Right	25.70	/	/	19.90	/	/	<=30	Pass
		Outer_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_Full	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB_Left	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
DFT-s-OFDM QPSK	3470.01	Edge_1RB_Left	26.33	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	26.23	/	/	20.43	/	/	<=30	Pass
		Outer_Full	26.83	/	/	21.03	/	/	<=30	Pass
		Inner_Full	26.87	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	26.89	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Right	26.76	/	/	20.96	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.99	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	25.88	/	/	20.08	/	/	<=30	Pass
		Outer_Full	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_Full	26.57	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Left	26.51	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Right	26.49	/	/	20.69	/	/	<=30	Pass
	3879.99	Edge_1RB_Left	25.59	/	/	19.79	/	/	<=30	Pass
		Edge_1RB_Right	25.75	/	/	19.95	/	/	<=30	Pass

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DFT-s-OFDM 16 QAM		Outer_Full	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_Full	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	26.42	/	/	20.62	/	/	<=30	Pass
		Edge_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
		Outer_Full	26.78	/	/	20.98	/	/	<=30	Pass
		Inner_Full	26.78	/	/	20.98	/	/	<=30	Pass
	3675	Inner_1RB_Left	26.77	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Right	26.96	/	/	21.16	/	/	<=30	Pass
		Edge_1RB_Left	26.07	/	/	20.27	/	/	<=30	Pass
		Edge_1RB_Right	25.91	/	/	20.11	/	/	<=30	Pass
	3879.99	Outer_Full	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_Full	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	26.46	/	/	20.67	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3470.01	Edge_1RB_Left	25.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	25.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_Full	26.19	/	/	20.39	/	/	<=30	Pass
	3675	Inner_1RB_Left	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Left	26.32	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	26.14	/	/	20.35	/	/	<=30	Pass
	3879.99	Outer_Full	26.76	/	/	20.96	/	/	<=30	Pass
		Inner_Full	26.75	/	/	20.95	/	/	<=30	Pass
		Inner_1RB_Left	26.97	/	/	21.17	/	/	<=30	Pass
		Inner_1RB_Right	26.87	/	/	21.07	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3470.01	Edge_1RB_Left	25.99	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	25.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_Full	26.40	/	/	20.60	/	/	<=30	Pass
	3675	Inner_1RB_Left	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Right	26.34	/	/	20.54	/	/	<=30	Pass
		Edge_1RB_Left	25.58	/	/	19.78	/	/	<=30	Pass
		Edge_1RB_Right	25.71	/	/	19.91	/	/	<=30	Pass
	3879.99	Outer_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	26.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	20.39	/	/	<=30	Pass
CP-OFDM QPSK	3470.01	Edge_1RB_Left	25.20	/	/	19.40	/	/	<=30	Pass
		Edge_1RB_Right	25.06	/	/	19.26	/	/	<=30	Pass
		Outer_Full	25.29	/	/	19.49	/	/	<=30	Pass
		Inner_Full	25.24	/	/	19.44	/	/	<=30	Pass
	3675	Inner_1RB_Left	25.21	/	/	19.41	/	/	<=30	Pass
		Inner_1RB_Right	25.05	/	/	19.25	/	/	<=30	Pass
		Edge_1RB_Left	24.84	/	/	19.04	/	/	<=30	Pass
		Edge_1RB_Right	24.70	/	/	18.90	/	/	<=30	Pass
	3879.99	Outer_Full	25.08	/	/	19.28	/	/	<=30	Pass
		Inner_Full	24.85	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Left	24.85	/	/	19.05	/	/	<=30	Pass
		Inner_1RB_Right	24.71	/	/	18.91	/	/	<=30	Pass
	3470.01	Edge_1RB_Left	24.41	/	/	18.61	/	/	<=30	Pass
		Edge_1RB_Right	24.50	/	/	18.70	/	/	<=30	Pass
		Outer_Full	24.71	/	/	18.91	/	/	<=30	Pass
		Inner_Full	24.69	/	/	18.89	/	/	<=30	Pass
	3470.01	Inner_1RB_Left	24.31	/	/	18.51	/	/	<=30	Pass
		Inner_1RB_Right	24.51	/	/	18.71	/	/	<=30	Pass
		Edge_1RB_Left	26.44	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	26.32	/	/	20.52	/	/	<=30	Pass
	3470.01	Outer_Full	26.92	/	/	21.12	/	/	<=30	Pass
		Inner_Full	26.77	/	/	20.97	/	/	<=30	Pass

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		Inner_1RB Left	26.89	/	/	21.09	/	/	<=30	Pass
		Inner_1RB Right	26.74	/	/	20.94	/	/	<=30	Pass
	3675	Edge_1RB Left	26.16	/	/	20.36	/	/	<=30	Pass
		Edge_1RB Right	25.90	/	/	20.10	/	/	<=30	Pass
		Outer_Full	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_Full	26.42	/	/	20.62	/	/	<=30	Pass
		Inner_1RB Left	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB Right	26.48	/	/	20.68	/	/	<=30	Pass
	3879.99	Edge_1RB Left	25.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB Right	25.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	26.29	/	/	20.49	/	/	<=30	Pass
		Inner_Full	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_1RB Left	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB Right	26.18	/	/	20.38	/	/	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge_1RB Left	26.56	/	/	20.76	/	/	<=30	Pass
		Edge_1RB Right	26.47	/	/	20.67	/	/	<=30	Pass
		Outer_Full	26.79	/	/	20.99	/	/	<=30	Pass
		Inner_Full	26.84	/	/	21.04	/	/	<=30	Pass
		Inner_1RB Left	27.01	/	/	21.21	/	/	<=30	Pass
		Inner_1RB Right	26.96	/	/	21.16	/	/	<=30	Pass
	3675	Edge_1RB Left	26.07	/	/	20.27	/	/	<=30	Pass
		Edge_1RB Right	26.08	/	/	20.28	/	/	<=30	Pass
		Outer_Full	26.39	/	/	20.59	/	/	<=30	Pass
		Inner_Full	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB Left	26.54	/	/	20.74	/	/	<=30	Pass
		Inner_1RB Right	26.42	/	/	20.62	/	/	<=30	Pass
	3879.99	Edge_1RB Left	25.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB Right	25.92	/	/	20.12	/	/	<=30	Pass
		Outer_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB Left	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB Right	26.33	/	/	20.53	/	/	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge_1RB Left	26.43	/	/	20.63	/	/	<=30	Pass
		Edge_1RB Right	26.30	/	/	20.50	/	/	<=30	Pass
		Outer_Full	26.36	/	/	20.57	/	/	<=30	Pass
		Inner_Full	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_1RB Left	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_1RB Right	26.28	/	/	20.48	/	/	<=30	Pass
	3675	Edge_1RB Left	25.98	/	/	20.18	/	/	<=30	Pass
		Edge_1RB Right	25.96	/	/	20.16	/	/	<=30	Pass
		Outer_Full	26.01	/	/	20.21	/	/	<=30	Pass
		Inner_Full	26.05	/	/	20.25	/	/	<=30	Pass
		Inner_1RB Left	26.08	/	/	20.28	/	/	<=30	Pass
		Inner_1RB Right	25.98	/	/	20.18	/	/	<=30	Pass
	3879.99	Edge_1RB Left	25.67	/	/	19.87	/	/	<=30	Pass
		Edge_1RB Right	25.83	/	/	20.03	/	/	<=30	Pass
		Outer_Full	25.74	/	/	19.94	/	/	<=30	Pass
		Inner_Full	25.87	/	/	20.07	/	/	<=30	Pass
		Inner_1RB Left	25.60	/	/	19.80	/	/	<=30	Pass
		Inner_1RB Right	25.82	/	/	20.02	/	/	<=30	Pass
CP-OFDM 256 QAM	3470.01	Edge_1RB Left	23.17	/	/	17.37	/	/	<=30	Pass
		Edge_1RB Right	23.08	/	/	17.28	/	/	<=30	Pass
		Outer_Full	23.32	/	/	17.52	/	/	<=30	Pass
		Inner_Full	23.28	/	/	17.48	/	/	<=30	Pass
		Inner_1RB Left	23.10	/	/	17.30	/	/	<=30	Pass
		Inner_1RB Right	23.07	/	/	17.27	/	/	<=30	Pass
	3675	Edge_1RB Left	22.83	/	/	17.03	/	/	<=30	Pass
		Edge_1RB Right	22.70	/	/	16.90	/	/	<=30	Pass
		Outer_Full	23.00	/	/	17.20	/	/	<=30	Pass
		Inner_Full	22.94	/	/	17.14	/	/	<=30	Pass
		Inner_1RB Left	22.86	/	/	17.06	/	/	<=30	Pass
		Inner_1RB Right	22.71	/	/	16.92	/	/	<=30	Pass

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	3879.99	Edge_1RB_Left	22.36	/	/	16.56	/	/	<=30	Pass
		Edge_1RB_Right	22.53	/	/	16.73	/	/	<=30	Pass
		Outer_Full	22.74	/	/	16.94	/	/	<=30	Pass
		Inner_Full	22.64	/	/	16.84	/	/	<=30	Pass
		Inner_1RB_Left	22.41	/	/	16.61	/	/	<=30	Pass
		Inner_1RB_Right	22.53	/	/	16.73	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.5 30_S_50M_NTNV_EIRP

5G NR n77g SCS=30kHz SISO 50MHz 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	3475.02	Edge_1RB_Left	26.33	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	26.20	/	/	20.40	/	/	<=30	Pass
		Outer_Full	26.94	/	/	21.14	/	/	<=30	Pass
		Inner_Full	27.09	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Left	26.90	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Right	26.92	/	/	21.12	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.01	/	/	20.21	/	/	<=30	Pass
		Edge_1RB_Right	25.93	/	/	20.13	/	/	<=30	Pass
		Outer_Full	26.63	/	/	20.83	/	/	<=30	Pass
		Inner_Full	26.84	/	/	21.04	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	26.52	/	/	20.72	/	/	<=30	Pass
	3874.98	Edge_1RB_Left	25.70	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	25.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_Full	26.50	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	26.31	/	/	20.51	/	/	<=30	Pass
DFT-s-OFDM QPSK	3475.02	Edge_1RB_Left	26.32	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	26.17	/	/	20.37	/	/	<=30	Pass
		Outer_Full	26.95	/	/	21.15	/	/	<=30	Pass
		Inner_Full	26.99	/	/	21.19	/	/	<=30	Pass
		Inner_1RB_Left	26.86	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	26.77	/	/	20.97	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.03	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	25.84	/	/	20.04	/	/	<=30	Pass
		Outer_Full	26.64	/	/	20.84	/	/	<=30	Pass
		Inner_Full	26.77	/	/	20.97	/	/	<=30	Pass
		Inner_1RB_Left	26.55	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	20.68	/	/	<=30	Pass
	3874.98	Edge_1RB_Left	25.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	25.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_Full	26.39	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Left	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Right	26.34	/	/	20.54	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3475.02	Edge_1RB_Left	26.42	/	/	20.62	/	/	<=30	Pass
		Edge_1RB_Right	26.32	/	/	20.52	/	/	<=30	Pass
		Outer_Full	26.93	/	/	21.13	/	/	<=30	Pass
		Inner_Full	26.88	/	/	21.08	/	/	<=30	Pass
		Inner_1RB_Left	26.94	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	26.75	/	/	20.95	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.14	/	/	20.34	/	/	<=30	Pass
		Edge_1RB_Right	25.96	/	/	20.16	/	/	<=30	Pass
		Outer_Full	26.64	/	/	20.85	/	/	<=30	Pass
		Inner_Full	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Left	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB_Right	26.42	/	/	20.62	/	/	<=30	Pass

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	3874.98	Edge_1RB_Left	25.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	25.87	/	/	20.07	/	/	<=30	Pass
		Outer_Full	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_Full	26.24	/	/	20.44	/	/	<=30	Pass
		Inner_1RB_Left	26.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3475.02	Edge_1RB_Left	26.30	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Right	26.19	/	/	20.39	/	/	<=30	Pass
		Outer_Full	26.88	/	/	21.08	/	/	<=30	Pass
		Inner_Full	26.93	/	/	21.13	/	/	<=30	Pass
		Inner_1RB_Left	26.73	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	26.69	/	/	20.89	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB_Right	25.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_Full	26.55	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	20.59	/	/	<=30	Pass
	3874.98	Edge_1RB_Left	25.70	/	/	19.90	/	/	<=30	Pass
		Edge_1RB_Right	25.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_Full	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Right	26.27	/	/	20.47	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3475.02	Edge_1RB_Left	25.19	/	/	19.39	/	/	<=30	Pass
		Edge_1RB_Right	25.01	/	/	19.21	/	/	<=30	Pass
		Outer_Full	25.41	/	/	19.61	/	/	<=30	Pass
		Inner_Full	25.48	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	25.19	/	/	19.39	/	/	<=30	Pass
		Inner_1RB_Right	25.01	/	/	19.21	/	/	<=30	Pass
	3675	Edge_1RB_Left	24.82	/	/	19.02	/	/	<=30	Pass
		Edge_1RB_Right	24.83	/	/	19.03	/	/	<=30	Pass
		Outer_Full	24.98	/	/	19.18	/	/	<=30	Pass
		Inner_Full	25.30	/	/	19.50	/	/	<=30	Pass
		Inner_1RB_Left	24.83	/	/	19.03	/	/	<=30	Pass
		Inner_1RB_Right	24.75	/	/	18.95	/	/	<=30	Pass
	3874.98	Edge_1RB_Left	24.52	/	/	18.72	/	/	<=30	Pass
		Edge_1RB_Right	24.61	/	/	18.81	/	/	<=30	Pass
		Outer_Full	24.91	/	/	19.11	/	/	<=30	Pass
		Inner_Full	24.90	/	/	19.10	/	/	<=30	Pass
		Inner_1RB_Left	24.54	/	/	18.74	/	/	<=30	Pass
		Inner_1RB_Right	24.62	/	/	18.82	/	/	<=30	Pass
CP-OFDM QPSK	3475.02	Edge_1RB_Left	26.40	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	26.32	/	/	20.52	/	/	<=30	Pass
		Outer_Full	26.92	/	/	21.12	/	/	<=30	Pass
		Inner_Full	26.85	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	27.05	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	26.87	/	/	21.07	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.13	/	/	20.33	/	/	<=30	Pass
		Edge_1RB_Right	26.02	/	/	20.22	/	/	<=30	Pass
		Outer_Full	26.53	/	/	20.73	/	/	<=30	Pass
		Inner_Full	26.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB_Left	26.69	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	20.60	/	/	<=30	Pass
	3874.98	Edge_1RB_Left	25.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	25.83	/	/	20.03	/	/	<=30	Pass
		Outer_Full	26.33	/	/	20.53	/	/	<=30	Pass
		Inner_Full	26.01	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	20.59	/	/	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge_1RB_Left	26.54	/	/	20.74	/	/	<=30	Pass
		Edge_1RB_Right	26.41	/	/	20.61	/	/	<=30	Pass

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		Outer_Full	26.92	/	/	21.12	/	/	<=30	Pass	
		Inner_Full	27.00	/	/	21.20	/	/	<=30	Pass	
		Inner_1RB_Left	26.99	/	/	21.19	/	/	<=30	Pass	
		Inner_1RB_Right	26.81	/	/	21.01	/	/	<=30	Pass	
	3675	Edge_1RB_Left	26.25	/	/	20.45	/	/	<=30	Pass	
		Edge_1RB_Right	26.12	/	/	20.32	/	/	<=30	Pass	
		Outer_Full	26.62	/	/	20.82	/	/	<=30	Pass	
		Inner_Full	26.59	/	/	20.79	/	/	<=30	Pass	
	3874.98	Inner_1RB_Left	26.71	/	/	20.91	/	/	<=30	Pass	
		Inner_1RB_Right	26.54	/	/	20.74	/	/	<=30	Pass	
		Edge_1RB_Left	25.80	/	/	20.00	/	/	<=30	Pass	
		Edge_1RB_Right	25.85	/	/	20.05	/	/	<=30	Pass	
	CP-OFDM 64 QAM	3475.02	Outer_Full	26.38	/	/	20.58	/	/	<=30	Pass
			Inner_Full	26.37	/	/	20.57	/	/	<=30	Pass
			Inner_1RB_Left	26.37	/	/	20.57	/	/	<=30	Pass
			Inner_1RB_Right	26.35	/	/	20.55	/	/	<=30	Pass
3675		Edge_1RB_Left	26.41	/	/	20.61	/	/	<=30	Pass	
		Edge_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass	
		Outer_Full	26.42	/	/	20.62	/	/	<=30	Pass	
		Inner_Full	26.51	/	/	20.71	/	/	<=30	Pass	
3874.98		Inner_1RB_Left	26.43	/	/	20.63	/	/	<=30	Pass	
		Inner_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass	
		Edge_1RB_Left	26.08	/	/	20.28	/	/	<=30	Pass	
		Edge_1RB_Right	26.03	/	/	20.23	/	/	<=30	Pass	
CP-OFDM 256 QAM		3475.02	Outer_Full	26.09	/	/	20.29	/	/	<=30	Pass
			Inner_Full	26.11	/	/	20.31	/	/	<=30	Pass
			Inner_1RB_Left	26.09	/	/	20.29	/	/	<=30	Pass
			Inner_1RB_Right	26.03	/	/	20.23	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.79	/	/	19.99	/	/	<=30	Pass	
		Edge_1RB_Right	25.84	/	/	20.04	/	/	<=30	Pass	
		Outer_Full	25.82	/	/	20.02	/	/	<=30	Pass	
		Inner_Full	25.95	/	/	20.15	/	/	<=30	Pass	
	3874.98	Inner_1RB_Left	25.83	/	/	20.03	/	/	<=30	Pass	
		Inner_1RB_Right	25.83	/	/	20.03	/	/	<=30	Pass	
		Edge_1RB_Left	23.17	/	/	17.37	/	/	<=30	Pass	
		Edge_1RB_Right	23.05	/	/	17.25	/	/	<=30	Pass	
	3475.02	Outer_Full	23.45	/	/	17.65	/	/	<=30	Pass	
		Inner_Full	23.45	/	/	17.65	/	/	<=30	Pass	
		Inner_1RB_Left	23.10	/	/	17.30	/	/	<=30	Pass	
		Inner_1RB_Right	23.05	/	/	17.25	/	/	<=30	Pass	
3675	Edge_1RB_Left	22.88	/	/	17.08	/	/	<=30	Pass		
	Edge_1RB_Right	22.77	/	/	16.97	/	/	<=30	Pass		
	Outer_Full	23.17	/	/	17.37	/	/	<=30	Pass		
	Inner_Full	23.22	/	/	17.42	/	/	<=30	Pass		
3874.98	Inner_1RB_Left	22.90	/	/	17.10	/	/	<=30	Pass		
	Inner_1RB_Right	22.77	/	/	16.97	/	/	<=30	Pass		
	Edge_1RB_Left	22.49	/	/	16.69	/	/	<=30	Pass		
	Edge_1RB_Right	22.59	/	/	16.79	/	/	<=30	Pass		
	Outer_Full	22.90	/	/	17.10	/	/	<=30	Pass		
	Inner_Full	22.91	/	/	17.11	/	/	<=30	Pass		
	Inner_1RB_Left	22.54	/	/	16.74	/	/	<=30	Pass		
	Inner_1RB_Right	22.58	/	/	16.78	/	/	<=30	Pass		
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain											

1.1.6 30_S_60M_NTNV_EIRP

5G NR n77g SCS=30kHz SISO 60MHz 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	3480	Edge_1RB_Left	26.20	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	26.12	/	/	20.32	/	/	<=30	Pass

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		Outer_Full	26.69	/	/	20.89	/	/	<=30	Pass
		Inner_Full	26.66	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Left	26.83	/	/	21.03	/	/	<=30	Pass
		Inner_1RB_Right	26.72	/	/	20.92	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	25.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_Full	26.38	/	/	20.58	/	/	<=30	Pass
	3870	Inner_1RB_Left	26.62	/	/	20.82	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Left	25.52	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	25.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_1RB_Left	26.15	/	/	20.35	/	/	<=30	Pass
		Inner_1RB_Right	26.27	/	/	20.47	/	/	<=30	Pass
DFT-s-OFDM QPSK	3480	Edge_1RB_Left	26.17	/	/	20.37	/	/	<=30	Pass
		Edge_1RB_Right	26.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	26.75	/	/	20.95	/	/	<=30	Pass
		Inner_Full	26.71	/	/	20.91	/	/	<=30	Pass
		Inner_1RB_Left	26.73	/	/	20.93	/	/	<=30	Pass
		Inner_1RB_Right	26.67	/	/	20.87	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.00	/	/	20.20	/	/	<=30	Pass
		Edge_1RB_Right	25.71	/	/	19.91	/	/	<=30	Pass
		Outer_Full	26.42	/	/	20.62	/	/	<=30	Pass
		Inner_Full	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	26.57	/	/	20.77	/	/	<=30	Pass
		Inner_1RB_Right	26.57	/	/	20.77	/	/	<=30	Pass
	3870	Edge_1RB_Left	25.52	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	25.55	/	/	19.75	/	/	<=30	Pass
		Outer_Full	26.10	/	/	20.30	/	/	<=30	Pass
		Inner_Full	25.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB_Left	26.12	/	/	20.32	/	/	<=30	Pass
		Inner_1RB_Right	26.15	/	/	20.35	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3480	Edge_1RB_Left	26.26	/	/	20.46	/	/	<=30	Pass
		Edge_1RB_Right	26.12	/	/	20.32	/	/	<=30	Pass
		Outer_Full	26.64	/	/	20.85	/	/	<=30	Pass
		Inner_Full	26.54	/	/	20.74	/	/	<=30	Pass
		Inner_1RB_Left	26.82	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	26.67	/	/	20.87	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.03	/	/	20.23	/	/	<=30	Pass
		Edge_1RB_Right	25.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	20.40	/	/	<=30	Pass
	3870	Edge_1RB_Left	25.48	/	/	19.68	/	/	<=30	Pass
		Edge_1RB_Right	25.52	/	/	19.72	/	/	<=30	Pass
		Outer_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_Full	26.01	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Right	26.16	/	/	20.36	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3480	Edge_1RB_Left	26.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	26.07	/	/	20.27	/	/	<=30	Pass
		Outer_Full	26.72	/	/	20.92	/	/	<=30	Pass
		Inner_Full	26.55	/	/	20.75	/	/	<=30	Pass
		Inner_1RB_Left	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Right	26.52	/	/	20.72	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	25.67	/	/	19.87	/	/	<=30	Pass
		Outer_Full	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_Full	26.26	/	/	20.46	/	/	<=30	Pass

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		Inner_1RB Left	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB Right	26.23	/	/	20.43	/	/	<=30	Pass
	3870	Edge_1RB Left	25.55	/	/	19.75	/	/	<=30	Pass
		Edge_1RB Right	25.63	/	/	19.83	/	/	<=30	Pass
		Outer_Full	26.12	/	/	20.33	/	/	<=30	Pass
		Inner_Full	26.10	/	/	20.30	/	/	<=30	Pass
		Inner_1RB Left	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_1RB Right	26.23	/	/	20.43	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3480	Edge_1RB Left	24.96	/	/	19.16	/	/	<=30	Pass
		Edge_1RB Right	24.84	/	/	19.04	/	/	<=30	Pass
		Outer_Full	25.19	/	/	19.39	/	/	<=30	Pass
		Inner_Full	25.12	/	/	19.33	/	/	<=30	Pass
		Inner_1RB Left	25.01	/	/	19.21	/	/	<=30	Pass
		Inner_1RB Right	24.89	/	/	19.09	/	/	<=30	Pass
	3675	Edge_1RB Left	24.67	/	/	18.87	/	/	<=30	Pass
		Edge_1RB Right	24.53	/	/	18.73	/	/	<=30	Pass
		Outer_Full	24.89	/	/	19.09	/	/	<=30	Pass
		Inner_Full	24.77	/	/	18.97	/	/	<=30	Pass
		Inner_1RB Left	24.72	/	/	18.92	/	/	<=30	Pass
		Inner_1RB Right	24.57	/	/	18.77	/	/	<=30	Pass
	3870	Edge_1RB Left	24.33	/	/	18.53	/	/	<=30	Pass
		Edge_1RB Right	24.38	/	/	18.58	/	/	<=30	Pass
		Outer_Full	24.59	/	/	18.79	/	/	<=30	Pass
		Inner_Full	24.59	/	/	18.79	/	/	<=30	Pass
		Inner_1RB Left	24.29	/	/	18.49	/	/	<=30	Pass
		Inner_1RB Right	24.43	/	/	18.63	/	/	<=30	Pass
CP-OFDM QPSK	3480	Edge_1RB Left	26.24	/	/	20.44	/	/	<=30	Pass
		Edge_1RB Right	26.28	/	/	20.48	/	/	<=30	Pass
		Outer_Full	26.70	/	/	20.90	/	/	<=30	Pass
		Inner_Full	26.50	/	/	20.70	/	/	<=30	Pass
		Inner_1RB Left	26.88	/	/	21.08	/	/	<=30	Pass
		Inner_1RB Right	26.94	/	/	21.14	/	/	<=30	Pass
	3675	Edge_1RB Left	26.02	/	/	20.22	/	/	<=30	Pass
		Edge_1RB Right	25.84	/	/	20.04	/	/	<=30	Pass
		Outer_Full	26.34	/	/	20.55	/	/	<=30	Pass
		Inner_Full	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB Left	26.58	/	/	20.78	/	/	<=30	Pass
		Inner_1RB Right	26.39	/	/	20.59	/	/	<=30	Pass
	3870	Edge_1RB Left	25.63	/	/	19.83	/	/	<=30	Pass
		Edge_1RB Right	25.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_Full	26.00	/	/	20.20	/	/	<=30	Pass
		Inner_1RB Left	26.37	/	/	20.57	/	/	<=30	Pass
		Inner_1RB Right	26.30	/	/	20.50	/	/	<=30	Pass
CP-OFDM 16 QAM	3480	Edge_1RB Left	26.30	/	/	20.50	/	/	<=30	Pass
		Edge_1RB Right	26.22	/	/	20.42	/	/	<=30	Pass
		Outer_Full	26.66	/	/	20.86	/	/	<=30	Pass
		Inner_Full	26.70	/	/	20.90	/	/	<=30	Pass
		Inner_1RB Left	26.90	/	/	21.10	/	/	<=30	Pass
		Inner_1RB Right	26.77	/	/	20.97	/	/	<=30	Pass
	3675	Edge_1RB Left	26.17	/	/	20.37	/	/	<=30	Pass
		Edge_1RB Right	25.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	26.32	/	/	20.52	/	/	<=30	Pass
		Inner_Full	26.08	/	/	20.28	/	/	<=30	Pass
		Inner_1RB Left	26.76	/	/	20.96	/	/	<=30	Pass
		Inner_1RB Right	26.45	/	/	20.65	/	/	<=30	Pass
	3870	Edge_1RB Left	25.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB Right	25.77	/	/	19.97	/	/	<=30	Pass
		Outer_Full	26.09	/	/	20.29	/	/	<=30	Pass
		Inner_Full	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB Left	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB Right	26.38	/	/	20.58	/	/	<=30	Pass

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CP-OFDM 64 QAM	3480	Edge_1RB_Left	26.22	/	/	20.42	/	/	<=30	Pass
		Edge_1RB_Right	26.22	/	/	20.42	/	/	<=30	Pass
		Outer_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_1RB_Right	26.26	/	/	20.46	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.97	/	/	20.17	/	/	<=30	Pass
		Edge_1RB_Right	25.89	/	/	20.09	/	/	<=30	Pass
		Outer_Full	25.90	/	/	20.10	/	/	<=30	Pass
		Inner_Full	25.75	/	/	19.95	/	/	<=30	Pass
		Inner_1RB_Left	26.05	/	/	20.25	/	/	<=30	Pass
		Inner_1RB_Right	25.83	/	/	20.03	/	/	<=30	Pass
	3870	Edge_1RB_Left	25.52	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	25.74	/	/	19.94	/	/	<=30	Pass
		Outer_Full	25.67	/	/	19.87	/	/	<=30	Pass
		Inner_Full	25.48	/	/	19.68	/	/	<=30	Pass
		Inner_1RB_Left	25.70	/	/	19.90	/	/	<=30	Pass
		Inner_1RB_Right	25.77	/	/	19.97	/	/	<=30	Pass
CP-OFDM 256 QAM	3480	Edge_1RB_Left	22.88	/	/	17.08	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	17.13	/	/	<=30	Pass
		Outer_Full	23.24	/	/	17.44	/	/	<=30	Pass
		Inner_Full	23.17	/	/	17.37	/	/	<=30	Pass
		Inner_1RB_Left	22.96	/	/	17.16	/	/	<=30	Pass
		Inner_1RB_Right	22.94	/	/	17.14	/	/	<=30	Pass
	3675	Edge_1RB_Left	22.78	/	/	16.98	/	/	<=30	Pass
		Edge_1RB_Right	22.70	/	/	16.90	/	/	<=30	Pass
		Outer_Full	22.86	/	/	17.06	/	/	<=30	Pass
		Inner_Full	22.80	/	/	17.00	/	/	<=30	Pass
		Inner_1RB_Left	22.79	/	/	16.99	/	/	<=30	Pass
		Inner_1RB_Right	22.71	/	/	16.91	/	/	<=30	Pass
	3870	Edge_1RB_Left	22.27	/	/	16.47	/	/	<=30	Pass
		Edge_1RB_Right	22.46	/	/	16.66	/	/	<=30	Pass
		Outer_Full	22.54	/	/	16.74	/	/	<=30	Pass
		Inner_Full	22.57	/	/	16.77	/	/	<=30	Pass
		Inner_1RB_Left	22.36	/	/	16.56	/	/	<=30	Pass
		Inner_1RB_Right	22.48	/	/	16.68	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.7 30_S_70M_NTNV_EIRP

5G NR n77g SCS=30kHz SISO 70MHz 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	3485.01	Edge_1RB_Left	26.37	/	/	20.57	/	/	<=30	Pass
		Edge_1RB_Right	26.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	26.78	/	/	20.98	/	/	<=30	Pass
		Inner_Full	26.87	/	/	21.07	/	/	<=30	Pass
		Inner_1RB_Left	26.95	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	26.66	/	/	20.86	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.06	/	/	20.26	/	/	<=30	Pass
		Edge_1RB_Right	25.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	26.47	/	/	20.67	/	/	<=30	Pass
		Inner_Full	26.50	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Left	26.66	/	/	20.86	/	/	<=30	Pass
		Inner_1RB_Right	26.41	/	/	20.61	/	/	<=30	Pass
	3864.99	Edge_1RB_Left	25.61	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	25.85	/	/	20.05	/	/	<=30	Pass
		Outer_Full	26.24	/	/	20.44	/	/	<=30	Pass
		Inner_Full	26.35	/	/	20.55	/	/	<=30	Pass
		Inner_1RB_Left	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	20.48	/	/	<=30	Pass

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DFT-s-OFDM QPSK	3485.01	Edge_1RB_Left	26.33	/	/	20.53	/	/	<=30	Pass
		Edge_1RB_Right	26.05	/	/	20.25	/	/	<=30	Pass
		Outer_Full	26.78	/	/	20.98	/	/	<=30	Pass
		Inner_Full	26.90	/	/	21.10	/	/	<=30	Pass
		Inner_1RB_Left	27.00	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	26.76	/	/	20.96	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.93	/	/	20.13	/	/	<=30	Pass
		Edge_1RB_Right	25.80	/	/	20.00	/	/	<=30	Pass
		Outer_Full	26.57	/	/	20.77	/	/	<=30	Pass
		Inner_Full	26.60	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Left	26.60	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	20.65	/	/	<=30	Pass
	3864.99	Edge_1RB_Left	25.65	/	/	19.85	/	/	<=30	Pass
		Edge_1RB_Right	25.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Left	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB_Right	26.22	/	/	20.42	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3485.01	Edge_1RB_Left	26.48	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Right	26.09	/	/	20.29	/	/	<=30	Pass
		Outer_Full	26.64	/	/	20.84	/	/	<=30	Pass
		Inner_Full	26.64	/	/	20.84	/	/	<=30	Pass
		Inner_1RB_Left	26.94	/	/	21.14	/	/	<=30	Pass
		Inner_1RB_Right	26.63	/	/	20.83	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.08	/	/	20.28	/	/	<=30	Pass
		Edge_1RB_Right	25.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	26.39	/	/	20.59	/	/	<=30	Pass
		Inner_Full	26.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Left	26.43	/	/	20.63	/	/	<=30	Pass
		Inner_1RB_Right	26.29	/	/	20.49	/	/	<=30	Pass
	3864.99	Edge_1RB_Left	25.68	/	/	19.88	/	/	<=30	Pass
		Edge_1RB_Right	25.88	/	/	20.08	/	/	<=30	Pass
		Outer_Full	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_Full	26.08	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Left	26.17	/	/	20.37	/	/	<=30	Pass
		Inner_1RB_Right	26.24	/	/	20.44	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3485.01	Edge_1RB_Left	26.36	/	/	20.56	/	/	<=30	Pass
		Edge_1RB_Right	26.04	/	/	20.24	/	/	<=30	Pass
		Outer_Full	26.71	/	/	20.91	/	/	<=30	Pass
		Inner_Full	26.67	/	/	20.87	/	/	<=30	Pass
		Inner_1RB_Left	26.86	/	/	21.06	/	/	<=30	Pass
		Inner_1RB_Right	26.73	/	/	20.93	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.99	/	/	20.19	/	/	<=30	Pass
		Edge_1RB_Right	25.81	/	/	20.01	/	/	<=30	Pass
		Outer_Full	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_Full	26.38	/	/	20.58	/	/	<=30	Pass
		Inner_1RB_Left	26.74	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Right	26.50	/	/	20.70	/	/	<=30	Pass
	3864.99	Edge_1RB_Left	25.66	/	/	19.86	/	/	<=30	Pass
		Edge_1RB_Right	25.57	/	/	19.77	/	/	<=30	Pass
		Outer_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	20.39	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3485.01	Edge_1RB_Left	25.15	/	/	19.35	/	/	<=30	Pass
		Edge_1RB_Right	25.00	/	/	19.20	/	/	<=30	Pass
		Outer_Full	25.21	/	/	19.41	/	/	<=30	Pass
		Inner_Full	25.28	/	/	19.48	/	/	<=30	Pass
		Inner_1RB_Left	25.20	/	/	19.40	/	/	<=30	Pass
		Inner_1RB_Right	25.06	/	/	19.26	/	/	<=30	Pass
	3675	Edge_1RB_Left	24.88	/	/	19.08	/	/	<=30	Pass
		Edge_1RB_Right	24.65	/	/	18.85	/	/	<=30	Pass

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		Outer_Full	24.89	/	/	19.09	/	/	<=30	Pass
		Inner_Full	24.87	/	/	19.07	/	/	<=30	Pass
		Inner_1RB_Left	24.89	/	/	19.09	/	/	<=30	Pass
		Inner_1RB_Right	24.70	/	/	18.90	/	/	<=30	Pass
	3864.99	Edge_1RB_Left	24.48	/	/	18.68	/	/	<=30	Pass
		Edge_1RB_Right	24.48	/	/	18.68	/	/	<=30	Pass
		Outer_Full	24.66	/	/	18.86	/	/	<=30	Pass
		Inner_Full	24.69	/	/	18.89	/	/	<=30	Pass
		Inner_1RB_Left	24.51	/	/	18.71	/	/	<=30	Pass
		Inner_1RB_Right	24.59	/	/	18.79	/	/	<=30	Pass
CP-OFDM QPSK	3485.01	Edge_1RB_Left	26.46	/	/	20.66	/	/	<=30	Pass
		Edge_1RB_Right	26.31	/	/	20.51	/	/	<=30	Pass
		Outer_Full	26.72	/	/	20.92	/	/	<=30	Pass
		Inner_Full	26.70	/	/	20.90	/	/	<=30	Pass
		Inner_1RB_Left	27.09	/	/	21.29	/	/	<=30	Pass
		Inner_1RB_Right	26.78	/	/	20.98	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.20	/	/	20.40	/	/	<=30	Pass
		Edge_1RB_Right	26.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	26.41	/	/	20.61	/	/	<=30	Pass
		Inner_Full	26.50	/	/	20.70	/	/	<=30	Pass
		Inner_1RB_Left	26.82	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	26.79	/	/	20.99	/	/	<=30	Pass
	3864.99	Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	25.83	/	/	20.03	/	/	<=30	Pass
		Outer_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	26.14	/	/	20.34	/	/	<=30	Pass
		Inner_1RB_Left	26.40	/	/	20.60	/	/	<=30	Pass
		Inner_1RB_Right	26.70	/	/	20.90	/	/	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	26.44	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
		Outer_Full	26.73	/	/	20.93	/	/	<=30	Pass
		Inner_Full	26.80	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Left	26.95	/	/	21.15	/	/	<=30	Pass
		Inner_1RB_Right	26.64	/	/	20.84	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.19	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	26.08	/	/	20.28	/	/	<=30	Pass
		Outer_Full	26.48	/	/	20.69	/	/	<=30	Pass
		Inner_Full	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_1RB_Left	26.58	/	/	20.78	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	20.65	/	/	<=30	Pass
	3864.99	Edge_1RB_Left	25.52	/	/	19.72	/	/	<=30	Pass
		Edge_1RB_Right	25.88	/	/	20.08	/	/	<=30	Pass
		Outer_Full	26.22	/	/	20.42	/	/	<=30	Pass
		Inner_Full	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB_Left	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	20.59	/	/	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	26.40	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	26.22	/	/	20.42	/	/	<=30	Pass
		Outer_Full	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_Full	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	26.23	/	/	20.43	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB_Right	25.94	/	/	20.14	/	/	<=30	Pass
		Outer_Full	25.98	/	/	20.18	/	/	<=30	Pass
		Inner_Full	25.89	/	/	20.09	/	/	<=30	Pass
		Inner_1RB_Left	26.08	/	/	20.28	/	/	<=30	Pass
		Inner_1RB_Right	25.96	/	/	20.16	/	/	<=30	Pass
	3864.99	Edge_1RB_Left	25.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB_Right	25.82	/	/	20.02	/	/	<=30	Pass
		Outer_Full	25.79	/	/	19.99	/	/	<=30	Pass
		Inner_Full	25.70	/	/	19.90	/	/	<=30	Pass

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		Inner_1RB Left	25.75	/	/	19.95	/	/	<=30	Pass
		Inner_1RB Right	25.82	/	/	20.02	/	/	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB Left	23.13	/	/	17.33	/	/	<=30	Pass
		Edge_1RB Right	22.93	/	/	17.13	/	/	<=30	Pass
		Outer_Full	23.22	/	/	17.42	/	/	<=30	Pass
		Inner_Full	23.30	/	/	17.50	/	/	<=30	Pass
		Inner_1RB Left	23.18	/	/	17.38	/	/	<=30	Pass
		Inner_1RB Right	22.92	/	/	17.12	/	/	<=30	Pass
	3675	Edge_1RB Left	22.76	/	/	16.96	/	/	<=30	Pass
		Edge_1RB Right	22.68	/	/	16.88	/	/	<=30	Pass
		Outer_Full	22.93	/	/	17.13	/	/	<=30	Pass
		Inner_Full	22.93	/	/	17.13	/	/	<=30	Pass
		Inner_1RB Left	22.81	/	/	17.01	/	/	<=30	Pass
		Inner_1RB Right	22.59	/	/	16.79	/	/	<=30	Pass
	3864.99	Edge_1RB Left	22.44	/	/	16.64	/	/	<=30	Pass
		Edge_1RB Right	22.55	/	/	16.75	/	/	<=30	Pass
		Outer_Full	22.64	/	/	16.84	/	/	<=30	Pass
		Inner_Full	22.63	/	/	16.83	/	/	<=30	Pass
		Inner_1RB Left	22.50	/	/	16.70	/	/	<=30	Pass
		Inner_1RB Right	22.54	/	/	16.74	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.8 30_S_80M_NTNV_EIRP

5G NR n77g SCS=30kHz SISO 80MHz 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	3490.02	Edge_1RB Left	26.36	/	/	20.56	/	/	<=30	Pass
		Edge_1RB Right	26.03	/	/	20.23	/	/	<=30	Pass
		Outer_Full	26.84	/	/	21.04	/	/	<=30	Pass
		Inner_Full	26.87	/	/	21.07	/	/	<=30	Pass
		Inner_1RB Left	27.08	/	/	21.28	/	/	<=30	Pass
		Inner_1RB Right	26.70	/	/	20.90	/	/	<=30	Pass
	3675	Edge_1RB Left	26.07	/	/	20.27	/	/	<=30	Pass
		Edge_1RB Right	25.87	/	/	20.07	/	/	<=30	Pass
		Outer_Full	26.50	/	/	20.70	/	/	<=30	Pass
		Inner_Full	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB Left	26.67	/	/	20.87	/	/	<=30	Pass
		Inner_1RB Right	26.48	/	/	20.68	/	/	<=30	Pass
	3859.98	Edge_1RB Left	25.67	/	/	19.87	/	/	<=30	Pass
		Edge_1RB Right	25.55	/	/	19.75	/	/	<=30	Pass
		Outer_Full	26.15	/	/	20.35	/	/	<=30	Pass
		Inner_Full	26.31	/	/	20.51	/	/	<=30	Pass
		Inner_1RB Left	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB Right	26.25	/	/	20.45	/	/	<=30	Pass
DFT-s-OFDM QPSK	3490.02	Edge_1RB Left	26.40	/	/	20.60	/	/	<=30	Pass
		Edge_1RB Right	26.04	/	/	20.24	/	/	<=30	Pass
		Outer_Full	26.82	/	/	21.02	/	/	<=30	Pass
		Inner_Full	26.84	/	/	21.04	/	/	<=30	Pass
		Inner_1RB Left	26.96	/	/	21.16	/	/	<=30	Pass
		Inner_1RB Right	26.68	/	/	20.88	/	/	<=30	Pass
	3675	Edge_1RB Left	26.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB Right	25.90	/	/	20.10	/	/	<=30	Pass
		Outer_Full	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_Full	26.55	/	/	20.75	/	/	<=30	Pass
		Inner_1RB Left	26.67	/	/	20.87	/	/	<=30	Pass
		Inner_1RB Right	26.48	/	/	20.68	/	/	<=30	Pass
	3859.98	Edge_1RB Left	25.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB Right	25.54	/	/	19.74	/	/	<=30	Pass
		Outer_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass

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		Inner_1RB Left	26.19	/	/	20.39	/	/	<=30	Pass
		Inner_1RB Right	26.20	/	/	20.40	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3490.02	Edge_1RB Left	26.46	/	/	20.66	/	/	<=30	Pass
		Edge_1RB Right	26.05	/	/	20.25	/	/	<=30	Pass
		Outer_Full	26.76	/	/	20.96	/	/	<=30	Pass
		Inner_Full	26.73	/	/	20.93	/	/	<=30	Pass
		Inner_1RB Left	27.01	/	/	21.21	/	/	<=30	Pass
		Inner_1RB Right	26.70	/	/	20.90	/	/	<=30	Pass
	3675	Edge_1RB Left	26.21	/	/	20.42	/	/	<=30	Pass
		Edge_1RB Right	25.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_Full	26.41	/	/	20.61	/	/	<=30	Pass
		Inner_1RB Left	26.69	/	/	20.89	/	/	<=30	Pass
		Inner_1RB Right	26.52	/	/	20.72	/	/	<=30	Pass
	3859.98	Edge_1RB Left	25.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB Right	25.73	/	/	19.93	/	/	<=30	Pass
		Outer_Full	26.04	/	/	20.24	/	/	<=30	Pass
		Inner_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_1RB Left	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_1RB Right	26.21	/	/	20.41	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3490.02	Edge_1RB Left	26.59	/	/	20.79	/	/	<=30	Pass
		Edge_1RB Right	26.21	/	/	20.41	/	/	<=30	Pass
		Outer_Full	26.63	/	/	20.83	/	/	<=30	Pass
		Inner_Full	26.71	/	/	20.91	/	/	<=30	Pass
		Inner_1RB Left	27.18	/	/	21.38	/	/	<=30	Pass
		Inner_1RB Right	26.80	/	/	21.00	/	/	<=30	Pass
	3675	Edge_1RB Left	26.11	/	/	20.31	/	/	<=30	Pass
		Edge_1RB Right	25.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_Full	26.42	/	/	20.62	/	/	<=30	Pass
		Inner_1RB Left	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_1RB Right	26.43	/	/	20.63	/	/	<=30	Pass
	3859.98	Edge_1RB Left	25.79	/	/	19.99	/	/	<=30	Pass
		Edge_1RB Right	25.65	/	/	19.85	/	/	<=30	Pass
		Outer_Full	26.11	/	/	20.31	/	/	<=30	Pass
		Inner_Full	26.06	/	/	20.26	/	/	<=30	Pass
		Inner_1RB Left	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_1RB Right	26.10	/	/	20.30	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3490.02	Edge_1RB Left	25.12	/	/	19.32	/	/	<=30	Pass
		Edge_1RB Right	24.82	/	/	19.02	/	/	<=30	Pass
		Outer_Full	25.22	/	/	19.42	/	/	<=30	Pass
		Inner_Full	25.18	/	/	19.38	/	/	<=30	Pass
		Inner_1RB Left	25.26	/	/	19.46	/	/	<=30	Pass
		Inner_1RB Right	24.86	/	/	19.06	/	/	<=30	Pass
	3675	Edge_1RB Left	24.72	/	/	18.92	/	/	<=30	Pass
		Edge_1RB Right	24.65	/	/	18.85	/	/	<=30	Pass
		Outer_Full	24.93	/	/	19.13	/	/	<=30	Pass
		Inner_Full	24.93	/	/	19.13	/	/	<=30	Pass
		Inner_1RB Left	24.84	/	/	19.04	/	/	<=30	Pass
		Inner_1RB Right	24.70	/	/	18.90	/	/	<=30	Pass
	3859.98	Edge_1RB Left	24.47	/	/	18.67	/	/	<=30	Pass
		Edge_1RB Right	24.41	/	/	18.61	/	/	<=30	Pass
		Outer_Full	24.67	/	/	18.87	/	/	<=30	Pass
		Inner_Full	24.68	/	/	18.88	/	/	<=30	Pass
		Inner_1RB Left	24.52	/	/	18.72	/	/	<=30	Pass
		Inner_1RB Right	24.55	/	/	18.75	/	/	<=30	Pass
CP-OFDM QPSK	3490.02	Edge_1RB Left	26.39	/	/	20.59	/	/	<=30	Pass
		Edge_1RB Right	26.25	/	/	20.45	/	/	<=30	Pass
		Outer_Full	26.80	/	/	21.00	/	/	<=30	Pass
		Inner_Full	27.01	/	/	21.21	/	/	<=30	Pass
		Inner_1RB Left	26.98	/	/	21.19	/	/	<=30	Pass
		Inner_1RB Right	26.87	/	/	21.07	/	/	<=30	Pass

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	3675	Edge_1RB_Left	26.18	/	/	20.38	/	/	<=30	Pass
		Edge_1RB_Right	26.12	/	/	20.32	/	/	<=30	Pass
		Outer_Full	26.49	/	/	20.69	/	/	<=30	Pass
		Inner_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB_Left	26.80	/	/	21.00	/	/	<=30	Pass
		Inner_1RB_Right	26.75	/	/	20.95	/	/	<=30	Pass
	3859.98	Edge_1RB_Left	25.78	/	/	19.98	/	/	<=30	Pass
		Edge_1RB_Right	25.76	/	/	19.96	/	/	<=30	Pass
		Outer_Full	26.16	/	/	20.36	/	/	<=30	Pass
		Inner_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_1RB_Left	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	20.60	/	/	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge_1RB_Left	26.46	/	/	20.66	/	/	<=30	Pass
		Edge_1RB_Right	26.32	/	/	20.52	/	/	<=30	Pass
		Outer_Full	26.73	/	/	20.93	/	/	<=30	Pass
		Inner_Full	26.74	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	27.05	/	/	21.25	/	/	<=30	Pass
		Inner_1RB_Right	26.96	/	/	21.16	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.19	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	26.04	/	/	20.24	/	/	<=30	Pass
		Outer_Full	26.51	/	/	20.71	/	/	<=30	Pass
		Inner_Full	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	26.51	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Right	26.45	/	/	20.65	/	/	<=30	Pass
	3859.98	Edge_1RB_Left	25.64	/	/	19.84	/	/	<=30	Pass
		Edge_1RB_Right	25.72	/	/	19.92	/	/	<=30	Pass
		Outer_Full	26.12	/	/	20.32	/	/	<=30	Pass
		Inner_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Right	26.36	/	/	20.56	/	/	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge_1RB_Left	26.43	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	26.16	/	/	20.36	/	/	<=30	Pass
		Outer_Full	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_Full	26.27	/	/	20.47	/	/	<=30	Pass
		Inner_1RB_Left	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	20.48	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.10	/	/	20.30	/	/	<=30	Pass
		Edge_1RB_Right	25.98	/	/	20.18	/	/	<=30	Pass
		Outer_Full	25.99	/	/	20.19	/	/	<=30	Pass
		Inner_Full	26.02	/	/	20.22	/	/	<=30	Pass
		Inner_1RB_Left	26.29	/	/	20.49	/	/	<=30	Pass
		Inner_1RB_Right	26.02	/	/	20.22	/	/	<=30	Pass
	3859.98	Edge_1RB_Left	25.76	/	/	19.96	/	/	<=30	Pass
		Edge_1RB_Right	25.77	/	/	19.97	/	/	<=30	Pass
		Outer_Full	25.71	/	/	19.91	/	/	<=30	Pass
		Inner_Full	25.69	/	/	19.89	/	/	<=30	Pass
		Inner_1RB_Left	25.74	/	/	19.94	/	/	<=30	Pass
		Inner_1RB_Right	25.79	/	/	19.99	/	/	<=30	Pass
CP-OFDM 256 QAM	3490.02	Edge_1RB_Left	23.13	/	/	17.33	/	/	<=30	Pass
		Edge_1RB_Right	22.97	/	/	17.17	/	/	<=30	Pass
		Outer_Full	23.22	/	/	17.42	/	/	<=30	Pass
		Inner_Full	23.31	/	/	17.51	/	/	<=30	Pass
		Inner_1RB_Left	23.20	/	/	17.40	/	/	<=30	Pass
		Inner_1RB_Right	22.73	/	/	16.93	/	/	<=30	Pass
	3675	Edge_1RB_Left	22.87	/	/	17.07	/	/	<=30	Pass
		Edge_1RB_Right	22.67	/	/	16.87	/	/	<=30	Pass
		Outer_Full	22.92	/	/	17.12	/	/	<=30	Pass
		Inner_Full	22.97	/	/	17.17	/	/	<=30	Pass
		Inner_1RB_Left	22.95	/	/	17.15	/	/	<=30	Pass
		Inner_1RB_Right	22.81	/	/	17.01	/	/	<=30	Pass
	3859.98	Edge_1RB_Left	22.47	/	/	16.67	/	/	<=30	Pass
		Edge_1RB_Right	22.60	/	/	16.80	/	/	<=30	Pass

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		Outer_Full	22.63	/	/	16.83	/	/	<=30	Pass
		Inner_Full	22.66	/	/	16.86	/	/	<=30	Pass
		Inner_1RB_Left	22.54	/	/	16.74	/	/	<=30	Pass
		Inner_1RB_Right	22.50	/	/	16.70	/	/	<=30	Pass
Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.9 30_S_90M_NTNV_EIRP

5G NR n77g SCS=30kHz SISO 90MHz 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	3495	Edge_1RB_Left	26.53	/	/	20.73	/	/	<=30	Pass
		Edge_1RB_Right	26.14	/	/	20.34	/	/	<=30	Pass
		Outer_Full	26.81	/	/	21.01	/	/	<=30	Pass
		Inner_Full	26.85	/	/	21.05	/	/	<=30	Pass
		Inner_1RB_Left	27.15	/	/	21.35	/	/	<=30	Pass
		Inner_1RB_Right	26.69	/	/	20.89	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.30	/	/	20.50	/	/	<=30	Pass
		Edge_1RB_Right	26.11	/	/	20.31	/	/	<=30	Pass
		Outer_Full	26.50	/	/	20.70	/	/	<=30	Pass
		Inner_Full	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	26.78	/	/	20.98	/	/	<=30	Pass
		Inner_1RB_Right	26.61	/	/	20.81	/	/	<=30	Pass
	3855	Edge_1RB_Left	25.86	/	/	20.06	/	/	<=30	Pass
		Edge_1RB_Right	25.84	/	/	20.04	/	/	<=30	Pass
		Outer_Full	26.23	/	/	20.43	/	/	<=30	Pass
		Inner_Full	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Inner_1RB_Right	26.37	/	/	20.57	/	/	<=30	Pass
DFT-s-OFDM QPSK	3495	Edge_1RB_Left	26.60	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	26.18	/	/	20.38	/	/	<=30	Pass
		Outer_Full	26.77	/	/	20.97	/	/	<=30	Pass
		Inner_Full	26.74	/	/	20.94	/	/	<=30	Pass
		Inner_1RB_Left	27.08	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	26.71	/	/	20.91	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.19	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Right	26.20	/	/	20.40	/	/	<=30	Pass
		Outer_Full	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_Full	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	26.82	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	26.63	/	/	20.83	/	/	<=30	Pass
	3855	Edge_1RB_Left	25.91	/	/	20.11	/	/	<=30	Pass
		Edge_1RB_Right	25.92	/	/	20.12	/	/	<=30	Pass
		Outer_Full	26.15	/	/	20.35	/	/	<=30	Pass
		Inner_Full	26.25	/	/	20.45	/	/	<=30	Pass
		Inner_1RB_Left	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	26.39	/	/	20.59	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3495	Edge_1RB_Left	26.52	/	/	20.72	/	/	<=30	Pass
		Edge_1RB_Right	26.08	/	/	20.28	/	/	<=30	Pass
		Outer_Full	26.67	/	/	20.87	/	/	<=30	Pass
		Inner_Full	26.69	/	/	20.89	/	/	<=30	Pass
		Inner_1RB_Left	27.17	/	/	21.37	/	/	<=30	Pass
		Inner_1RB_Right	26.70	/	/	20.90	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.28	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Right	26.04	/	/	20.24	/	/	<=30	Pass
		Outer_Full	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_Full	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_1RB_Left	26.76	/	/	20.96	/	/	<=30	Pass
		Inner_1RB_Right	26.62	/	/	20.82	/	/	<=30	Pass
	3855	Edge_1RB_Left	25.83	/	/	20.03	/	/	<=30	Pass
		Edge_1RB_Right	25.82	/	/	20.02	/	/	<=30	Pass

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DFT-s-OFDM 64 QAM		Outer_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	26.04	/	/	20.24	/	/	<=30	Pass
		Inner_1RB_Left	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Right	26.32	/	/	20.52	/	/	<=30	Pass
	3495	Edge_1RB_Left	26.73	/	/	20.93	/	/	<=30	Pass
		Edge_1RB_Right	26.20	/	/	20.40	/	/	<=30	Pass
		Outer_Full	26.68	/	/	20.88	/	/	<=30	Pass
		Inner_Full	26.75	/	/	20.96	/	/	<=30	Pass
	3675	Inner_1RB_Left	27.42	/	/	21.62	/	/	<=30	Pass
		Inner_1RB_Right	26.88	/	/	21.08	/	/	<=30	Pass
		Edge_1RB_Left	26.21	/	/	20.41	/	/	<=30	Pass
		Edge_1RB_Right	26.01	/	/	20.21	/	/	<=30	Pass
	3855	Outer_Full	26.44	/	/	20.64	/	/	<=30	Pass
		Inner_Full	26.48	/	/	20.69	/	/	<=30	Pass
		Inner_1RB_Left	26.60	/	/	20.80	/	/	<=30	Pass
		Inner_1RB_Right	26.64	/	/	20.84	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3495	Edge_1RB_Left	25.67	/	/	19.87	/	/	<=30	Pass
		Edge_1RB_Right	25.75	/	/	19.95	/	/	<=30	Pass
		Outer_Full	26.12	/	/	20.32	/	/	<=30	Pass
		Inner_Full	26.13	/	/	20.33	/	/	<=30	Pass
	3675	Inner_1RB_Left	26.26	/	/	20.46	/	/	<=30	Pass
		Inner_1RB_Right	26.28	/	/	20.48	/	/	<=30	Pass
		Edge_1RB_Left	25.33	/	/	19.53	/	/	<=30	Pass
		Edge_1RB_Right	24.81	/	/	19.01	/	/	<=30	Pass
	3855	Outer_Full	25.23	/	/	19.43	/	/	<=30	Pass
		Inner_Full	25.30	/	/	19.50	/	/	<=30	Pass
		Inner_1RB_Left	25.31	/	/	19.51	/	/	<=30	Pass
		Inner_1RB_Right	24.88	/	/	19.08	/	/	<=30	Pass
CP-OFDM QPSK	3495	Edge_1RB_Left	24.97	/	/	19.17	/	/	<=30	Pass
		Edge_1RB_Right	24.85	/	/	19.05	/	/	<=30	Pass
		Outer_Full	24.94	/	/	19.14	/	/	<=30	Pass
		Inner_Full	24.93	/	/	19.13	/	/	<=30	Pass
	3675	Inner_1RB_Left	25.01	/	/	19.21	/	/	<=30	Pass
		Inner_1RB_Right	24.90	/	/	19.10	/	/	<=30	Pass
		Edge_1RB_Left	24.28	/	/	18.48	/	/	<=30	Pass
		Edge_1RB_Right	24.50	/	/	18.70	/	/	<=30	Pass
	3855	Outer_Full	24.61	/	/	18.81	/	/	<=30	Pass
		Inner_Full	24.68	/	/	18.88	/	/	<=30	Pass
		Inner_1RB_Left	24.49	/	/	18.69	/	/	<=30	Pass
		Inner_1RB_Right	24.54	/	/	18.74	/	/	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	26.60	/	/	20.80	/	/	<=30	Pass
		Edge_1RB_Right	26.17	/	/	20.37	/	/	<=30	Pass
		Outer_Full	26.70	/	/	20.90	/	/	<=30	Pass
		Inner_Full	26.45	/	/	20.65	/	/	<=30	Pass
	3675	Inner_1RB_Left	27.26	/	/	21.46	/	/	<=30	Pass
		Inner_1RB_Right	26.83	/	/	21.03	/	/	<=30	Pass
		Edge_1RB_Left	26.24	/	/	20.44	/	/	<=30	Pass
		Edge_1RB_Right	26.21	/	/	20.41	/	/	<=30	Pass
	3855	Outer_Full	26.41	/	/	20.61	/	/	<=30	Pass
		Inner_Full	26.51	/	/	20.71	/	/	<=30	Pass
		Inner_1RB_Left	26.82	/	/	21.02	/	/	<=30	Pass
		Inner_1RB_Right	26.74	/	/	20.94	/	/	<=30	Pass
	3495	Edge_1RB_Left	25.81	/	/	20.01	/	/	<=30	Pass
		Edge_1RB_Right	25.86	/	/	20.06	/	/	<=30	Pass
		Outer_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_Full	26.23	/	/	20.43	/	/	<=30	Pass
	3495	Inner_1RB_Left	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB_Right	26.48	/	/	20.68	/	/	<=30	Pass
		Edge_1RB_Left	26.56	/	/	20.76	/	/	<=30	Pass
		Edge_1RB_Right	26.18	/	/	20.38	/	/	<=30	Pass
	3495	Outer_Full	26.73	/	/	20.93	/	/	<=30	Pass
		Inner_Full	26.60	/	/	20.80	/	/	<=30	Pass

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CP-OFDM 64 QAM		Inner_1RB Left	27.08	/	/	21.28	/	/	<=30	Pass
		Inner_1RB Right	26.72	/	/	20.92	/	/	<=30	Pass
	3675	Edge_1RB Left	26.36	/	/	20.56	/	/	<=30	Pass
		Edge_1RB Right	26.26	/	/	20.46	/	/	<=30	Pass
		Outer_Full	26.45	/	/	20.65	/	/	<=30	Pass
		Inner_Full	26.55	/	/	20.75	/	/	<=30	Pass
		Inner_1RB Left	26.94	/	/	21.14	/	/	<=30	Pass
		Inner_1RB Right	26.77	/	/	20.97	/	/	<=30	Pass
	3855	Edge_1RB Left	25.77	/	/	19.97	/	/	<=30	Pass
		Edge_1RB Right	25.97	/	/	20.17	/	/	<=30	Pass
		Outer_Full	26.20	/	/	20.40	/	/	<=30	Pass
		Inner_Full	26.21	/	/	20.41	/	/	<=30	Pass
		Inner_1RB Left	26.52	/	/	20.73	/	/	<=30	Pass
		Inner_1RB Right	26.48	/	/	20.68	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB Left	26.55	/	/	20.75	/	/	<=30	Pass
		Edge_1RB Right	26.19	/	/	20.39	/	/	<=30	Pass
		Outer_Full	26.30	/	/	20.50	/	/	<=30	Pass
		Inner_Full	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB Left	26.63	/	/	20.83	/	/	<=30	Pass
		Inner_1RB Right	26.30	/	/	20.50	/	/	<=30	Pass
	3675	Edge_1RB Left	26.30	/	/	20.50	/	/	<=30	Pass
		Edge_1RB Right	26.18	/	/	20.38	/	/	<=30	Pass
		Outer_Full	25.98	/	/	20.18	/	/	<=30	Pass
		Inner_Full	25.91	/	/	20.11	/	/	<=30	Pass
		Inner_1RB Left	26.47	/	/	20.67	/	/	<=30	Pass
		Inner_1RB Right	26.20	/	/	20.40	/	/	<=30	Pass
	3855	Edge_1RB Left	25.89	/	/	20.09	/	/	<=30	Pass
		Edge_1RB Right	25.91	/	/	20.11	/	/	<=30	Pass
		Outer_Full	25.73	/	/	19.93	/	/	<=30	Pass
		Inner_Full	25.63	/	/	19.83	/	/	<=30	Pass
		Inner_1RB Left	25.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB Right	25.94	/	/	20.14	/	/	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB Left	23.23	/	/	17.43	/	/	<=30	Pass
		Edge_1RB Right	22.77	/	/	16.97	/	/	<=30	Pass
		Outer_Full	23.35	/	/	17.55	/	/	<=30	Pass
		Inner_Full	23.32	/	/	17.52	/	/	<=30	Pass
		Inner_1RB Left	23.21	/	/	17.41	/	/	<=30	Pass
		Inner_1RB Right	22.80	/	/	17.00	/	/	<=30	Pass
	3675	Edge_1RB Left	22.98	/	/	17.18	/	/	<=30	Pass
		Edge_1RB Right	22.93	/	/	17.13	/	/	<=30	Pass
		Outer_Full	23.04	/	/	17.24	/	/	<=30	Pass
		Inner_Full	23.01	/	/	17.21	/	/	<=30	Pass
		Inner_1RB Left	23.08	/	/	17.28	/	/	<=30	Pass
		Inner_1RB Right	22.85	/	/	17.05	/	/	<=30	Pass
	3855	Edge_1RB Left	22.45	/	/	16.65	/	/	<=30	Pass
		Edge_1RB Right	22.57	/	/	16.77	/	/	<=30	Pass
		Outer_Full	22.81	/	/	17.01	/	/	<=30	Pass
		Inner_Full	22.65	/	/	16.85	/	/	<=30	Pass
		Inner_1RB Left	22.56	/	/	16.76	/	/	<=30	Pass
		Inner_1RB Right	22.57	/	/	16.77	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.10 30_S_100M_NTNV_EIRP

5G NR n77g SCS=30kHz SISO 100MHz NTNV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3500.01	Edge_1RB Left	26.56	/	/	20.76	/	/	<=30	Pass
		Edge_1RB Right	26.07	/	/	20.27	/	/	<=30	Pass
		Outer_Full	26.82	/	/	21.02	/	/	<=30	Pass
		Inner_Full	26.77	/	/	20.97	/	/	<=30	Pass

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		Inner_1RB Left	27.10	/	/	21.30	/	/	<=30	Pass
		Inner_1RB Right	26.66	/	/	20.86	/	/	<=30	Pass
	3675	Edge_1RB Left	26.30	/	/	20.50	/	/	<=30	Pass
		Edge_1RB Right	26.06	/	/	20.26	/	/	<=30	Pass
		Outer_Full	26.70	/	/	20.90	/	/	<=30	Pass
		Inner_Full	26.68	/	/	20.88	/	/	<=30	Pass
		Inner_1RB Left	27.00	/	/	21.20	/	/	<=30	Pass
		Inner_1RB Right	26.69	/	/	20.89	/	/	<=30	Pass
	3849.99	Edge_1RB Left	25.50	/	/	19.70	/	/	<=30	Pass
		Edge_1RB Right	25.83	/	/	20.03	/	/	<=30	Pass
		Outer_Full	26.09	/	/	20.29	/	/	<=30	Pass
		Inner_Full	25.98	/	/	20.18	/	/	<=30	Pass
		Inner_1RB Left	26.18	/	/	20.38	/	/	<=30	Pass
		Inner_1RB Right	26.42	/	/	20.62	/	/	<=30	Pass
DFT-s-OFDM QPSK	3500.01	Edge_1RB Left	26.55	/	/	20.75	/	/	<=30	Pass
		Edge_1RB Right	26.01	/	/	20.21	/	/	<=30	Pass
		Outer_Full	26.83	/	/	21.03	/	/	<=30	Pass
		Inner_Full	26.70	/	/	20.90	/	/	<=30	Pass
		Inner_1RB Left	27.14	/	/	21.34	/	/	<=30	Pass
		Inner_1RB Right	26.65	/	/	20.85	/	/	<=30	Pass
	3675	Edge_1RB Left	26.25	/	/	20.45	/	/	<=30	Pass
		Edge_1RB Right	26.01	/	/	20.21	/	/	<=30	Pass
		Outer_Full	26.69	/	/	20.89	/	/	<=30	Pass
		Inner_Full	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB Left	26.93	/	/	21.13	/	/	<=30	Pass
		Inner_1RB Right	26.58	/	/	20.78	/	/	<=30	Pass
	3849.99	Edge_1RB Left	25.47	/	/	19.67	/	/	<=30	Pass
		Edge_1RB Right	25.85	/	/	20.05	/	/	<=30	Pass
		Outer_Full	26.07	/	/	20.27	/	/	<=30	Pass
		Inner_Full	25.88	/	/	20.08	/	/	<=30	Pass
		Inner_1RB Left	26.12	/	/	20.32	/	/	<=30	Pass
		Inner_1RB Right	26.42	/	/	20.62	/	/	<=30	Pass
DFT-s-OFDM 16 QAM	3500.01	Edge_1RB Left	26.56	/	/	20.76	/	/	<=30	Pass
		Edge_1RB Right	26.10	/	/	20.30	/	/	<=30	Pass
		Outer_Full	26.76	/	/	20.96	/	/	<=30	Pass
		Inner_Full	26.64	/	/	20.85	/	/	<=30	Pass
		Inner_1RB Left	27.03	/	/	21.23	/	/	<=30	Pass
		Inner_1RB Right	26.63	/	/	20.83	/	/	<=30	Pass
	3675	Edge_1RB Left	26.38	/	/	20.58	/	/	<=30	Pass
		Edge_1RB Right	26.14	/	/	20.34	/	/	<=30	Pass
		Outer_Full	26.63	/	/	20.83	/	/	<=30	Pass
		Inner_Full	26.62	/	/	20.82	/	/	<=30	Pass
		Inner_1RB Left	26.72	/	/	20.92	/	/	<=30	Pass
		Inner_1RB Right	26.50	/	/	20.70	/	/	<=30	Pass
	3849.99	Edge_1RB Left	25.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB Right	25.95	/	/	20.15	/	/	<=30	Pass
		Outer_Full	25.94	/	/	20.14	/	/	<=30	Pass
		Inner_Full	25.86	/	/	20.06	/	/	<=30	Pass
		Inner_1RB Left	26.13	/	/	20.33	/	/	<=30	Pass
		Inner_1RB Right	26.32	/	/	20.52	/	/	<=30	Pass
DFT-s-OFDM 64 QAM	3500.01	Edge_1RB Left	26.59	/	/	20.79	/	/	<=30	Pass
		Edge_1RB Right	26.02	/	/	20.22	/	/	<=30	Pass
		Outer_Full	26.75	/	/	20.95	/	/	<=30	Pass
		Inner_Full	26.74	/	/	20.94	/	/	<=30	Pass
		Inner_1RB Left	27.00	/	/	21.20	/	/	<=30	Pass
		Inner_1RB Right	26.59	/	/	20.79	/	/	<=30	Pass
	3675	Edge_1RB Left	26.28	/	/	20.48	/	/	<=30	Pass
		Edge_1RB Right	26.07	/	/	20.27	/	/	<=30	Pass
		Outer_Full	26.63	/	/	20.83	/	/	<=30	Pass
		Inner_Full	26.48	/	/	20.68	/	/	<=30	Pass
		Inner_1RB Left	26.94	/	/	21.14	/	/	<=30	Pass
		Inner_1RB Right	26.71	/	/	20.91	/	/	<=30	Pass

	3849.99	Edge_1RB_Left	25.44	/	/	19.64	/	/	<=30	Pass
		Edge_1RB_Right	25.79	/	/	19.99	/	/	<=30	Pass
		Outer_Full	25.95	/	/	20.15	/	/	<=30	Pass
		Inner_Full	25.95	/	/	20.15	/	/	<=30	Pass
		Inner_1RB_Left	26.01	/	/	20.21	/	/	<=30	Pass
		Inner_1RB_Right	26.30	/	/	20.50	/	/	<=30	Pass
DFT-s-OFDM 256 QAM	3500.01	Edge_1RB_Left	25.31	/	/	19.51	/	/	<=30	Pass
		Edge_1RB_Right	24.76	/	/	18.96	/	/	<=30	Pass
		Outer_Full	25.27	/	/	19.47	/	/	<=30	Pass
		Inner_Full	25.20	/	/	19.40	/	/	<=30	Pass
		Inner_1RB_Left	25.27	/	/	19.47	/	/	<=30	Pass
		Inner_1RB_Right	24.81	/	/	19.01	/	/	<=30	Pass
	3675	Edge_1RB_Left	25.06	/	/	19.26	/	/	<=30	Pass
		Edge_1RB_Right	24.81	/	/	19.01	/	/	<=30	Pass
		Outer_Full	25.04	/	/	19.24	/	/	<=30	Pass
		Inner_Full	24.99	/	/	19.19	/	/	<=30	Pass
		Inner_1RB_Left	24.92	/	/	19.12	/	/	<=30	Pass
		Inner_1RB_Right	24.85	/	/	19.05	/	/	<=30	Pass
	3849.99	Edge_1RB_Left	24.28	/	/	18.48	/	/	<=30	Pass
		Edge_1RB_Right	24.61	/	/	18.81	/	/	<=30	Pass
		Outer_Full	24.45	/	/	18.65	/	/	<=30	Pass
		Inner_Full	24.48	/	/	18.68	/	/	<=30	Pass
		Inner_1RB_Left	24.24	/	/	18.44	/	/	<=30	Pass
		Inner_1RB_Right	24.66	/	/	18.86	/	/	<=30	Pass
CP-OFDM QPSK	3500.01	Edge_1RB_Left	26.57	/	/	20.77	/	/	<=30	Pass
		Edge_1RB_Right	26.04	/	/	20.24	/	/	<=30	Pass
		Outer_Full	26.73	/	/	20.93	/	/	<=30	Pass
		Inner_Full	26.34	/	/	20.54	/	/	<=30	Pass
		Inner_1RB_Left	27.12	/	/	21.32	/	/	<=30	Pass
		Inner_1RB_Right	26.76	/	/	20.96	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.32	/	/	20.52	/	/	<=30	Pass
		Edge_1RB_Right	26.16	/	/	20.36	/	/	<=30	Pass
		Outer_Full	26.66	/	/	20.86	/	/	<=30	Pass
		Inner_Full	26.33	/	/	20.53	/	/	<=30	Pass
		Inner_1RB_Left	27.00	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	26.79	/	/	20.99	/	/	<=30	Pass
	3849.99	Edge_1RB_Left	25.74	/	/	19.94	/	/	<=30	Pass
		Edge_1RB_Right	25.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	26.05	/	/	20.26	/	/	<=30	Pass
		Inner_Full	25.79	/	/	19.99	/	/	<=30	Pass
		Inner_1RB_Left	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	26.80	/	/	21.00	/	/	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	26.49	/	/	20.69	/	/	<=30	Pass
		Edge_1RB_Right	26.18	/	/	20.38	/	/	<=30	Pass
		Outer_Full	26.61	/	/	20.81	/	/	<=30	Pass
		Inner_Full	26.59	/	/	20.79	/	/	<=30	Pass
		Inner_1RB_Left	27.08	/	/	21.28	/	/	<=30	Pass
		Inner_1RB_Right	26.73	/	/	20.93	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.43	/	/	20.63	/	/	<=30	Pass
		Edge_1RB_Right	26.25	/	/	20.45	/	/	<=30	Pass
		Outer_Full	26.64	/	/	20.84	/	/	<=30	Pass
		Inner_Full	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Left	27.00	/	/	21.20	/	/	<=30	Pass
		Inner_1RB_Right	26.85	/	/	21.05	/	/	<=30	Pass
	3849.99	Edge_1RB_Left	25.69	/	/	19.89	/	/	<=30	Pass
		Edge_1RB_Right	25.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	26.05	/	/	20.25	/	/	<=30	Pass
		Inner_Full	26.00	/	/	20.20	/	/	<=30	Pass
		Inner_1RB_Left	25.82	/	/	20.02	/	/	<=30	Pass
		Inner_1RB_Right	26.40	/	/	20.60	/	/	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	26.44	/	/	20.64	/	/	<=30	Pass
		Edge_1RB_Right	26.21	/	/	20.41	/	/	<=30	Pass

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CP-OFDM 256 QAM		Outer_Full	26.05	/	/	20.25	/	/	<=30	Pass
		Inner_Full	25.97	/	/	20.17	/	/	<=30	Pass
		Inner_1RB_Left	26.52	/	/	20.72	/	/	<=30	Pass
		Inner_1RB_Right	26.20	/	/	20.40	/	/	<=30	Pass
	3675	Edge_1RB_Left	26.40	/	/	20.60	/	/	<=30	Pass
		Edge_1RB_Right	26.22	/	/	20.42	/	/	<=30	Pass
		Outer_Full	26.08	/	/	20.28	/	/	<=30	Pass
		Inner_Full	25.94	/	/	20.14	/	/	<=30	Pass
	3849.99	Inner_1RB_Left	26.46	/	/	20.66	/	/	<=30	Pass
		Inner_1RB_Right	26.19	/	/	20.39	/	/	<=30	Pass
		Edge_1RB_Left	25.61	/	/	19.81	/	/	<=30	Pass
		Edge_1RB_Right	25.99	/	/	20.19	/	/	<=30	Pass
		Outer_Full	25.54	/	/	19.74	/	/	<=30	Pass
		Inner_Full	25.41	/	/	19.61	/	/	<=30	Pass
		Inner_1RB_Left	25.61	/	/	19.81	/	/	<=30	Pass
		Inner_1RB_Right	25.87	/	/	20.07	/	/	<=30	Pass
	3500.01	Edge_1RB_Left	23.17	/	/	17.37	/	/	<=30	Pass
		Edge_1RB_Right	22.93	/	/	17.13	/	/	<=30	Pass
		Outer_Full	23.05	/	/	17.25	/	/	<=30	Pass
		Inner_Full	23.00	/	/	17.20	/	/	<=30	Pass
	3675	Inner_1RB_Left	23.25	/	/	17.45	/	/	<=30	Pass
		Inner_1RB_Right	22.92	/	/	17.12	/	/	<=30	Pass
		Edge_1RB_Left	23.06	/	/	17.26	/	/	<=30	Pass
		Edge_1RB_Right	22.98	/	/	17.18	/	/	<=30	Pass
	3849.99	Outer_Full	23.05	/	/	17.25	/	/	<=30	Pass
		Inner_Full	23.11	/	/	17.31	/	/	<=30	Pass
		Inner_1RB_Left	23.14	/	/	17.34	/	/	<=30	Pass
		Inner_1RB_Right	22.95	/	/	17.15	/	/	<=30	Pass
		Edge_1RB_Left	22.29	/	/	16.49	/	/	<=30	Pass
		Edge_1RB_Right	22.72	/	/	16.92	/	/	<=30	Pass
		Outer_Full	22.57	/	/	16.77	/	/	<=30	Pass
		Inner_Full	22.43	/	/	16.63	/	/	<=30	Pass
		Inner_1RB_Left	22.35	/	/	16.55	/	/	<=30	Pass
		Inner_1RB_Right	22.59	/	/	16.79	/	/	<=30	Pass

Note1: Antenna Gain: Ant1: -5.80dBi; Ant2: -0.60dBi;
Note2: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_10M

5G NR n77g SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3675	Outer_Full	20	LV	-34.50	-0.0094	>=-2.5 & <=2.5	Pass
				HV	9.12	0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-0.63	-0.0002	>=-2.5 & <=2.5	Pass
			-20	NV	-13.28	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-3.47	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	-8.71	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	10.55	0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-4.02	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-4.72	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-6.33	-0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-7.19	-0.0020	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3675	Outer_Full	20	LV	-12.80	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-4.67	-0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	3.11	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	-7.60	-0.0021	>=-2.5 & <=2.5	Pass

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			-10	NV	-14.76	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-15.25	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-17.03	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			20	NV	1.68	0.0005	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-7.68	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	0.74	0.0002	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.94	-0.0027	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	20	LV	-12.66	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	1.28	0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	0.30	0.0001	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.88	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.37	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	0.12	0.0000	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.58	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-0.57	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			30	NV	0.10	0.0000	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-2.61	-0.0007	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-17.98	-0.0049	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	20	LV	-2.91	-0.0008	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.17	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	3.55	0.0010	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-7.47	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-12.67	-0.0034	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-12.73	-0.0035	≥ -2.5 & ≤ 2.5	Pass
			10	NV	6.30	0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-6.09	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-14.89	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-9.74	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-11.95	-0.0033	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	20	LV	-1.42	-0.0004	≥ -2.5 & ≤ 2.5	Pass
				HV	-3.68	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-10.38	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	4.19	0.0011	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.89	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-5.08	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.70	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.54	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	5.40	0.0015	≥ -2.5 & ≤ 2.5	Pass
			40	NV	5.86	0.0016	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-16.04	-0.0044	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3675	Outer_Full	20	LV	-8.51	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.56	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	0.44	0.0001	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	5.63	0.0015	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.30	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-3.57	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-9.95	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-8.56	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-10.39	-0.0028	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.69	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			50	NV	1.36	0.0004	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3675	Outer_Full	20	LV	-9.81	-0.0027	≥ -2.5 & ≤ 2.5	Pass
				HV	-2.26	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.84	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-0.64	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.37	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-13.89	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.10	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-17.86	-0.0049	≥ -2.5 & ≤ 2.5	Pass
			30	NV	3.30	0.0009	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.83	0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.12	-0.0025	≥ -2.5 & ≤ 2.5	Pass

CP-OFDM 64 QAM	3675	Outer_Full	20	LV	-3.64	-0.0010	>=-2.5 & <=2.5	Pass
				HV	0.33	0.0001	>=-2.5 & <=2.5	Pass
			-30	NV	3.52	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-16.71	-0.0045	>=-2.5 & <=2.5	Pass
			-10	NV	-5.19	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	6.18	0.0017	>=-2.5 & <=2.5	Pass
			10	NV	-2.93	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	11.48	0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-0.24	-0.0001	>=-2.5 & <=2.5	Pass
			40	NV	-6.42	-0.0017	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3675	Outer_Full	20	LV	-10.36	-0.0028	>=-2.5 & <=2.5	Pass
				HV	0.19	0.0001	>=-2.5 & <=2.5	Pass
			-30	NV	1.47	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	9.10	0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	-13.76	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-8.40	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-9.55	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-15.29	-0.0042	>=-2.5 & <=2.5	Pass
			30	NV	-0.42	-0.0001	>=-2.5 & <=2.5	Pass
			40	NV	-7.13	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	10.67	0.0029	>=-2.5 & <=2.5	Pass
				NV	11.09	0.0030	>=-2.5 & <=2.5	Pass

2.1.2 30_S_20M

5G NR n77g SCS=30kHz SISO 20MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3675	Outer_Full	20	LV	-0.74	-0.0002	>=-2.5 & <=2.5	Pass
				HV	-17.91	-0.0049	>=-2.5 & <=2.5	Pass
			-30	NV	-9.47	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	6.44	0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-7.76	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-21.12	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	2.66	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	-7.52	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-6.49	-0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-6.86	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3675	Outer_Full	20	LV	-5.45	-0.0015	>=-2.5 & <=2.5	Pass
				HV	-10.17	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-14.40	-0.0039	>=-2.5 & <=2.5	Pass
			-20	NV	-11.15	-0.0030	>=-2.5 & <=2.5	Pass
			-10	NV	-10.02	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-17.28	-0.0047	>=-2.5 & <=2.5	Pass
			10	NV	0.66	0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-7.32	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
			40	NV	-0.70	-0.0002	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	20	LV	-2.46	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-16.38	-0.0045	>=-2.5 & <=2.5	Pass
			-30	NV	-5.19	-0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-10.19	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-5.90	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-4.62	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-3.09	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	-1.20	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	-4.72	-0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-2.49	-0.0007	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	20	NV	2.57	0.0007	>=-2.5 & <=2.5	Pass
				LV	0.04	0.0000	>=-2.5 & <=2.5	Pass

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				HV	-5.18	-0.0014	>=-2.5 & <=2.5	Pass
			-30	NV	-1.50	-0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	3.49	0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	-12.48	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	5.43	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	-5.44	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-8.37	-0.0023	>=-2.5 & <=2.5	Pass
			30	NV	3.47	0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-18.27	-0.0050	>=-2.5 & <=2.5	Pass
			50	NV	-0.70	-0.0002	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	20	LV	-5.97	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-16.27	-0.0044	>=-2.5 & <=2.5	Pass
			-30	NV	1.86	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	10.36	0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-5.97	-0.0016	>=-2.5 & <=2.5	Pass
			0	NV	-15.07	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	2.71	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	6.23	0.0017	>=-2.5 & <=2.5	Pass
			30	NV	6.37	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-10.14	-0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3675	Outer_Full	50	NV	-0.14	0.0000	>=-2.5 & <=2.5	Pass
			20	LV	-7.89	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-4.24	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-4.27	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-6.57	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-8.21	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-8.93	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-11.55	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-14.00	-0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-8.29	-0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3675	Outer_Full	40	NV	-0.54	-0.0001	>=-2.5 & <=2.5	Pass
			50	NV	0.38	0.0001	>=-2.5 & <=2.5	Pass
			20	LV	-8.83	-0.0024	>=-2.5 & <=2.5	Pass
				HV	2.72	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-9.44	-0.0026	>=-2.5 & <=2.5	Pass
			-20	NV	1.45	0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-9.76	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-6.69	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	4.42	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-18.91	-0.0051	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3675	Outer_Full	30	NV	-12.93	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-11.75	-0.0032	>=-2.5 & <=2.5	Pass
			50	NV	-3.05	-0.0008	>=-2.5 & <=2.5	Pass
			20	LV	-4.00	-0.0011	>=-2.5 & <=2.5	Pass
				HV	3.47	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-17.50	-0.0048	>=-2.5 & <=2.5	Pass
			-20	NV	-6.75	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-3.84	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-12.75	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	-3.97	-0.0011	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3675	Outer_Full	20	NV	-7.46	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	0.13	0.0000	>=-2.5 & <=2.5	Pass
			40	NV	4.96	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-9.08	-0.0025	>=-2.5 & <=2.5	Pass
			20	LV	-11.13	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-13.09	-0.0036	>=-2.5 & <=2.5	Pass
			-30	NV	-5.89	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-10.72	-0.0029	>=-2.5 & <=2.5	Pass
			-10	NV	-7.18	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-12.52	-0.0034	>=-2.5 & <=2.5	Pass
			10	NV	-8.13	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	1.80	0.0005	>=-2.5 & <=2.5	Pass

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			30	NV	-5.69	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-9.11	-0.0025	>=-2.5 & <=2.5	Pass
			50	NV	-9.27	-0.0025	>=-2.5 & <=2.5	Pass

2.1.3 30_S_30M

5G NR n77g SCS=30kHz SISO 30MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3675	Outer_Full	20	LV	-10.85	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-6.76	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	6.05	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-9.79	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	2.35	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	2.70	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	0.34	0.0001	>=-2.5 & <=2.5	Pass
			20	NV	-1.70	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	2.79	0.0008	>=-2.5 & <=2.5	Pass
			40	NV	0.41	0.0001	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3675	Outer_Full	20	LV	-19.57	-0.0053	>=-2.5 & <=2.5	Pass
				HV	-6.61	-0.0018	>=-2.5 & <=2.5	Pass
			-30	NV	-11.13	-0.0030	>=-2.5 & <=2.5	Pass
			-20	NV	-6.57	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-1.71	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-10.70	-0.0029	>=-2.5 & <=2.5	Pass
			10	NV	-3.78	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-4.33	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	2.46	0.0007	>=-2.5 & <=2.5	Pass
			40	NV	-3.60	-0.0010	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	20	LV	-7.19	-0.0020	>=-2.5 & <=2.5	Pass
				HV	4.73	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	-6.65	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	-13.51	-0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	1.18	0.0003	>=-2.5 & <=2.5	Pass
			0	NV	-0.20	-0.0001	>=-2.5 & <=2.5	Pass
			10	NV	-21.32	-0.0058	>=-2.5 & <=2.5	Pass
			20	NV	-11.44	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	-4.49	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	1.65	0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	20	LV	-10.26	-0.0028	>=-2.5 & <=2.5	Pass
				HV	-3.26	-0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	0.73	0.0002	>=-2.5 & <=2.5	Pass
			-20	NV	-3.66	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	5.02	0.0014	>=-2.5 & <=2.5	Pass
			0	NV	-4.82	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	19.01	0.0052	>=-2.5 & <=2.5	Pass
			20	NV	8.90	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-5.99	-0.0016	>=-2.5 & <=2.5	Pass
			40	NV	-7.14	-0.0019	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	20	LV	-6.05	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-0.28	-0.0001	>=-2.5 & <=2.5	Pass
			-30	NV	-6.39	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	-2.14	-0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	10.38	0.0028	>=-2.5 & <=2.5	Pass
			0	NV	1.37	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-0.98	-0.0003	>=-2.5 & <=2.5	Pass
			20	NV	4.63	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-13.31	-0.0036	>=-2.5 & <=2.5	Pass



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CP-OFDM QPSK	3675	Outer_Full	40	NV	-4.27	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-6.61	-0.0018	>=-2.5 & <=2.5	Pass
			20	LV	-10.52	-0.0029	>=-2.5 & <=2.5	Pass
				HV	-6.26	-0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-1.27	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-1.84	-0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-1.40	-0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-3.75	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-7.55	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	2.42	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-9.21	-0.0025	>=-2.5 & <=2.5	Pass
			40	NV	-0.18	0.0000	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3675	Outer_Full	20	LV	-5.29	-0.0014	>=-2.5 & <=2.5	Pass
				HV	5.68	0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	0.95	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-9.72	-0.0026	>=-2.5 & <=2.5	Pass
			-10	NV	-7.08	-0.0019	>=-2.5 & <=2.5	Pass
			0	NV	-1.93	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	0.82	0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-0.03	0.0000	>=-2.5 & <=2.5	Pass
			30	NV	-15.74	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	-8.53	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-8.55	-0.0023	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3675	Outer_Full	20	LV	-4.42	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-10.78	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	0.92	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-11.62	-0.0032	>=-2.5 & <=2.5	Pass
			-10	NV	4.93	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-4.09	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	10.08	0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-14.52	-0.0040	>=-2.5 & <=2.5	Pass
			30	NV	-1.63	-0.0004	>=-2.5 & <=2.5	Pass
			40	NV	2.55	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	1.61	0.0004	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3675	Outer_Full	20	LV	10.83	0.0029	>=-2.5 & <=2.5	Pass
				HV	2.02	0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	5.99	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-0.29	-0.0001	>=-2.5 & <=2.5	Pass
			-10	NV	-12.89	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	4.77	0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-3.93	-0.0011	>=-2.5 & <=2.5	Pass
			20	NV	-12.69	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-23.66	-0.0064	>=-2.5 & <=2.5	Pass
			40	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			50	NV	-4.64	-0.0013	>=-2.5 & <=2.5	Pass

2.1.4 30_S_40M

5G NR n77g 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	3675	Outer_Full	20	LV	-4.43	-0.0012	>=-2.5 & <=2.5	Pass
				HV	2.58	0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-3.79	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-9.20	-0.0025	>=-2.5 & <=2.5	Pass
			-10	NV	4.43	0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-7.94	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-1.90	-0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-7.94	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-12.65	-0.0034	>=-2.5 & <=2.5	Pass
			40	NV	-12.02	-0.0033	>=-2.5 & <=2.5	Pass

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			50	NV	-1.46	-0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3675	Outer_Full	20	LV	14.16	0.0039	>=-2.5 & <=2.5	Pass
				HV	-8.47	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	-2.12	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-5.12	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-10.30	-0.0028	>=-2.5 & <=2.5	Pass
			0	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-5.44	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-13.43	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	-0.90	-0.0002	>=-2.5 & <=2.5	Pass
			40	NV	0.31	0.0001	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	20	LV	1.02	0.0003	>=-2.5 & <=2.5	Pass
				HV	-2.55	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	0.95	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-16.34	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	4.67	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-21.26	-0.0058	>=-2.5 & <=2.5	Pass
			10	NV	-0.94	-0.0003	>=-2.5 & <=2.5	Pass
			20	NV	-4.42	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	5.61	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-2.84	-0.0008	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	20	LV	-22.50	-0.0061	>=-2.5 & <=2.5	Pass
				HV	-4.03	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-10.75	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	-7.94	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	2.27	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-3.23	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	12.28	0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-15.95	-0.0043	>=-2.5 & <=2.5	Pass
			40	NV	9.82	0.0027	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	20	LV	-2.28	-0.0006	>=-2.5 & <=2.5	Pass
				HV	-13.80	-0.0038	>=-2.5 & <=2.5	Pass
			-30	NV	-6.76	-0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	0.85	0.0002	>=-2.5 & <=2.5	Pass
			-10	NV	-5.07	-0.0014	>=-2.5 & <=2.5	Pass
			0	NV	3.07	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-3.59	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-4.79	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-3.33	-0.0009	>=-2.5 & <=2.5	Pass
			40	NV	-10.78	-0.0029	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3675	Outer_Full	20	LV	7.24	0.0020	>=-2.5 & <=2.5	Pass
				HV	3.99	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-0.43	-0.0001	>=-2.5 & <=2.5	Pass
			-20	NV	2.09	0.0006	>=-2.5 & <=2.5	Pass
			-10	NV	10.51	0.0029	>=-2.5 & <=2.5	Pass
			0	NV	5.47	0.0015	>=-2.5 & <=2.5	Pass
			10	NV	2.16	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	13.53	0.0037	>=-2.5 & <=2.5	Pass
			30	NV	7.09	0.0019	>=-2.5 & <=2.5	Pass
			40	NV	-5.63	-0.0015	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3675	Outer_Full	20	LV	-11.56	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-10.49	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-5.83	-0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-11.23	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-12.72	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-3.71	-0.0010	>=-2.5 & <=2.5	Pass

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			10	NV	4.31	0.0012	>=-2.5 & <=2.5	Pass
			20	NV	3.72	0.0010	>=-2.5 & <=2.5	Pass
			30	NV	4.42	0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-11.15	-0.0030	>=-2.5 & <=2.5	Pass
			50	NV	-8.67	-0.0024	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3675	Outer_Full	20	LV	-10.88	-0.0030	>=-2.5 & <=2.5	Pass
				HV	0.78	0.0002	>=-2.5 & <=2.5	Pass
			-30	NV	1.38	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-8.89	-0.0024	>=-2.5 & <=2.5	Pass
			-10	NV	-8.01	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-8.03	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-1.12	-0.0003	>=-2.5 & <=2.5	Pass
			20	NV	-17.28	-0.0047	>=-2.5 & <=2.5	Pass
			30	NV	-6.20	-0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-1.69	-0.0005	>=-2.5 & <=2.5	Pass
			50	NV	-15.34	-0.0042	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3675	Outer_Full	20	LV	-15.35	-0.0042	>=-2.5 & <=2.5	Pass
				HV	-8.01	-0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	1.46	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	6.93	0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-4.94	-0.0013	>=-2.5 & <=2.5	Pass
			0	NV	-4.95	-0.0013	>=-2.5 & <=2.5	Pass
			10	NV	-6.52	-0.0018	>=-2.5 & <=2.5	Pass
			20	NV	2.60	0.0007	>=-2.5 & <=2.5	Pass
			30	NV	4.89	0.0013	>=-2.5 & <=2.5	Pass
			40	NV	-6.47	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	6.07	0.0017	>=-2.5 & <=2.5	Pass

2.1.5 30_S_50M

5G NR n77g SCS=30kHz SISO 50MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3675	Outer_Full	20	LV	-10.87	-0.0030	>=-2.5 & <=2.5	Pass
				HV	-2.15	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	5.76	0.0016	>=-2.5 & <=2.5	Pass
			-20	NV	-1.59	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-3.88	-0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-5.02	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	0.63	0.0002	>=-2.5 & <=2.5	Pass
			30	NV	2.17	0.0006	>=-2.5 & <=2.5	Pass
			40	NV	-0.66	-0.0002	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3675	Outer_Full	20	LV	4.12	0.0011	>=-2.5 & <=2.5	Pass
				HV	-8.87	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-11.58	-0.0032	>=-2.5 & <=2.5	Pass
			-20	NV	8.05	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-2.87	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	1.33	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-0.14	0.0000	>=-2.5 & <=2.5	Pass
			20	NV	5.98	0.0016	>=-2.5 & <=2.5	Pass
			30	NV	-15.00	-0.0041	>=-2.5 & <=2.5	Pass
			40	NV	-18.62	-0.0051	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	20	LV	6.13	0.0017	>=-2.5 & <=2.5	Pass
				HV	4.88	0.0013	>=-2.5 & <=2.5	Pass
			-30	NV	1.33	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-7.92	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-7.86	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	3.06	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-4.78	-0.0013	>=-2.5 & <=2.5	Pass

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			20	NV	-2.64	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-1.07	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	0.82	0.0002	>=-2.5 & <=2.5	Pass
			50	NV	4.93	0.0013	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	20	LV	4.28	0.0012	>=-2.5 & <=2.5	Pass
				HV	-0.44	-0.0001	>=-2.5 & <=2.5	Pass
			-30	NV	-2.23	-0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-3.50	-0.0010	>=-2.5 & <=2.5	Pass
			-10	NV	-1.00	-0.0003	>=-2.5 & <=2.5	Pass
			0	NV	2.92	0.0008	>=-2.5 & <=2.5	Pass
			10	NV	-4.59	-0.0012	>=-2.5 & <=2.5	Pass
			20	NV	-8.99	-0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-5.11	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	4.63	0.0013	>=-2.5 & <=2.5	Pass
			50	NV	-21.12	-0.0057	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	20	LV	-10.37	-0.0028	>=-2.5 & <=2.5	Pass
				HV	3.99	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	1.76	0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	5.43	0.0015	>=-2.5 & <=2.5	Pass
			-10	NV	2.21	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	1.20	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-5.34	-0.0015	>=-2.5 & <=2.5	Pass
			20	NV	-4.81	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-15.33	-0.0042	>=-2.5 & <=2.5	Pass
			40	NV	-16.28	-0.0044	>=-2.5 & <=2.5	Pass
			50	NV	-0.88	-0.0002	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3675	Outer_Full	20	LV	4.48	0.0012	>=-2.5 & <=2.5	Pass
				HV	-11.70	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-6.07	-0.0017	>=-2.5 & <=2.5	Pass
			-20	NV	4.41	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-12.43	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-16.58	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-3.11	-0.0008	>=-2.5 & <=2.5	Pass
			20	NV	1.31	0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-10.40	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-2.43	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-9.80	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3675	Outer_Full	20	LV	-6.24	-0.0017	>=-2.5 & <=2.5	Pass
				HV	-14.67	-0.0040	>=-2.5 & <=2.5	Pass
			-30	NV	4.98	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-4.86	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	1.42	0.0004	>=-2.5 & <=2.5	Pass
			0	NV	7.04	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-0.74	-0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-2.56	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-10.17	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-0.79	-0.0002	>=-2.5 & <=2.5	Pass
			50	NV	-9.31	-0.0025	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3675	Outer_Full	20	LV	2.21	0.0006	>=-2.5 & <=2.5	Pass
				HV	6.31	0.0017	>=-2.5 & <=2.5	Pass
			-30	NV	-1.01	-0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	2.49	0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	5.68	0.0015	>=-2.5 & <=2.5	Pass
			0	NV	-13.11	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-0.70	-0.0002	>=-2.5 & <=2.5	Pass
			20	NV	-13.28	-0.0036	>=-2.5 & <=2.5	Pass
			30	NV	-3.97	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-11.53	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-16.45	-0.0045	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3675	Outer_Full	20	LV	-12.04	-0.0033	>=-2.5 & <=2.5	Pass
				HV	3.44	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	0.75	0.0002	>=-2.5 & <=2.5	Pass

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			-20	NV	4.85	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	1.52	0.0004	>=-2.5 & <=2.5	Pass
			0	NV	-1.04	-0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-10.76	-0.0029	>=-2.5 & <=2.5	Pass
			20	NV	-7.36	-0.0020	>=-2.5 & <=2.5	Pass
			30	NV	-5.55	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-2.14	-0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-13.94	-0.0038	>=-2.5 & <=2.5	Pass

2.1.6 30_S_60M

5G NR n77g SCS=30kHz SISO 60MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3675	Outer_Full	20	LV	-16.66	-0.0045	>=-2.5 & <=2.5	Pass
				HV	-1.75	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-10.36	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-14.95	-0.0041	>=-2.5 & <=2.5	Pass
			-10	NV	4.65	0.0013	>=-2.5 & <=2.5	Pass
			0	NV	0.83	0.0002	>=-2.5 & <=2.5	Pass
			10	NV	-1.65	-0.0004	>=-2.5 & <=2.5	Pass
			20	NV	-8.01	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-0.39	-0.0001	>=-2.5 & <=2.5	Pass
			40	NV	-17.42	-0.0047	>=-2.5 & <=2.5	Pass
			50	NV	-17.80	-0.0048	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3675	Outer_Full	20	LV	-16.01	-0.0044	>=-2.5 & <=2.5	Pass
				HV	8.01	0.0022	>=-2.5 & <=2.5	Pass
			-30	NV	-0.49	-0.0001	>=-2.5 & <=2.5	Pass
			-20	NV	0.20	0.0001	>=-2.5 & <=2.5	Pass
			-10	NV	0.30	0.0001	>=-2.5 & <=2.5	Pass
			0	NV	-7.10	-0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-7.24	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-13.78	-0.0037	>=-2.5 & <=2.5	Pass
			30	NV	5.50	0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-11.43	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-6.09	-0.0017	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	20	LV	-5.16	-0.0014	>=-2.5 & <=2.5	Pass
				HV	-10.30	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-4.14	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-14.35	-0.0039	>=-2.5 & <=2.5	Pass
			-10	NV	-7.61	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	4.23	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-15.54	-0.0042	>=-2.5 & <=2.5	Pass
			20	NV	-18.89	-0.0051	>=-2.5 & <=2.5	Pass
			30	NV	-14.53	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-19.29	-0.0052	>=-2.5 & <=2.5	Pass
			50	NV	-14.61	-0.0040	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	20	LV	-5.36	-0.0015	>=-2.5 & <=2.5	Pass
				HV	3.92	0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-17.39	-0.0047	>=-2.5 & <=2.5	Pass
			-20	NV	-2.71	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	-9.92	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	7.41	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-13.22	-0.0036	>=-2.5 & <=2.5	Pass
			20	NV	14.11	0.0038	>=-2.5 & <=2.5	Pass
			30	NV	-7.50	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	2.28	0.0006	>=-2.5 & <=2.5	Pass
			50	NV	-11.08	-0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	20	LV	-9.67	-0.0026	>=-2.5 & <=2.5	Pass
				HV	-20.67	-0.0056	>=-2.5 & <=2.5	Pass
			-30	NV	6.46	0.0018	>=-2.5 & <=2.5	Pass
			-20	NV	3.82	0.0010	>=-2.5 & <=2.5	Pass

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			-10	NV	4.06	0.0011	>=-2.5 & <=2.5	Pass
			0	NV	-4.43	-0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-7.04	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-8.26	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	-7.95	-0.0022	>=-2.5 & <=2.5	Pass
			40	NV	-4.34	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-13.02	-0.0035	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3675	Outer_Full	20	LV	-11.78	-0.0032	>=-2.5 & <=2.5	Pass
				HV	3.36	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	4.14	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-6.34	-0.0017	>=-2.5 & <=2.5	Pass
			-10	NV	-8.86	-0.0024	>=-2.5 & <=2.5	Pass
			0	NV	-5.32	-0.0014	>=-2.5 & <=2.5	Pass
			10	NV	-2.22	-0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-12.99	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	3.87	0.0011	>=-2.5 & <=2.5	Pass
			40	NV	10.22	0.0028	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3675	Outer_Full	50	NV	-10.34	-0.0028	>=-2.5 & <=2.5	Pass
			20	LV	-5.15	-0.0014	>=-2.5 & <=2.5	Pass
				HV	1.51	0.0004	>=-2.5 & <=2.5	Pass
			-30	NV	1.21	0.0003	>=-2.5 & <=2.5	Pass
			-20	NV	-10.13	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	3.34	0.0009	>=-2.5 & <=2.5	Pass
			0	NV	1.88	0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-9.88	-0.0027	>=-2.5 & <=2.5	Pass
			20	NV	-6.59	-0.0018	>=-2.5 & <=2.5	Pass
			30	NV	-0.73	-0.0002	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3675	Outer_Full	40	NV	-8.25	-0.0022	>=-2.5 & <=2.5	Pass
			50	NV	-12.81	-0.0035	>=-2.5 & <=2.5	Pass
			20	LV	3.99	0.0011	>=-2.5 & <=2.5	Pass
				HV	-3.81	-0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-8.25	-0.0022	>=-2.5 & <=2.5	Pass
			-20	NV	8.18	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	2.21	0.0006	>=-2.5 & <=2.5	Pass
			0	NV	-8.05	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-5.25	-0.0014	>=-2.5 & <=2.5	Pass
			20	NV	-9.98	-0.0027	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3675	Outer_Full	30	NV	-4.19	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-8.43	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-18.92	-0.0051	>=-2.5 & <=2.5	Pass
			20	LV	-10.05	-0.0027	>=-2.5 & <=2.5	Pass
				HV	-9.06	-0.0025	>=-2.5 & <=2.5	Pass
			-30	NV	-11.29	-0.0031	>=-2.5 & <=2.5	Pass
			-20	NV	0.21	0.0001	>=-2.5 & <=2.5	Pass
			-10	NV	-3.33	-0.0009	>=-2.5 & <=2.5	Pass
			0	NV	2.04	0.0006	>=-2.5 & <=2.5	Pass
			10	NV	9.66	0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-14.16	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	-11.41	-0.0031	>=-2.5 & <=2.5	Pass
			40	NV	-10.27	-0.0028	>=-2.5 & <=2.5	Pass
			50	NV	3.14	0.0009	>=-2.5 & <=2.5	Pass

2.1.7 30_S_70M

5G NR n77g SCS=30kHz SISO 70MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3675	Outer_Full	20	LV	-6.00	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-23.99	-0.0065	>=-2.5 & <=2.5	Pass
			-30	NV	-6.84	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-3.19	-0.0009	>=-2.5 & <=2.5	Pass
			-10	NV	3.40	0.0009	>=-2.5 & <=2.5	Pass

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			0	NV	-0.06	0.0000	>=-2.5 & <=2.5	Pass
			10	NV	-12.29	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-10.01	-0.0027	>=-2.5 & <=2.5	Pass
			30	NV	6.43	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-4.38	-0.0012	>=-2.5 & <=2.5	Pass
			50	NV	-1.60	-0.0004	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3675	Outer_Full	20	LV	-0.76	-0.0002	>=-2.5 & <=2.5	Pass
				HV	-10.02	-0.0027	>=-2.5 & <=2.5	Pass
			-30	NV	-0.81	-0.0002	>=-2.5 & <=2.5	Pass
			-20	NV	-1.01	-0.0003	>=-2.5 & <=2.5	Pass
			-10	NV	-0.68	-0.0002	>=-2.5 & <=2.5	Pass
			0	NV	-9.08	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	3.27	0.0009	>=-2.5 & <=2.5	Pass
			20	NV	2.13	0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-0.37	-0.0001	>=-2.5 & <=2.5	Pass
			40	NV	-5.97	-0.0016	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	50	NV	9.18	0.0025	>=-2.5 & <=2.5	Pass
			20	LV	-12.81	-0.0035	>=-2.5 & <=2.5	Pass
				HV	-5.77	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-7.42	-0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-3.98	-0.0011	>=-2.5 & <=2.5	Pass
			-10	NV	-4.45	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-6.71	-0.0018	>=-2.5 & <=2.5	Pass
			10	NV	2.04	0.0006	>=-2.5 & <=2.5	Pass
			20	NV	-12.30	-0.0033	>=-2.5 & <=2.5	Pass
			30	NV	-5.27	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	40	NV	2.48	0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-6.77	-0.0018	>=-2.5 & <=2.5	Pass
			20	LV	-7.66	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-4.04	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-2.59	-0.0007	>=-2.5 & <=2.5	Pass
			-20	NV	-16.03	-0.0044	>=-2.5 & <=2.5	Pass
			-10	NV	-11.12	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	-1.10	-0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-8.00	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-6.44	-0.0018	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	30	NV	-12.90	-0.0035	>=-2.5 & <=2.5	Pass
			40	NV	-9.65	-0.0026	>=-2.5 & <=2.5	Pass
			50	NV	-12.20	-0.0033	>=-2.5 & <=2.5	Pass
			20	LV	-11.35	-0.0031	>=-2.5 & <=2.5	Pass
				HV	-12.72	-0.0035	>=-2.5 & <=2.5	Pass
			-30	NV	-4.33	-0.0012	>=-2.5 & <=2.5	Pass
			-20	NV	-12.83	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-12.36	-0.0034	>=-2.5 & <=2.5	Pass
			0	NV	-3.51	-0.0010	>=-2.5 & <=2.5	Pass
			10	NV	-2.61	-0.0007	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3675	Outer_Full	20	NV	-4.62	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	6.37	0.0017	>=-2.5 & <=2.5	Pass
			40	NV	-16.18	-0.0044	>=-2.5 & <=2.5	Pass
			50	NV	-5.73	-0.0016	>=-2.5 & <=2.5	Pass
			20	LV	-11.63	-0.0032	>=-2.5 & <=2.5	Pass
				HV	-4.14	-0.0011	>=-2.5 & <=2.5	Pass
			-30	NV	-1.99	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-13.04	-0.0035	>=-2.5 & <=2.5	Pass
			-10	NV	-8.48	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-2.32	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3675	Outer_Full	10	NV	-8.91	-0.0024	>=-2.5 & <=2.5	Pass
			20	NV	-11.37	-0.0031	>=-2.5 & <=2.5	Pass
			30	NV	6.66	0.0018	>=-2.5 & <=2.5	Pass
			40	NV	-13.59	-0.0037	>=-2.5 & <=2.5	Pass
			50	NV	-1.63	-0.0004	>=-2.5 & <=2.5	Pass
			20	LV	-18.97	-0.0052	>=-2.5 & <=2.5	Pass

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				HV	3.27	0.0009	>=-2.5 & <=2.5	Pass
			-30	NV	-10.51	-0.0029	>=-2.5 & <=2.5	Pass
			-20	NV	0.21	0.0001	>=-2.5 & <=2.5	Pass
			-10	NV	13.82	0.0038	>=-2.5 & <=2.5	Pass
			0	NV	1.10	0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-9.72	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	-4.77	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-0.91	-0.0002	>=-2.5 & <=2.5	Pass
			40	NV	-8.33	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3675	Outer_Full	20	LV	-0.95	-0.0003	>=-2.5 & <=2.5	Pass
				HV	-5.86	-0.0016	>=-2.5 & <=2.5	Pass
			-30	NV	-19.64	-0.0053	>=-2.5 & <=2.5	Pass
			-20	NV	-4.38	-0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-11.19	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	6.88	0.0019	>=-2.5 & <=2.5	Pass
			10	NV	-15.07	-0.0041	>=-2.5 & <=2.5	Pass
			20	NV	-1.05	-0.0003	>=-2.5 & <=2.5	Pass
			30	NV	-4.25	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-5.23	-0.0014	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3675	Outer_Full	50	NV	-22.06	-0.0060	>=-2.5 & <=2.5	Pass
			20	LV	2.09	0.0006	>=-2.5 & <=2.5	Pass
				HV	-7.66	-0.0021	>=-2.5 & <=2.5	Pass
			-30	NV	-6.91	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	-1.64	-0.0004	>=-2.5 & <=2.5	Pass
			-10	NV	-3.83	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-4.17	-0.0011	>=-2.5 & <=2.5	Pass
			10	NV	0.71	0.0002	>=-2.5 & <=2.5	Pass
			20	NV	1.88	0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-7.26	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	6.21	0.0017	>=-2.5 & <=2.5	Pass
			50	NV	-8.30	-0.0023	>=-2.5 & <=2.5	Pass

2.1.8 30_S_80M

5G NR n77g SCS=30kHz SISO 80MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3675	Outer_Full	20	LV	-9.19	-0.0025	>=-2.5 & <=2.5	Pass
				HV	-10.81	-0.0029	>=-2.5 & <=2.5	Pass
			-30	NV	-8.40	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	-8.20	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	3.53	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	4.40	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-3.85	-0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-3.94	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-5.28	-0.0014	>=-2.5 & <=2.5	Pass
			40	NV	-8.09	-0.0022	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3675	Outer_Full	50	NV	7.37	0.0020	>=-2.5 & <=2.5	Pass
			20	LV	-2.76	-0.0008	>=-2.5 & <=2.5	Pass
				HV	3.65	0.0010	>=-2.5 & <=2.5	Pass
			-30	NV	-12.13	-0.0033	>=-2.5 & <=2.5	Pass
			-20	NV	-6.86	-0.0019	>=-2.5 & <=2.5	Pass
			-10	NV	-9.86	-0.0027	>=-2.5 & <=2.5	Pass
			0	NV	-12.82	-0.0035	>=-2.5 & <=2.5	Pass
			10	NV	8.53	0.0023	>=-2.5 & <=2.5	Pass
			20	NV	-16.52	-0.0045	>=-2.5 & <=2.5	Pass
			30	NV	3.36	0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	40	NV	6.50	0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-5.40	-0.0015	>=-2.5 & <=2.5	Pass
			20	LV	-6.41	-0.0017	>=-2.5 & <=2.5	Pass
				HV	8.84	0.0024	>=-2.5 & <=2.5	Pass

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			-30	NV	-2.80	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.23	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.48	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-0.09	0.0000	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-11.52	-0.0031	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.06	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			30	NV	1.70	0.0005	≥ -2.5 & ≤ 2.5	Pass
			40	NV	1.67	0.0005	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-11.67	-0.0032	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	20	LV	-8.48	-0.0023	≥ -2.5 & ≤ 2.5	Pass
				HV	-14.42	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.11	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	0.89	0.0002	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-7.97	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-20.64	-0.0056	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-5.69	-0.0015	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-13.46	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-0.65	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			40	NV	2.85	0.0008	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-7.47	-0.0020	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	20	LV	-1.14	-0.0003	≥ -2.5 & ≤ 2.5	Pass
				HV	-5.31	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-1.10	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.37	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	3.93	0.0011	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-2.07	-0.0006	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-3.29	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-7.74	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-8.65	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			40	NV	4.76	0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.94	-0.0013	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	3675	Outer_Full	20	LV	2.37	0.0006	≥ -2.5 & ≤ 2.5	Pass
				HV	-0.71	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-5.00	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-1.60	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.63	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.35	-0.0012	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-6.24	-0.0017	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-11.11	-0.0030	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-2.83	-0.0008	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-7.12	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			50	NV	3.79	0.0010	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	3675	Outer_Full	20	LV	-0.29	-0.0001	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.57	-0.0004	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-13.42	-0.0037	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.15	-0.0009	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-8.95	-0.0024	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.60	-0.0023	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-4.90	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			20	NV	10.70	0.0029	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-4.14	-0.0011	≥ -2.5 & ≤ 2.5	Pass
			40	NV	3.59	0.0010	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-9.87	-0.0027	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	3675	Outer_Full	20	LV	-8.15	-0.0022	≥ -2.5 & ≤ 2.5	Pass
				HV	-1.01	-0.0003	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-15.83	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	6.66	0.0018	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-13.97	-0.0038	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-11.88	-0.0032	≥ -2.5 & ≤ 2.5	Pass
			10	NV	3.20	0.0009	≥ -2.5 & ≤ 2.5	Pass
			20	NV	5.27	0.0014	≥ -2.5 & ≤ 2.5	Pass
			30	NV	0.17	0.0000	≥ -2.5 & ≤ 2.5	Pass

CP-OFDM 256 QAM	3675	Outer_Full	40	NV	-6.64	-0.0018	>=-2.5 & <=2.5	Pass
			50	NV	-21.60	-0.0059	>=-2.5 & <=2.5	Pass
			20	LV	-1.51	-0.0004	>=-2.5 & <=2.5	Pass
				HV	-11.70	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-4.13	-0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-2.49	-0.0007	>=-2.5 & <=2.5	Pass
			-10	NV	6.53	0.0018	>=-2.5 & <=2.5	Pass
			0	NV	-21.03	-0.0057	>=-2.5 & <=2.5	Pass
			10	NV	-0.11	0.0000	>=-2.5 & <=2.5	Pass
			20	NV	4.85	0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-4.17	-0.0011	>=-2.5 & <=2.5	Pass
			40	NV	-11.41	-0.0031	>=-2.5 & <=2.5	Pass
			50	NV	-6.30	-0.0017	>=-2.5 & <=2.5	Pass

2.1.9 30_S_90M

5G NR n77g SCS=30kHz SISO 90MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	3675	Outer_Full	20	LV	-1.45	-0.0004	>=-2.5 & <=2.5	Pass
				HV	-4.56	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-8.45	-0.0023	>=-2.5 & <=2.5	Pass
			-20	NV	1.79	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-3.84	-0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-11.23	-0.0031	>=-2.5 & <=2.5	Pass
			10	NV	-0.41	-0.0001	>=-2.5 & <=2.5	Pass
			20	NV	-3.16	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-1.09	-0.0003	>=-2.5 & <=2.5	Pass
			40	NV	-8.74	-0.0024	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3675	Outer_Full	20	LV	-13.16	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-4.48	-0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	-8.87	-0.0024	>=-2.5 & <=2.5	Pass
			-20	NV	-9.96	-0.0027	>=-2.5 & <=2.5	Pass
			-10	NV	-9.25	-0.0025	>=-2.5 & <=2.5	Pass
			0	NV	-5.95	-0.0016	>=-2.5 & <=2.5	Pass
			10	NV	1.96	0.0005	>=-2.5 & <=2.5	Pass
			20	NV	-2.70	-0.0007	>=-2.5 & <=2.5	Pass
			30	NV	-14.24	-0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-11.34	-0.0031	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	20	LV	-12.38	-0.0034	>=-2.5 & <=2.5	Pass
				HV	-11.59	-0.0032	>=-2.5 & <=2.5	Pass
			-30	NV	-14.07	-0.0038	>=-2.5 & <=2.5	Pass
			-20	NV	-0.43	-0.0001	>=-2.5 & <=2.5	Pass
			-10	NV	-1.93	-0.0005	>=-2.5 & <=2.5	Pass
			0	NV	-1.09	-0.0003	>=-2.5 & <=2.5	Pass
			10	NV	-9.27	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-14.19	-0.0039	>=-2.5 & <=2.5	Pass
			30	NV	3.73	0.0010	>=-2.5 & <=2.5	Pass
			40	NV	-16.55	-0.0045	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	20	LV	-4.92	-0.0013	>=-2.5 & <=2.5	Pass
				HV	-18.79	-0.0051	>=-2.5 & <=2.5	Pass
			-30	NV	-21.72	-0.0059	>=-2.5 & <=2.5	Pass
			-20	NV	7.93	0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-4.55	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-3.34	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-7.25	-0.0020	>=-2.5 & <=2.5	Pass
			20	NV	-3.90	-0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-0.13	0.0000	>=-2.5 & <=2.5	Pass
			40	NV	-2.07	-0.0006	>=-2.5 & <=2.5	Pass

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			50	NV	-5.23	-0.0014	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	20	LV	-7.32	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-12.08	-0.0033	>=-2.5 & <=2.5	Pass
			-30	NV	7.50	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-4.98	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-4.43	-0.0012	>=-2.5 & <=2.5	Pass
			0	NV	-7.97	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	-12.24	-0.0033	>=-2.5 & <=2.5	Pass
			20	NV	-5.07	-0.0014	>=-2.5 & <=2.5	Pass
			30	NV	0.39	0.0001	>=-2.5 & <=2.5	Pass
			40	NV	-6.94	-0.0019	>=-2.5 & <=2.5	Pass
			50	NV	1.87	0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3675	Outer_Full	20	LV	-7.52	-0.0020	>=-2.5 & <=2.5	Pass
				HV	-8.97	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	-1.94	-0.0005	>=-2.5 & <=2.5	Pass
			-20	NV	-5.18	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-7.37	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-21.32	-0.0058	>=-2.5 & <=2.5	Pass
			10	NV	-7.97	-0.0022	>=-2.5 & <=2.5	Pass
			20	NV	-4.23	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	14.22	0.0039	>=-2.5 & <=2.5	Pass
			40	NV	-10.71	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-2.26	-0.0006	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3675	Outer_Full	20	LV	-4.53	-0.0012	>=-2.5 & <=2.5	Pass
				HV	-2.67	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	-15.98	-0.0043	>=-2.5 & <=2.5	Pass
			-20	NV	-6.71	-0.0018	>=-2.5 & <=2.5	Pass
			-10	NV	-8.36	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	1.62	0.0004	>=-2.5 & <=2.5	Pass
			10	NV	-5.80	-0.0016	>=-2.5 & <=2.5	Pass
			20	NV	-1.98	-0.0005	>=-2.5 & <=2.5	Pass
			30	NV	-4.32	-0.0012	>=-2.5 & <=2.5	Pass
			40	NV	-8.53	-0.0023	>=-2.5 & <=2.5	Pass
			50	NV	3.29	0.0009	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3675	Outer_Full	20	LV	-13.23	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-2.34	-0.0006	>=-2.5 & <=2.5	Pass
			-30	NV	-15.03	-0.0041	>=-2.5 & <=2.5	Pass
			-20	NV	-4.99	-0.0014	>=-2.5 & <=2.5	Pass
			-10	NV	-13.50	-0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-8.33	-0.0023	>=-2.5 & <=2.5	Pass
			10	NV	-14.76	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	-4.48	-0.0012	>=-2.5 & <=2.5	Pass
			30	NV	-0.44	-0.0001	>=-2.5 & <=2.5	Pass
			40	NV	-16.14	-0.0044	>=-2.5 & <=2.5	Pass
			50	NV	-4.84	-0.0013	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3675	Outer_Full	20	LV	-13.41	-0.0036	>=-2.5 & <=2.5	Pass
				HV	-9.73	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	5.01	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-7.92	-0.0022	>=-2.5 & <=2.5	Pass
			-10	NV	-8.53	-0.0023	>=-2.5 & <=2.5	Pass
			0	NV	-8.92	-0.0024	>=-2.5 & <=2.5	Pass
			10	NV	-7.08	-0.0019	>=-2.5 & <=2.5	Pass
			20	NV	-1.30	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-14.53	-0.0040	>=-2.5 & <=2.5	Pass
			40	NV	-1.31	-0.0004	>=-2.5 & <=2.5	Pass
			50	NV	-1.71	-0.0005	>=-2.5 & <=2.5	Pass

2.1.10 30_S_100M

5G NR n77g SCS=30kHz SISO 100MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	

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DFT-s-OFDM PI/2 BPSK	3675	Outer_Full	20	LV	-0.35	-0.0001	>=-2.5 & <=2.5	Pass
				HV	7.17	0.0020	>=-2.5 & <=2.5	Pass
			-30	NV	2.15	0.0006	>=-2.5 & <=2.5	Pass
			-20	NV	-13.32	-0.0036	>=-2.5 & <=2.5	Pass
			-10	NV	-8.19	-0.0022	>=-2.5 & <=2.5	Pass
			0	NV	-0.28	-0.0001	>=-2.5 & <=2.5	Pass
			10	NV	-14.60	-0.0040	>=-2.5 & <=2.5	Pass
			20	NV	0.83	0.0002	>=-2.5 & <=2.5	Pass
			30	NV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
			40	NV	0.71	0.0002	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	3675	Outer_Full	20	LV	-3.82	-0.0010	>=-2.5 & <=2.5	Pass
				HV	2.86	0.0008	>=-2.5 & <=2.5	Pass
			-30	NV	-3.82	-0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	4.34	0.0012	>=-2.5 & <=2.5	Pass
			-10	NV	-9.68	-0.0026	>=-2.5 & <=2.5	Pass
			0	NV	-15.09	-0.0041	>=-2.5 & <=2.5	Pass
			10	NV	-12.83	-0.0035	>=-2.5 & <=2.5	Pass
			20	NV	-2.13	-0.0006	>=-2.5 & <=2.5	Pass
			30	NV	-5.39	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-11.10	-0.0030	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	20	LV	-2.37	-0.0006	>=-2.5 & <=2.5	Pass
				HV	-10.38	-0.0028	>=-2.5 & <=2.5	Pass
			-30	NV	-7.15	-0.0019	>=-2.5 & <=2.5	Pass
			-20	NV	4.67	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	0.18	0.0000	>=-2.5 & <=2.5	Pass
			0	NV	-15.71	-0.0043	>=-2.5 & <=2.5	Pass
			10	NV	3.66	0.0010	>=-2.5 & <=2.5	Pass
			20	NV	-12.72	-0.0035	>=-2.5 & <=2.5	Pass
			30	NV	-1.97	-0.0005	>=-2.5 & <=2.5	Pass
			40	NV	-3.49	-0.0009	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	20	LV	7.39	0.0020	>=-2.5 & <=2.5	Pass
				HV	-0.49	-0.0001	>=-2.5 & <=2.5	Pass
			-30	NV	2.94	0.0008	>=-2.5 & <=2.5	Pass
			-20	NV	0.32	0.0001	>=-2.5 & <=2.5	Pass
			-10	NV	3.78	0.0010	>=-2.5 & <=2.5	Pass
			0	NV	-3.35	-0.0009	>=-2.5 & <=2.5	Pass
			10	NV	-9.58	-0.0026	>=-2.5 & <=2.5	Pass
			20	NV	5.39	0.0015	>=-2.5 & <=2.5	Pass
			30	NV	0.07	0.0000	>=-2.5 & <=2.5	Pass
			40	NV	-20.16	-0.0055	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	20	LV	-2.40	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-16.85	-0.0046	>=-2.5 & <=2.5	Pass
			-30	NV	3.56	0.0010	>=-2.5 & <=2.5	Pass
			-20	NV	-0.81	-0.0002	>=-2.5 & <=2.5	Pass
			-10	NV	0.70	0.0002	>=-2.5 & <=2.5	Pass
			0	NV	-13.19	-0.0036	>=-2.5 & <=2.5	Pass
			10	NV	-6.36	-0.0017	>=-2.5 & <=2.5	Pass
			20	NV	8.84	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-7.41	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-9.66	-0.0026	>=-2.5 & <=2.5	Pass
CP-OFDM QPSK	3675	Outer_Full	20	LV	-7.73	-0.0021	>=-2.5 & <=2.5	Pass
				HV	-1.91	-0.0005	>=-2.5 & <=2.5	Pass
			-30	NV	-7.59	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	2.00	0.0005	>=-2.5 & <=2.5	Pass
			-10	NV	-7.29	-0.0020	>=-2.5 & <=2.5	Pass
			0	NV	-2.68	-0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-8.87	-0.0024	>=-2.5 & <=2.5	Pass



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			20	NV	-1.46	-0.0004	>=-2.5 & <=2.5	Pass
			30	NV	-5.52	-0.0015	>=-2.5 & <=2.5	Pass
			40	NV	-3.96	-0.0011	>=-2.5 & <=2.5	Pass
			50	NV	-11.62	-0.0032	>=-2.5 & <=2.5	Pass
CP-OFDM 16 QAM	3675	Outer_Full	20	LV	4.34	0.0012	>=-2.5 & <=2.5	Pass
				HV	-5.69	-0.0015	>=-2.5 & <=2.5	Pass
			-30	NV	-10.43	-0.0028	>=-2.5 & <=2.5	Pass
			-20	NV	-2.81	-0.0008	>=-2.5 & <=2.5	Pass
			-10	NV	-11.05	-0.0030	>=-2.5 & <=2.5	Pass
			0	NV	2.59	0.0007	>=-2.5 & <=2.5	Pass
			10	NV	-9.19	-0.0025	>=-2.5 & <=2.5	Pass
			20	NV	-8.19	-0.0022	>=-2.5 & <=2.5	Pass
			30	NV	0.24	0.0001	>=-2.5 & <=2.5	Pass
			40	NV	-10.00	-0.0027	>=-2.5 & <=2.5	Pass
			50	NV	-2.01	-0.0005	>=-2.5 & <=2.5	Pass
CP-OFDM 64 QAM	3675	Outer_Full	20	LV	-2.75	-0.0007	>=-2.5 & <=2.5	Pass
				HV	-2.72	-0.0007	>=-2.5 & <=2.5	Pass
			-30	NV	1.58	0.0004	>=-2.5 & <=2.5	Pass
			-20	NV	-4.82	-0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	-12.82	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-1.95	-0.0005	>=-2.5 & <=2.5	Pass
			10	NV	-7.61	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-4.91	-0.0013	>=-2.5 & <=2.5	Pass
			30	NV	-7.30	-0.0020	>=-2.5 & <=2.5	Pass
			40	NV	-2.62	-0.0007	>=-2.5 & <=2.5	Pass
			50	NV	-0.76	-0.0002	>=-2.5 & <=2.5	Pass
CP-OFDM 256 QAM	3675	Outer_Full	20	LV	-5.94	-0.0016	>=-2.5 & <=2.5	Pass
				HV	-8.56	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	3.87	0.0011	>=-2.5 & <=2.5	Pass
			-20	NV	-5.75	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	15.21	0.0041	>=-2.5 & <=2.5	Pass
			0	NV	-7.96	-0.0022	>=-2.5 & <=2.5	Pass
			10	NV	2.58	0.0007	>=-2.5 & <=2.5	Pass
			20	NV	4.00	0.0011	>=-2.5 & <=2.5	Pass
			30	NV	-10.11	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	-10.70	-0.0029	>=-2.5 & <=2.5	Pass
			50	NV	-2.14	-0.0006	>=-2.5 & <=2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_10M_NTNV

5G NR n77g 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	3455.01	Outer_Full	8.60	9.64	/	Pass
	3675	Outer_Full	8.58	9.44	/	Pass
	3894.99	Outer_Full	8.60	9.58	/	Pass
DFT-s-OFDM QPSK	3455.01	Outer_Full	8.61	10.00	/	Pass
	3675	Outer_Full	8.57	9.25	/	Pass
	3894.99	Outer_Full	8.52	8.95	/	Pass
DFT-s-OFDM 16 QAM	3455.01	Outer_Full	8.62	9.74	/	Pass
	3675	Outer_Full	8.58	9.67	/	Pass
	3894.99	Outer_Full	8.55	9.53	/	Pass
DFT-s-OFDM 64 QAM	3455.01	Outer_Full	8.59	9.58	/	Pass
	3675	Outer_Full	8.63	9.59	/	Pass
	3894.99	Outer_Full	8.55	9.56	/	Pass
DFT-s-OFDM 256 QAM	3455.01	Outer_Full	8.60	9.57	/	Pass
	3675	Outer_Full	8.54	9.65	/	Pass

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	3894.99	Outer_Full	8.54	9.65	/	Pass
CP-OFDM QPSK	3455.01	Outer_Full	8.59	9.78	/	Pass
	3675	Outer_Full	8.60	9.32	/	Pass
	3894.99	Outer_Full	8.56	9.47	/	Pass
CP-OFDM 16 QAM	3455.01	Outer_Full	8.60	9.92	/	Pass
	3675	Outer_Full	8.58	9.40	/	Pass
	3894.99	Outer_Full	8.64	9.67	/	Pass
CP-OFDM 64 QAM	3455.01	Outer_Full	8.61	9.80	/	Pass
	3675	Outer_Full	8.56	9.60	/	Pass
	3894.99	Outer_Full	8.57	9.14	/	Pass
CP-OFDM 256 QAM	3455.01	Outer_Full	8.60	9.65	/	Pass
	3675	Outer_Full	8.57	9.81	/	Pass
	3894.99	Outer_Full	8.56	9.19	/	Pass

3.1.2 30_S_20M_NTNV

5G NR n77g 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	3460.02	Outer_Full	17.86	19.23	/	Pass
	3675	Outer_Full	17.80	19.00	/	Pass
	3889.98	Outer_Full	17.93	18.76	/	Pass
DFT-s-OFDM QPSK	3460.02	Outer_Full	17.85	19.24	/	Pass
	3675	Outer_Full	17.86	18.51	/	Pass
	3889.98	Outer_Full	17.68	18.65	/	Pass
DFT-s-OFDM 16 QAM	3460.02	Outer_Full	17.86	19.43	/	Pass
	3675	Outer_Full	17.85	18.86	/	Pass
	3889.98	Outer_Full	17.76	18.90	/	Pass
DFT-s-OFDM 64 QAM	3460.02	Outer_Full	17.85	19.16	/	Pass
	3675	Outer_Full	17.90	18.83	/	Pass
	3889.98	Outer_Full	17.80	19.11	/	Pass
DFT-s-OFDM 256 QAM	3460.02	Outer_Full	17.82	19.11	/	Pass
	3675	Outer_Full	17.85	18.87	/	Pass
	3889.98	Outer_Full	17.69	18.68	/	Pass
CP-OFDM QPSK	3460.02	Outer_Full	18.24	19.79	/	Pass
	3675	Outer_Full	18.18	19.35	/	Pass
	3889.98	Outer_Full	18.34	19.25	/	Pass
CP-OFDM 16 QAM	3460.02	Outer_Full	18.29	19.86	/	Pass
	3675	Outer_Full	18.29	19.01	/	Pass
	3889.98	Outer_Full	18.18	18.92	/	Pass
CP-OFDM 64 QAM	3460.02	Outer_Full	18.23	19.61	/	Pass
	3675	Outer_Full	18.20	19.07	/	Pass
	3889.98	Outer_Full	18.15	19.44	/	Pass
CP-OFDM 256 QAM	3460.02	Outer_Full	18.18	19.54	/	Pass
	3675	Outer_Full	18.17	18.91	/	Pass
	3889.98	Outer_Full	18.24	18.91	/	Pass

3.1.3 30_S_30M_NTNV

5G NR n77g SCS=30kHz SISO 30MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3465	Outer_Full	26.84	28.43	/	Pass
	3675	Outer_Full	26.59	27.71	/	Pass
	3885	Outer_Full	26.89	28.24	/	Pass
DFT-s-OFDM QPSK	3465	Outer_Full	26.85	28.60	/	Pass
	3675	Outer_Full	26.84	27.80	/	Pass
	3885	Outer_Full	26.67	27.85	/	Pass
DFT-s-OFDM 16 QAM	3465	Outer_Full	26.82	28.49	/	Pass
	3675	Outer_Full	26.64	28.17	/	Pass
	3885	Outer_Full	26.78	27.72	/	Pass

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DFT-s-OFDM 64 QAM	3465	Outer_Full	26.84	28.63	/	Pass
	3675	Outer_Full	26.60	28.37	/	Pass
	3885	Outer_Full	26.75	28.16	/	Pass
DFT-s-OFDM 256 QAM	3465	Outer_Full	26.84	28.31	/	Pass
	3675	Outer_Full	26.70	27.71	/	Pass
	3885	Outer_Full	26.70	27.71	/	Pass
CP-OFDM QPSK	3465	Outer_Full	27.90	29.41	/	Pass
	3675	Outer_Full	27.94	28.82	/	Pass
	3885	Outer_Full	27.84	29.41	/	Pass
CP-OFDM 16 QAM	3465	Outer_Full	27.89	29.60	/	Pass
	3675	Outer_Full	27.91	29.02	/	Pass
	3885	Outer_Full	28.01	28.96	/	Pass
CP-OFDM 64 QAM	3465	Outer_Full	27.90	29.57	/	Pass
	3675	Outer_Full	27.81	29.08	/	Pass
	3885	Outer_Full	28.03	28.90	/	Pass
CP-OFDM 256 QAM	3465	Outer_Full	27.98	29.87	/	Pass
	3675	Outer_Full	27.76	28.77	/	Pass
	3885	Outer_Full	27.75	29.06	/	Pass

3.1.4 30_S_40M_NTNV

5G NR n77g 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	3470.01	Outer_Full	35.88	38.88	/	Pass
	3675	Outer_Full	35.94	38.72	/	Pass
	3879.99	Outer_Full	35.84	38.37	/	Pass
DFT-s-OFDM QPSK	3470.01	Outer_Full	35.89	38.43	/	Pass
	3675	Outer_Full	35.96	37.98	/	Pass
	3879.99	Outer_Full	36.02	38.12	/	Pass
DFT-s-OFDM 16 QAM	3470.01	Outer_Full	36.02	38.67	/	Pass
	3675	Outer_Full	35.82	37.98	/	Pass
	3879.99	Outer_Full	35.85	38.40	/	Pass
DFT-s-OFDM 64 QAM	3470.01	Outer_Full	36.04	38.55	/	Pass
	3675	Outer_Full	36.09	37.84	/	Pass
	3879.99	Outer_Full	36.06	38.01	/	Pass
DFT-s-OFDM 256 QAM	3470.01	Outer_Full	35.95	38.31	/	Pass
	3675	Outer_Full	36.16	38.33	/	Pass
	3879.99	Outer_Full	35.90	38.08	/	Pass
CP-OFDM QPSK	3470.01	Outer_Full	38.05	40.67	/	Pass
	3675	Outer_Full	38.12	40.12	/	Pass
	3879.99	Outer_Full	37.77	40.32	/	Pass
CP-OFDM 16 QAM	3470.01	Outer_Full	38.07	40.70	/	Pass
	3675	Outer_Full	38.01	40.49	/	Pass
	3879.99	Outer_Full	38.16	40.15	/	Pass
CP-OFDM 64 QAM	3470.01	Outer_Full	37.98	40.59	/	Pass
	3675	Outer_Full	38.04	40.01	/	Pass
	3879.99	Outer_Full	38.13	40.27	/	Pass
CP-OFDM 256 QAM	3470.01	Outer_Full	38.05	40.65	/	Pass
	3675	Outer_Full	38.10	40.35	/	Pass
	3879.99	Outer_Full	38.02	40.22	/	Pass

3.1.5 30_S_50M_NTNV

5G NR n77g SCS=30kHz SISO 50MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3475.02	Outer_Full	45.88	48.61	/	Pass
	3675	Outer_Full	46.01	48.23	/	Pass
	3874.98	Outer_Full	46.07	48.21	/	Pass
DFT-s-OFDM QPSK	3475.02	Outer_Full	45.86	48.53	/	Pass

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	3675	Outer_Full	45.95	48.15	/	Pass
	3874.98	Outer_Full	45.70	48.30	/	Pass
	3475.02	Outer_Full	45.89	48.76	/	Pass
DFT-s-OFDM 16 QAM	3675	Outer_Full	45.91	48.10	/	Pass
	3874.98	Outer_Full	46.02	48.58	/	Pass
	3475.02	Outer_Full	45.80	48.41	/	Pass
DFT-s-OFDM 64 QAM	3675	Outer_Full	45.88	48.20	/	Pass
	3874.98	Outer_Full	45.81	49.01	/	Pass
	3475.02	Outer_Full	46.01	48.49	/	Pass
DFT-s-OFDM 256 QAM	3675	Outer_Full	46.05	48.22	/	Pass
	3874.98	Outer_Full	45.94	48.20	/	Pass
	3475.02	Outer_Full	47.68	50.27	/	Pass
CP-OFDM QPSK	3675	Outer_Full	47.57	50.17	/	Pass
	3874.98	Outer_Full	47.70	50.01	/	Pass
	3475.02	Outer_Full	47.64	50.53	/	Pass
CP-OFDM 16 QAM	3675	Outer_Full	47.65	50.05	/	Pass
	3874.98	Outer_Full	47.58	50.02	/	Pass
	3475.02	Outer_Full	47.68	50.22	/	Pass
CP-OFDM 64 QAM	3675	Outer_Full	47.46	50.03	/	Pass
	3874.98	Outer_Full	47.56	50.02	/	Pass
	3475.02	Outer_Full	47.55	50.60	/	Pass
CP-OFDM 256 QAM	3675	Outer_Full	47.39	49.79	/	Pass
	3874.98	Outer_Full	47.63	49.85	/	Pass

3.1.6 30_S_60M_NTNV

5G NR n77g SCS=30kHz SISO 60MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3480	Outer_Full	58.06	60.87	/	Pass
	3675	Outer_Full	57.71	60.44	/	Pass
	3870	Outer_Full	57.90	60.27	/	Pass
DFT-s-OFDM QPSK	3480	Outer_Full	58.10	60.77	/	Pass
	3675	Outer_Full	58.09	60.70	/	Pass
	3870	Outer_Full	57.58	60.12	/	Pass
DFT-s-OFDM 16 QAM	3480	Outer_Full	58.07	60.86	/	Pass
	3675	Outer_Full	58.12	60.55	/	Pass
	3870	Outer_Full	57.95	60.16	/	Pass
DFT-s-OFDM 64 QAM	3480	Outer_Full	57.95	60.77	/	Pass
	3675	Outer_Full	58.23	60.52	/	Pass
	3870	Outer_Full	58.08	60.64	/	Pass
DFT-s-OFDM 256 QAM	3480	Outer_Full	58.03	60.88	/	Pass
	3675	Outer_Full	57.95	60.31	/	Pass
	3870	Outer_Full	57.98	60.42	/	Pass
CP-OFDM QPSK	3480	Outer_Full	57.90	60.61	/	Pass
	3675	Outer_Full	57.63	60.35	/	Pass
	3870	Outer_Full	57.62	60.19	/	Pass
CP-OFDM 16 QAM	3480	Outer_Full	58.05	60.71	/	Pass
	3675	Outer_Full	57.69	60.43	/	Pass
	3870	Outer_Full	57.95	60.38	/	Pass
CP-OFDM 64 QAM	3480	Outer_Full	57.85	60.65	/	Pass
	3675	Outer_Full	57.59	60.40	/	Pass
	3870	Outer_Full	57.75	60.39	/	Pass
CP-OFDM 256 QAM	3480	Outer_Full	58.00	60.78	/	Pass
	3675	Outer_Full	58.05	60.41	/	Pass
	3870	Outer_Full	57.98	60.43	/	Pass

3.1.7 30_S_70M_NTNV

5G NR n77g SCS=30kHz SISO 70MHz NTN						
Modulation	Frequency	RB	99% Bandwidth	26dB Bandwidth	Limit	Verdict

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	(MHz)	Allocation	(MHz)	(MHz)	(MHz)	
DFT-s-OFDM PI/2 BPSK	3485.01	Outer_Full	64.42	67.43	/	Pass
	3675	Outer_Full	64.72	66.99	/	Pass
	3864.99	Outer_Full	64.70	68.91	/	Pass
DFT-s-OFDM QPSK	3485.01	Outer_Full	64.34	67.29	/	Pass
	3675	Outer_Full	64.06	66.84	/	Pass
	3864.99	Outer_Full	64.30	67.11	/	Pass
DFT-s-OFDM 16 QAM	3485.01	Outer_Full	64.39	67.42	/	Pass
	3675	Outer_Full	64.45	66.90	/	Pass
	3864.99	Outer_Full	64.35	67.08	/	Pass
DFT-s-OFDM 64 QAM	3485.01	Outer_Full	64.29	67.09	/	Pass
	3675	Outer_Full	63.86	66.97	/	Pass
	3864.99	Outer_Full	64.14	67.18	/	Pass
DFT-s-OFDM 256 QAM	3485.01	Outer_Full	64.39	67.26	/	Pass
	3675	Outer_Full	64.47	67.28	/	Pass
	3864.99	Outer_Full	64.33	67.10	/	Pass
CP-OFDM QPSK	3485.01	Outer_Full	67.45	70.43	/	Pass
	3675	Outer_Full	67.50	70.11	/	Pass
	3864.99	Outer_Full	67.48	70.04	/	Pass
CP-OFDM 16 QAM	3485.01	Outer_Full	67.58	70.54	/	Pass
	3675	Outer_Full	67.34	70.19	/	Pass
	3864.99	Outer_Full	67.37	70.16	/	Pass
CP-OFDM 64 QAM	3485.01	Outer_Full	67.48	70.47	/	Pass
	3675	Outer_Full	67.14	69.92	/	Pass
	3864.99	Outer_Full	68.00	72.26	/	Pass
CP-OFDM 256 QAM	3485.01	Outer_Full	67.67	70.65	/	Pass
	3675	Outer_Full	67.30	70.06	/	Pass
	3864.99	Outer_Full	67.34	70.01	/	Pass

3.1.8 30_S_80M_NTNV

5G NR n77g SCS=30kHz SISO 80MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3490.02	Outer_Full	77.19	80.23	/	Pass
	3675	Outer_Full	76.83	79.85	/	Pass
	3859.98	Outer_Full	77.36	79.99	/	Pass
DFT-s-OFDM QPSK	3490.02	Outer_Full	77.14	80.11	/	Pass
	3675	Outer_Full	76.74	79.94	/	Pass
	3859.98	Outer_Full	77.60	82.05	/	Pass
DFT-s-OFDM 16 QAM	3490.02	Outer_Full	77.06	80.43	/	Pass
	3675	Outer_Full	77.28	79.96	/	Pass
	3859.98	Outer_Full	77.64	79.98	/	Pass
DFT-s-OFDM 64 QAM	3490.02	Outer_Full	77.12	80.30	/	Pass
	3675	Outer_Full	77.07	80.08	/	Pass
	3859.98	Outer_Full	77.22	81.70	/	Pass
DFT-s-OFDM 256 QAM	3490.02	Outer_Full	77.13	80.24	/	Pass
	3675	Outer_Full	77.15	80.02	/	Pass
	3859.98	Outer_Full	76.89	79.96	/	Pass
CP-OFDM QPSK	3490.02	Outer_Full	77.50	80.68	/	Pass
	3675	Outer_Full	77.38	80.27	/	Pass
	3859.98	Outer_Full	77.59	80.28	/	Pass
CP-OFDM 16 QAM	3490.02	Outer_Full	77.61	80.56	/	Pass
	3675	Outer_Full	77.31	80.28	/	Pass
	3859.98	Outer_Full	77.53	80.38	/	Pass
CP-OFDM 64 QAM	3490.02	Outer_Full	77.55	80.56	/	Pass
	3675	Outer_Full	77.37	80.17	/	Pass
	3859.98	Outer_Full	77.54	80.36	/	Pass
CP-OFDM 256 QAM	3490.02	Outer_Full	77.47	80.81	/	Pass
	3675	Outer_Full	77.33	80.23	/	Pass
	3859.98	Outer_Full	77.33	80.05	/	Pass

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3.1.9 30_S_90M_NTNV

5G NR n77g SCS=30kHz SISO 90MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3495	Outer_Full	86.72	89.69	/	Pass
	3675	Outer_Full	86.83	89.74	/	Pass
	3855	Outer_Full	86.41	89.59	/	Pass
DFT-s-OFDM QPSK	3495	Outer_Full	86.84	89.75	/	Pass
	3675	Outer_Full	86.54	90.11	/	Pass
	3855	Outer_Full	86.94	89.91	/	Pass
DFT-s-OFDM 16 QAM	3495	Outer_Full	86.83	89.81	/	Pass
	3675	Outer_Full	86.49	89.68	/	Pass
	3855	Outer_Full	87.47	94.15	/	Pass
DFT-s-OFDM 64 QAM	3495	Outer_Full	87.09	89.58	/	Pass
	3675	Outer_Full	87.12	90.21	/	Pass
	3855	Outer_Full	86.73	89.93	/	Pass
DFT-s-OFDM 256 QAM	3495	Outer_Full	86.98	89.68	/	Pass
	3675	Outer_Full	86.41	89.89	/	Pass
	3855	Outer_Full	86.83	89.82	/	Pass
CP-OFDM QPSK	3495	Outer_Full	87.21	90.48	/	Pass
	3675	Outer_Full	87.46	90.31	/	Pass
	3855	Outer_Full	87.38	90.36	/	Pass
CP-OFDM 16 QAM	3495	Outer_Full	87.70	90.47	/	Pass
	3675	Outer_Full	87.35	90.54	/	Pass
	3855	Outer_Full	87.13	90.31	/	Pass
CP-OFDM 64 QAM	3495	Outer_Full	87.31	90.53	/	Pass
	3675	Outer_Full	87.51	90.30	/	Pass
	3855	Outer_Full	87.15	90.26	/	Pass
CP-OFDM 256 QAM	3495	Outer_Full	87.47	90.47	/	Pass
	3675	Outer_Full	87.67	90.41	/	Pass
	3855	Outer_Full	87.39	90.55	/	Pass

3.1.10 30_S_100M_NTNV

5G NR n77g SCS=30kHz SISO 100MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3500.01	Outer_Full	96.16	99.40	/	Pass
	3675	Outer_Full	96.57	99.39	/	Pass
	3849.99	Outer_Full	96.28	99.54	/	Pass
DFT-s-OFDM QPSK	3500.01	Outer_Full	96.28	99.40	/	Pass
	3675	Outer_Full	95.88	99.30	/	Pass
	3849.99	Outer_Full	96.38	99.35	/	Pass
DFT-s-OFDM 16 QAM	3500.01	Outer_Full	96.52	99.78	/	Pass
	3675	Outer_Full	96.36	99.51	/	Pass
	3849.99	Outer_Full	96.61	99.58	/	Pass
DFT-s-OFDM 64 QAM	3500.01	Outer_Full	96.58	99.52	/	Pass
	3675	Outer_Full	95.89	98.94	/	Pass
	3849.99	Outer_Full	96.11	99.48	/	Pass
DFT-s-OFDM 256 QAM	3500.01	Outer_Full	96.55	99.28	/	Pass
	3675	Outer_Full	96.04	99.34	/	Pass
	3849.99	Outer_Full	96.63	99.46	/	Pass
CP-OFDM QPSK	3500.01	Outer_Full	97.48	102.44	/	Pass
	3675	Outer_Full	97.77	102.38	/	Pass
	3849.99	Outer_Full	97.80	102.27	/	Pass
CP-OFDM 16 QAM	3500.01	Outer_Full	97.51	101.96	/	Pass
	3675	Outer_Full	97.85	102.23	/	Pass
	3849.99	Outer_Full	97.50	102.52	/	Pass
CP-OFDM 64 QAM	3500.01	Outer_Full	97.53	102.58	/	Pass
	3675	Outer_Full	97.25	102.26	/	Pass

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	3849.99	Outer_Full	97.60	102.37	/	Pass
CP-OFDM 256 QAM	3500.01	Outer_Full	97.70	102.88	/	Pass
	3675	Outer_Full	97.56	102.50	/	Pass
	3849.99	Outer_Full	97.65	102.19	/	Pass

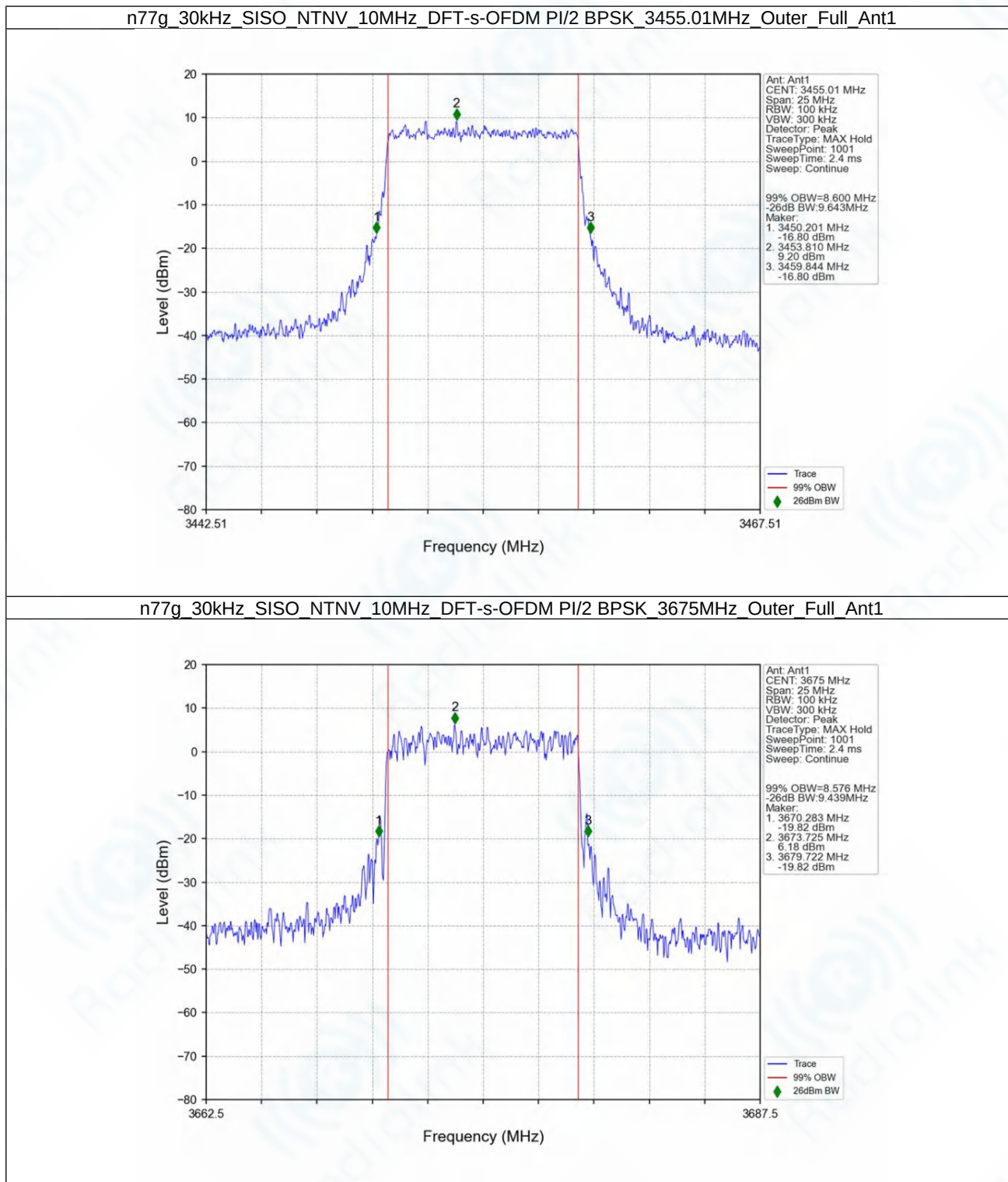


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3.2 Test Graph

3.2.1 30_S_10M_NTNV

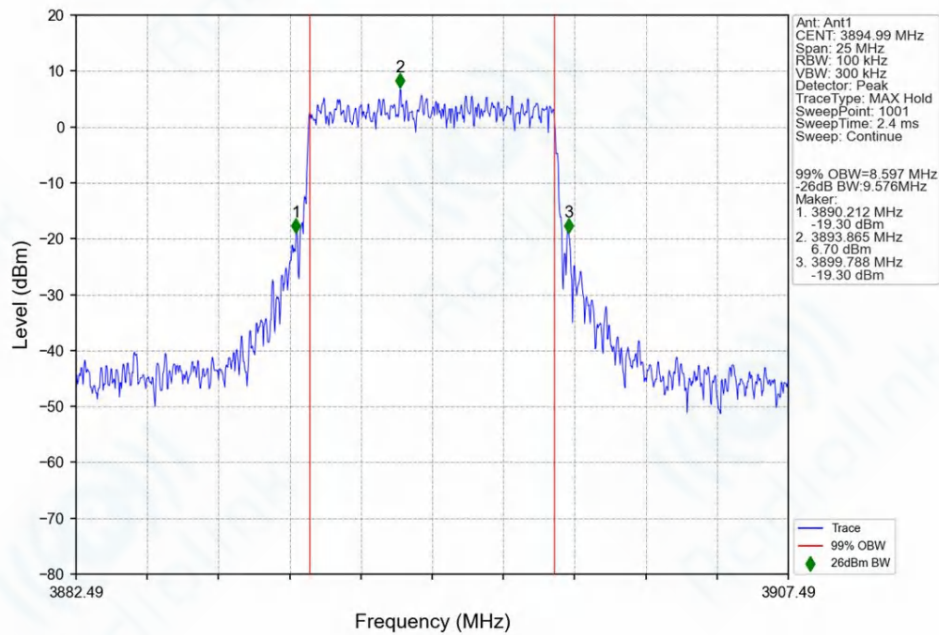


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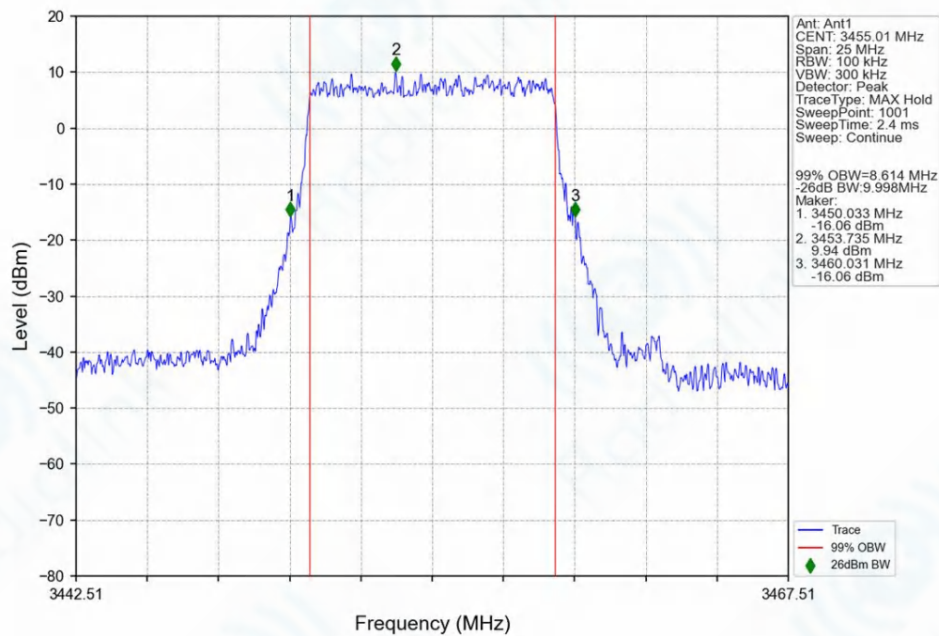
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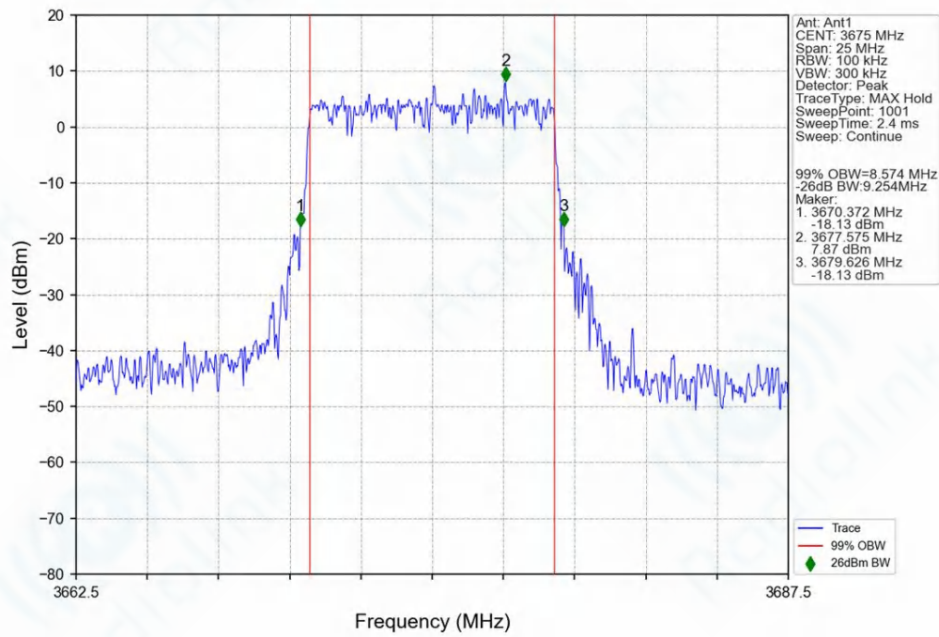


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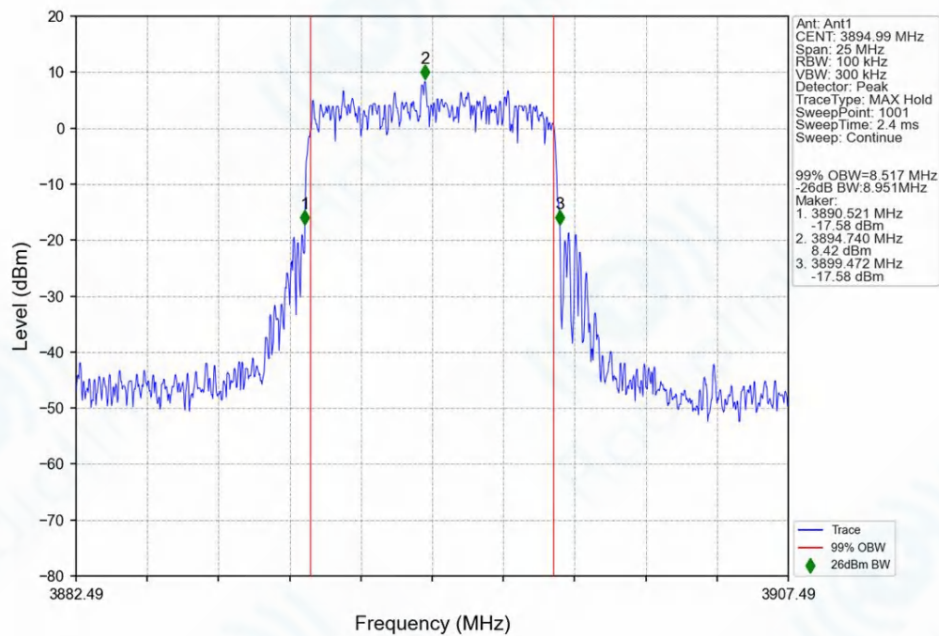

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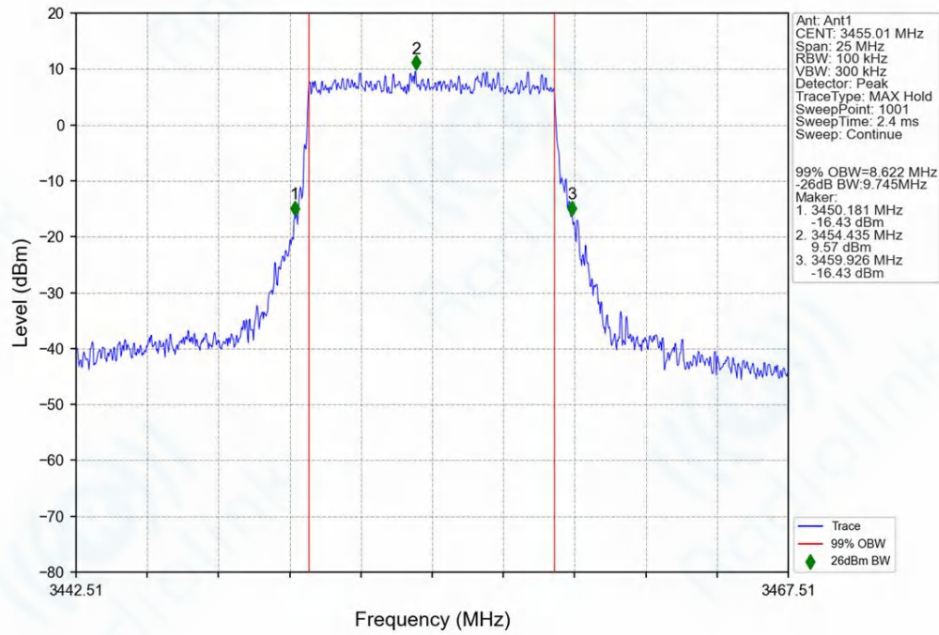


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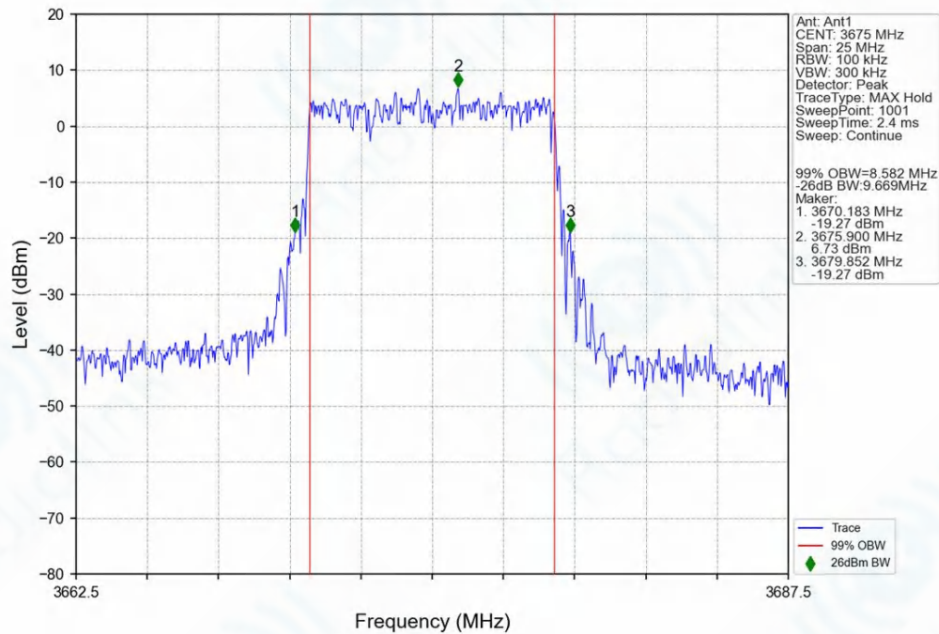

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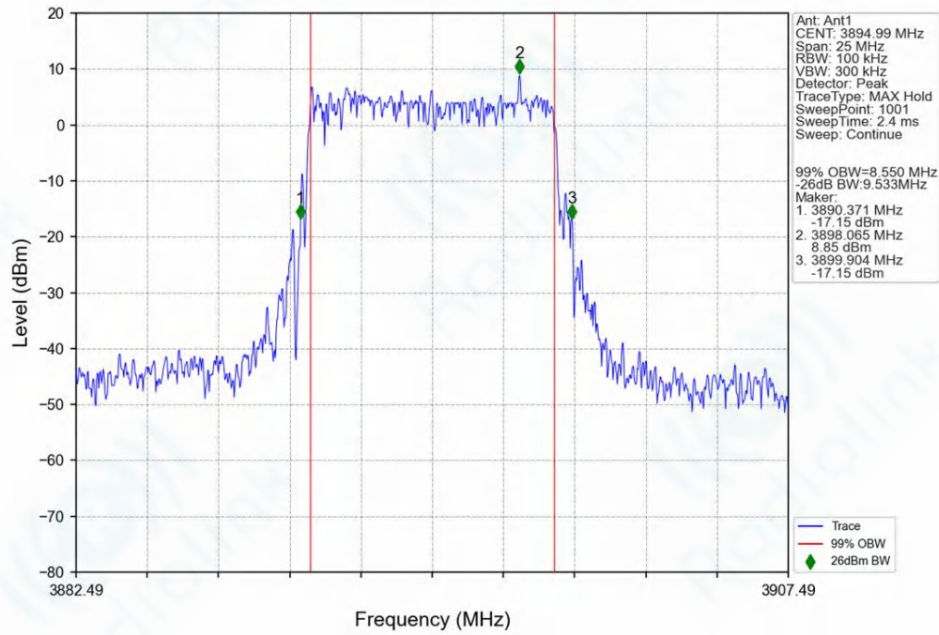
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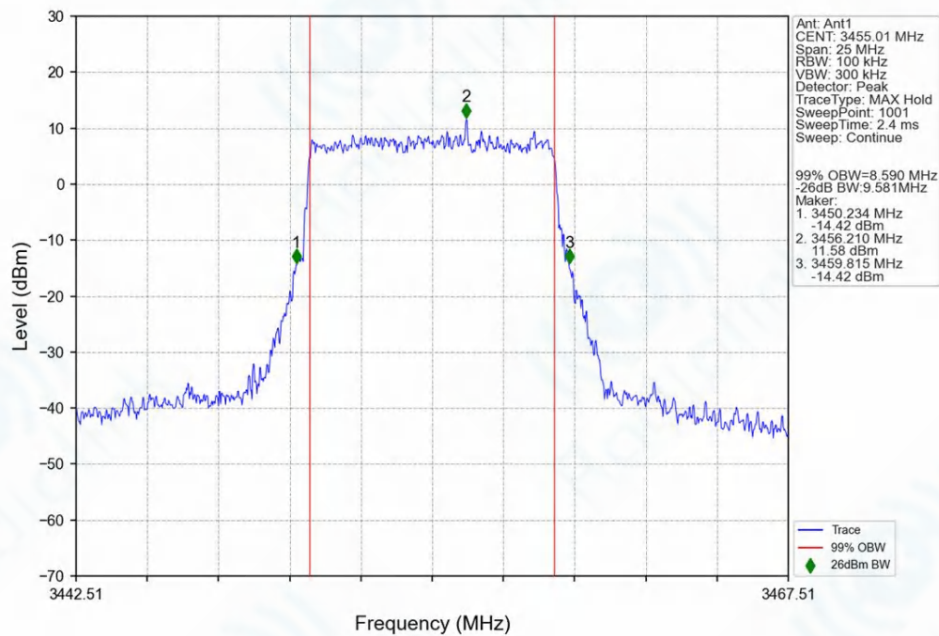
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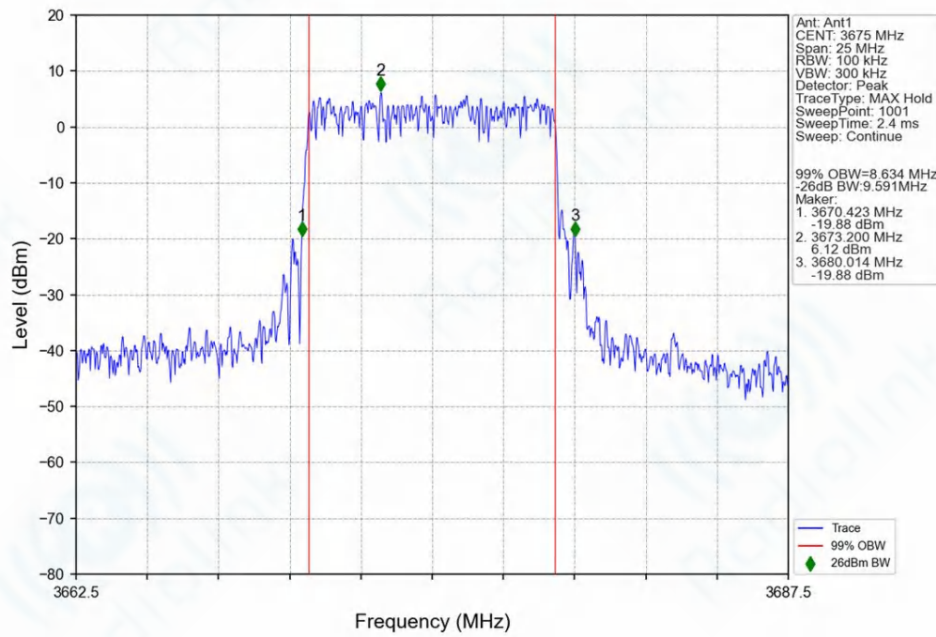
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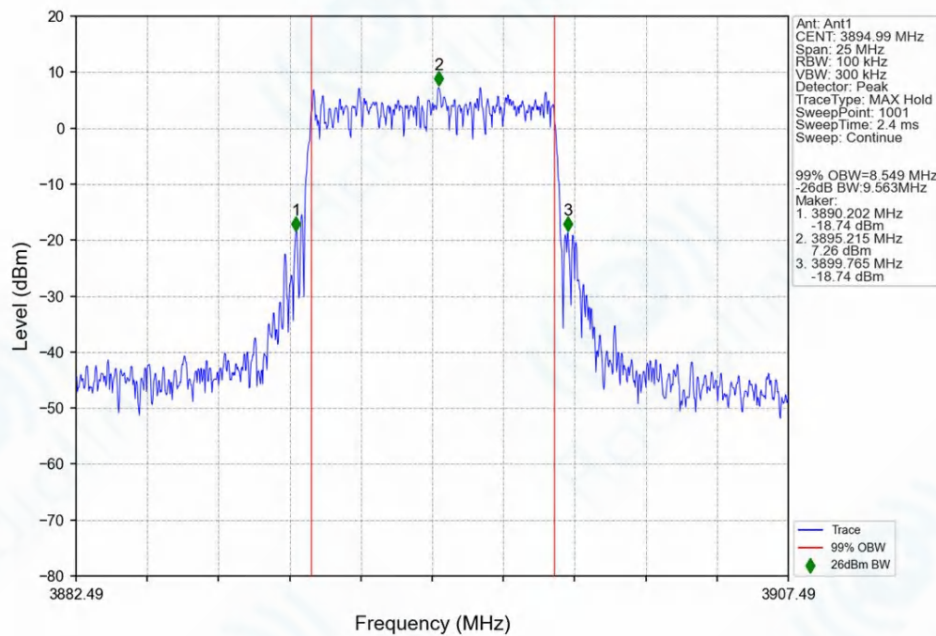
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n77g_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_3675MHz_Outer_Full_Ant1

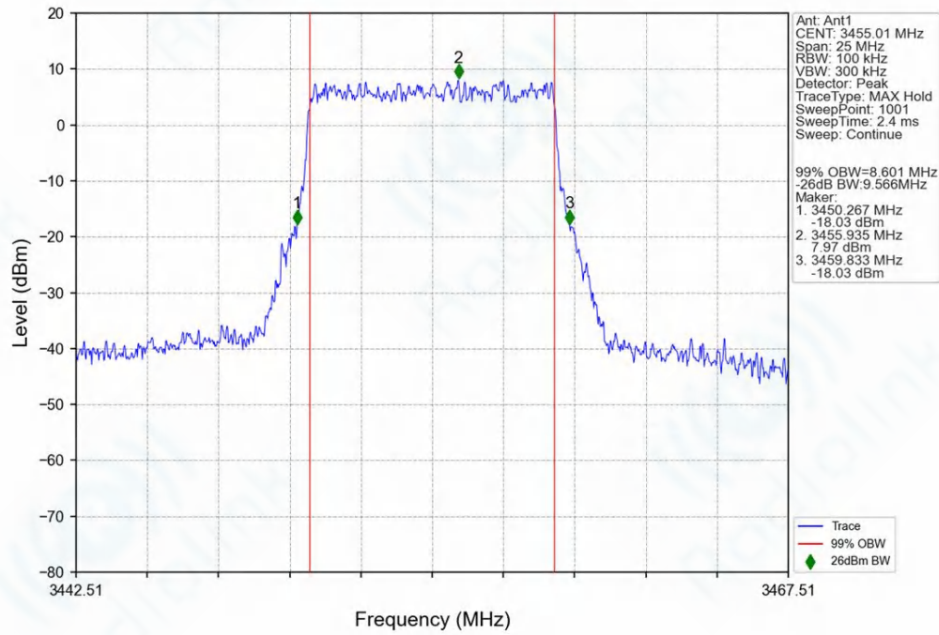


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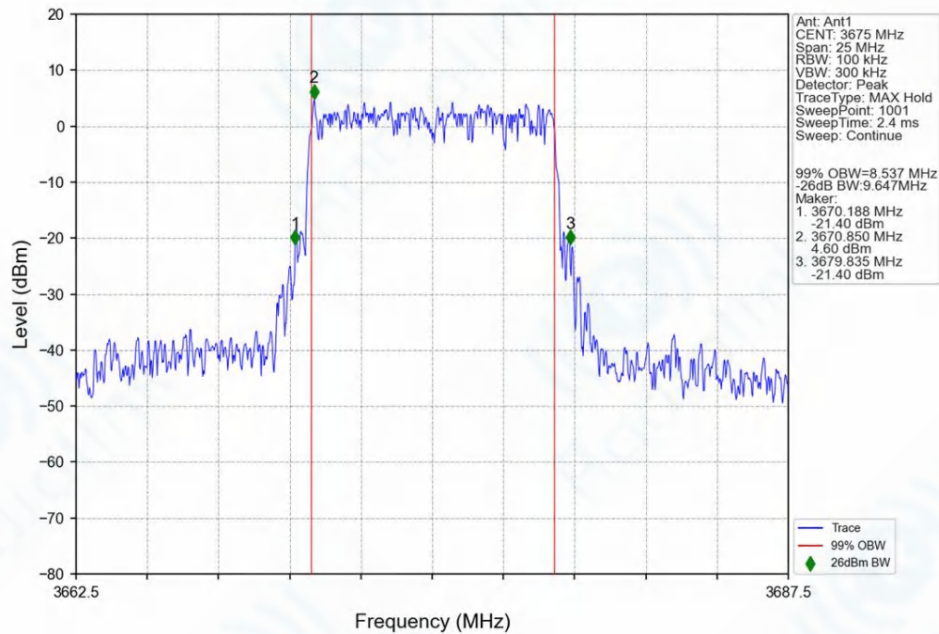

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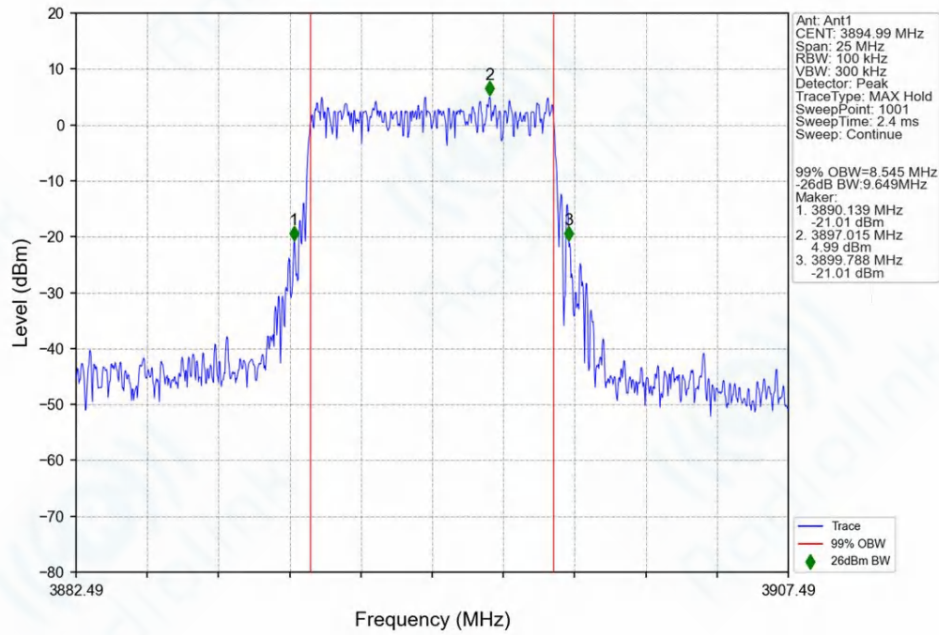


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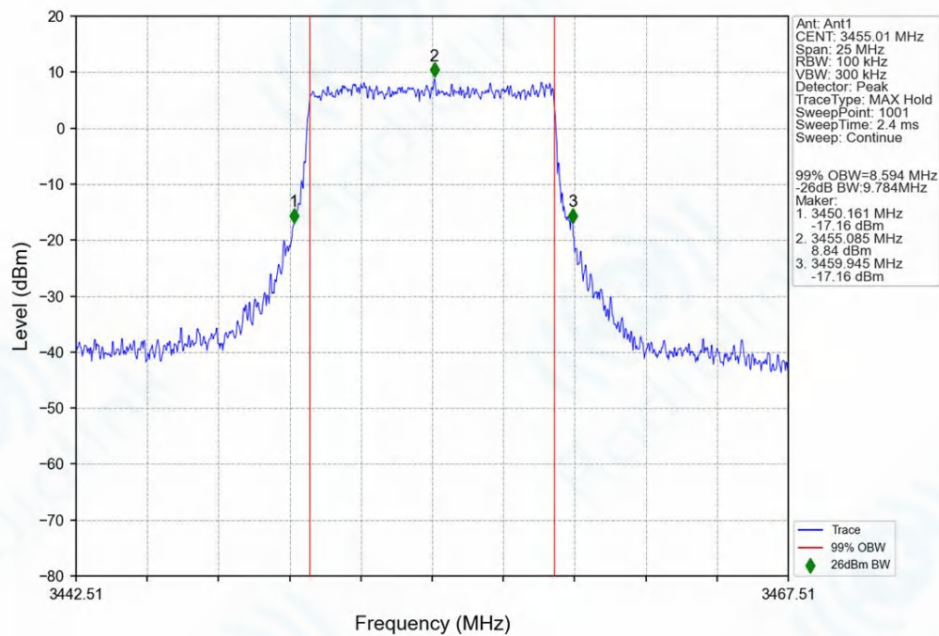

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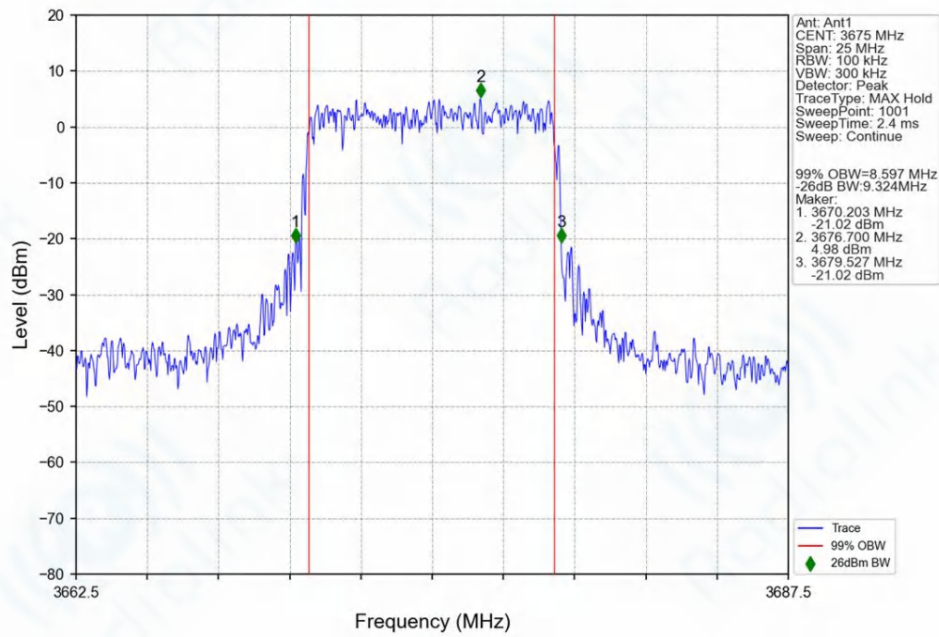
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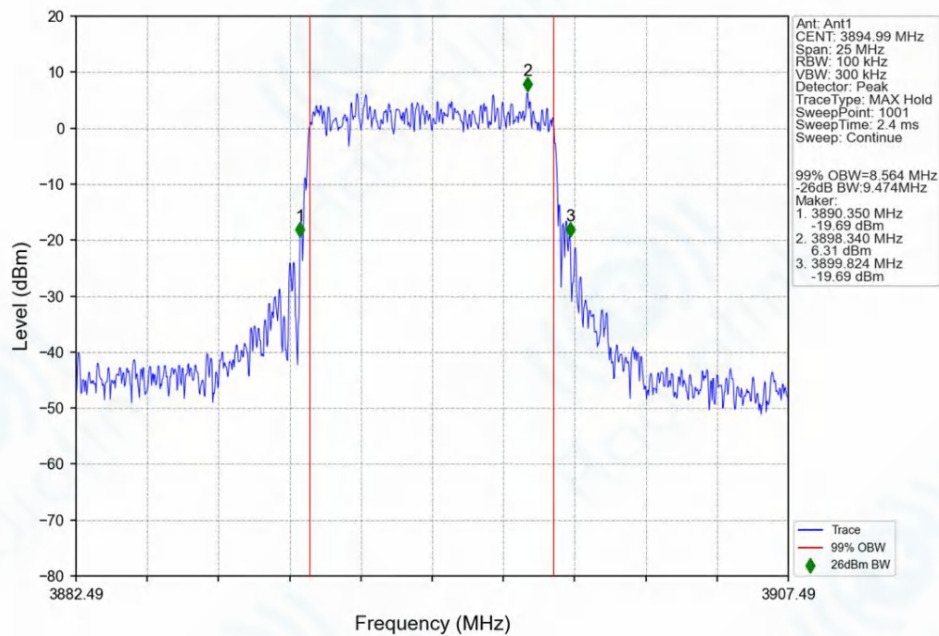
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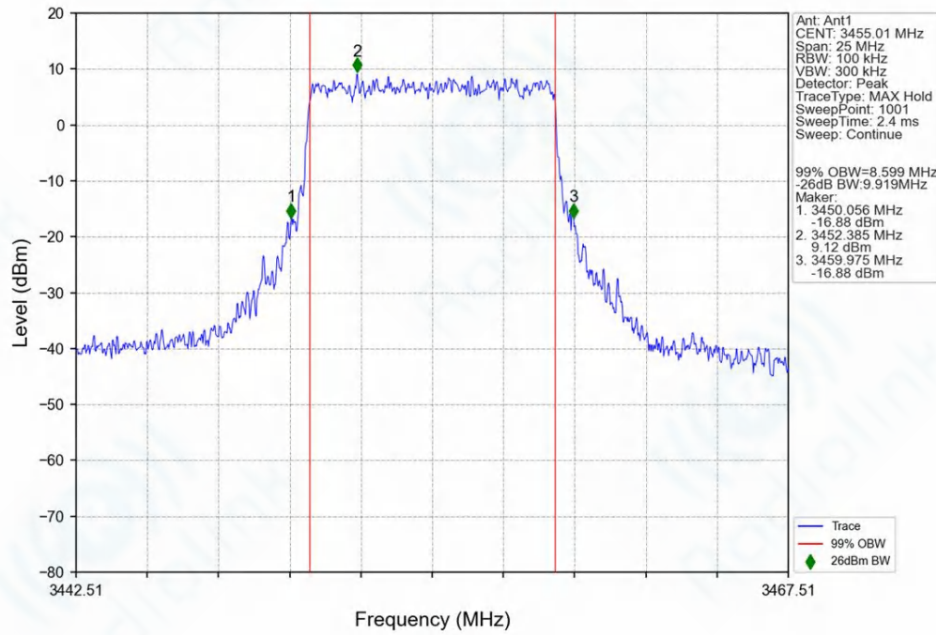


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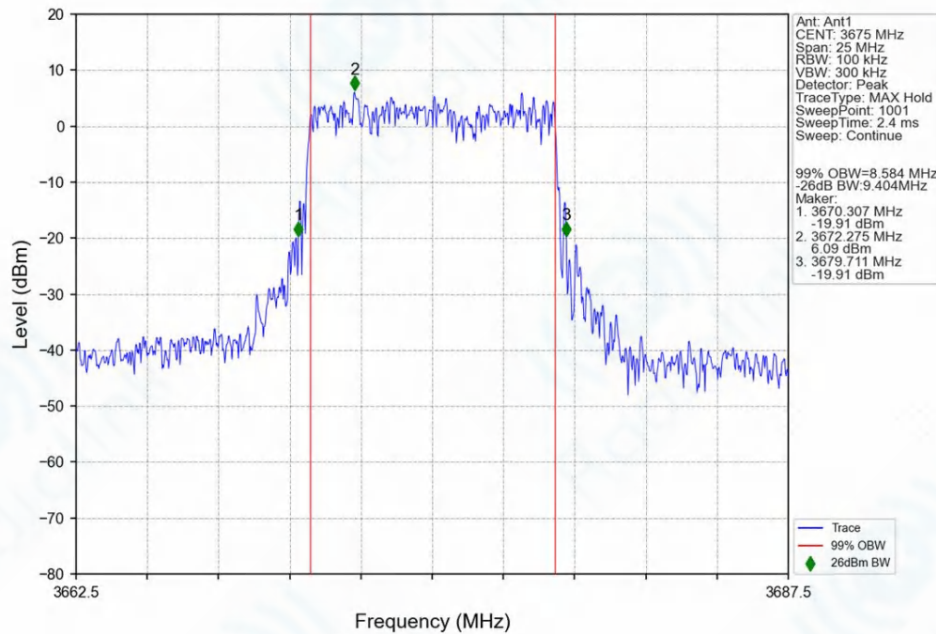

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n77g_30kHz_SISO_NTNV_10MHz_CP-OFDM_16_QAM_3455.01MHz_Outer_Full_Ant1



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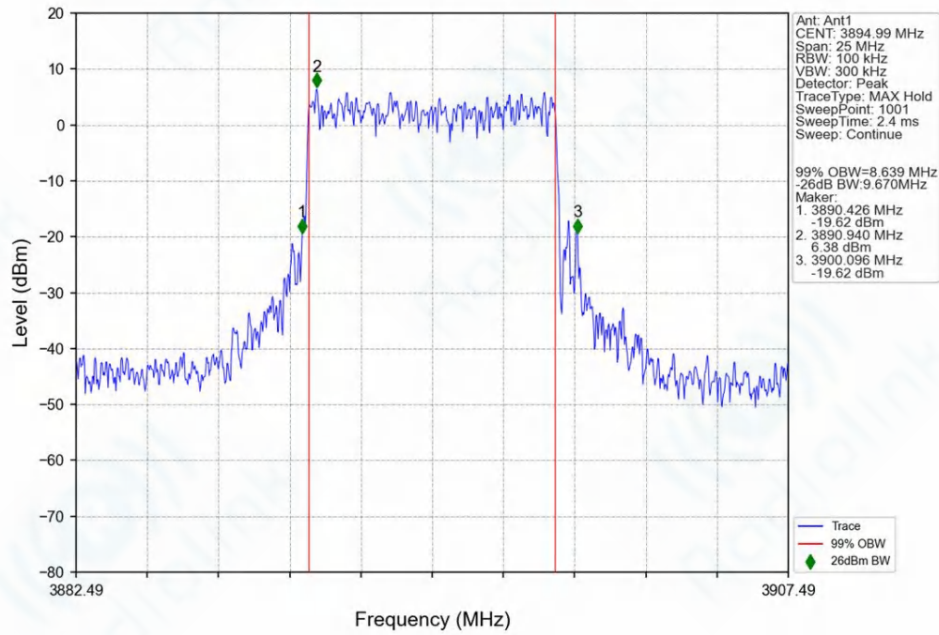


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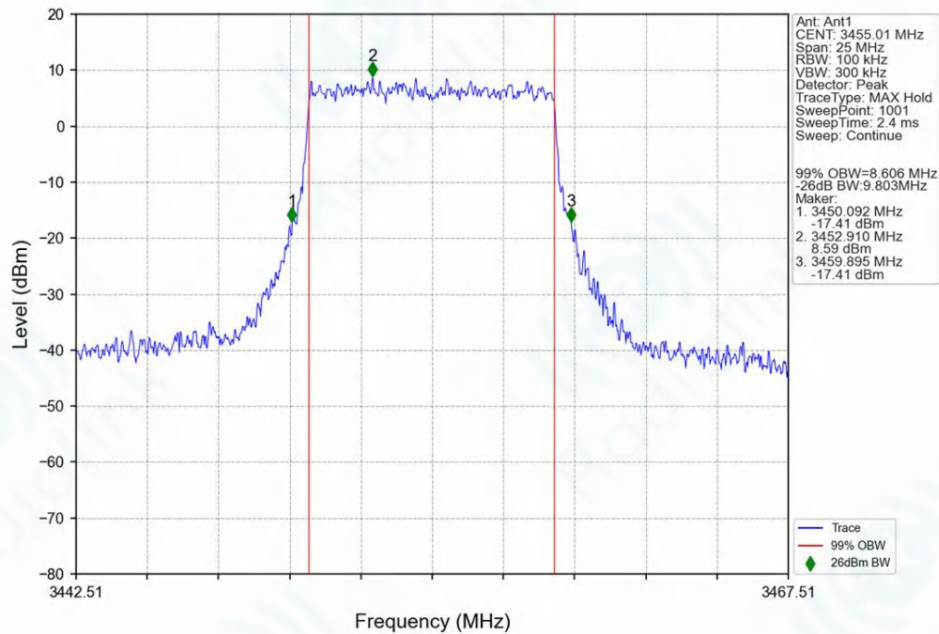
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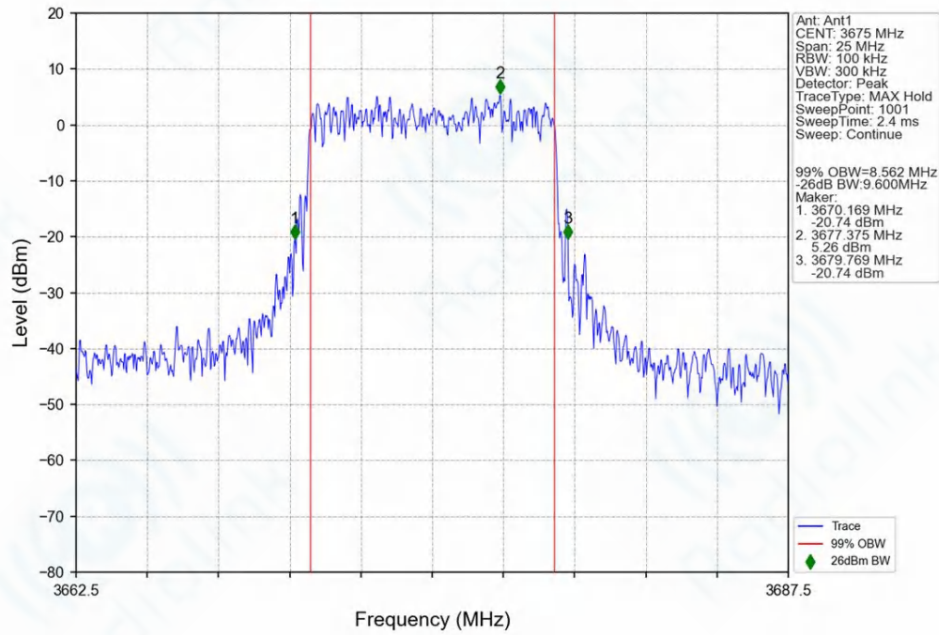
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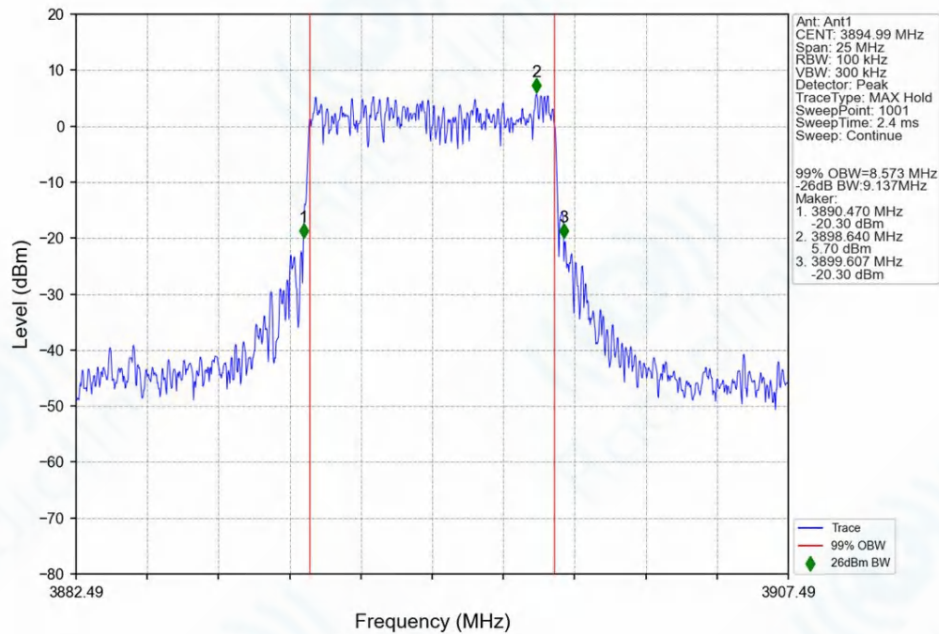
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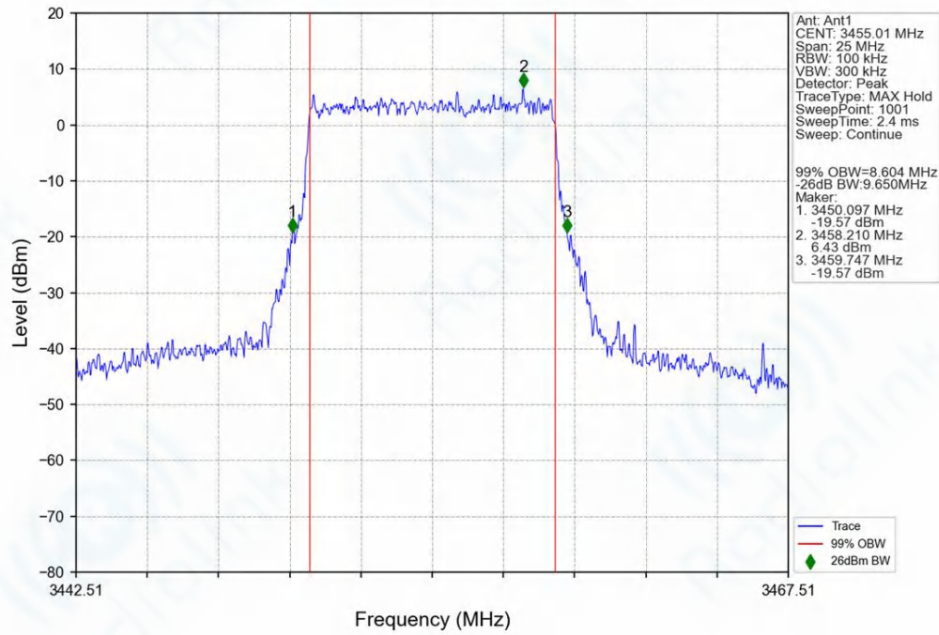


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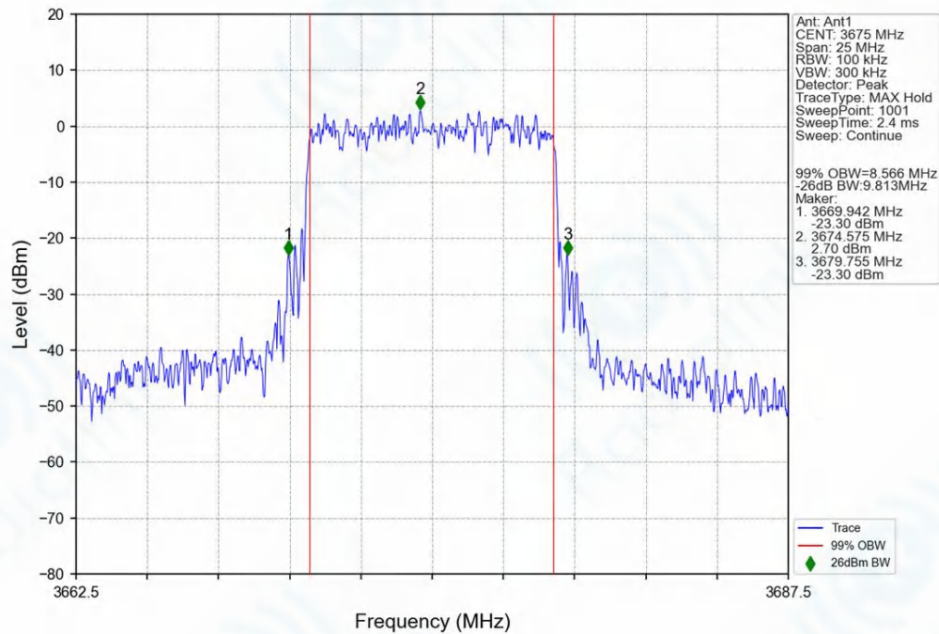

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n77g_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3455.01MHz_Outer_Full_Ant1



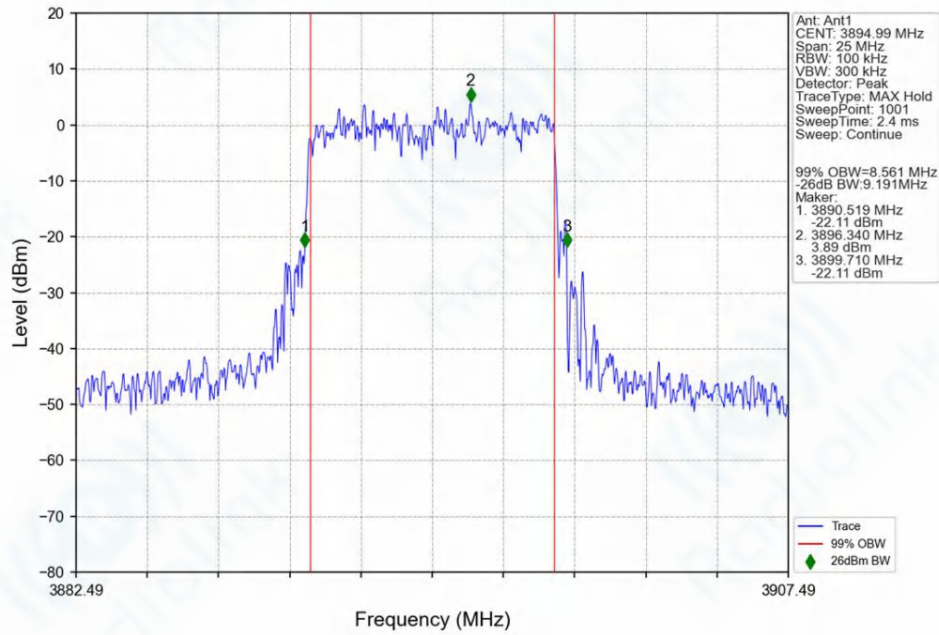
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Radiolink Testing (Shenzhen) Co., Ltd.

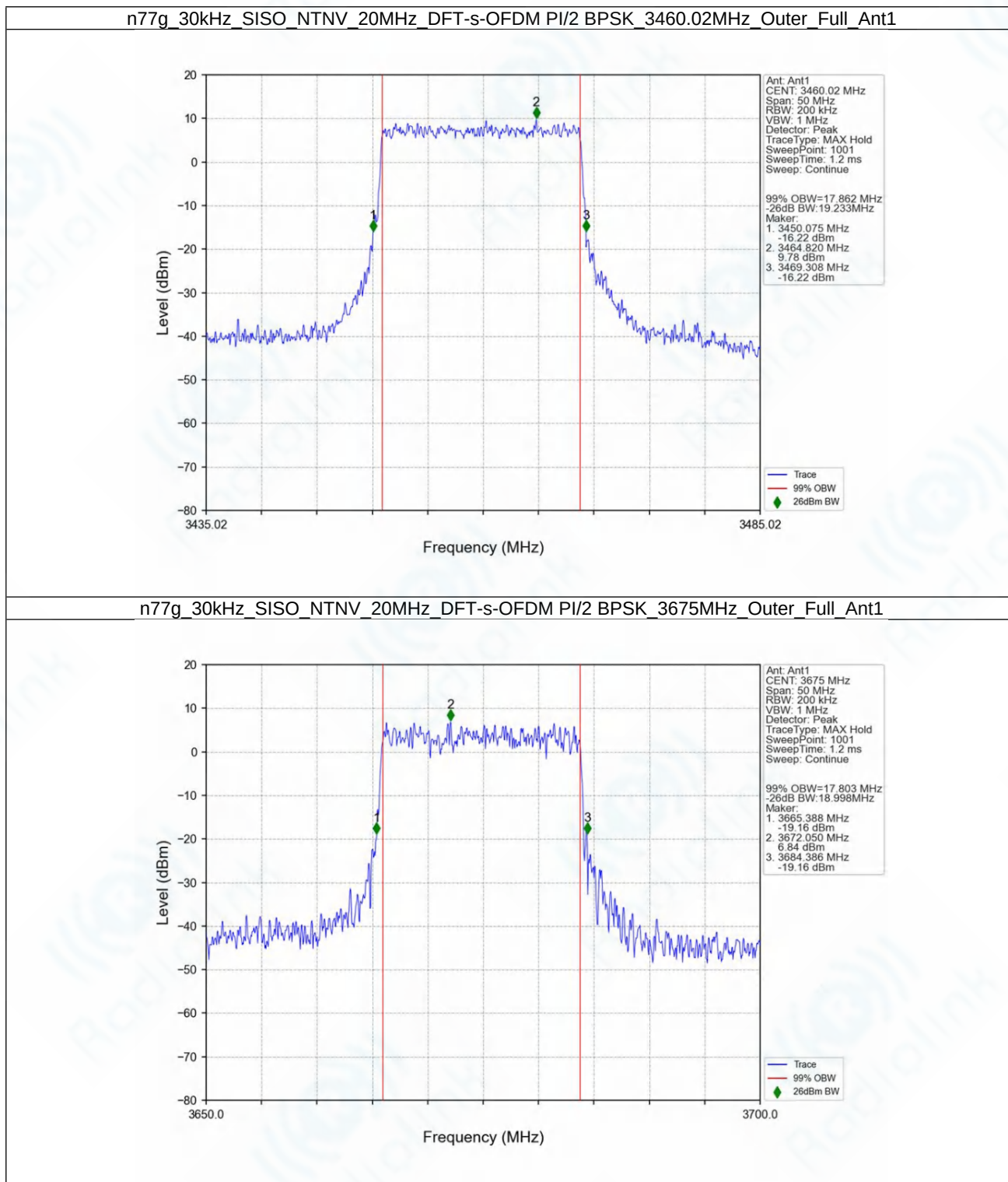
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

n77g_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_3894.99MHz_Outer_Full_Ant1



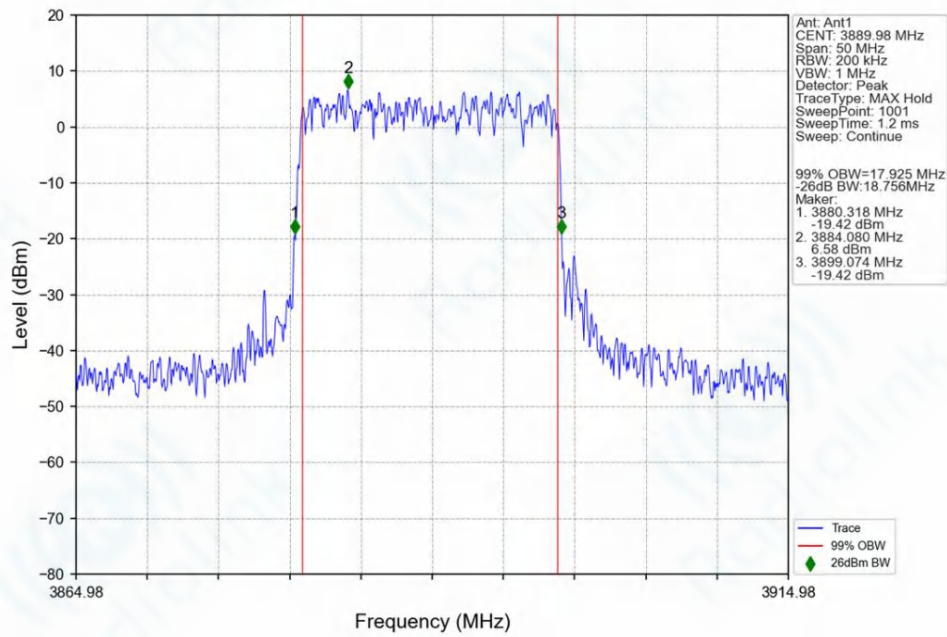
3.2.2 30_S_20M_NTNV



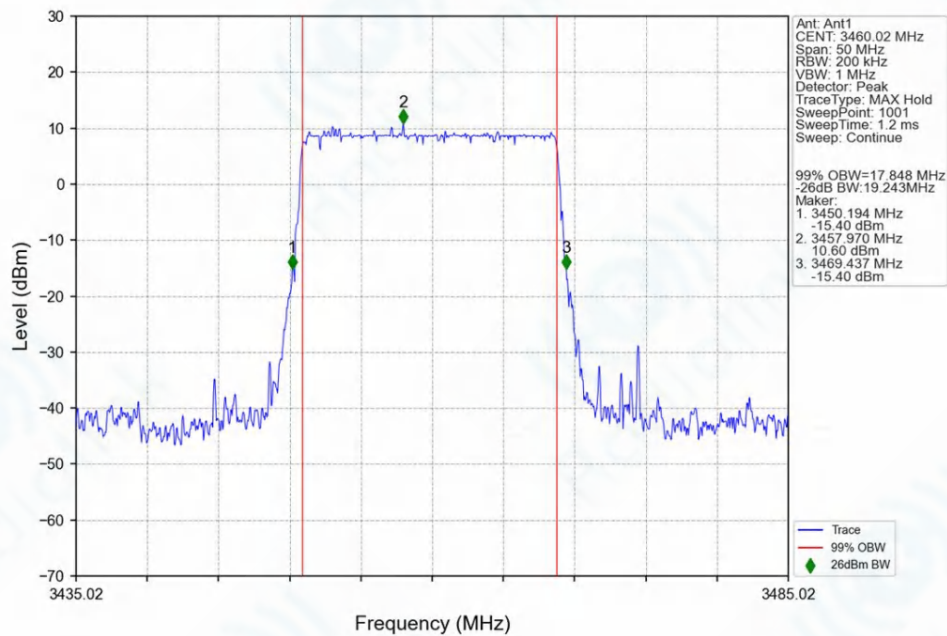
Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

n77g_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3889.98MHz_Outer_Full_Ant1



n77g_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM QPSK_3460.02MHz_Outer_Full_Ant1

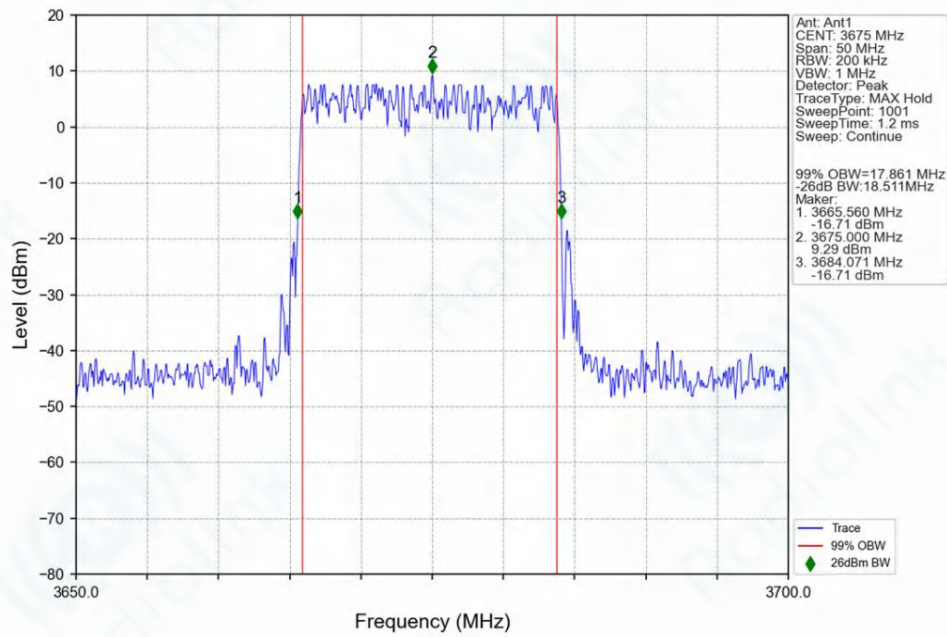


Radiolink Testing (Shenzhen) Co., Ltd.

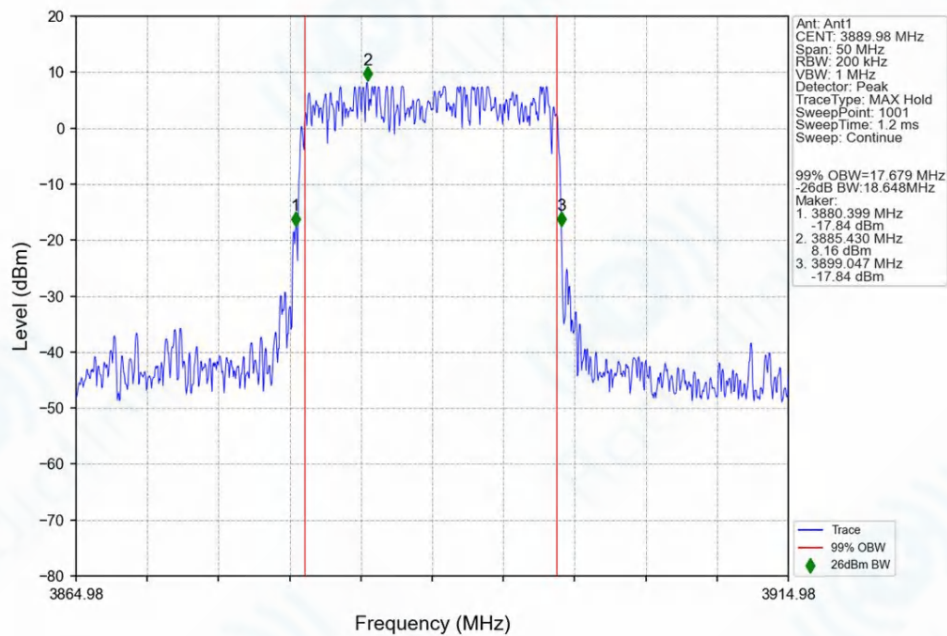
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

n77g_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3675MHz_Outer_Full_Ant1



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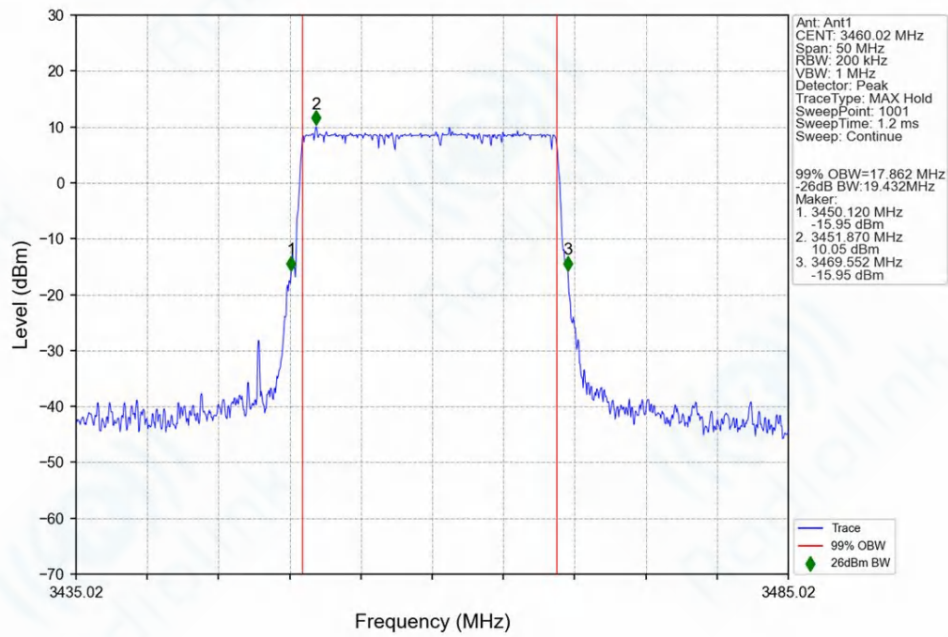


Radiolink Testing (Shenzhen) Co., Ltd.

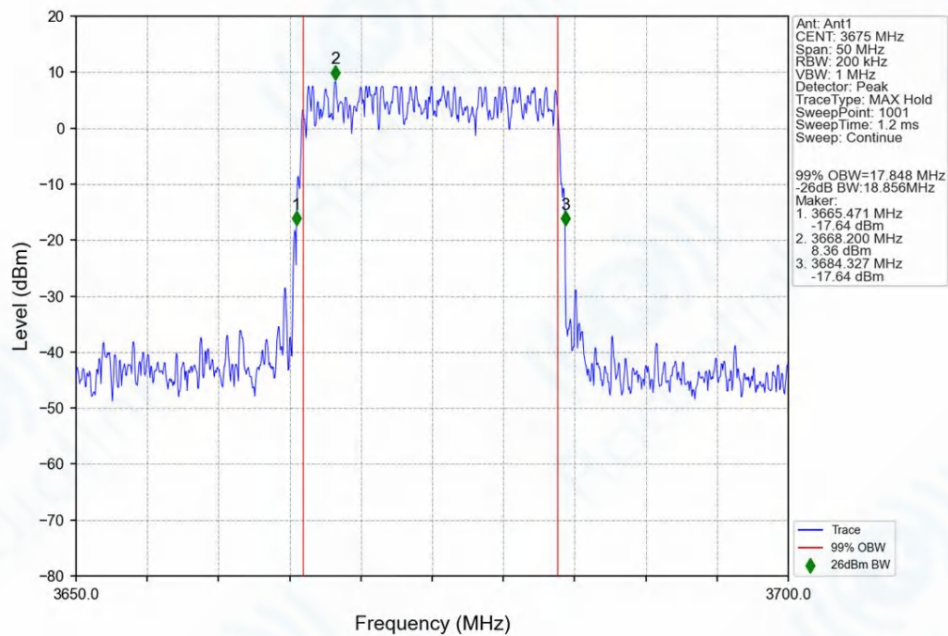
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

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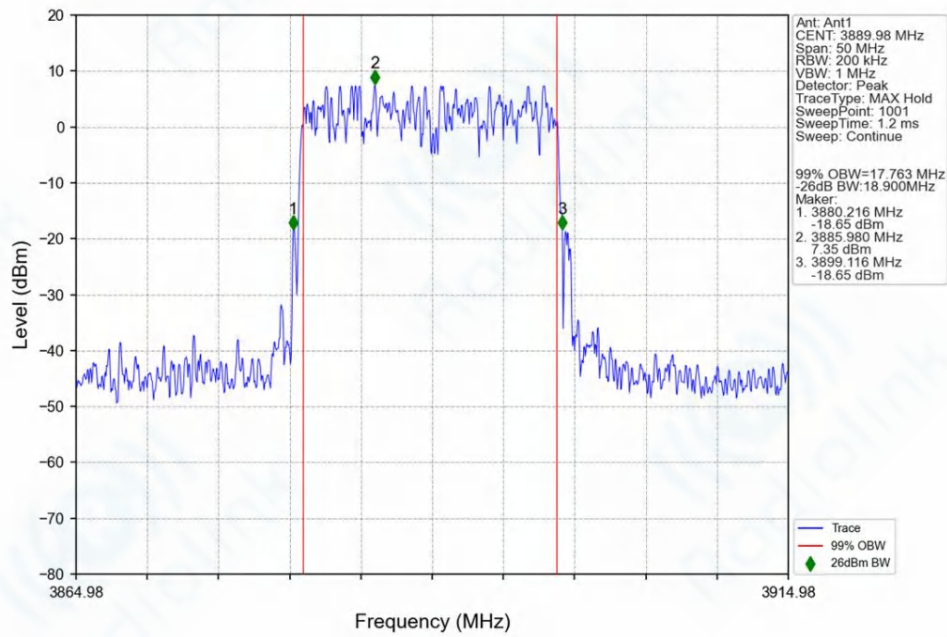


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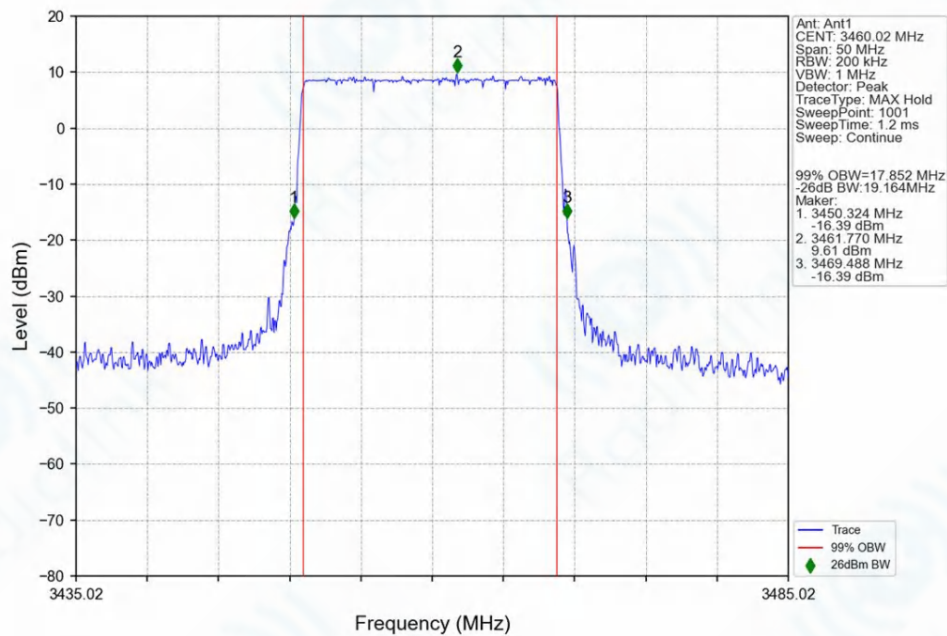

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n77g_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_16_QAM_3889.98MHz_Outer_Full_Ant1

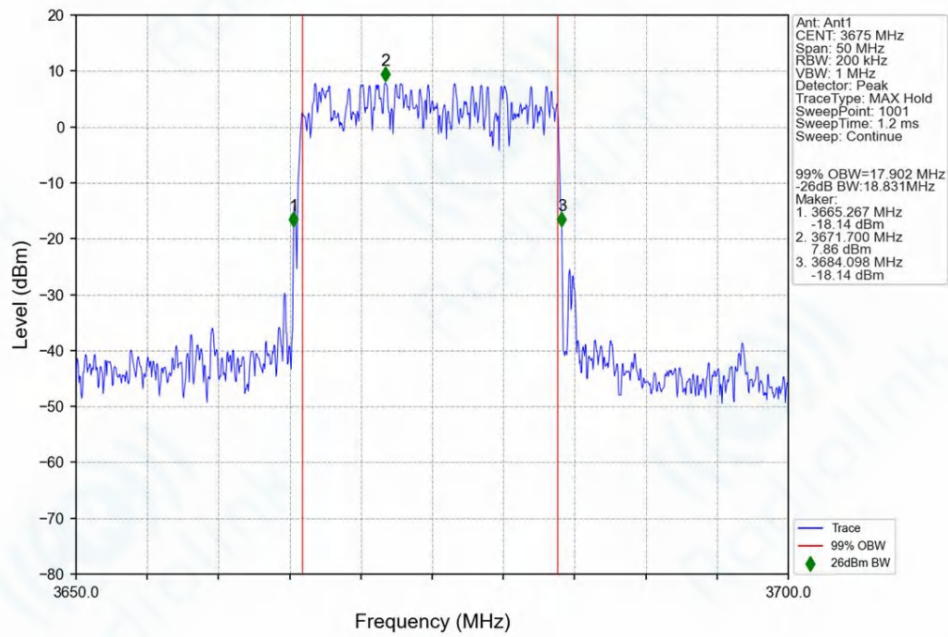


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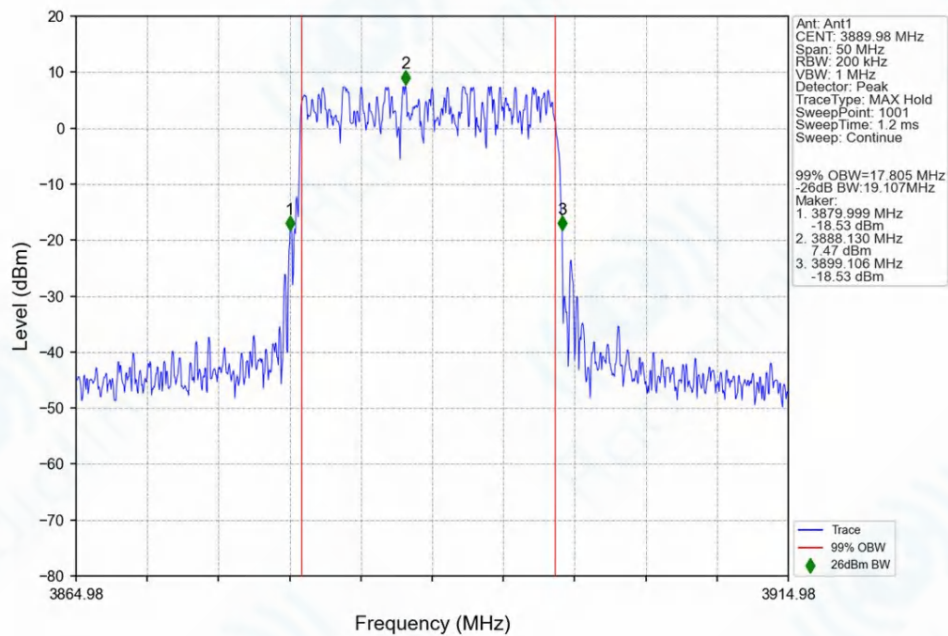

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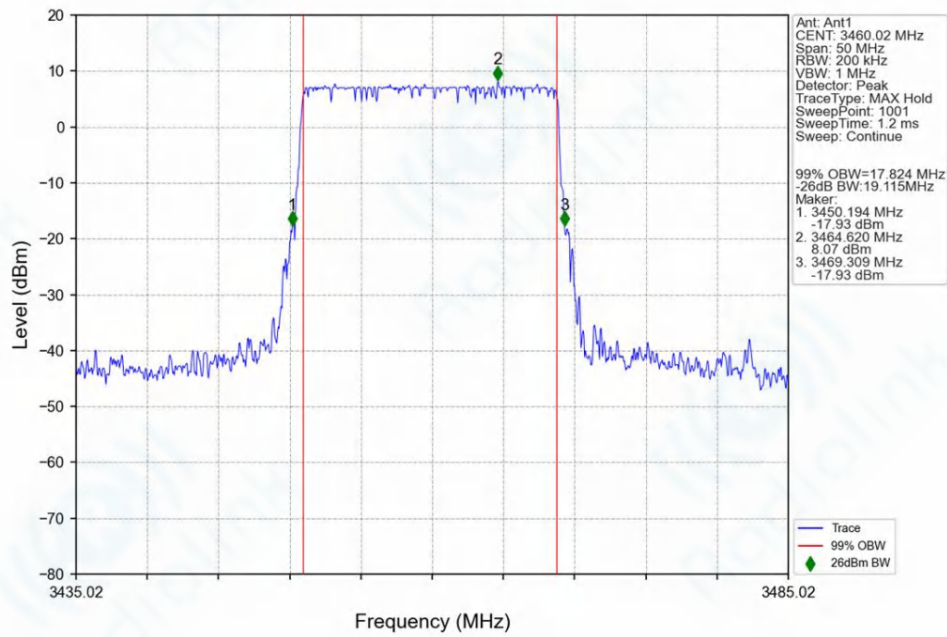
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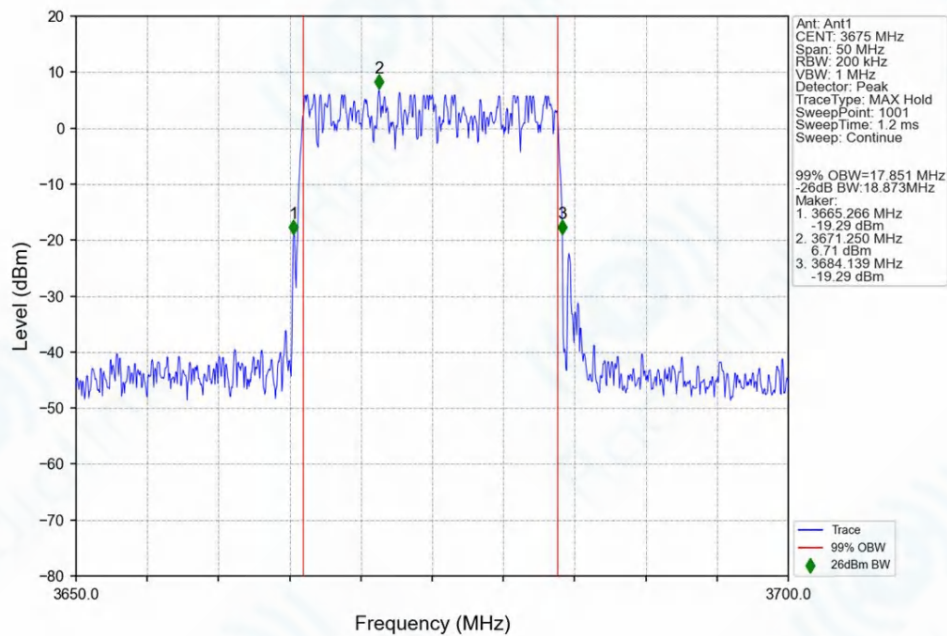
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n77g_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_256_QAM_3460.02MHz_Outer_Full_Ant1



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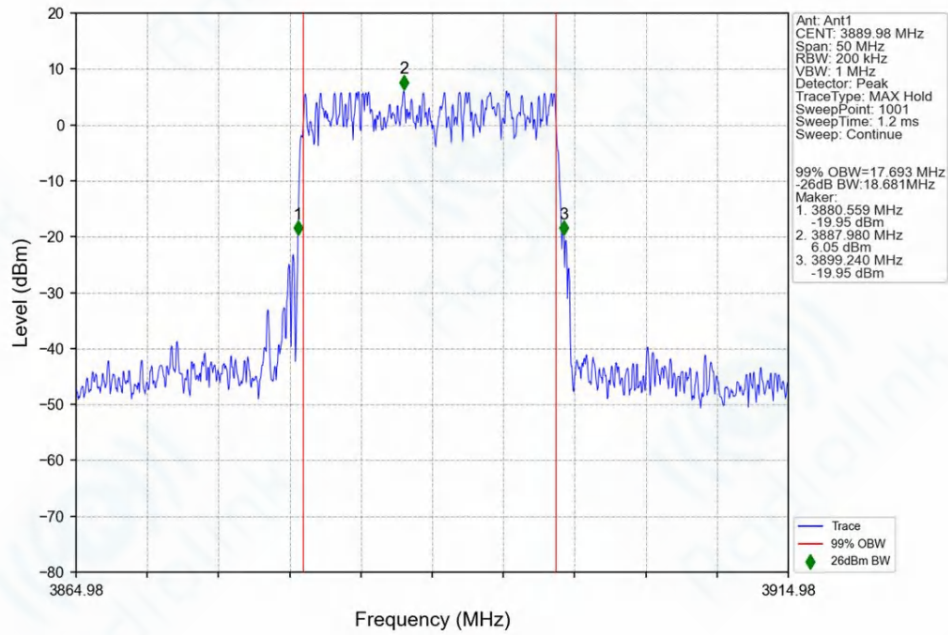


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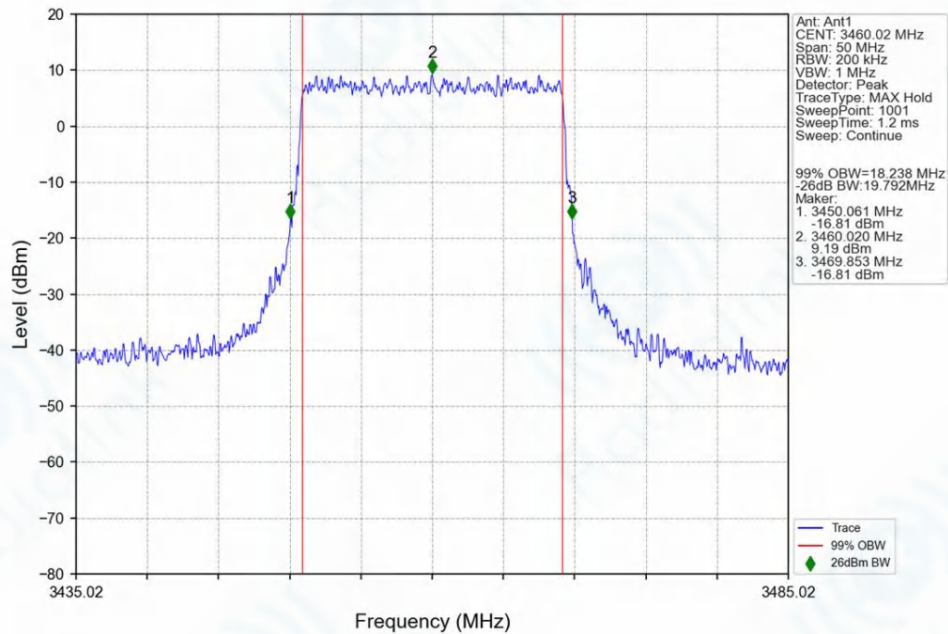
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

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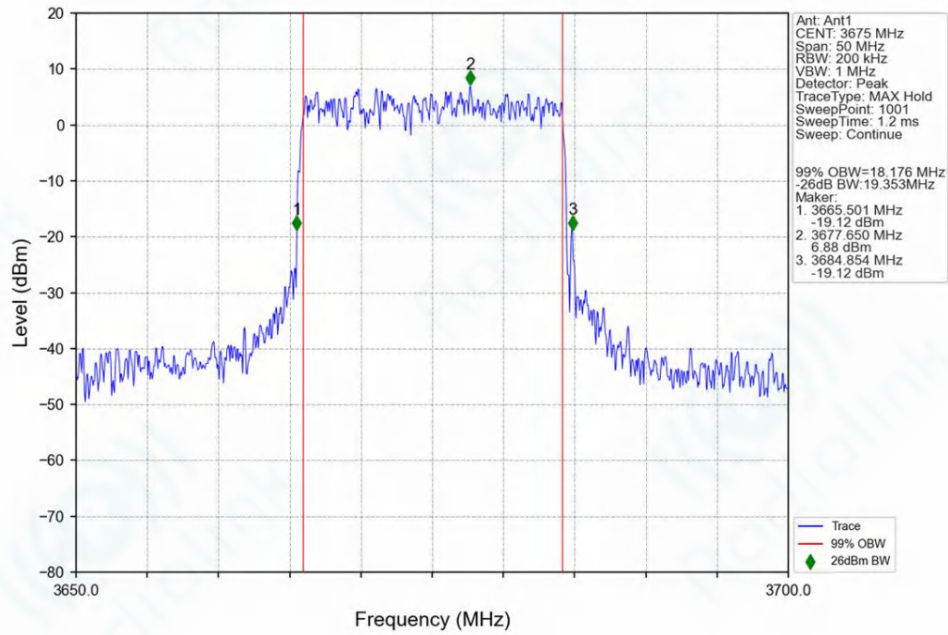
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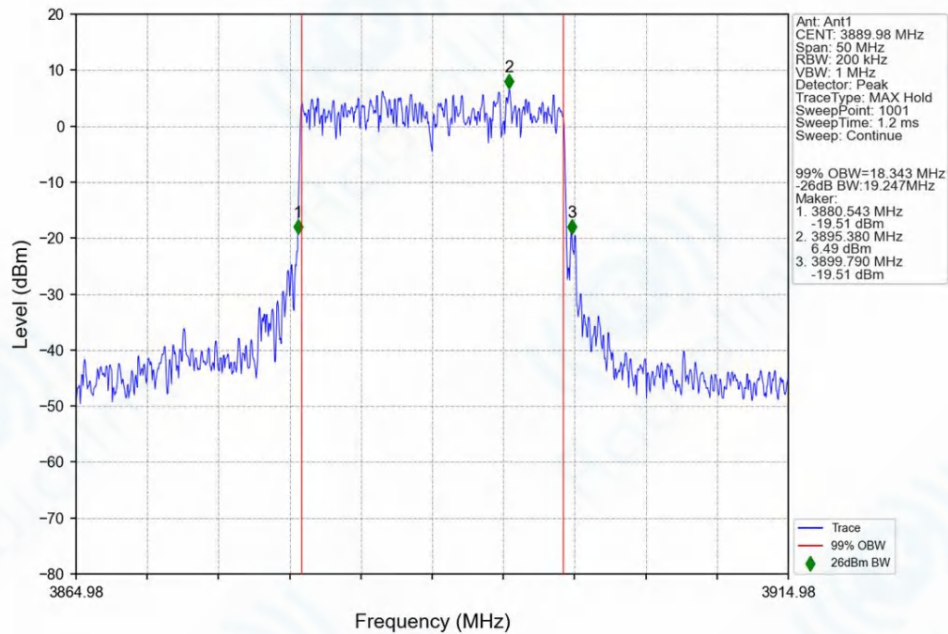
Radiolink Testing (Shenzhen) Co., Ltd.

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Tel: +86 0755 23080694

n77g_30kHz_SISO_NTNV_20MHz_CP-OFDM_QPSK_3675MHz_Outer_Full_Ant1



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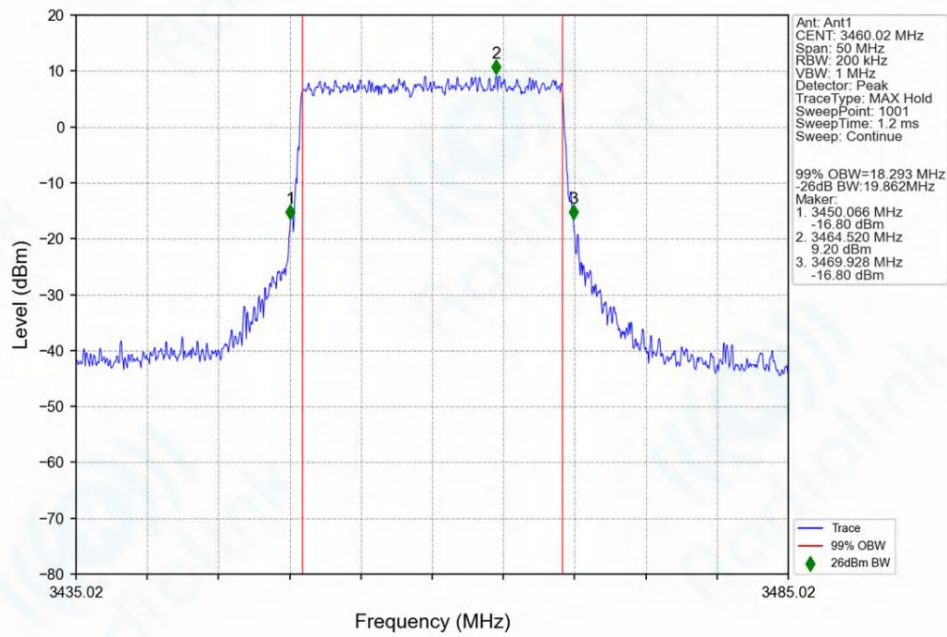


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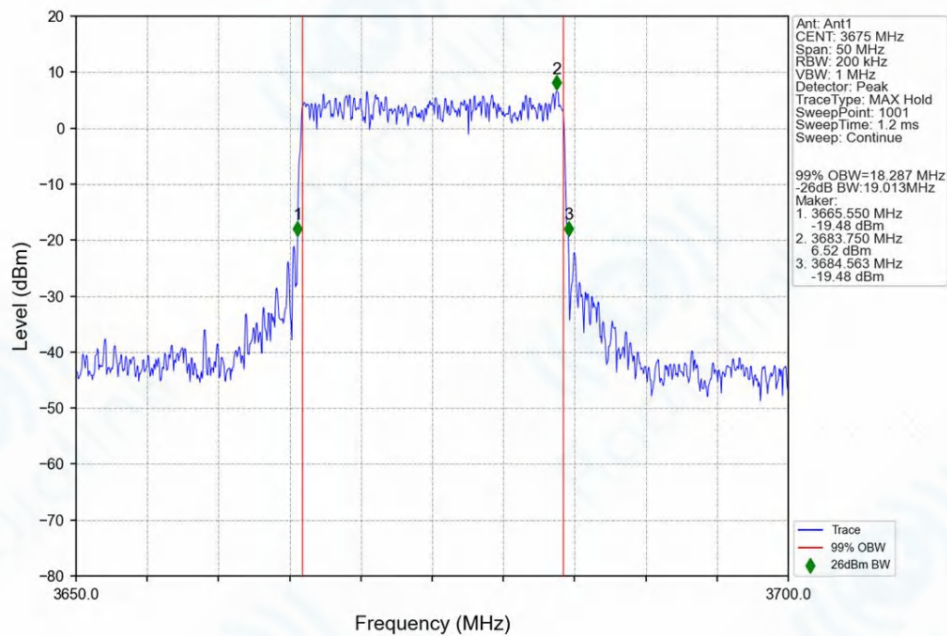
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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n77g_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3460.02MHz_Outer_Full_Ant1

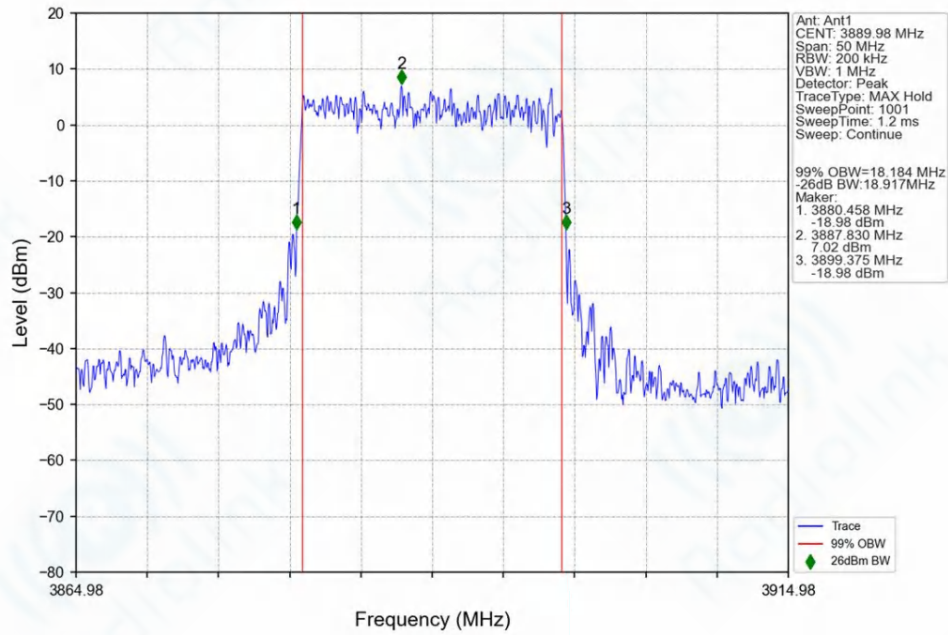


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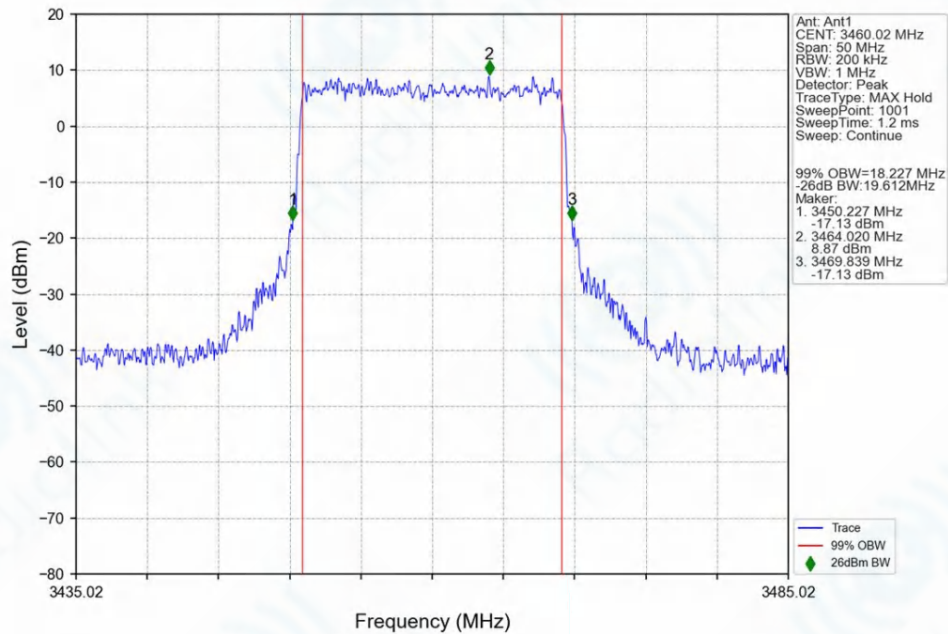

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n77g_30kHz_SISO_NTNV_20MHz_CP-OFDM_16_QAM_3889.98MHz_Outer_Full_Ant1



n77g_30kHz_SISO_NTNV_20MHz_CP-OFDM_64_QAM_3460.02MHz_Outer_Full_Ant1

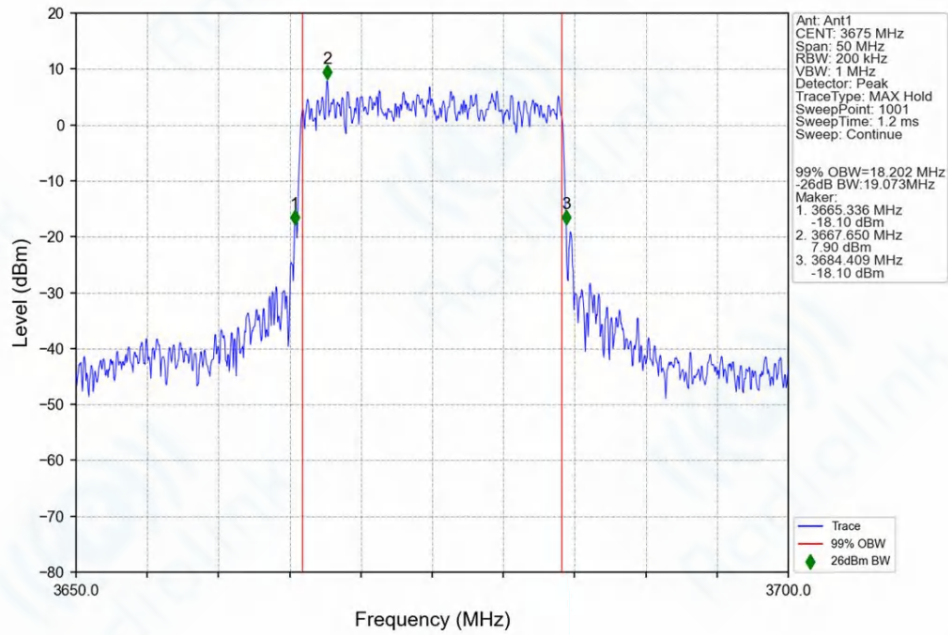


Radiolink Testing (Shenzhen) Co., Ltd.

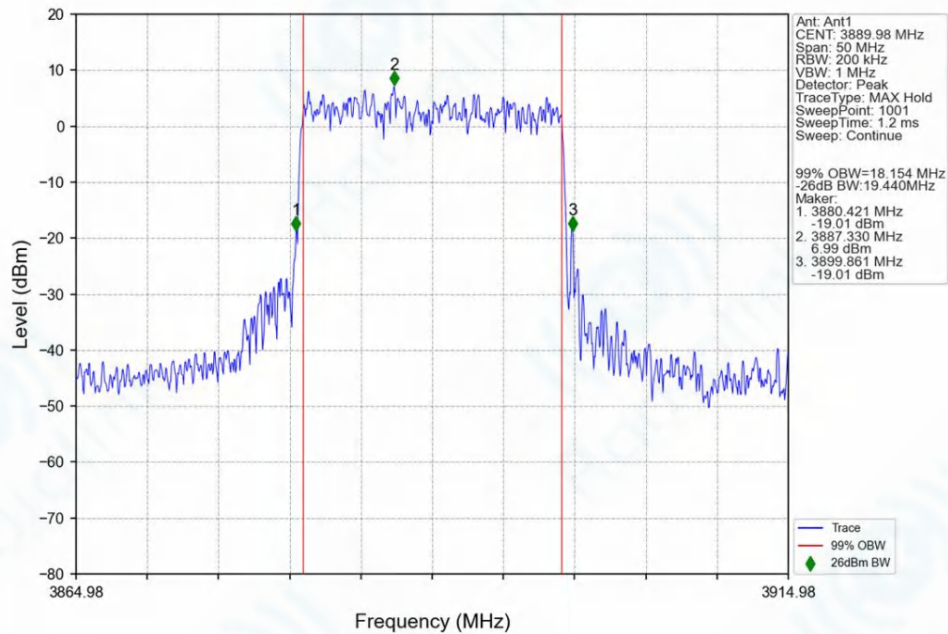
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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n77g_30kHz_SISO_NTNV_20MHz_CP-OFDM 64 QAM 3675MHz_Outer_Full_Ant1



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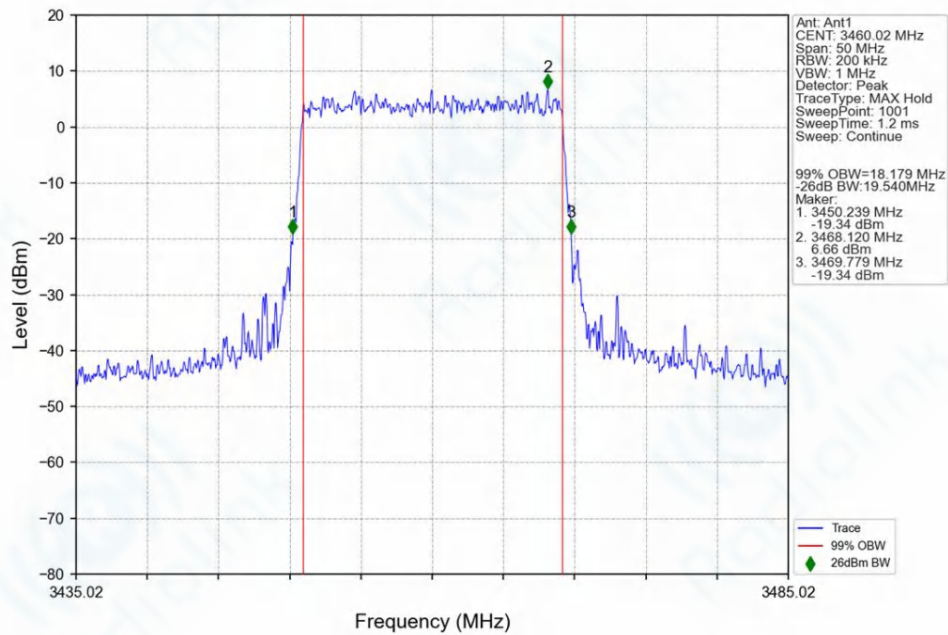


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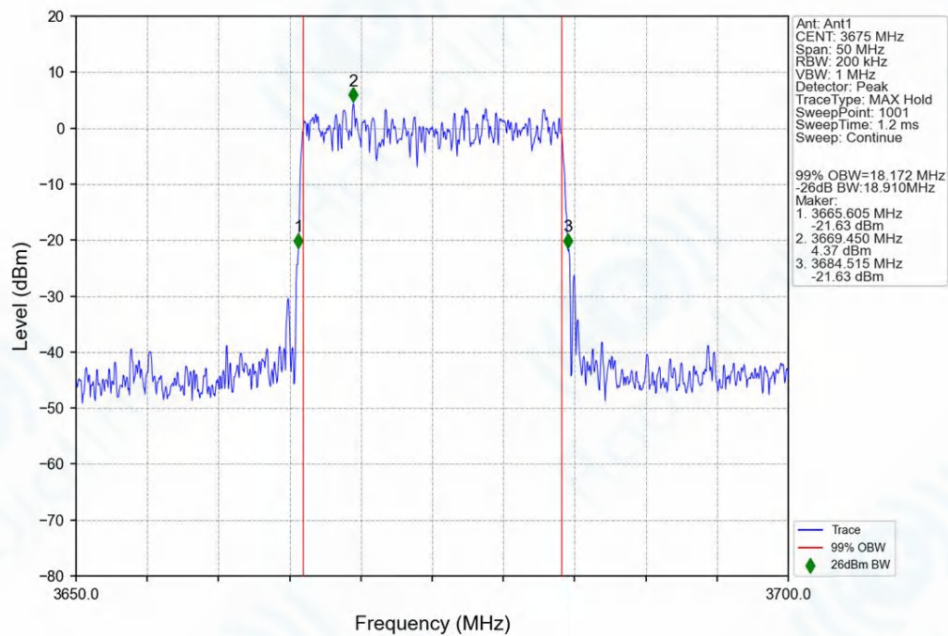
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

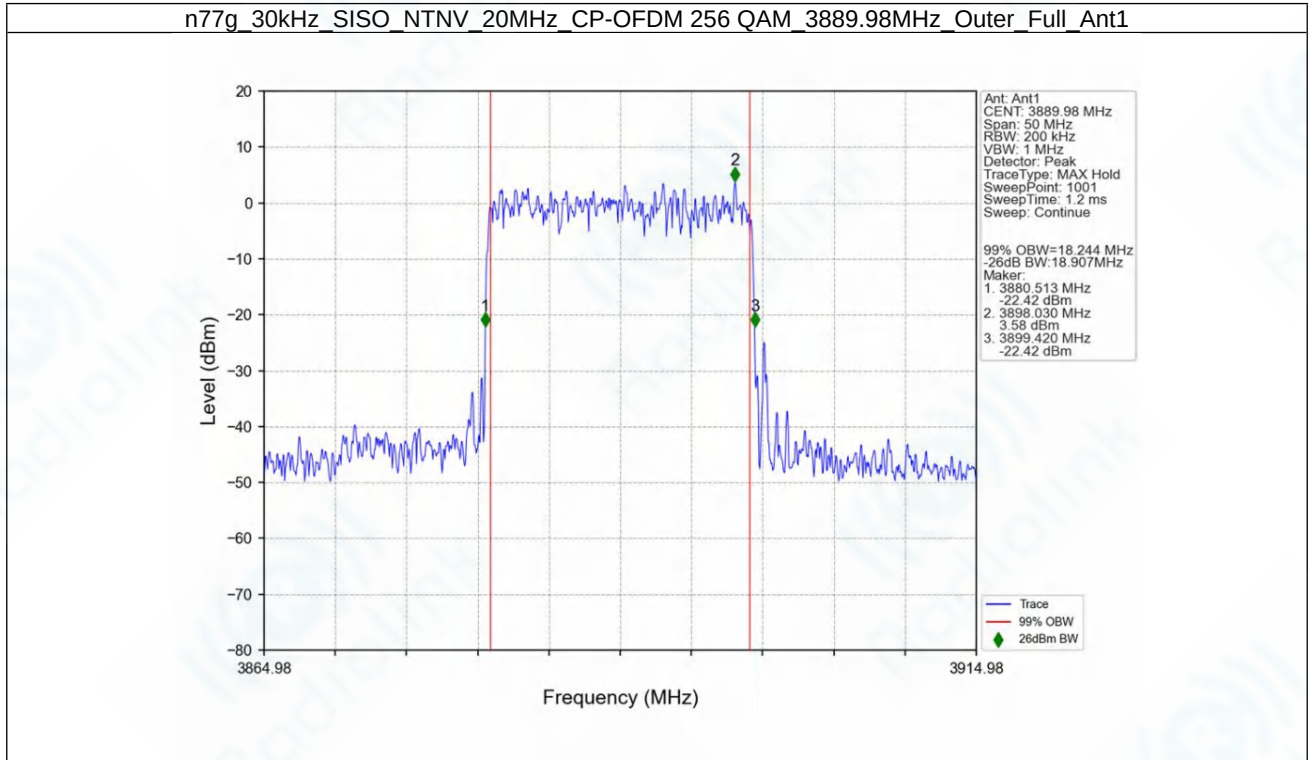
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n77g_30kHz_SISO_NTNV_20MHz_CP-OFDM_256_QAM_3675MHz_Outer_Full_Ant1


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Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
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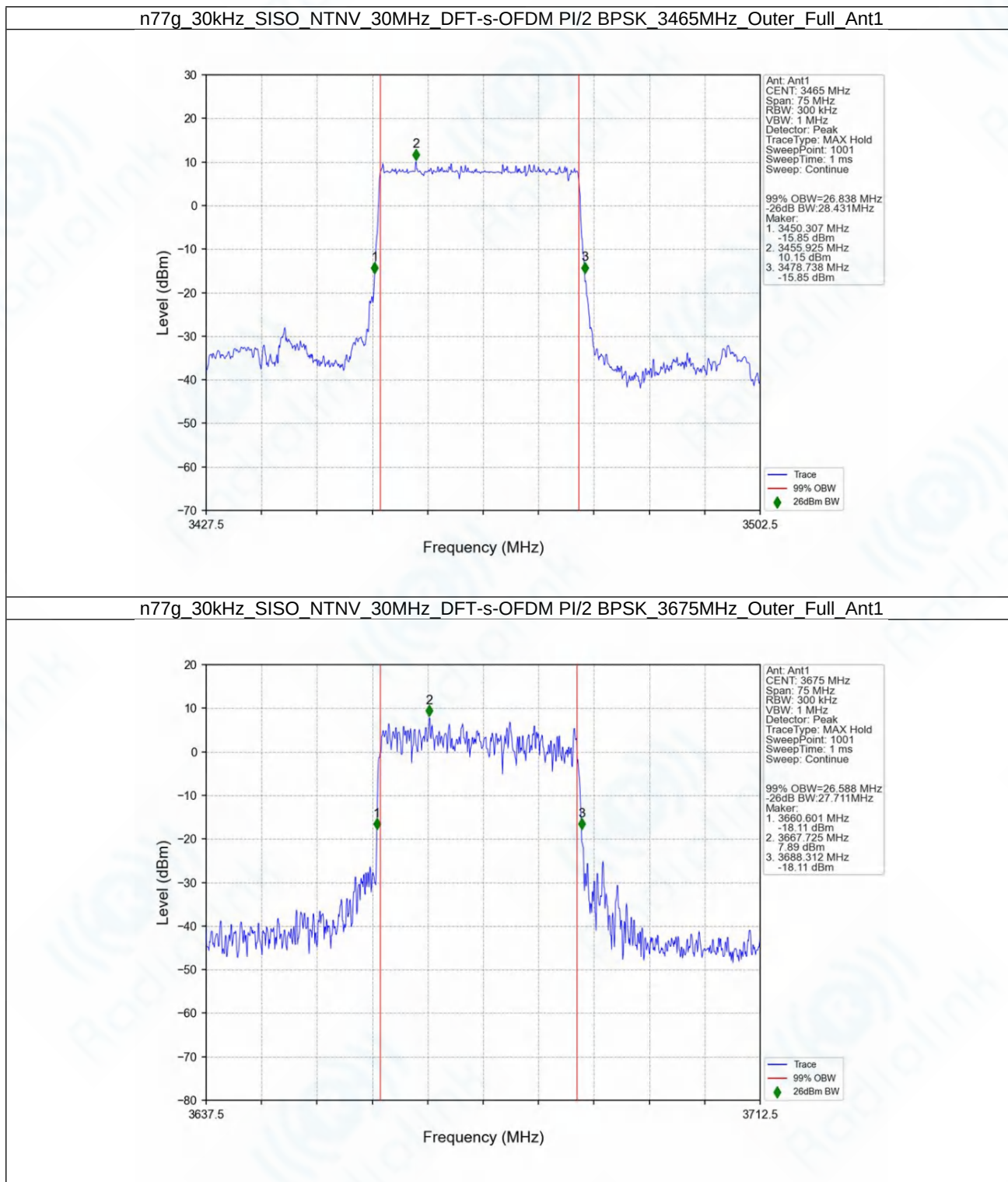


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Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
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Tel: +86 0755 23080694

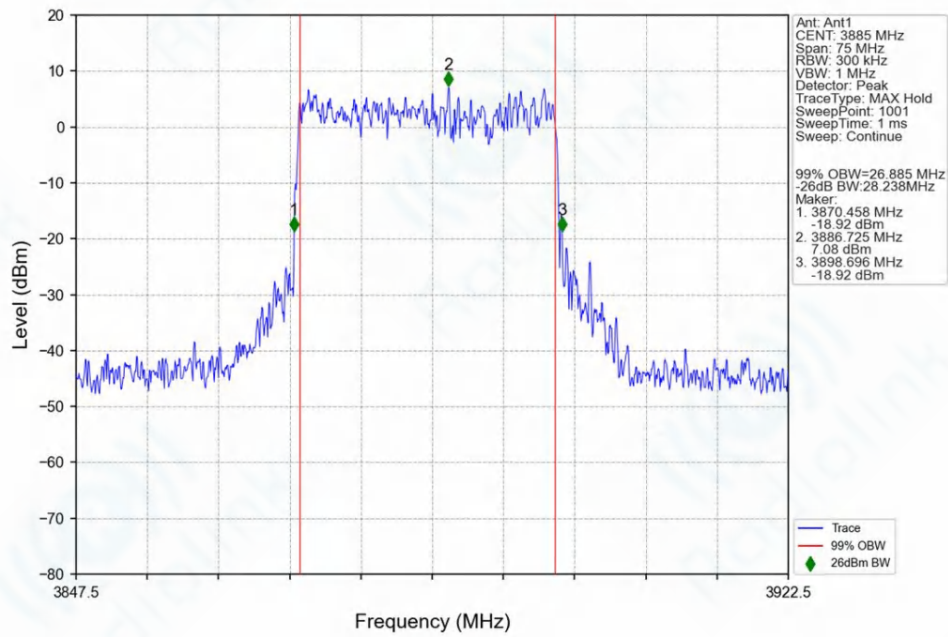
3.2.3 30_S_30M_NTNV



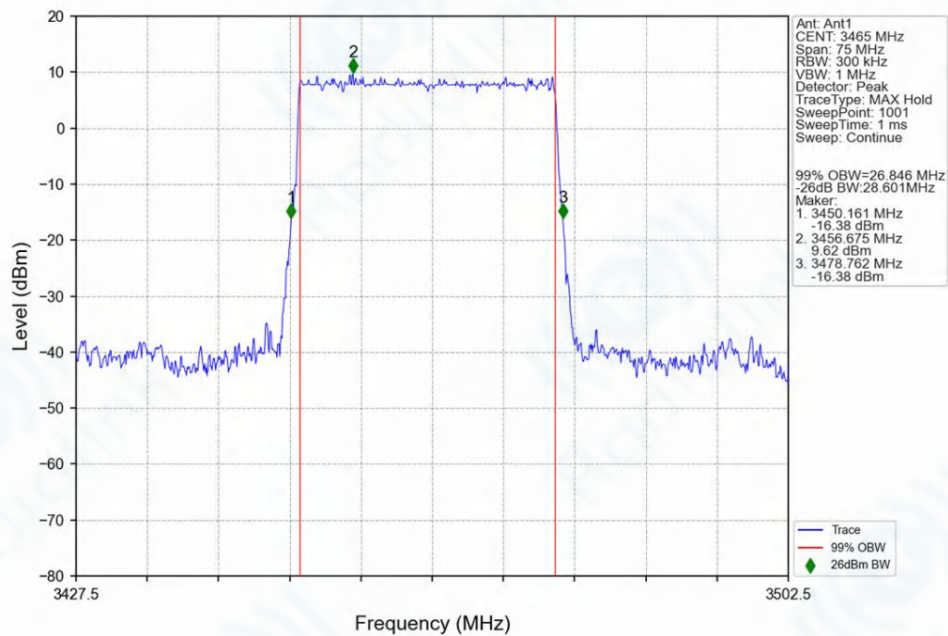
Radiolink Testing (Shenzhen) Co., Ltd.

Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

n77g_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM PI/2 BPSK_3885MHz_Outer_Full_Ant1

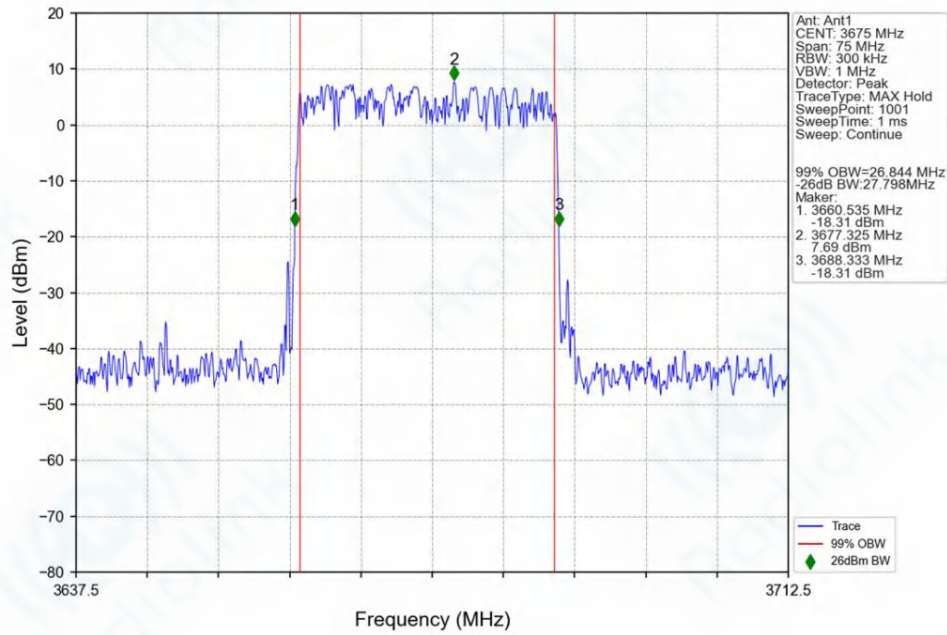


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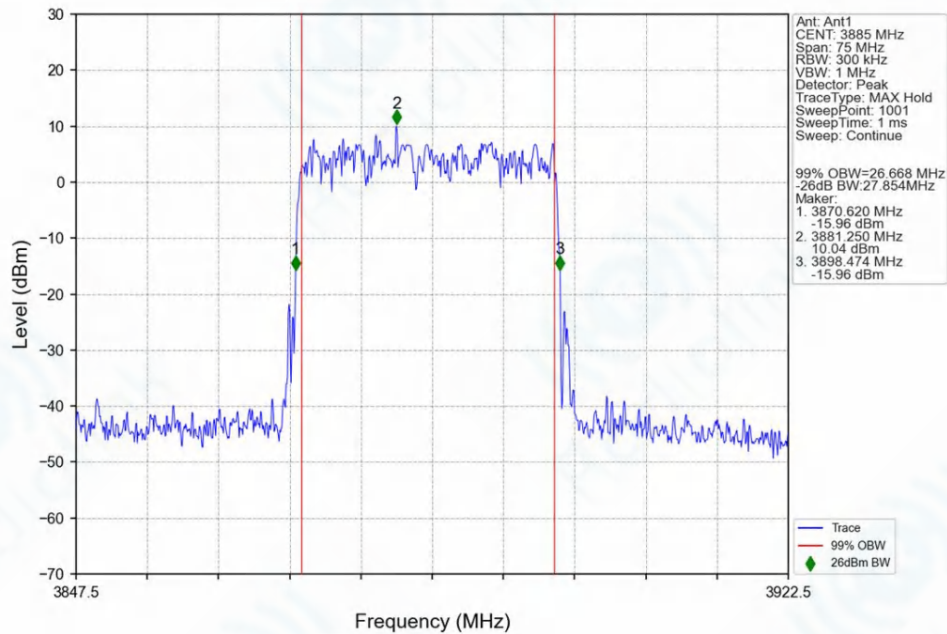

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n77g_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_QPSK_3675MHz_Outer_Full_Ant1



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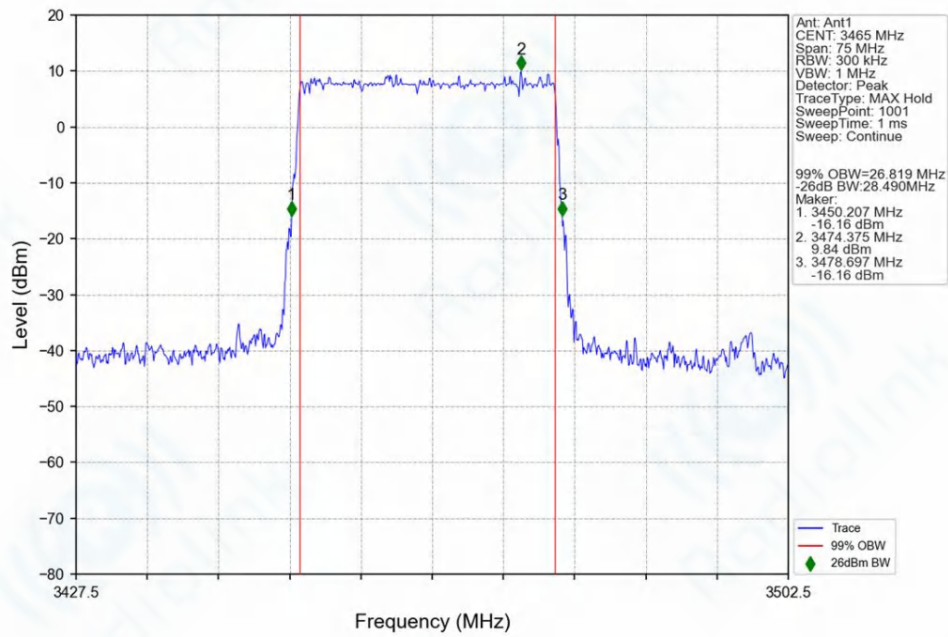


Radiolink Testing (Shenzhen) Co., Ltd.

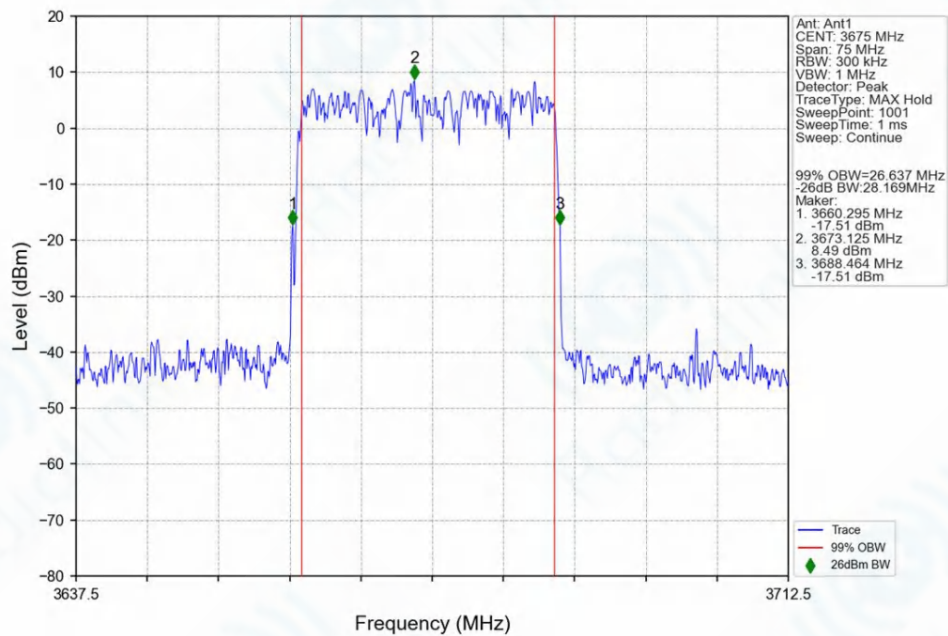
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

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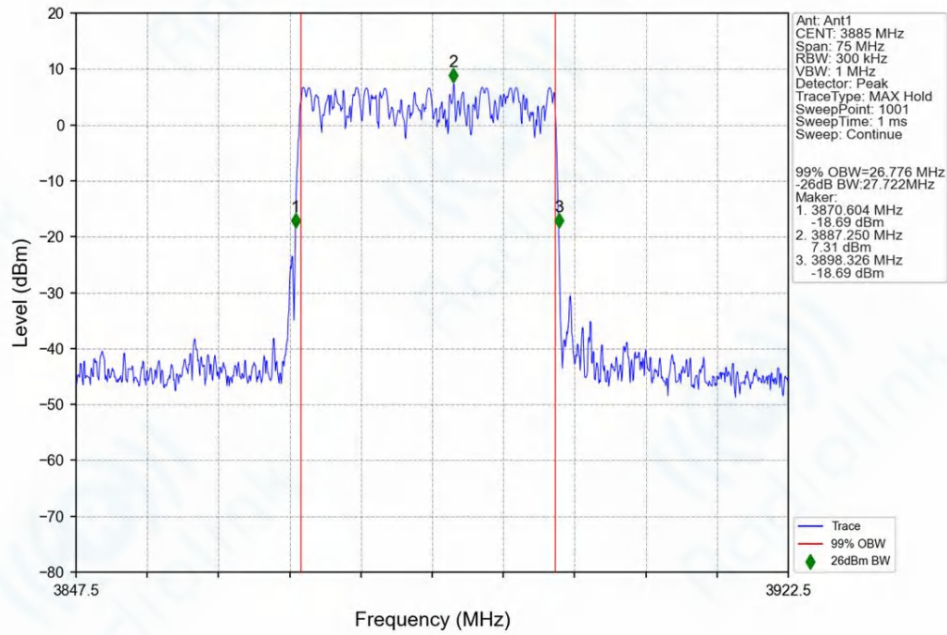


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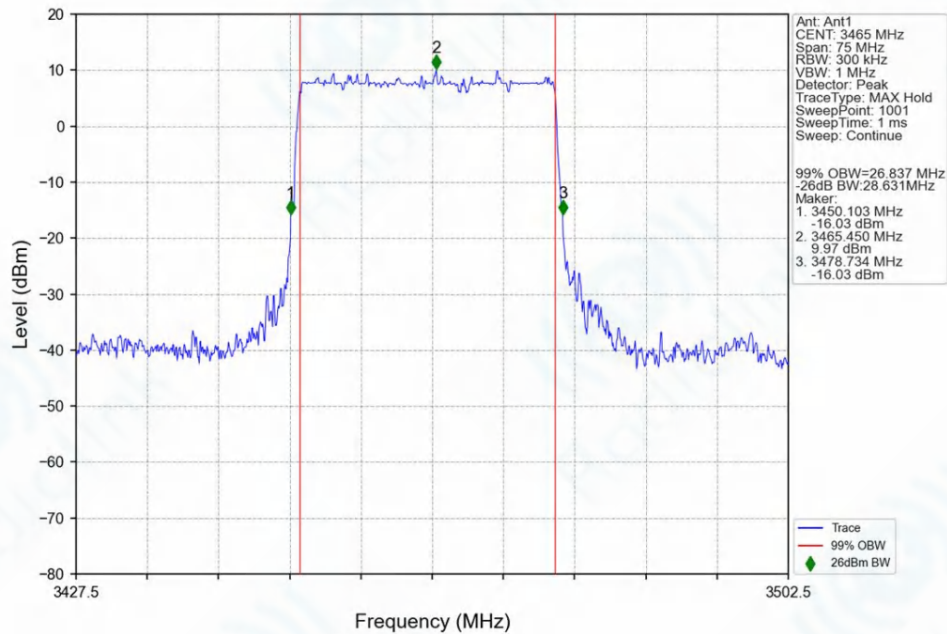

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n77g_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_16_QAM_3885MHz_Outer_Full_Ant1



n77g_30kHz_SISO_NTNV_30MHz_DFT-s-OFDM_64_QAM_3465MHz_Outer_Full_Ant1

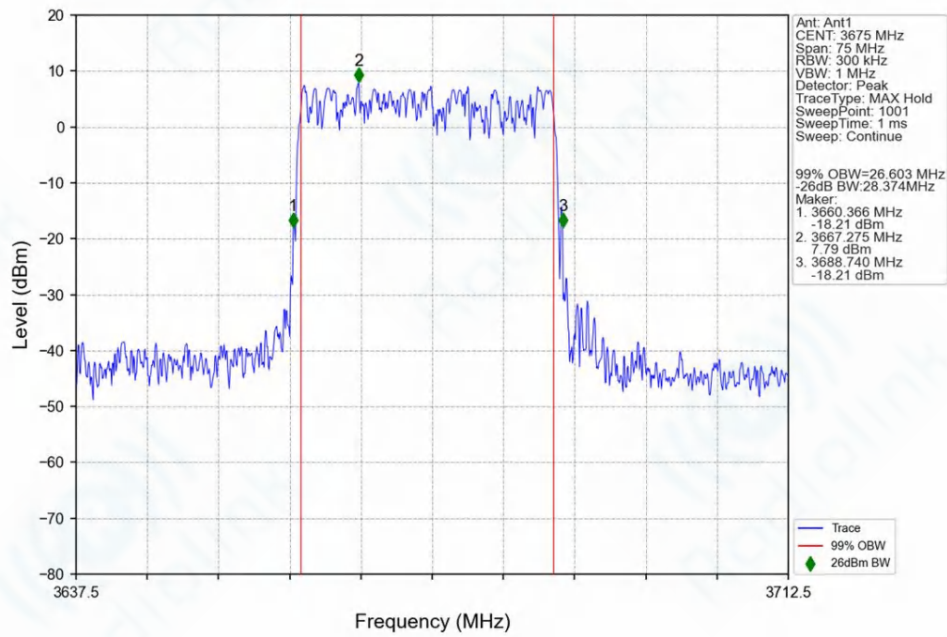


Radiolink Testing (Shenzhen) Co., Ltd.

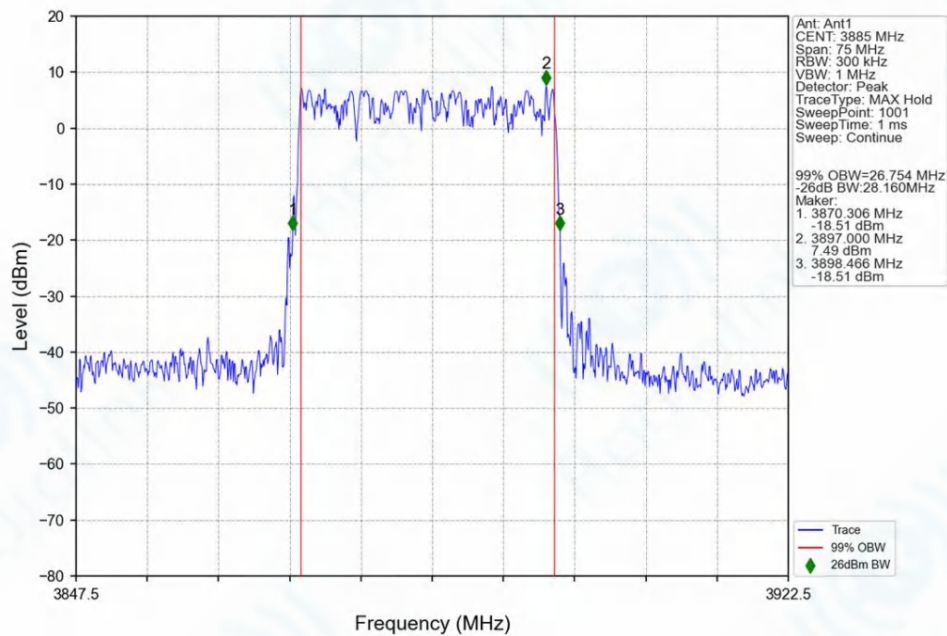
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

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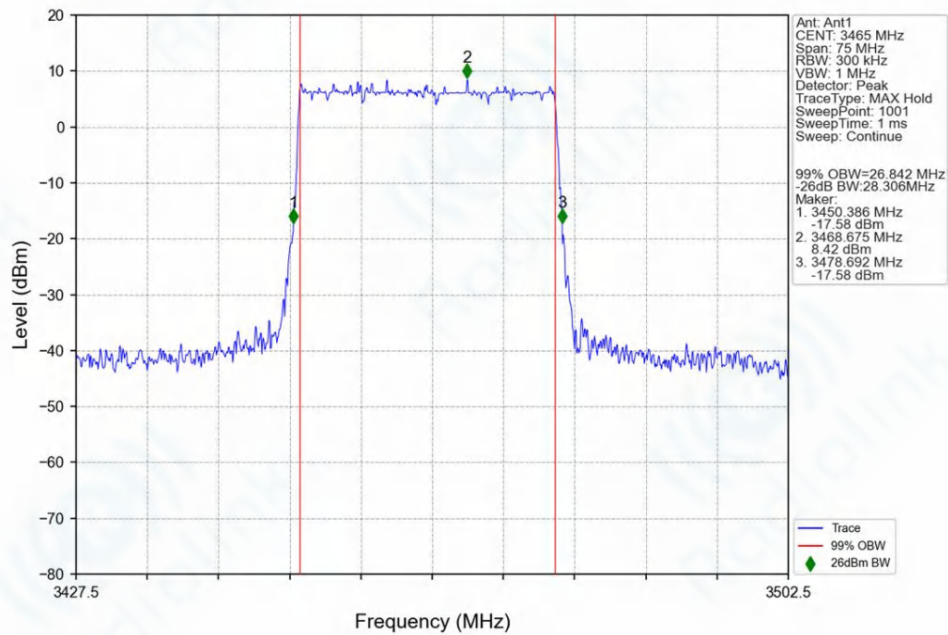


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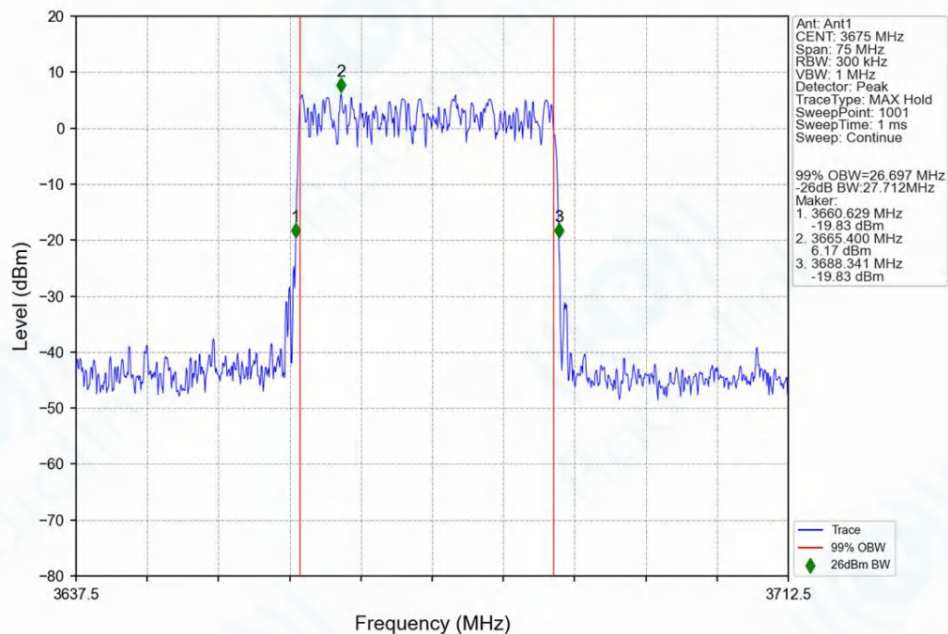

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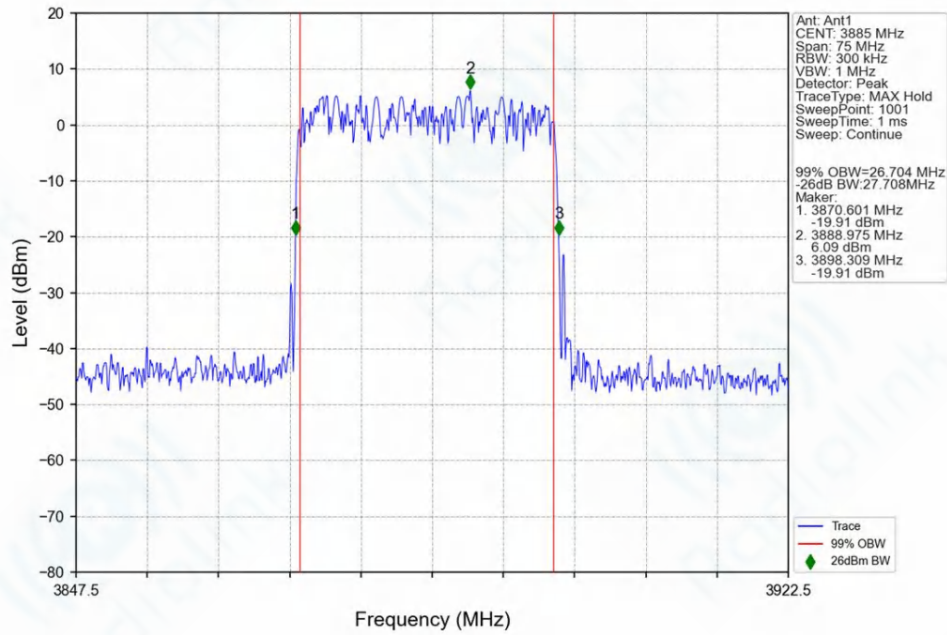
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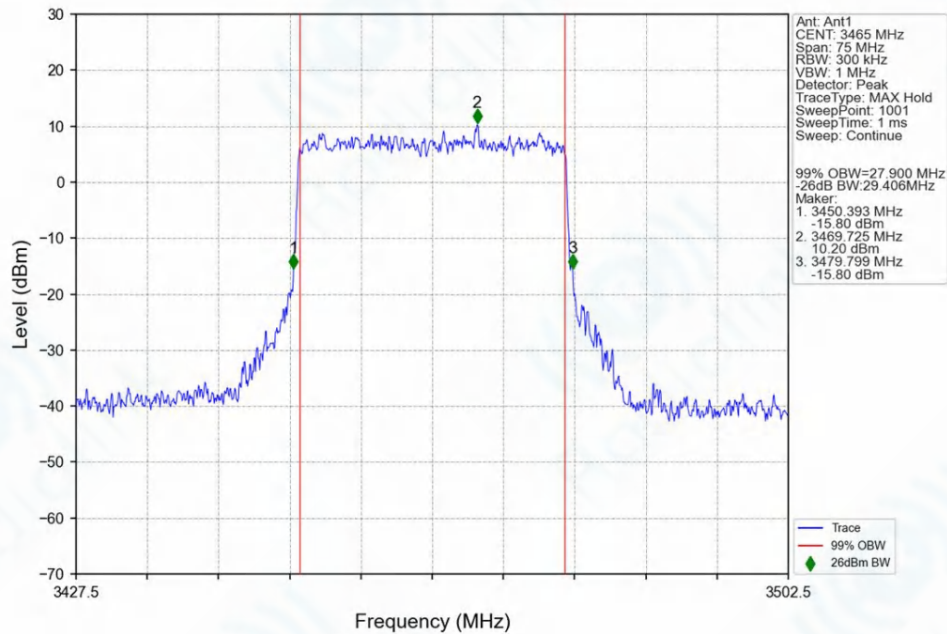
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n77g_30kHz_SISO_NTNV_30MHz_CP-OFDM_QPSK_3465MHz_Outer_Full_Ant1

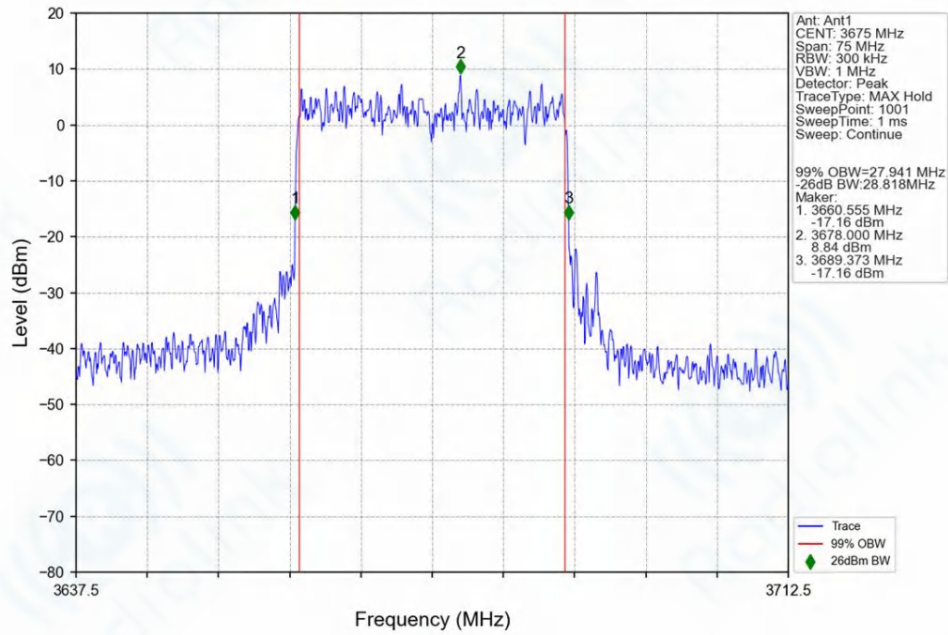


Radiolink Testing (Shenzhen) Co., Ltd.

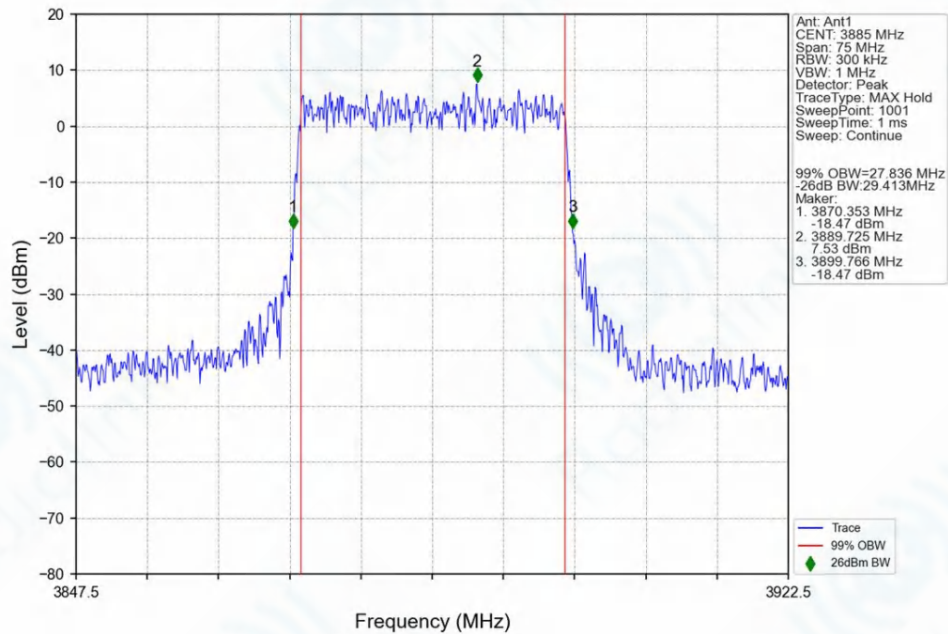
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Tel: +86 0755 23080694

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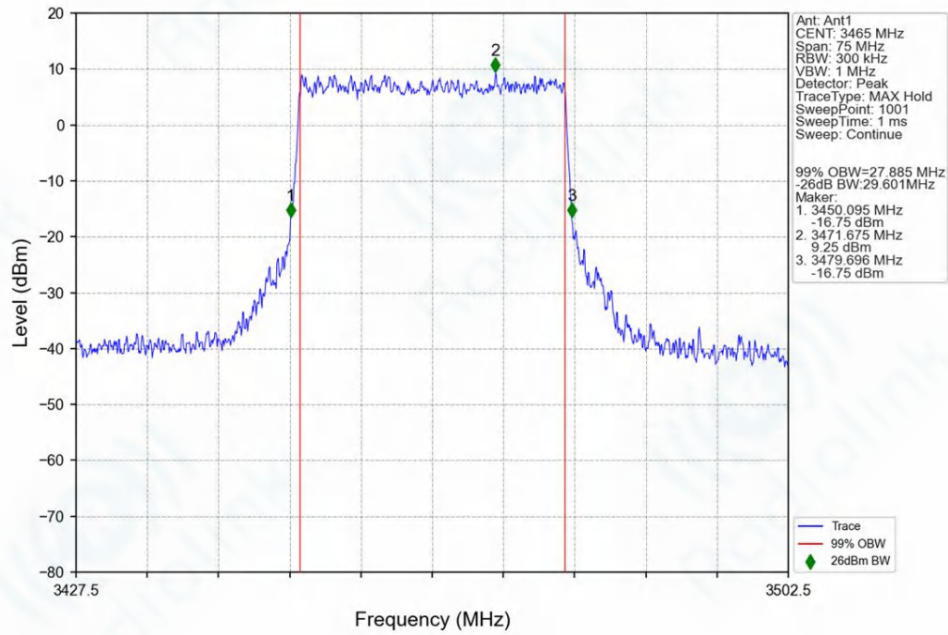


Radiolink Testing (Shenzhen) Co., Ltd.

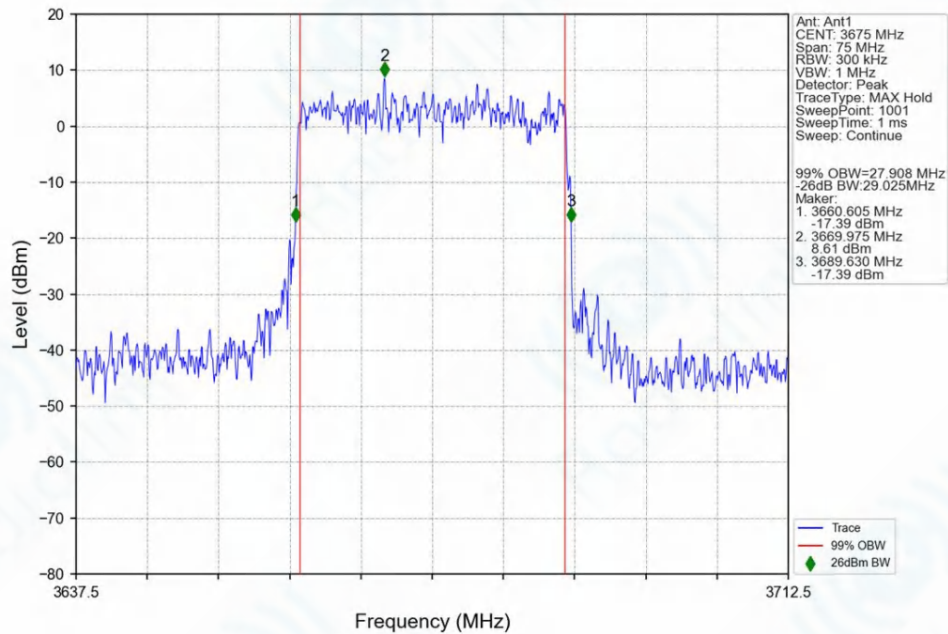
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Tel: +86 0755 23080694

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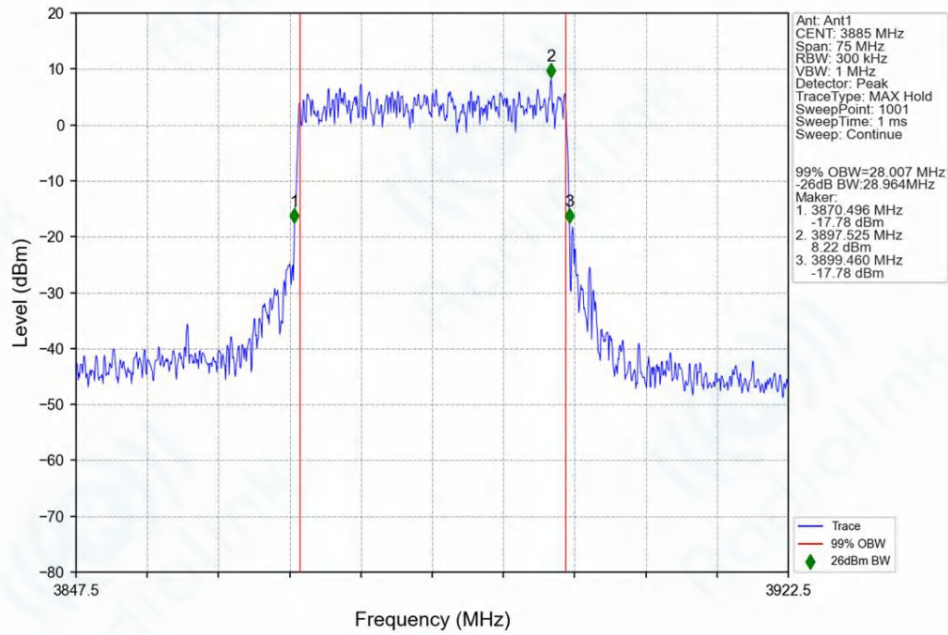
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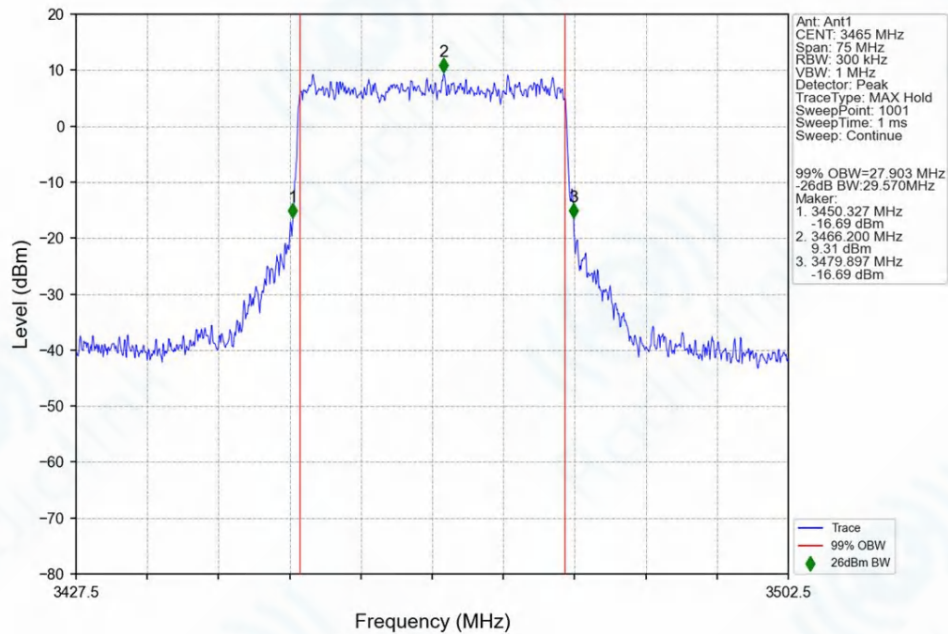
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Shenzhen, Guangdong Province, China
Tel: +86 0755 23080694

n77g_30kHz_SISO_NTNV_30MHz_CP-OFDM 16 QAM 3885MHz_Outer_Full_Ant1



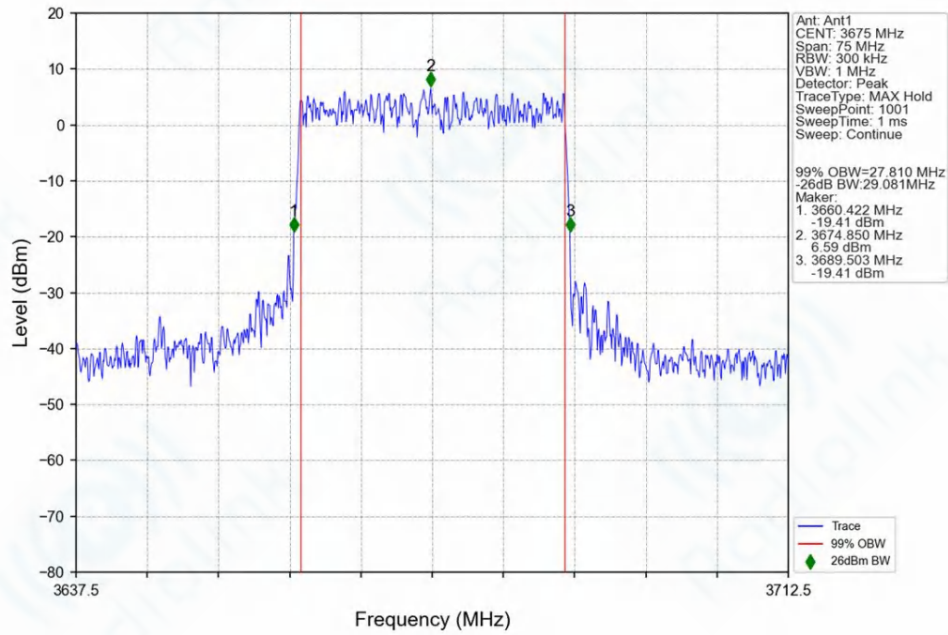
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Radiolink Testing (Shenzhen) Co., Ltd.

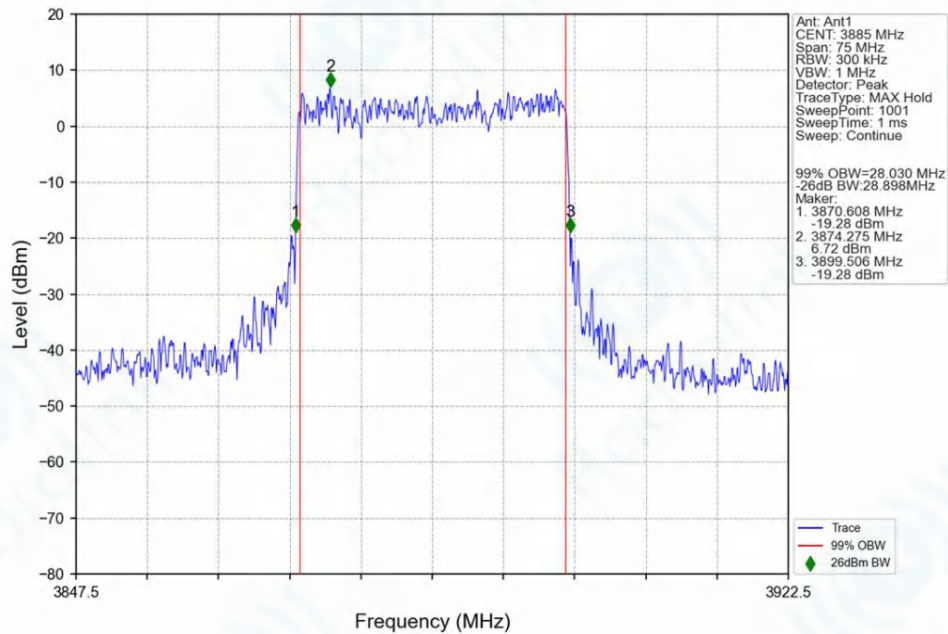
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Shenzhen, Guangdong Province, China

Tel: +86 0755 23080694

n77g_30kHz_SISO_NTNV_30MHz_CP-OFDM 64 QAM 3675MHz_Outer_Full_Ant1



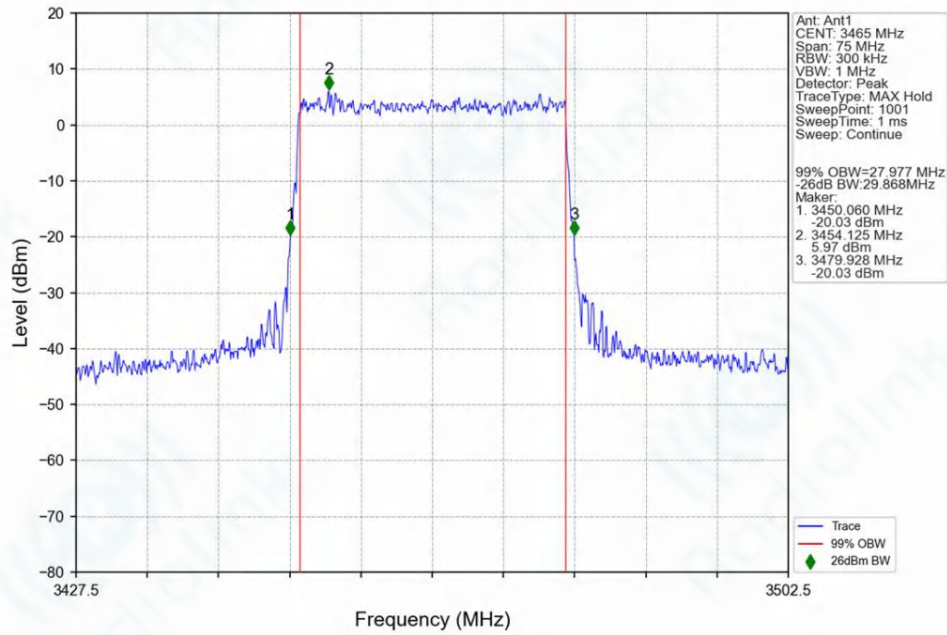
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Radiolink Testing (Shenzhen) Co., Ltd.

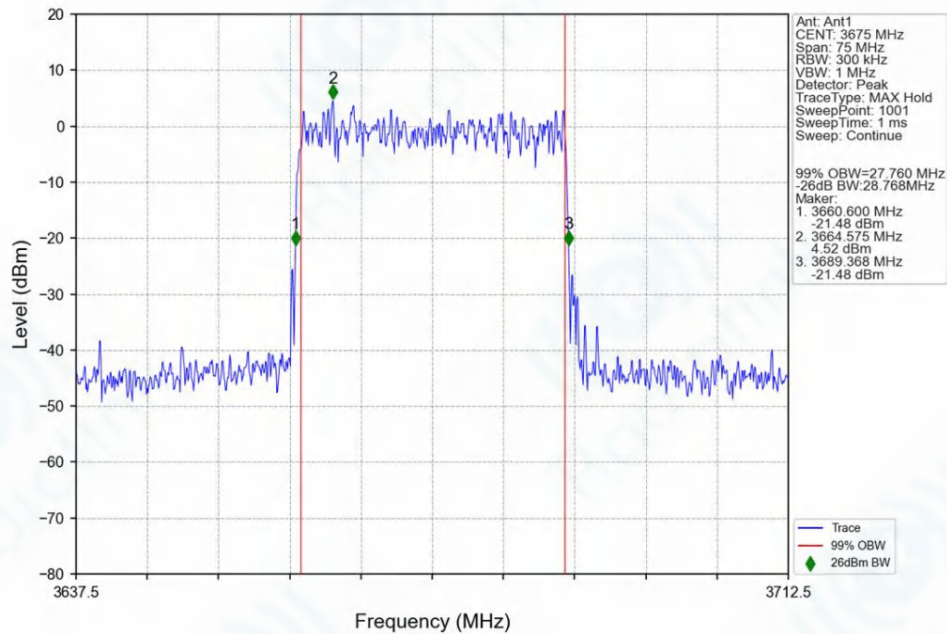
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
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Tel: +86 0755 23080694

n77g_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3465MHz_Outer_Full_Ant1



n77g_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3675MHz_Outer_Full_Ant1

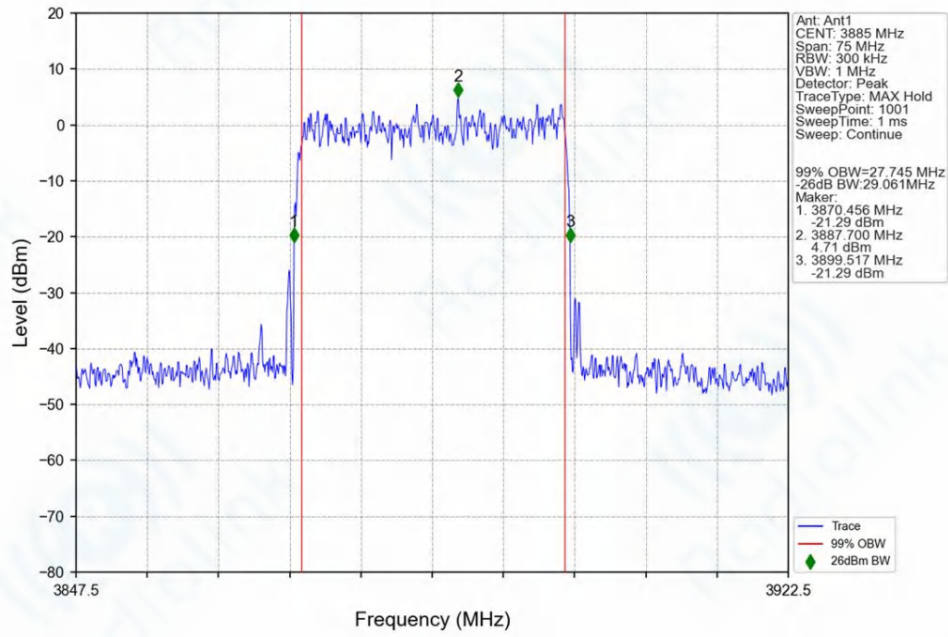


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n77g_30kHz_SISO_NTNV_30MHz_CP-OFDM_256_QAM_3885MHz_Outer_Full_Ant1


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