Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant2 (dBm)	Total Power (dBm)	Gain(dBi)	E(I)RP (dBm)	Limit（dBm）	Verdict
n38	30	20	CP-QPSK	L	Inner_1RB_Left	19.37	19.18	22.29	2	24.29	33	PASS
n38	30	20	CP-QPSK	L	Inner_1RB_Right	19.63	19.3	22.48	2	24.48	33	PASS
n38	30	20	CP-QPSK	L	Inner_Full	19.36	19.24	22.31	2	24.31	33	PASS
n38	30	20	CP-QPSK	L	Outer_Full	17.88	17.65	20.78	2	22.78	33	PASS
n38	30	20	CP-16QAM	L	Inner_1RB_Left	18.74	19.06	21.91	2	23.91	33	PASS
n38	30	20	CP-16QAM	L	Inner_1RB_Right	18.9	18.82	21.87	2	23.87	33	PASS
n38	30	20	CP-16QAM	L	Inner_Full	18.83	18.79	21.82	2	23.82	33	PASS
n38	30	20	CP-16QAM	L	Outer_Full	17.87	17.68	20.79	2	22.79	33	PASS
n38	30	20	CP-64QAM	L	Inner_1RB_Left	17.43	17.27	20.36	2	22.36	33	PASS
n38	30	20	CP-64QAM	L	Inner_1RB_Right	17.46	17.23	20.36	2	22.36	33	PASS
n38	30	20	CP-64QAM	L	Inner_Full	17.39	17.2	20.3	2	22.3	33	PASS
n38	30	20	CP-64QAM	L	Outer_Full	17.41	17.15	20.29	2	22.29	33	PASS
n38	30	20	CP-256QAM	L	Inner_1RB_Left	14.69	14.08	17.41	2	19.41	33	PASS
n38	30	20	CP-256QAM	L	Inner_1RB_Right	14.56	14.34	17.46	2	19.46	33	PASS
n38	30	20	CP-256QAM	L	Inner_Full	14.43	14.28	17.36	2	19.36	33	PASS
n38	30	20	CP-256QAM	L	Outer_Full	14.45	14.25	17.36	2	19.36	33	PASS
n38	30	20	CP-QPSK	M	Inner_1RB_Left	19.4	19.14	22.28	2	24.28	33	PASS
n38	30	20	CP-QPSK	M	Inner_1RB_Right	19.49	19.16	22.34	2	24.34	33	PASS
n38	30	20	CP-QPSK	M	Inner_Full	19.35	19.24	22.31	2	24.31	33	PASS
n38	30	20	CP-QPSK	M	Outer_Full	17.76	17.69	20.74	2	22.74	33	PASS
n38	30	20	CP-16QAM	M	Inner_1RB_Left	18.89	18.44	21.68	2	23.68	33	PASS

n38	30	20	CP-16QAM	M	Inner_1RB_Right	18.62	18.66	21.65	2	23.65	33	PASS
n38	30	20	CP-16QAM	M	Inner_Full	18.82	18.73	21.79	2	23.79	33	PASS
n38	30	20	CP-16QAM	M	Outer_Full	17.87	17.68	20.79	2	22.79	33	PASS
n38	30	20	CP-64QAM	M	Inner_1RB_Left	17.26	17.24	20.26	2	22.26	33	PASS
n38	30	20	CP-64QAM	M	Inner_1RB_Right	17.39	17.16	20.29	2	22.29	33	PASS
n38	30	20	CP-64QAM	M	Inner_Full	17.34	17.17	20.27	2	22.27	33	PASS
n38	30	20	CP-64QAM	M	Outer_Full	17.37	17.14	20.27	2	22.27	33	PASS
n38	30	20	CP-256QAM	M	Inner_1RB_Left	14.39	14.16	17.29	2	19.29	33	PASS
n38	30	20	CP-256QAM	M	Inner_1RB_Right	14.54	14	17.29	2	19.29	33	PASS
n38	30	20	CP-256QAM	M	Inner_Full	14.39	14.2	17.31	2	19.31	33	PASS
n38	30	20	CP-256QAM	M	Outer_Full	14.4	14.27	17.35	2	19.35	33	PASS
n38	30	20	CP-QPSK	H	Inner_1RB_Left	19.48	19.29	22.39	2	24.39	33	PASS
n38	30	20	CP-QPSK	H	Inner_1RB_Right	19.71	19.32	22.52	2	24.52	33	PASS
n38	30	20	CP-QPSK	H	Inner_Full	19.43	19.35	22.4	2	24.4	33	PASS
n38	30	20	CP-QPSK	H	Outer_Full	18	17.82	20.92	2	22.92	33	PASS
n38	30	20	CP-16QAM	H	Inner_1RB_Left	18.75	18.61	21.69	2	23.69	33	PASS
n38	30	20	CP-16QAM	H	Inner_1RB_Right	19	19.04	22.03	2	24.03	33	PASS
n38	30	20	CP-16QAM	H	Inner_Full	18.84	18.86	21.86	2	23.86	33	PASS
n38	30	20	CP-16QAM	H	Outer_Full	18	17.79	20.91	2	22.91	33	PASS
n38	30	20	CP-64QAM	H	Inner_1RB_Left	17.37	17.36	20.37	2	22.37	33	PASS
n38	30	20	CP-64QAM	H	Inner_1RB_Right	17.48	17.49	20.49	2	22.49	33	PASS
n38	30	20	CP-64QAM	H	Inner_Full	17.4	17.36	20.39	2	22.39	33	PASS
n38	30	20	CP-64QAM	H	Outer_Full	17.46	17.3	20.39	2	22.39	33	PASS
n38	30	20	CP-256QAM	H	Inner_1RB_Left	14.49	14.19	17.36	2	19.36	33	PASS
n38	30	20	CP-256QAM	H	Inner_1RB_Right	14.6	14.22	17.42	2	19.42	33	PASS
n38	30	20	CP-256QAM	H	Inner_Full	14.37	14.33	17.36	2	19.36	33	PASS
n38	30	20	CP-256QAM	H	Outer_Full	14.54	14.38	17.47	2	19.47	33	PASS

n38	30	30	CP-QPSK	L	Inner_1RB_Left	19.67	19.25	22.48	2	24.48	33	PASS
n38	30	30	CP-QPSK	L	Inner_1RB_Right	19.66	19.41	22.55	2	24.55	33	PASS
n38	30	30	CP-QPSK	L	Inner_Full	19.33	19.16	22.26	2	24.26	33	PASS
n38	30	30	CP-QPSK	L	Outer_Full	17.92	17.68	20.81	2	22.81	33	PASS
n38	30	30	CP-16QAM	L	Inner_1RB_Left	18.78	19	21.9	2	23.9	33	PASS
n38	30	30	CP-16QAM	L	Inner_1RB_Right	18.77	18.91	21.85	2	23.85	33	PASS
n38	30	30	CP-16QAM	L	Inner_Full	18.82	18.67	21.76	2	23.76	33	PASS
n38	30	30	CP-16QAM	L	Outer_Full	17.88	17.66	20.78	2	22.78	33	PASS
n38	30	30	CP-64QAM	L	Inner_1RB_Left	17.51	17.24	20.39	2	22.39	33	PASS
n38	30	30	CP-64QAM	L	Inner_1RB_Right	17.39	17.35	20.38	2	22.38	33	PASS
n38	30	30	CP-64QAM	L	Inner_Full	17.27	17.04	20.17	2	22.17	33	PASS
n38	30	30	CP-64QAM	L	Outer_Full	17.34	17.22	20.29	2	22.29	33	PASS
n38	30	30	CP-256QAM	L	Inner_1RB_Left	14.74	14.22	17.5	2	19.5	33	PASS
n38	30	30	CP-256QAM	L	Inner_1RB_Right	14.56	14.19	17.39	2	19.39	33	PASS
n38	30	30	CP-256QAM	L	Inner_Full	14.4	14.25	17.33	2	19.33	33	PASS
n38	30	30	CP-256QAM	L	Outer_Full	14.42	14.28	17.36	2	19.36	33	PASS
n38	30	30	CP-QPSK	M	Inner_1RB_Left	19.61	19.42	22.53	2	24.53	33	PASS
n38	30	30	CP-QPSK	M	Inner_1RB_Right	19.6	19.27	22.45	2	24.45	33	PASS
n38	30	30	CP-QPSK	M	Inner_Full	19.28	19.11	22.21	2	24.21	33	PASS
n38	30	30	CP-QPSK	M	Outer_Full	17.88	17.74	20.82	2	22.82	33	PASS
n38	30	30	CP-16QAM	M	Inner_1RB_Left	18.77	18.45	21.62	2	23.62	33	PASS
n38	30	30	CP-16QAM	M	Inner_1RB_Right	18.8	18.87	21.84	2	23.84	33	PASS
n38	30	30	CP-16QAM	M	Inner_Full	18.81	18.81	21.82	2	23.82	33	PASS
n38	30	30	CP-16QAM	M	Outer_Full	17.87	17.76	20.82	2	22.82	33	PASS
n38	30	30	CP-64QAM	M	Inner_1RB_Left	17.26	17.37	20.33	2	22.33	33	PASS
n38	30	30	CP-64QAM	M	Inner_1RB_Right	17.26	17.44	20.36	2	22.36	33	PASS
n38	30	30	CP-64QAM	M	Inner_Full	17.35	17.13	20.25	2	22.25	33	PASS
n38	30	30	CP-64QAM	M	Outer_Full	17.37	17.22	20.31	2	22.31	33	PASS

n38	30	30	CP-256QAM	M	Inner_1RB_Left	14.59	14.27	17.45	2	19.45	33	PASS
n38	30	30	CP-256QAM	M	Inner_1RB_Right	14.65	14.26	17.47	2	19.47	33	PASS
n38	30	30	CP-256QAM	M	Inner_Full	14.36	14.2	17.29	2	19.29	33	PASS
n38	30	30	CP-256QAM	M	Outer_Full	14.39	14.23	17.32	2	19.32	33	PASS
n38	30	30	CP-QPSK	H	Inner_1RB_Left	19.47	19.15	22.32	2	24.32	33	PASS
n38	30	30	CP-QPSK	H	Inner_1RB_Right	19.62	19.28	22.46	2	24.46	33	PASS
n38	30	30	CP-QPSK	H	Inner_Full	19.34	19.29	22.32	2	24.32	33	PASS
n38	30	30	CP-QPSK	H	Outer_Full	17.86	17.66	20.77	2	22.77	33	PASS
n38	30	30	CP-16QAM	H	Inner_1RB_Left	18.6	18.84	21.73	2	23.73	33	PASS
n38	30	30	CP-16QAM	H	Inner_1RB_Right	18.85	18.83	21.85	2	23.85	33	PASS
n38	30	30	CP-16QAM	H	Inner_Full	18.78	18.8	21.8	2	23.8	33	PASS
n38	30	30	CP-16QAM	H	Outer_Full	17.92	17.75	20.84	2	22.84	33	PASS
n38	30	30	CP-64QAM	H	Inner_1RB_Left	17.38	17.19	20.3	2	22.3	33	PASS
n38	30	30	CP-64QAM	H	Inner_1RB_Right	17.4	17.22	20.32	2	22.32	33	PASS
n38	30	30	CP-64QAM	H	Inner_Full	17.33	17.25	20.3	2	22.3	33	PASS
n38	30	30	CP-64QAM	H	Outer_Full	17.4	17.18	20.3	2	22.3	33	PASS
n38	30	30	CP-256QAM	H	Inner_1RB_Left	14.5	14.29	17.41	2	19.41	33	PASS
n38	30	30	CP-256QAM	H	Inner_1RB_Right	14.54	14.09	17.33	2	19.33	33	PASS
n38	30	30	CP-256QAM	H	Inner_Full	14.37	14.24	17.32	2	19.32	33	PASS
n38	30	30	CP-256QAM	H	Outer_Full	14.42	14.21	17.33	2	19.33	33	PASS
n38	30	40	CP-QPSK	L	Inner_1RB_Left	19.5	19.31	22.42	2	24.42	33	PASS
n38	30	40	CP-QPSK	L	Inner_1RB_Right	19.77	19.36	22.58	2	24.58	33	PASS
n38	30	40	CP-QPSK	L	Inner_Full	19.39	19.2	22.3	2	24.3	33	PASS
n38	30	40	CP-QPSK	L	Outer_Full	17.93	17.79	20.87	2	22.87	33	PASS
n38	30	40	CP-16QAM	L	Inner_1RB_Left	18.83	18.56	21.71	2	23.71	33	PASS
n38	30	40	CP-16QAM	L	Inner_1RB_Right	18.81	19.06	21.95	2	23.95	33	PASS

n38	30	40	CP-16QAM	L	Inner_Full	18.96	18.8	21.89	2	23.89	33	PASS
n38	30	40	CP-16QAM	L	Outer_Full	17.9	17.75	20.84	2	22.84	33	PASS
n38	30	40	CP-64QAM	L	Inner_1RB_Left	17.34	17.38	20.37	2	22.37	33	PASS
n38	30	40	CP-64QAM	L	Inner_1RB_Right	17.32	17.4	20.37	2	22.37	33	PASS
n38	30	40	CP-64QAM	L	Inner_Full	17.39	17.29	20.35	2	22.35	33	PASS
n38	30	40	CP-64QAM	L	Outer_Full	17.38	17.27	20.33	2	22.33	33	PASS
n38	30	40	CP-256QAM	L	Inner_1RB_Left	14.59	14.31	17.46	2	19.46	33	PASS
n38	30	40	CP-256QAM	L	Inner_1RB_Right	14.53	14.36	17.45	2	19.45	33	PASS
n38	30	40	CP-256QAM	L	Inner_Full	14.42	14.25	17.35	2	19.35	33	PASS
n38	30	40	CP-256QAM	L	Outer_Full	14.43	14.26	17.35	2	19.35	33	PASS
n38	30	40	CP-QPSK	M	Inner_1RB_Left	19.44	19.18	22.33	2	24.33	33	PASS
n38	30	40	CP-QPSK	M	Inner_1RB_Right	19.54	19.37	22.47	2	24.47	33	PASS
n38	30	40	CP-QPSK	M	Inner_Full	19.31	19.19	22.26	2	24.26	33	PASS
n38	30	40	CP-QPSK	M	Outer_Full	17.83	17.75	20.8	2	22.8	33	PASS
n38	30	40	CP-16QAM	M	Inner_1RB_Left	18.82	18.54	21.7	2	23.7	33	PASS
n38	30	40	CP-16QAM	M	Inner_1RB_Right	18.78	18.54	21.67	2	23.67	33	PASS
n38	30	40	CP-16QAM	M	Inner_Full	18.85	18.7	21.78	2	23.78	33	PASS
n38	30	40	CP-16QAM	M	Outer_Full	17.9	17.73	20.82	2	22.82	33	PASS
n38	30	40	CP-64QAM	M	Inner_1RB_Left	17.51	17.56	20.54	2	22.54	33	PASS
n38	30	40	CP-64QAM	M	Inner_1RB_Right	17.48	17.3	20.4	2	22.4	33	PASS
n38	30	40	CP-64QAM	M	Inner_Full	17.39	17.18	20.3	2	22.3	33	PASS
n38	30	40	CP-64QAM	M	Outer_Full	17.38	17.23	20.31	2	22.31	33	PASS
n38	30	40	CP-256QAM	M	Inner_1RB_Left	14.5	14.29	17.41	2	19.41	33	PASS
n38	30	40	CP-256QAM	M	Inner_1RB_Right	14.47	14.08	17.29	2	19.29	33	PASS
n38	30	40	CP-256QAM	M	Inner_Full	14.4	14.15	17.28	2	19.28	33	PASS
n38	30	40	CP-256QAM	M	Outer_Full	14.43	14.23	17.34	2	19.34	33	PASS
n38	30	40	CP-QPSK	H	Inner_1RB_Left	19.54	19.23	22.4	2	24.4	33	PASS

n38	30	40	CP-QPSK	H	Inner_1RB_Right	19.63	19.29	22.47	2	24.47	33	PASS
n38	30	40	CP-QPSK	H	Inner_Full	19.41	19.26	22.34	2	24.34	33	PASS
n38	30	40	CP-QPSK	H	Outer_Full	17.95	17.83	20.9	2	22.9	33	PASS
n38	30	40	CP-16QAM	H	Inner_1RB_Left	18.88	18.47	21.69	2	23.69	33	PASS
n38	30	40	CP-16QAM	H	Inner_1RB_Right	19.11	18.54	21.85	2	23.85	33	PASS
n38	30	40	CP-16QAM	H	Inner_Full	18.93	18.83	21.89	2	23.89	33	PASS
n38	30	40	CP-16QAM	H	Outer_Full	17.88	17.74	20.83	2	22.83	33	PASS
n38	30	40	CP-64QAM	H	Inner_1RB_Left	17.51	17.37	20.45	2	22.45	33	PASS
n38	30	40	CP-64QAM	H	Inner_1RB_Right	17.39	17.45	20.43	2	22.43	33	PASS
n38	30	40	CP-64QAM	H	Inner_Full	17.35	17.29	20.33	2	22.33	33	PASS
n38	30	40	CP-64QAM	H	Outer_Full	17.36	17.25	20.32	2	22.32	33	PASS
n38	30	40	CP-256QAM	H	Inner_1RB_Left	14.64	14.23	17.45	2	19.45	33	PASS
n38	30	40	CP-256QAM	H	Inner_1RB_Right	14.61	14.49	17.56	2	19.56	33	PASS
n38	30	40	CP-256QAM	H	Inner_Full	14.46	14.27	17.38	2	19.38	33	PASS
n38	30	40	CP-256QAM	H	Outer_Full	14.51	14.28	17.41	2	19.41	33	PASS

Band Edge for MIMO ANT1

Test Graphs

Note: For improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the OBW), provided that a subsequent integration is performed over the full required measurement bandwidth.

For UL MIMO mode, the conducted BE/Spurious are tested at single antenna port and add 10*log(NANT) according to KDB 662911 D01. The result of the single antenna port test is below the limit by more than 3dB margin, so the results of Ant1+Ant2 also meet the limit requirements.

NTNV-n38-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-PASS

NTNV-n38-PC3-30-20-L-CP-QPSK-Outer_Full-PASS

NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Right-PASS

NTNV-n38-PC3-30-20-H-CP-QPSK-Outer_Full-PASS

NTNV-n38-PC3-30-30-L-CP-QPSK-Edge_1RB_Left-PASS

NTNV-n38-PC3-30-30-L-CP-QPSK-Outer_Full-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Edge_1RB_Right-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Outer_Full-PASS

NTNV-n38-PC3-30-40-L-CP-QPSK-Edge_1RB_Left-PASS

NTNV-n38-PC3-30-40-L-CP-QPSK-Outer_Full-PASS

NTNV-n38-PC3-30-40-H-CP-QPSK-Edge_1RB_Right-PASS

NTNV-n38-PC3-30-40-H-CP-QPSK-Outer_Full-PASS

Band Edge for MIMO ANT2

Test Graphs

Note: For improvement of the accuracy in the measurement of the average power of a noise-like emission, a RBW narrower than the specified reference bandwidth can be used (generally limited to no less than 1% of the OBW), provided that a subsequent integration is performed over the full required measurement bandwidth.

For UL MIMO mode, the conducted BE/Spurious are tested at single antenna port and add 10*log(NANT) according to KDB 662911 D01. The result of the single antenna port test is below the limit by more than 3dB margin, so the results of Ant1+Ant2 also meet the limit requirements.

NTNV-n38-PC3-30-20-L-CP-QPSK-Outer_Full-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-PASS
NTNV-n38-PC3-30-20-H-CP-QPSK-Outer_Full-PASS	NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Right-PASS
NTNV-n38-PC3-30-30-L-CP-QPSK-Outer_Full-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Edge_1RB_Left-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Outer_Full-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Edge_1RB_Right-PASS

NTNV-n38-PC3-30-40-L-CP-QPSK-Outer_Full-PASS

NTNV-n38-PC3-30-40-L-CP-QPSK-Edge_1RB_Left-PASS

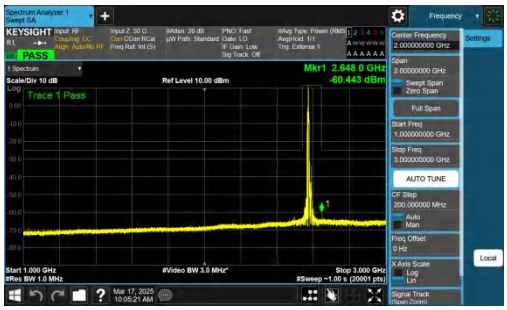
NTNV-n38-PC3-30-40-H-CP-QPSK-Outer_Full-PASS

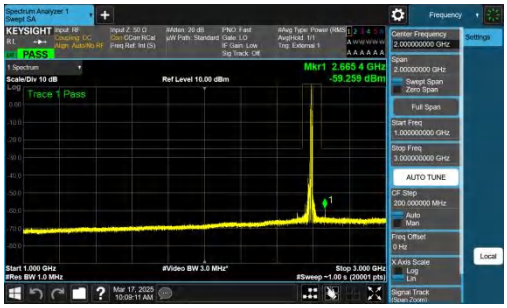
NTNV-n38-PC3-30-40-H-CP-QPSK-Edge_1RB_Right-PASS

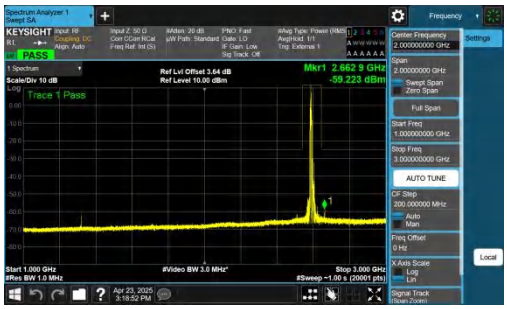
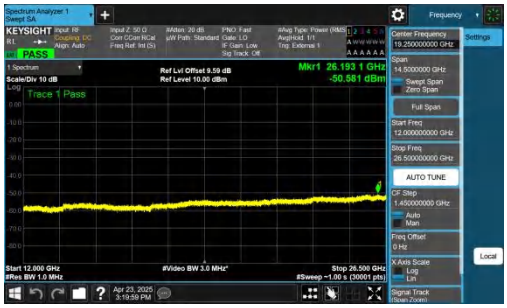
Conducted Spurious Emission for MIMO ANT1

Test Graphs

Note: For UL MIMO mode, the conducted BE/Spurious are tested at single antenna port and add 10*log(NANT) according to KDB 662911 D01. The result of the single antenna port test is below the limit by more than 3dB margin, so the results of Ant1+Ant2 also meet the limit requirements.

NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-0.15-30-PASS
	
NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-12000-26500-PASS

NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
	
NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-1000-3000-PASS
NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

	
NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
	
NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-12000-26500-PASS
NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-1000-3000-PASS

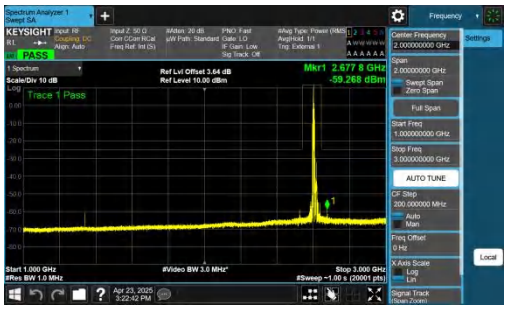
NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-3000-12000-PASS

NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-12000-26500-PASS

NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS

NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

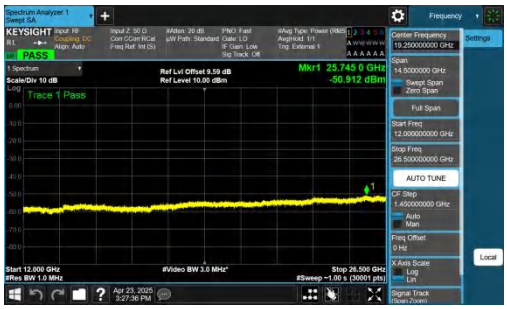
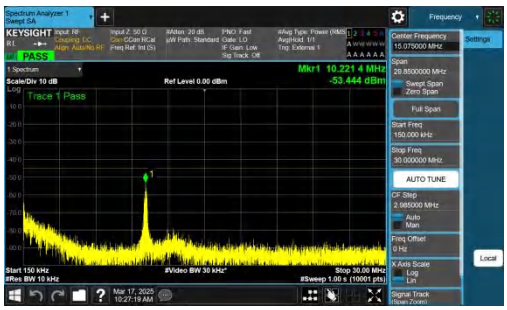
NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-30-1000-PASS



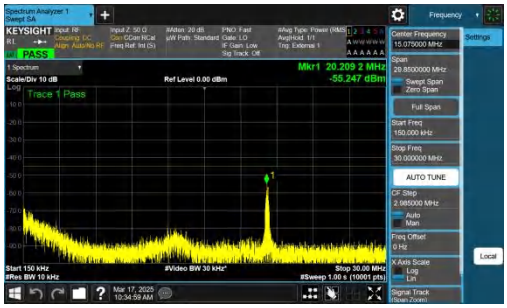
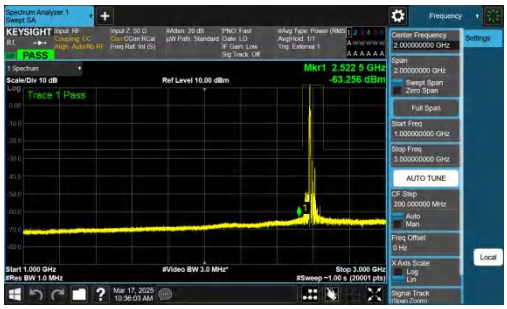
NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-1000-3000-PASS

NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-3000-12000-PASS

NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-12000-26500-PASS

NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-1000-3000-PASS
	
NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
	
NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-12000-26500-PASS
NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-1000-3000-PASS

NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
	
NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS
	
NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-12000-26500-PASS

NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Right-1000-3000-PASS
NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Left-30-1000-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Left-1000-3000-PASS

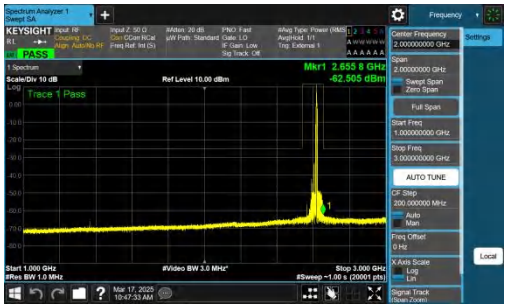
NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Left-3000-12000-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Left-12000-26500-PASS

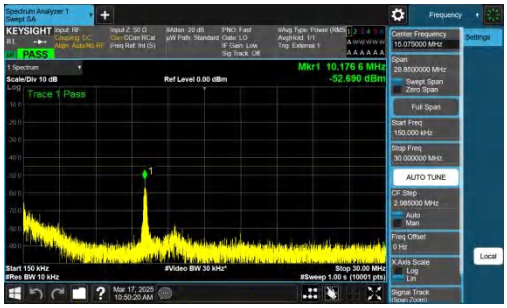
NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Right-0.15-30-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Right-30-1000-PASS



NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Right-1000-3000-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
	
NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Left-0.15-30-PASS
NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Left-12000-26500-PASS

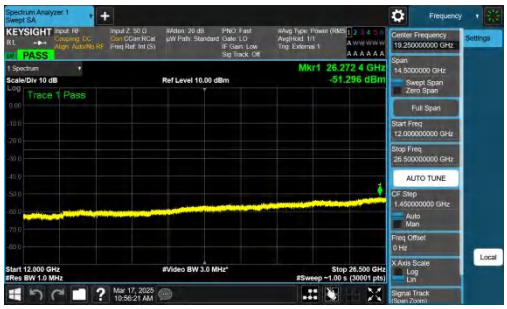
NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS

NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-0.15-30-PASS

NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-30-1000-PASS

NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-1000-3000-PASS

NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-3000-12000-PASS

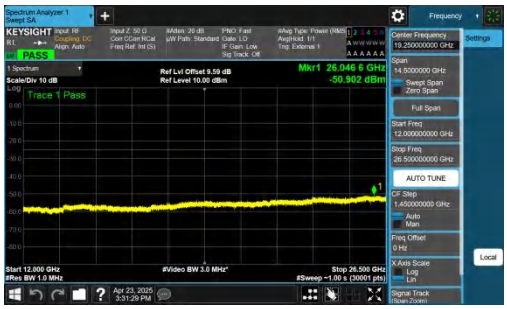
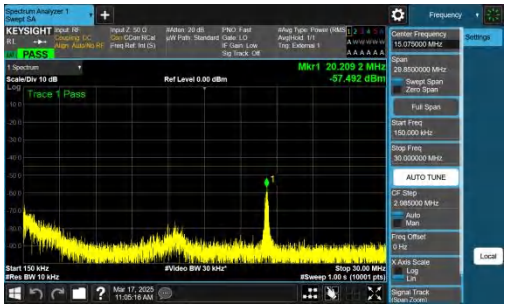


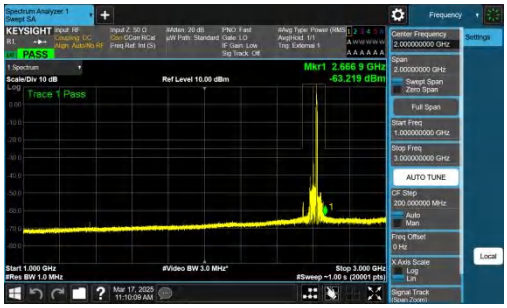
NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-12000-26500-PASS

NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS

NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-12000-26500-PASS
NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-1000-3000-PASS

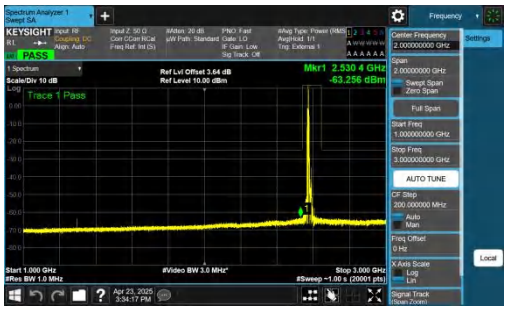
	
NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
	
NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-0.15-30-PASS
NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-12000-26500-PASS

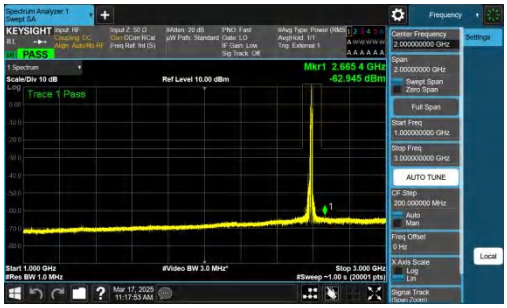
NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
	
NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-1000-3000-PASS
NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-12000-26500-PASS

Conducted Spurious Emission for MIMO ANT2

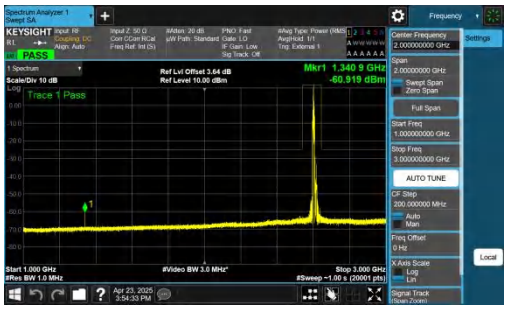
Test Graphs

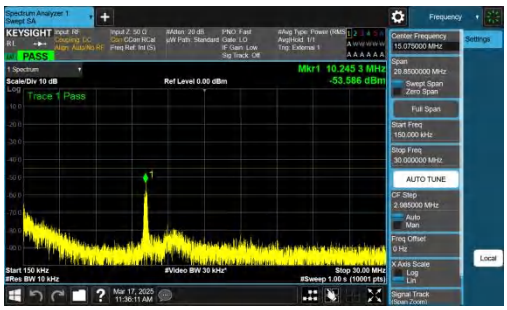
Note: For UL MIMO mode, the conducted BE/Spurious are tested at single antenna port and add 10*log(NANT) according to KDB 662911 D01. The result of the single antenna port test is below the limit by more than 3dB margin, so the results of Ant1+Ant2 also meet the limit requirements.

NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-0.15-30-PASS
	
NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Left-12000-26500-PASS

NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
	
NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-1000-3000-PASS
NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-20-L-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Left-12000-26500-PASS
NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-1000-3000-PASS

NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-20-M-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-0.15-30-PASS
	
NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Left-12000-26500-PASS

NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-1000-3000-PASS
NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-20-H-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
	
NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Left-12000-26500-PASS
NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-1000-3000-PASS

NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-3000-12000-PASS

NTNV-n38-PC3-30-30-L-CP-QPSK-Inner_1RB_Right-12000-26500-PASS

NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS

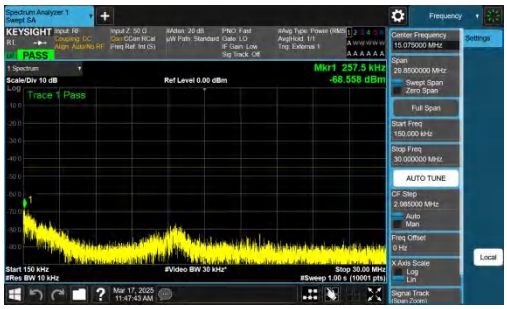
NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS

NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS

NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-3000-12000-PASS

NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Left-12000-26500-PASS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	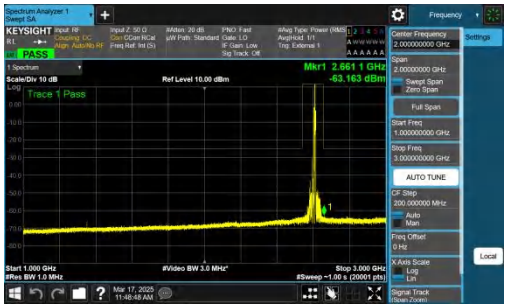
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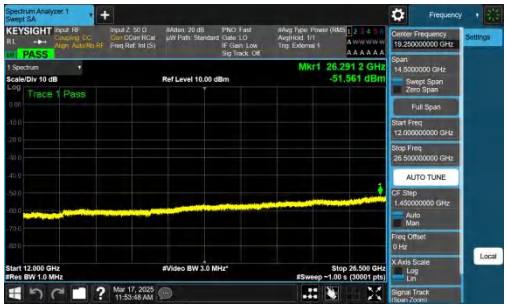
NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-30-M-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
	
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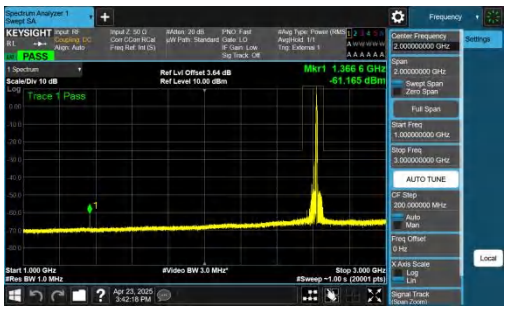
NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-30-H-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
	
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	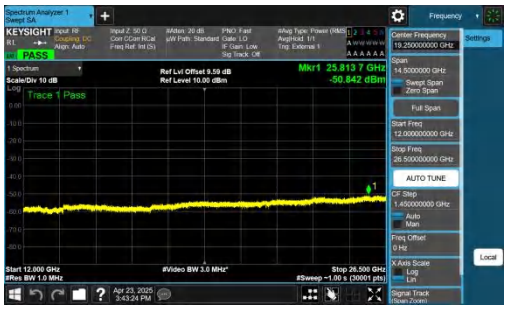
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NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Left-12000-26500-PASS

NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-1000-3000-PASS
NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-40-L-CP-QPSK-Inner_1RB_Right-12000-26500-PASS
NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS	NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-30-1000-PASS	NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-1000-3000-PASS
NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-3000-12000-PASS	NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Left-12000-26500-PASS
NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-1000-3000-PASS

NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-3000-12000-PASS

NTNV-n38-PC3-30-40-M-CP-QPSK-Inner_1RB_Right-12000-26500-PASS

NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-0.009-0.15-PASS

NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-0.15-30-PASS

NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-30-1000-PASS

NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-1000-3000-PASS

NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-3000-12000-PASS

NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Left-12000-26500-PASS

NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-0.009-0.15-PASS	NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-0.15-30-PASS
NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-30-1000-PASS	NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-1000-3000-PASS
NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-3000-12000-PASS	NTNV-n38-PC3-30-40-H-CP-QPSK-Inner_1RB_Right-12000-26500-PASS