

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_M_20M_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3460.02	Edge 1RB Left	20.21	20.00	23.12	23.21	23.00	26.12	<=30	Pass
		Edge 1RB Right	20.10	19.53	22.83	23.10	22.53	25.83	<=30	Pass
		Outer Full	20.52	20.21	23.38	23.52	23.21	26.38	<=30	Pass
		Inner Full	22.04	21.59	24.83	25.04	24.59	27.83	<=30	Pass
		Inner 1RB Left	21.99	21.85	24.93	24.99	24.85	27.93	<=30	Pass
		Inner 1RB Right	21.95	21.46	24.73	24.95	24.46	27.72	<=30	Pass
	3500.01	Edge 1RB Left	19.91	19.35	22.65	22.91	22.35	25.65	<=30	Pass
		Edge 1RB Right	19.95	19.40	22.70	22.95	22.40	25.69	<=30	Pass
		Outer Full	20.37	19.88	23.14	23.37	22.88	26.14	<=30	Pass
		Inner Full	21.92	21.30	24.64	24.92	24.30	27.63	<=30	Pass
		Inner 1RB Left	21.94	21.23	24.61	24.94	24.23	27.61	<=30	Pass
		Inner 1RB Right	21.96	21.39	24.69	24.96	24.39	27.69	<=30	Pass
	3540	Edge 1RB Left	19.73	19.57	22.66	22.73	22.57	25.66	<=30	Pass
		Edge 1RB Right	19.83	19.21	22.54	22.83	22.21	25.54	<=30	Pass
		Outer Full	20.20	19.88	23.06	23.20	22.88	26.05	<=30	Pass
		Inner Full	21.66	21.37	24.53	24.66	24.37	27.53	<=30	Pass
		Inner 1RB Left	21.61	21.49	24.56	24.61	24.49	27.56	<=30	Pass
		Inner 1RB Right	21.76	21.25	24.52	24.76	24.25	27.52	<=30	Pass
CP-OFDM 16 QAM	3460.02	Edge 1RB Left	20.12	20.07	23.10	23.12	23.07	26.11	<=30	Pass
		Edge 1RB Right	20.11	19.56	22.85	23.11	22.56	25.85	<=30	Pass
		Outer Full	20.52	20.16	23.35	23.52	23.16	26.35	<=30	Pass
		Inner Full	21.66	21.23	24.46	24.66	24.23	27.46	<=30	Pass
		Inner 1RB Left	21.50	21.47	24.49	24.50	24.47	27.50	<=30	Pass
		Inner 1RB Right	21.59	20.96	24.30	24.59	23.96	27.30	<=30	Pass
	3500.01	Edge 1RB Left	19.91	19.32	22.63	22.91	22.32	25.64	<=30	Pass
		Edge 1RB Right	19.91	19.34	22.64	22.91	22.34	25.64	<=30	Pass
		Outer Full	20.46	19.90	23.20	23.46	22.90	26.20	<=30	Pass
		Inner Full	21.47	20.84	24.18	24.47	23.84	27.18	<=30	Pass
		Inner 1RB Left	21.39	20.89	24.16	24.39	23.89	27.16	<=30	Pass
		Inner 1RB Right	21.42	20.86	24.16	24.42	23.86	27.16	<=30	Pass
	3540	Edge 1RB Left	19.71	19.52	22.62	22.71	22.52	25.63	<=30	Pass
		Edge 1RB Right	19.80	19.24	22.54	22.80	22.24	25.54	<=30	Pass
		Outer Full	20.16	19.99	23.09	23.16	22.99	26.09	<=30	Pass
		Inner Full	21.23	20.97	24.12	24.23	23.97	27.11	<=30	Pass
		Inner 1RB Left	21.09	21.08	24.09	24.09	24.08	27.10	<=30	Pass
		Inner 1RB Right	21.21	20.83	24.04	24.21	23.83	27.03	<=30	Pass
CP-OFDM 64 QAM	3460.02	Edge 1RB Left	19.93	19.66	22.81	22.93	22.66	25.81	<=30	Pass
		Edge 1RB Right	20.03	19.31	22.69	23.03	22.31	25.70	<=30	Pass
		Outer Full	20.04	19.72	22.89	23.04	22.72	25.89	<=30	Pass
		Inner Full	20.09	19.63	22.87	23.09	22.63	25.88	<=30	Pass
		Inner 1RB Left	19.95	19.69	22.83	22.95	22.69	25.83	<=30	Pass
		Inner 1RB Right	20.01	19.33	22.70	23.01	22.33	25.69	<=30	Pass
	3500.01	Edge 1RB Left	19.92	19.18	22.58	22.92	22.18	25.58	<=30	Pass
		Edge 1RB Right	19.98	19.28	22.66	22.98	22.28	25.65	<=30	Pass
		Outer Full	19.99	19.31	22.67	22.99	22.31	25.67	<=30	Pass
		Inner Full	19.93	19.28	22.62	22.93	22.28	25.63	<=30	Pass

		Inner_1RB_Left	19.87	19.20	22.56	22.87	22.20	25.56	<=30	Pass
		Inner_1RB_Right	19.94	19.17	22.58	22.94	22.17	25.58	<=30	Pass
CP-OFDM 256 QAM	3540	Edge_1RB_Left	19.61	19.26	22.45	22.61	22.26	25.45	<=30	Pass
		Edge_1RB_Right	19.75	18.98	22.39	22.75	21.98	25.39	<=30	Pass
		Outer_Full	19.75	19.43	22.60	22.75	22.43	25.60	<=30	Pass
		Inner_Full	19.65	19.40	22.54	22.65	22.40	25.54	<=30	Pass
		Inner_1RB_Left	19.67	19.31	22.50	22.67	22.31	25.50	<=30	Pass
		Inner_1RB_Right	19.74	19.02	22.41	22.74	22.02	25.41	<=30	Pass
	3460.02	Edge_1RB_Left	17.30	16.79	20.06	20.30	19.79	23.06	<=30	Pass
		Edge_1RB_Right	17.17	16.42	19.82	20.17	19.42	22.82	<=30	Pass
		Outer_Full	17.13	16.69	19.93	20.13	19.69	22.93	<=30	Pass
		Inner_Full	17.06	16.69	19.89	20.06	19.69	22.89	<=30	Pass
		Inner_1RB_Left	17.22	16.78	20.02	20.22	19.78	23.02	<=30	Pass
		Inner_1RB_Right	17.22	16.36	19.82	20.22	19.36	22.82	<=30	Pass
	3500.01	Edge_1RB_Left	17.06	16.14	19.63	20.06	19.14	22.63	<=30	Pass
		Edge_1RB_Right	17.10	16.19	19.68	20.10	19.19	22.68	<=30	Pass
		Outer_Full	16.98	16.35	19.69	19.98	19.35	22.69	<=30	Pass
		Inner_Full	16.93	16.42	19.69	19.93	19.42	22.69	<=30	Pass
		Inner_1RB_Left	17.19	16.13	19.71	20.19	19.13	22.70	<=30	Pass
		Inner_1RB_Right	17.14	16.19	19.70	20.14	19.19	22.70	<=30	Pass
	3540	Edge_1RB_Left	16.79	16.37	19.59	19.79	19.37	22.60	<=30	Pass
		Edge_1RB_Right	16.91	16.09	19.53	19.91	19.09	22.53	<=30	Pass
		Outer_Full	16.74	16.41	19.59	19.74	19.41	22.59	<=30	Pass
		Inner_Full	16.69	16.53	19.62	19.69	19.53	22.62	<=30	Pass
		Inner_1RB_Left	16.78	16.44	19.62	19.78	19.44	22.62	<=30	Pass
		Inner_1RB_Right	16.88	16.13	19.53	19.88	19.13	22.53	<=30	Pass

Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.2 30_M_30M_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 30MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3465	Edge_1RB_Left	20.37	20.02	23.21	23.37	23.02	26.21	<=30	Pass
		Edge_1RB_Right	19.98	19.48	22.75	22.98	22.48	25.75	<=30	Pass
		Outer_Full	20.63	20.16	23.41	23.63	23.16	26.41	<=30	Pass
		Inner_Full	22.18	21.55	24.89	25.18	24.55	27.89	<=30	Pass
		Inner_1RB_Left	22.36	21.86	25.13	25.36	24.86	28.13	<=30	Pass
		Inner_1RB_Right	22.25	21.34	24.83	25.25	24.34	27.83	<=30	Pass
	3500.01	Edge_1RB_Left	20.11	19.64	22.89	23.11	22.64	25.89	<=30	Pass
		Edge_1RB_Right	19.96	19.56	22.78	22.96	22.56	25.77	<=30	Pass
		Outer_Full	20.55	20.07	23.33	23.55	23.07	26.33	<=30	Pass
		Inner_Full	22.05	21.50	24.79	25.05	24.50	27.79	<=30	Pass
		Inner_1RB_Left	22.12	21.44	24.80	25.12	24.44	27.80	<=30	Pass
		Inner_1RB_Right	22.31	21.61	24.99	25.31	24.61	27.98	<=30	Pass
	3534.99	Edge_1RB_Left	19.97	19.63	22.81	22.97	22.63	25.81	<=30	Pass
		Edge_1RB_Right	19.98	19.55	22.78	22.98	22.55	25.78	<=30	Pass
		Outer_Full	20.31	20.07	23.20	23.31	23.07	26.20	<=30	Pass
		Inner_Full	21.88	21.63	24.77	24.88	24.63	27.77	<=30	Pass
		Inner_1RB_Left	22.04	21.49	24.78	25.04	24.49	27.78	<=30	Pass
		Inner_1RB_Right	22.05	21.50	24.79	25.05	24.50	27.79	<=30	Pass
CP-OFDM 16	3465	Edge_1RB_Left	20.23	19.82	23.04	23.23	22.82	26.04	<=30	Pass

QAM		Edge_1RB_Right	19.96	19.17	22.60	22.96	22.17	25.59	<=30	Pass
		Outer_Full	20.62	20.14	23.40	23.62	23.14	26.40	<=30	Pass
		Inner_Full	21.57	21.11	24.36	24.57	24.11	27.36	<=30	Pass
		Inner_1RB_Left	21.56	21.34	24.46	24.56	24.34	27.46	<=30	Pass
		Inner_1RB_Right	21.39	20.79	24.11	24.39	23.79	27.11	<=30	Pass
	3500.01	Edge_1RB_Left	19.94	19.37	22.67	22.94	22.37	25.67	<=30	Pass
		Edge_1RB_Right	19.91	19.47	22.71	22.91	22.47	25.71	<=30	Pass
		Outer_Full	20.56	19.99	23.29	23.56	22.99	26.29	<=30	Pass
		Inner_Full	21.54	21.02	24.29	24.54	24.02	27.30	<=30	Pass
		Inner_1RB_Left	21.44	21.05	24.26	24.44	24.05	27.26	<=30	Pass
	3534.99	Inner_1RB_Right	21.44	20.94	24.21	24.44	23.94	27.21	<=30	Pass
		Edge_1RB_Left	19.77	19.54	22.66	22.77	22.54	25.67	<=30	Pass
		Edge_1RB_Right	19.90	19.43	22.69	22.90	22.43	25.68	<=30	Pass
		Outer_Full	20.36	20.13	23.26	23.36	23.13	26.26	<=30	Pass
		Inner_Full	21.35	21.20	24.29	24.35	24.20	27.29	<=30	Pass
CP-OFDM 64 QAM	3465	Inner_1RB_Left	21.33	21.11	24.23	24.33	24.11	27.23	<=30	Pass
		Inner_1RB_Right	21.36	21.09	24.23	24.36	24.09	27.24	<=30	Pass
		Edge_1RB_Left	20.23	19.88	23.07	23.23	22.88	26.07	<=30	Pass
		Edge_1RB_Right	19.93	19.24	22.61	22.93	22.24	25.61	<=30	Pass
		Outer_Full	20.11	19.58	22.86	23.11	22.58	25.86	<=30	Pass
	3500.01	Inner_Full	20.06	19.53	22.82	23.06	22.53	25.81	<=30	Pass
		Inner_1RB_Left	20.08	19.78	22.94	23.08	22.78	25.94	<=30	Pass
		Inner_1RB_Right	20.02	19.26	22.67	23.02	22.26	25.67	<=30	Pass
		Edge_1RB_Left	19.97	19.40	22.71	22.97	22.40	25.70	<=30	Pass
		Edge_1RB_Right	19.92	19.39	22.67	22.92	22.39	25.67	<=30	Pass
	3534.99	Outer_Full	20.02	19.51	22.78	23.02	22.51	25.78	<=30	Pass
		Inner_Full	19.95	19.43	22.71	22.95	22.43	25.71	<=30	Pass
		Inner_1RB_Left	19.98	19.32	22.67	22.98	22.32	25.67	<=30	Pass
		Inner_1RB_Right	20.00	19.41	22.72	23.00	22.41	25.73	<=30	Pass
		Edge_1RB_Left	19.82	19.45	22.65	22.82	22.45	25.65	<=30	Pass
CP-OFDM 256 QAM	3465	Edge_1RB_Right	19.92	19.42	22.69	22.92	22.42	25.69	<=30	Pass
		Outer_Full	19.85	19.63	22.75	22.85	22.63	25.75	<=30	Pass
		Inner_Full	19.71	19.65	22.69	22.71	22.65	25.69	<=30	Pass
		Inner_1RB_Left	19.84	19.41	22.64	22.84	22.41	25.64	<=30	Pass
		Inner_1RB_Right	20.00	19.38	22.71	23.00	22.38	25.71	<=30	Pass
	3500.01	Edge_1RB_Left	17.52	17.07	20.31	20.52	20.07	23.31	<=30	Pass
		Edge_1RB_Right	17.08	16.14	19.65	20.08	19.14	22.65	<=30	Pass
		Outer_Full	17.03	16.61	19.84	20.03	19.61	22.84	<=30	Pass
		Inner_Full	17.08	16.58	19.84	20.08	19.58	22.85	<=30	Pass
		Inner_1RB_Left	17.33	16.77	20.07	20.33	19.77	23.07	<=30	Pass
	3534.99	Inner_1RB_Right	17.12	16.25	19.72	20.12	19.25	22.72	<=30	Pass
		Edge_1RB_Left	17.20	16.42	19.84	20.20	19.42	22.84	<=30	Pass
		Edge_1RB_Right	17.10	16.31	19.73	20.10	19.31	22.73	<=30	Pass
		Outer_Full	17.09	16.52	19.82	20.09	19.52	22.82	<=30	Pass
		Inner_Full	17.12	16.50	19.83	20.12	19.50	22.83	<=30	Pass
		Inner_1RB_Left	17.19	16.30	19.78	20.19	19.30	22.78	<=30	Pass
		Inner_1RB_Right	17.13	16.46	19.82	20.13	19.46	22.82	<=30	Pass
	3500.01	Edge_1RB_Left	16.99	16.45	19.74	19.99	19.45	22.74	<=30	Pass
		Edge_1RB_Right	17.15	16.29	19.75	20.15	19.29	22.75	<=30	Pass
		Outer_Full	16.81	16.62	19.72	19.81	19.62	22.73	<=30	Pass
		Inner_Full	16.89	16.62	19.77	19.89	19.62	22.77	<=30	Pass
3534.99	Inner_1RB_Left	17.05	16.45	19.77	20.05	19.45	22.77	<=30	Pass	
	Inner_1RB_Right	17.03	16.35	19.71	20.03	19.35	22.71	<=30	Pass	
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.3 30_M_40M_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3470.01	Edge 1RB Left	20.33	20.14	23.24	23.33	23.14	26.25	<=30	Pass
		Edge 1RB Right	20.07	19.52	22.81	23.07	22.52	25.81	<=30	Pass
		Outer Full	20.60	20.13	23.38	23.60	23.13	26.38	<=30	Pass
		Inner Full	22.09	21.60	24.86	25.09	24.60	27.86	<=30	Pass
		Inner 1RB Left	22.27	22.04	25.17	25.27	25.04	28.17	<=30	Pass
		Inner 1RB Right	22.28	21.47	24.90	25.28	24.47	27.90	<=30	Pass
	3500.01	Edge 1RB Left	20.02	19.60	22.83	23.02	22.60	25.83	<=30	Pass
		Edge 1RB Right	19.99	19.45	22.74	22.99	22.45	25.74	<=30	Pass
		Outer Full	20.46	20.06	23.27	23.46	23.06	26.27	<=30	Pass
		Inner Full	22.10	21.57	24.85	25.10	24.57	27.85	<=30	Pass
		Inner 1RB Left	22.16	21.49	24.85	25.16	24.49	27.85	<=30	Pass
		Inner 1RB Right	21.97	21.46	24.73	24.97	24.46	27.73	<=30	Pass
	3529.98	Edge 1RB Left	20.08	19.63	22.87	23.08	22.63	25.87	<=30	Pass
		Edge 1RB Right	19.88	19.41	22.66	22.88	22.41	25.66	<=30	Pass
		Outer Full	20.30	20.05	23.19	23.30	23.05	26.19	<=30	Pass
		Inner Full	21.75	21.51	24.64	24.75	24.51	27.64	<=30	Pass
		Inner 1RB Left	22.11	21.54	24.85	25.11	24.54	27.84	<=30	Pass
		Inner 1RB Right	21.96	21.40	24.70	24.96	24.40	27.70	<=30	Pass
CP-OFDM 16 QAM	3470.01	Edge 1RB Left	20.23	20.05	23.15	23.23	23.05	26.15	<=30	Pass
		Edge 1RB Right	20.03	19.49	22.78	23.03	22.49	25.78	<=30	Pass
		Outer Full	20.59	20.16	23.39	23.59	23.16	26.39	<=30	Pass
		Inner Full	21.57	21.13	24.37	24.57	24.13	27.37	<=30	Pass
		Inner 1RB Left	21.86	21.72	24.80	24.86	24.72	27.80	<=30	Pass
		Inner 1RB Right	21.59	20.98	24.31	24.59	23.98	27.31	<=30	Pass
	3500.01	Edge 1RB Left	20.01	19.47	22.76	23.01	22.47	25.76	<=30	Pass
		Edge 1RB Right	19.80	19.48	22.65	22.80	22.48	25.65	<=30	Pass
		Outer Full	20.51	19.94	23.24	23.51	22.94	26.24	<=30	Pass
		Inner Full	21.60	20.99	24.32	24.60	23.99	27.32	<=30	Pass
		Inner 1RB Left	21.48	21.04	24.27	24.48	24.04	27.28	<=30	Pass
		Inner 1RB Right	21.38	20.95	24.18	24.38	23.95	27.18	<=30	Pass
	3529.98	Edge 1RB Left	20.12	19.51	22.84	23.12	22.51	25.84	<=30	Pass
		Edge 1RB Right	19.91	19.47	22.70	22.91	22.47	25.71	<=30	Pass
		Outer Full	20.24	20.01	23.14	23.24	23.01	26.14	<=30	Pass
		Inner Full	21.29	21.06	24.18	24.29	24.06	27.19	<=30	Pass
		Inner 1RB Left	21.53	20.97	24.27	24.53	23.97	27.27	<=30	Pass
		Inner 1RB Right	21.31	20.96	24.15	24.31	23.96	27.15	<=30	Pass
CP-OFDM 64 QAM	3470.01	Edge 1RB Left	20.30	20.04	23.18	23.30	23.04	26.18	<=30	Pass
		Edge 1RB Right	20.08	19.35	22.74	23.08	22.35	25.74	<=30	Pass
		Outer Full	20.12	19.63	22.89	23.12	22.63	25.89	<=30	Pass
		Inner Full	20.12	19.55	22.86	23.12	22.55	25.85	<=30	Pass
		Inner 1RB Left	20.31	19.97	23.15	23.31	22.97	26.15	<=30	Pass
		Inner 1RB Right	20.05	19.33	22.71	23.05	22.33	25.72	<=30	Pass
	3500.01	Edge 1RB Left	20.05	19.52	22.80	23.05	22.52	25.80	<=30	Pass
		Edge 1RB Right	19.81	19.35	22.60	22.81	22.35	25.60	<=30	Pass
		Outer Full	20.02	19.49	22.77	23.02	22.49	25.77	<=30	Pass
		Inner Full	20.08	19.45	22.79	23.08	22.45	25.79	<=30	Pass
		Inner 1RB Left	20.05	19.36	22.73	23.05	22.36	25.73	<=30	Pass
		Inner 1RB Right	19.89	19.35	22.64	22.89	22.35	25.64	<=30	Pass

CP-OFDM 256 QAM	3529.98	Edge_1RB_Left	20.08	19.55	22.83	23.08	22.55	25.83	<=30	Pass
		Edge_1RB_Right	19.87	19.34	22.62	22.87	22.34	25.62	<=30	Pass
		Outer_Full	19.80	19.52	22.67	22.80	22.52	25.67	<=30	Pass
		Inner_Full	19.79	19.51	22.66	22.79	22.51	25.66	<=30	Pass
		Inner_1RB_Left	20.07	19.41	22.76	23.07	22.41	25.76	<=30	Pass
		Inner_1RB_Right	19.85	19.25	22.57	22.85	22.25	25.57	<=30	Pass
	3470.01	Edge_1RB_Left	17.52	17.07	20.31	20.52	20.07	23.31	<=30	Pass
		Edge_1RB_Right	17.20	16.44	19.85	20.20	19.44	22.85	<=30	Pass
		Outer_Full	17.13	16.62	19.89	20.13	19.62	22.89	<=30	Pass
		Inner_Full	17.21	16.54	19.90	20.21	19.54	22.90	<=30	Pass
		Inner_1RB_Left	17.42	17.12	20.28	20.42	20.12	23.28	<=30	Pass
		Inner_1RB_Right	17.35	16.46	19.93	20.35	19.46	22.94	<=30	Pass
	3500.01	Edge_1RB_Left	17.22	16.41	19.84	20.22	19.41	22.84	<=30	Pass
		Edge_1RB_Right	16.91	16.55	19.74	19.91	19.55	22.74	<=30	Pass
		Outer_Full	17.00	16.48	19.76	20.00	19.48	22.76	<=30	Pass
		Inner_Full	17.09	16.49	19.81	20.09	19.49	22.81	<=30	Pass
		Inner_1RB_Left	17.13	16.47	19.82	20.13	19.47	22.82	<=30	Pass
		Inner_1RB_Right	17.05	16.45	19.77	20.05	19.45	22.77	<=30	Pass
	3529.98	Edge_1RB_Left	17.22	16.48	19.88	20.22	19.48	22.88	<=30	Pass
		Edge_1RB_Right	17.01	16.42	19.74	20.01	19.42	22.74	<=30	Pass
		Outer_Full	16.79	16.55	19.68	19.79	19.55	22.68	<=30	Pass
		Inner_Full	16.80	16.55	19.69	19.80	19.55	22.69	<=30	Pass
		Inner_1RB_Left	17.21	16.40	19.83	20.21	19.40	22.83	<=30	Pass
		Inner_1RB_Right	17.01	16.24	19.65	20.01	19.24	22.65	<=30	Pass

Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi;
Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2

1.1.4 30_M_50M_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 50MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3475.02	Edge_1RB_Left	19.74	19.66	22.71	22.74	22.66	25.71	<=30	Pass
		Edge_1RB_Right	19.83	19.18	22.53	22.83	22.18	25.53	<=30	Pass
		Outer_Full	20.27	19.70	23.00	23.27	22.70	26.00	<=30	Pass
		Inner_Full	21.60	21.17	24.40	24.60	24.17	27.40	<=30	Pass
		Inner_1RB_Left	21.79	21.57	24.69	24.79	24.57	27.69	<=30	Pass
		Inner_1RB_Right	21.82	21.01	24.45	24.82	24.01	27.44	<=30	Pass
	3500.01	Edge_1RB_Left	19.56	19.13	22.36	22.56	22.13	25.36	<=30	Pass
		Edge_1RB_Right	19.53	19.13	22.35	22.53	22.13	25.34	<=30	Pass
		Outer_Full	20.19	19.72	22.97	23.19	22.72	25.97	<=30	Pass
		Inner_Full	21.73	21.21	24.49	24.73	24.21	27.49	<=30	Pass
		Inner_1RB_Left	21.74	20.95	24.37	24.74	23.95	27.37	<=30	Pass
		Inner_1RB_Right	21.56	21.17	24.38	24.56	24.17	27.38	<=30	Pass
	3525	Edge_1RB_Left	19.86	19.23	22.56	22.86	22.23	25.57	<=30	Pass
		Edge_1RB_Right	19.45	19.08	22.28	22.45	22.08	25.28	<=30	Pass
		Outer_Full	20.04	19.65	22.86	23.04	22.65	25.86	<=30	Pass
		Inner_Full	21.47	21.10	24.30	24.47	24.10	27.30	<=30	Pass
		Inner_1RB_Left	21.90	21.15	24.55	24.90	24.15	27.55	<=30	Pass
		Inner_1RB_Right	21.43	20.92	24.19	24.43	23.92	27.19	<=30	Pass
CP-OFDM 16 QAM	3475.02	Edge_1RB_Left	19.80	19.61	22.71	22.80	22.61	25.72	<=30	Pass
		Edge_1RB_Right	19.75	19.17	22.48	22.75	22.17	25.48	<=30	Pass
		Outer_Full	20.21	19.76	23.00	23.21	22.76	26.00	<=30	Pass

		Inner_Full	21.14	20.64	23.91	24.14	23.64	26.91	<=30	Pass
		Inner_1RB_Left	21.22	21.11	24.17	24.22	24.11	27.18	<=30	Pass
		Inner_1RB_Right	21.21	20.77	24.01	24.21	23.77	27.01	<=30	Pass
	3500.01	Edge_1RB_Left	19.51	19.10	22.32	22.51	22.10	25.32	<=30	Pass
		Edge_1RB_Right	19.46	19.15	22.32	22.46	22.15	25.32	<=30	Pass
		Outer_Full	20.13	19.71	22.94	23.13	22.71	25.94	<=30	Pass
		Inner_Full	21.23	20.74	24.00	24.23	23.74	27.00	<=30	Pass
		Inner_1RB_Left	21.03	20.66	23.86	24.03	23.66	26.86	<=30	Pass
		Inner_1RB_Right	20.89	20.70	23.80	23.89	23.70	26.81	<=30	Pass
		3525	Edge_1RB_Left	19.71	19.32	22.53	22.71	22.32	25.53	<=30
	Edge_1RB_Right		19.46	18.87	22.18	22.46	21.87	25.19	<=30	Pass
	Outer_Full		20.06	19.70	22.90	23.06	22.70	25.89	<=30	Pass
	Inner_Full		20.88	20.66	23.78	23.88	23.66	26.78	<=30	Pass
	Inner_1RB_Left		21.18	20.74	23.98	24.18	23.74	26.98	<=30	Pass
	Inner_1RB_Right		20.97	20.43	23.72	23.97	23.43	26.72	<=30	Pass
CP-OFDM 64 QAM	3475.02	Edge_1RB_Left	19.71	19.39	22.56	22.71	22.39	25.56	<=30	Pass
		Edge_1RB_Right	19.64	19.02	22.35	22.64	22.02	25.35	<=30	Pass
		Outer_Full	19.68	19.21	22.46	22.68	22.21	25.46	<=30	Pass
		Inner_Full	19.62	19.19	22.42	22.62	22.19	25.42	<=30	Pass
		Inner_1RB_Left	19.74	19.46	22.61	22.74	22.46	25.61	<=30	Pass
		Inner_1RB_Right	19.67	19.06	22.39	22.67	22.06	25.39	<=30	Pass
	3500.01	Edge_1RB_Left	19.53	18.95	22.26	22.53	21.95	25.26	<=30	Pass
		Edge_1RB_Right	19.23	19.05	22.15	22.23	22.05	25.15	<=30	Pass
		Outer_Full	19.59	19.20	22.41	22.59	22.20	25.41	<=30	Pass
		Inner_Full	19.70	19.29	22.51	22.70	22.29	25.51	<=30	Pass
		Inner_1RB_Left	19.46	18.88	22.19	22.46	21.88	25.19	<=30	Pass
		Inner_1RB_Right	19.19	18.98	22.10	22.19	21.98	25.10	<=30	Pass
	3525	Edge_1RB_Left	19.65	18.91	22.31	22.65	21.91	25.31	<=30	Pass
		Edge_1RB_Right	19.42	18.78	22.12	22.42	21.78	25.12	<=30	Pass
		Outer_Full	19.43	19.09	22.27	22.43	22.09	25.27	<=30	Pass
		Inner_Full	19.34	19.22	22.29	22.34	22.22	25.29	<=30	Pass
		Inner_1RB_Left	19.74	19.04	22.41	22.74	22.04	25.41	<=30	Pass
		Inner_1RB_Right	19.26	18.78	22.04	22.26	21.78	25.04	<=30	Pass
CP-OFDM 256 QAM	3475.02	Edge_1RB_Left	16.95	16.42	19.70	19.95	19.42	22.70	<=30	Pass
		Edge_1RB_Right	16.86	16.06	19.49	19.86	19.06	22.49	<=30	Pass
		Outer_Full	16.69	16.16	19.44	19.69	19.16	22.44	<=30	Pass
		Inner_Full	16.64	16.16	19.42	19.64	19.16	22.42	<=30	Pass
		Inner_1RB_Left	16.90	16.40	19.67	19.90	19.40	22.67	<=30	Pass
		Inner_1RB_Right	16.76	16.05	19.43	19.76	19.05	22.43	<=30	Pass
	3500.01	Edge_1RB_Left	16.73	16.00	19.39	19.73	19.00	22.39	<=30	Pass
		Edge_1RB_Right	16.42	15.93	19.19	19.42	18.93	22.19	<=30	Pass
		Outer_Full	16.63	16.18	19.42	19.63	19.18	22.42	<=30	Pass
		Inner_Full	16.75	16.35	19.56	19.75	19.35	22.56	<=30	Pass
		Inner_1RB_Left	16.86	16.18	19.54	19.86	19.18	22.54	<=30	Pass
		Inner_1RB_Right	16.53	16.00	19.28	19.53	19.00	22.28	<=30	Pass
	3525	Edge_1RB_Left	16.91	16.08	19.53	19.91	19.08	22.53	<=30	Pass
		Edge_1RB_Right	16.62	15.69	19.19	19.62	18.69	22.19	<=30	Pass
		Outer_Full	16.45	16.02	19.25	19.45	19.02	22.25	<=30	Pass
		Inner_Full	16.38	16.10	19.25	19.38	19.10	22.25	<=30	Pass
		Inner_1RB_Left	16.96	16.03	19.53	19.96	19.03	22.53	<=30	Pass
		Inner_1RB_Right	16.46	15.72	19.12	19.46	18.72	22.12	<=30	Pass
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.5 30_M_60M_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 60MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3480	Edge 1RB Left	20.02	19.75	22.90	23.02	22.75	25.90	<=30	Pass
		Edge 1RB Right	19.62	19.07	22.36	22.62	22.07	25.36	<=30	Pass
		Outer Full	20.25	19.76	23.03	23.25	22.76	26.02	<=30	Pass
		Inner Full	21.64	21.02	24.35	24.64	24.02	27.35	<=30	Pass
		Inner 1RB Left	21.86	21.67	24.78	24.86	24.67	27.78	<=30	Pass
	3500.01	Inner 1RB Right	21.75	21.03	24.41	24.75	24.03	27.42	<=30	Pass
		Edge 1RB Left	19.71	19.38	22.56	22.71	22.38	25.56	<=30	Pass
		Edge 1RB Right	19.46	19.29	22.39	22.46	22.29	25.39	<=30	Pass
		Outer Full	20.16	19.66	22.93	23.16	22.66	25.93	<=30	Pass
		Inner Full	21.66	21.18	24.44	24.66	24.18	27.44	<=30	Pass
	3519.99	Inner 1RB Left	21.70	21.24	24.49	24.70	24.24	27.49	<=30	Pass
		Inner 1RB Right	21.41	21.14	24.29	24.41	24.14	27.29	<=30	Pass
		Edge 1RB Left	19.77	19.13	22.47	22.77	22.13	25.47	<=30	Pass
		Edge 1RB Right	19.47	18.88	22.19	22.47	21.88	25.20	<=30	Pass
		Outer Full	20.10	19.69	22.91	23.10	22.69	25.91	<=30	Pass
CP-OFDM 16 QAM	3480	Inner Full	21.43	21.14	24.30	24.43	24.14	27.30	<=30	Pass
		Inner 1RB Left	21.85	20.98	24.45	24.85	23.98	27.45	<=30	Pass
		Inner 1RB Right	21.55	20.88	24.24	24.55	23.88	27.24	<=30	Pass
	3500.01	Edge 1RB Left	19.76	19.59	22.69	22.76	22.59	25.69	<=30	Pass
		Edge 1RB Right	19.78	19.07	22.45	22.78	22.07	25.45	<=30	Pass
		Outer Full	20.25	19.67	22.98	23.25	22.67	25.98	<=30	Pass
		Inner Full	21.22	20.53	23.90	24.22	23.53	26.90	<=30	Pass
	3519.99	Inner 1RB Left	21.25	21.15	24.21	24.25	24.15	27.21	<=30	Pass
		Inner 1RB Right	21.10	20.51	23.83	24.10	23.51	26.83	<=30	Pass
		Edge 1RB Left	19.64	19.19	22.43	22.64	22.19	25.43	<=30	Pass
		Edge 1RB Right	19.15	19.18	22.17	22.15	22.18	25.18	<=30	Pass
		Outer Full	20.12	19.69	22.92	23.12	22.69	25.92	<=30	Pass
CP-OFDM 64 QAM	3480	Inner Full	21.19	20.66	23.94	24.19	23.66	26.94	<=30	Pass
		Inner 1RB Left	21.11	20.79	23.97	24.11	23.79	26.96	<=30	Pass
		Inner 1RB Right	20.85	20.74	23.81	23.85	23.74	26.81	<=30	Pass
	3500.01	Edge 1RB Left	19.74	19.29	22.53	22.74	22.29	25.53	<=30	Pass
		Edge 1RB Right	19.44	19.04	22.25	22.44	22.04	25.25	<=30	Pass
		Outer Full	20.03	19.66	22.86	23.03	22.66	25.86	<=30	Pass
		Inner Full	21.01	20.57	23.81	24.01	23.57	26.81	<=30	Pass
	3519.99	Inner 1RB Left	21.11	20.61	23.88	24.11	23.61	26.88	<=30	Pass
		Inner 1RB Right	20.82	20.41	23.63	23.82	23.41	26.63	<=30	Pass
		Edge 1RB Left	19.79	19.50	22.66	22.79	22.50	25.66	<=30	Pass
		Edge 1RB Right	19.71	18.89	22.33	22.71	21.89	25.33	<=30	Pass
		Outer Full	19.70	19.15	22.44	22.70	22.15	25.44	<=30	Pass
CP-OFDM 64 QAM	3480	Inner Full	19.67	19.12	22.41	22.67	22.12	25.41	<=30	Pass
		Inner 1RB Left	19.92	19.43	22.69	22.92	22.43	25.69	<=30	Pass
		Inner 1RB Right	19.75	18.86	22.34	22.75	21.86	25.34	<=30	Pass
	3500.01	Edge 1RB Left	19.64	19.16	22.42	22.64	22.16	25.42	<=30	Pass
		Edge 1RB Right	19.24	19.05	22.15	22.24	22.05	25.16	<=30	Pass
		Outer Full	19.59	19.12	22.37	22.59	22.12	25.37	<=30	Pass
		Inner Full	19.70	19.16	22.45	22.70	22.16	25.45	<=30	Pass
	3519.99	Inner 1RB Left	19.66	19.14	22.42	22.66	22.14	25.42	<=30	Pass
		Inner 1RB Right	19.20	19.02	22.12	22.20	22.02	25.12	<=30	Pass
		Edge 1RB Left	19.76	18.91	22.37	22.76	21.91	25.37	<=30	Pass
		Edge 1RB Right	19.44	18.83	22.16	22.44	21.83	25.16	<=30	Pass
		Outer Full	19.54	19.12	22.35	22.54	22.12	25.35	<=30	Pass

CP-OFDM 256 QAM		Inner_Full	19.46	19.12	22.31	22.46	22.12	25.30	<=30	Pass
		Inner_1RB_Left	19.84	18.92	22.42	22.84	21.92	25.41	<=30	Pass
		Inner_1RB_Right	19.54	18.82	22.20	22.54	21.82	25.21	<=30	Pass
	3480	Edge_1RB_Left	16.95	16.54	19.76	19.95	19.54	22.76	<=30	Pass
		Edge_1RB_Right	16.82	15.84	19.37	19.82	18.84	22.37	<=30	Pass
		Outer_Full	16.79	16.20	19.52	19.79	19.20	22.52	<=30	Pass
		Inner_Full	16.66	16.17	19.44	19.66	19.17	22.43	<=30	Pass
		Inner_1RB_Left	16.98	16.45	19.73	19.98	19.45	22.73	<=30	Pass
		Inner_1RB_Right	16.76	15.94	19.38	19.76	18.94	22.38	<=30	Pass
	3500.01	Edge_1RB_Left	16.93	16.21	19.60	19.93	19.21	22.60	<=30	Pass
		Edge_1RB_Right	16.39	16.05	19.23	19.39	19.05	22.23	<=30	Pass
		Outer_Full	16.59	16.20	19.41	19.59	19.20	22.41	<=30	Pass
		Inner_Full	16.70	16.22	19.47	19.70	19.22	22.48	<=30	Pass
		Inner_1RB_Left	16.90	16.10	19.53	19.90	19.10	22.53	<=30	Pass
		Inner_1RB_Right	16.61	16.04	19.34	19.61	19.04	22.34	<=30	Pass
	3519.99	Edge_1RB_Left	16.84	15.93	19.42	19.84	18.93	22.42	<=30	Pass
		Edge_1RB_Right	16.48	15.68	19.11	19.48	18.68	22.11	<=30	Pass
		Outer_Full	16.61	16.12	19.38	19.61	19.12	22.38	<=30	Pass
		Inner_Full	16.44	16.04	19.26	19.44	19.04	22.25	<=30	Pass
		Inner_1RB_Left	16.90	15.87	19.43	19.90	18.87	22.43	<=30	Pass
		Inner_1RB_Right	16.55	15.83	19.22	19.55	18.83	22.22	<=30	Pass
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.6 30_M_70M_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 70MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3485.01	Edge_1RB_Left	19.82	19.52	22.68	22.82	22.52	25.68	<=30	Pass
		Edge_1RB_Right	19.53	18.90	22.24	22.53	21.90	25.24	<=30	Pass
		Outer_Full	19.99	19.55	22.79	22.99	22.55	25.79	<=30	Pass
		Inner_Full	21.48	21.00	24.26	24.48	24.00	27.26	<=30	Pass
		Inner_1RB_Left	21.78	21.42	24.61	24.78	24.42	27.61	<=30	Pass
		Inner_1RB_Right	21.41	20.91	24.18	24.41	23.91	27.18	<=30	Pass
	3500.01	Edge_1RB_Left	19.77	19.25	22.53	22.77	22.25	25.53	<=30	Pass
		Edge_1RB_Right	19.37	19.06	22.23	22.37	22.06	25.23	<=30	Pass
		Outer_Full	19.96	19.56	22.77	22.96	22.56	25.77	<=30	Pass
		Inner_Full	21.53	20.94	24.26	24.53	23.94	27.26	<=30	Pass
		Inner_1RB_Left	21.77	21.17	24.49	24.77	24.17	27.49	<=30	Pass
		Inner_1RB_Right	21.28	21.01	24.16	24.28	24.01	27.16	<=30	Pass
	3514.98	Edge_1RB_Left	19.64	19.03	22.35	22.64	22.03	25.36	<=30	Pass
		Edge_1RB_Right	19.37	18.89	22.15	22.37	21.89	25.15	<=30	Pass
		Outer_Full	19.96	19.63	22.81	22.96	22.63	25.81	<=30	Pass
		Inner_Full	21.44	21.12	24.30	24.44	24.12	27.29	<=30	Pass
		Inner_1RB_Left	21.52	21.05	24.30	24.52	24.05	27.30	<=30	Pass
		Inner_1RB_Right	21.57	20.94	24.28	24.57	23.94	27.28	<=30	Pass
CP-OFDM 16 QAM	3485.01	Edge_1RB_Left	19.74	19.42	22.59	22.74	22.42	25.59	<=30	Pass
		Edge_1RB_Right	19.19	18.74	21.98	22.19	21.74	24.98	<=30	Pass
		Outer_Full	20.03	19.55	22.81	23.03	22.55	25.81	<=30	Pass
		Inner_Full	21.07	20.58	23.84	24.07	23.58	26.84	<=30	Pass
		Inner_1RB_Left	21.18	21.07	24.14	24.18	24.07	27.14	<=30	Pass
		Inner_1RB_Right	20.70	20.37	23.55	23.70	23.37	26.55	<=30	Pass

	3500.01	Edge_1RB_Left	19.59	19.32	22.46	22.59	22.32	25.47	<=30	Pass
		Edge_1RB_Right	19.26	19.10	22.19	22.26	22.10	25.19	<=30	Pass
		Outer_Full	19.96	19.59	22.79	22.96	22.59	25.79	<=30	Pass
		Inner_Full	21.08	20.55	23.84	24.08	23.55	26.83	<=30	Pass
		Inner_1RB_Left	21.28	20.89	24.10	24.28	23.89	27.10	<=30	Pass
		Inner_1RB_Right	20.75	20.64	23.71	23.75	23.64	26.71	<=30	Pass
	3514.98	Edge_1RB_Left	19.43	18.97	22.22	22.43	21.97	25.22	<=30	Pass
		Edge_1RB_Right	19.40	18.85	22.14	22.40	21.85	25.14	<=30	Pass
		Outer_Full	19.95	19.54	22.76	22.95	22.54	25.76	<=30	Pass
		Inner_Full	21.01	20.67	23.86	24.01	23.67	26.85	<=30	Pass
		Inner_1RB_Left	20.89	20.58	23.75	23.89	23.58	26.75	<=30	Pass
		Inner_1RB_Right	20.87	20.45	23.68	23.87	23.45	26.68	<=30	Pass
CP-OFDM 64 QAM	3485.01	Edge_1RB_Left	19.67	19.46	22.58	22.67	22.46	25.58	<=30	Pass
		Edge_1RB_Right	19.14	18.79	21.98	22.14	21.79	24.98	<=30	Pass
		Outer_Full	19.62	19.13	22.39	22.62	22.13	25.39	<=30	Pass
		Inner_Full	19.58	19.00	22.31	22.58	22.00	25.31	<=30	Pass
		Inner_1RB_Left	19.75	19.44	22.61	22.75	22.44	25.61	<=30	Pass
		Inner_1RB_Right	19.24	18.94	22.11	22.24	21.94	25.10	<=30	Pass
	3500.01	Edge_1RB_Left	19.83	19.18	22.53	22.83	22.18	25.53	<=30	Pass
		Edge_1RB_Right	19.26	18.99	22.13	22.26	21.99	25.14	<=30	Pass
		Outer_Full	19.52	19.03	22.29	22.52	22.03	25.29	<=30	Pass
		Inner_Full	19.60	18.99	22.32	22.60	21.99	25.32	<=30	Pass
		Inner_1RB_Left	19.75	19.23	22.51	22.75	22.23	25.51	<=30	Pass
		Inner_1RB_Right	19.28	19.00	22.15	22.28	22.00	25.15	<=30	Pass
	3514.98	Edge_1RB_Left	19.49	18.91	22.22	22.49	21.91	25.22	<=30	Pass
		Edge_1RB_Right	19.33	18.84	22.10	22.33	21.84	25.10	<=30	Pass
		Outer_Full	19.53	19.07	22.32	22.53	22.07	25.32	<=30	Pass
		Inner_Full	19.54	19.13	22.35	22.54	22.13	25.35	<=30	Pass
		Inner_1RB_Left	19.48	18.87	22.20	22.48	21.87	25.20	<=30	Pass
		Inner_1RB_Right	19.45	18.81	22.15	22.45	21.81	25.15	<=30	Pass
CP-OFDM 256 QAM	3485.01	Edge_1RB_Left	17.07	16.63	19.87	20.07	19.63	22.87	<=30	Pass
		Edge_1RB_Right	16.35	15.67	19.03	19.35	18.67	22.03	<=30	Pass
		Outer_Full	16.60	16.14	19.38	19.60	19.14	22.39	<=30	Pass
		Inner_Full	16.58	15.95	19.29	19.58	18.95	22.29	<=30	Pass
		Inner_1RB_Left	17.04	16.32	19.70	20.04	19.32	22.71	<=30	Pass
		Inner_1RB_Right	16.42	15.69	19.08	19.42	18.69	22.08	<=30	Pass
	3500.01	Edge_1RB_Left	16.88	16.17	19.55	19.88	19.17	22.55	<=30	Pass
		Edge_1RB_Right	16.44	16.06	19.26	19.44	19.06	22.26	<=30	Pass
		Outer_Full	16.51	16.03	19.28	19.51	19.03	22.29	<=30	Pass
		Inner_Full	16.59	16.03	19.33	19.59	19.03	22.33	<=30	Pass
		Inner_1RB_Left	16.96	16.01	19.52	19.96	19.01	22.52	<=30	Pass
	3514.98	Inner_1RB_Right	16.60	15.98	19.31	19.60	18.98	22.31	<=30	Pass
		Edge_1RB_Left	16.65	15.86	19.29	19.65	18.86	22.28	<=30	Pass
		Edge_1RB_Right	16.61	15.78	19.22	19.61	18.78	22.23	<=30	Pass
		Outer_Full	16.56	16.15	19.37	19.56	19.15	22.37	<=30	Pass
Inner_Full		16.56	16.14	19.37	19.56	19.14	22.37	<=30	Pass	
3514.98	Inner_1RB_Left	16.92	15.86	19.43	19.92	18.86	22.43	<=30	Pass	
	Inner_1RB_Right	16.51	15.78	19.17	19.51	18.78	22.17	<=30	Pass	
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.7 30_M_80M_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 80MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3490.02	Edge 1RB Left	19.68	19.61	22.65	22.68	22.61	25.66	<=30	Pass
		Edge 1RB Right	19.25	18.98	22.13	22.25	21.98	25.13	<=30	Pass
		Outer Full	20.04	19.66	22.86	23.04	22.66	25.86	<=30	Pass
		Inner Full	21.58	21.03	24.33	24.58	24.03	27.32	<=30	Pass
		Inner 1RB Left	21.71	21.45	24.59	24.71	24.45	27.59	<=30	Pass
		Inner 1RB Right	21.36	21.09	24.24	24.36	24.09	27.24	<=30	Pass
	3500.01	Edge 1RB Left	19.80	19.36	22.60	22.80	22.36	25.60	<=30	Pass
		Edge 1RB Right	19.28	19.00	22.15	22.28	22.00	25.15	<=30	Pass
		Outer Full	19.98	19.56	22.79	22.98	22.56	25.79	<=30	Pass
		Inner Full	21.54	21.05	24.31	24.54	24.05	27.31	<=30	Pass
		Inner 1RB Left	21.82	21.24	24.55	24.82	24.24	27.55	<=30	Pass
		Inner 1RB Right	21.39	20.97	24.19	24.39	23.97	27.20	<=30	Pass
	3510	Edge 1RB Left	19.61	19.16	22.40	22.61	22.16	25.40	<=30	Pass
		Edge 1RB Right	19.41	18.84	22.14	22.41	21.84	25.14	<=30	Pass
		Outer Full	19.89	19.48	22.70	22.89	22.48	25.70	<=30	Pass
		Inner Full	21.43	20.93	24.20	24.43	23.93	27.20	<=30	Pass
		Inner 1RB Left	21.61	21.17	24.41	24.61	24.17	27.41	<=30	Pass
		Inner 1RB Right	21.52	20.68	24.13	24.52	23.68	27.13	<=30	Pass
CP-OFDM 16 QAM	3490.02	Edge 1RB Left	19.66	19.51	22.59	22.66	22.51	25.60	<=30	Pass
		Edge 1RB Right	19.21	18.98	22.11	22.21	21.98	25.11	<=30	Pass
		Outer Full	20.03	19.67	22.87	23.03	22.67	25.86	<=30	Pass
		Inner Full	21.06	20.58	23.84	24.06	23.58	26.84	<=30	Pass
		Inner 1RB Left	21.21	21.10	24.17	24.21	24.10	27.17	<=30	Pass
		Inner 1RB Right	20.76	20.69	23.73	23.76	23.69	26.74	<=30	Pass
	3500.01	Edge 1RB Left	19.65	19.26	22.47	22.65	22.26	25.47	<=30	Pass
		Edge 1RB Right	19.25	19.04	22.16	22.25	22.04	25.16	<=30	Pass
		Outer Full	19.97	19.59	22.80	22.97	22.59	25.79	<=30	Pass
		Inner Full	21.01	20.52	23.79	24.01	23.52	26.78	<=30	Pass
		Inner 1RB Left	21.14	20.85	24.01	24.14	23.85	27.01	<=30	Pass
		Inner 1RB Right	20.79	20.57	23.69	23.79	23.57	26.69	<=30	Pass
	3510	Edge 1RB Left	19.58	18.96	22.29	22.58	21.96	25.29	<=30	Pass
		Edge 1RB Right	19.21	18.90	22.07	22.21	21.90	25.07	<=30	Pass
		Outer Full	19.91	19.43	22.69	22.91	22.43	25.69	<=30	Pass
		Inner Full	20.97	20.50	23.75	23.97	23.50	26.75	<=30	Pass
		Inner 1RB Left	21.05	20.65	23.87	24.05	23.65	26.86	<=30	Pass
		Inner 1RB Right	20.84	20.30	23.59	23.84	23.30	26.59	<=30	Pass
CP-OFDM 64 QAM	3490.02	Edge 1RB Left	19.73	19.50	22.63	22.73	22.50	25.63	<=30	Pass
		Edge 1RB Right	19.17	18.92	22.06	22.17	21.92	25.06	<=30	Pass
		Outer Full	19.61	19.09	22.37	22.61	22.09	25.37	<=30	Pass
		Inner Full	19.66	19.00	22.35	22.66	22.00	25.35	<=30	Pass
		Inner 1RB Left	19.71	19.36	22.55	22.71	22.36	25.55	<=30	Pass
		Inner 1RB Right	19.21	19.00	22.12	22.21	22.00	25.12	<=30	Pass
	3500.01	Edge 1RB Left	19.70	19.24	22.49	22.70	22.24	25.49	<=30	Pass
		Edge 1RB Right	19.32	19.07	22.21	22.32	22.07	25.21	<=30	Pass
		Outer Full	19.54	19.04	22.31	22.54	22.04	25.31	<=30	Pass
		Inner Full	19.60	18.98	22.31	22.60	21.98	25.31	<=30	Pass
		Inner 1RB Left	19.79	19.20	22.51	22.79	22.20	25.52	<=30	Pass
		Inner 1RB Right	19.34	19.01	22.19	22.34	22.01	25.19	<=30	Pass

CP-OFDM 256 QAM	3510	Edge_1RB_Left	19.56	19.00	22.30	22.56	22.00	25.30	<=30	Pass	
		Edge_1RB_Right	19.23	18.73	22.00	22.23	21.73	25.00	<=30	Pass	
		Outer_Full	19.49	18.99	22.26	22.49	21.99	25.26	<=30	Pass	
		Inner_Full	19.55	18.96	22.28	22.55	21.96	25.28	<=30	Pass	
		Inner_1RB_Left	19.60	18.88	22.26	22.60	21.88	25.27	<=30	Pass	
		Inner_1RB_Right	19.26	18.77	22.03	22.26	21.77	25.03	<=30	Pass	
	3490.02	Edge_1RB_Left	17.15	16.49	19.84	20.15	19.49	22.84	<=30	Pass	
		Edge_1RB_Right	16.35	15.95	19.16	19.35	18.95	22.16	<=30	Pass	
		Outer_Full	16.58	16.11	19.36	19.58	19.11	22.36	<=30	Pass	
		Inner_Full	16.57	16.04	19.32	19.57	19.04	22.32	<=30	Pass	
		Inner_1RB_Left	16.91	16.32	19.63	19.91	19.32	22.64	<=30	Pass	
		Inner_1RB_Right	16.44	15.98	19.23	19.44	18.98	22.23	<=30	Pass	
		3500.01	Edge_1RB_Left	16.97	16.30	19.66	19.97	19.30	22.66	<=30	Pass
			Edge_1RB_Right	16.41	15.96	19.20	19.41	18.96	22.20	<=30	Pass
			Outer_Full	16.53	16.02	19.29	19.53	19.02	22.29	<=30	Pass
			Inner_Full	16.58	16.00	19.31	19.58	19.00	22.31	<=30	Pass
			Inner_1RB_Left	17.00	16.15	19.61	20.00	19.15	22.61	<=30	Pass
			Inner_1RB_Right	16.48	15.95	19.23	19.48	18.95	22.23	<=30	Pass
		3510	Edge_1RB_Left	16.78	15.94	19.39	19.78	18.94	22.39	<=30	Pass
			Edge_1RB_Right	16.44	15.58	19.04	19.44	18.58	22.04	<=30	Pass
			Outer_Full	16.46	16.03	19.26	19.46	19.03	22.26	<=30	Pass
			Inner_Full	16.43	15.99	19.22	19.43	18.99	22.23	<=30	Pass
			Inner_1RB_Left	16.76	15.97	19.39	19.76	18.97	22.39	<=30	Pass
			Inner_1RB_Right	16.42	15.77	19.12	19.42	18.77	22.12	<=30	Pass
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2											

1.1.8 30_M_90M_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 90MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3495	Edge_1RB_Left	19.68	19.28	22.49	22.68	22.28	25.49	<=30	Pass
		Edge_1RB_Right	19.34	18.84	22.11	22.34	21.84	25.11	<=30	Pass
		Outer_Full	19.94	19.46	22.72	22.94	22.46	25.72	<=30	Pass
		Inner_Full	21.47	20.68	24.10	24.47	23.68	27.10	<=30	Pass
		Inner_1RB_Left	21.54	21.35	24.46	24.54	24.35	27.46	<=30	Pass
		Inner_1RB_Right	21.24	21.10	24.18	24.24	24.10	27.18	<=30	Pass
	3500.01	Edge_1RB_Left	19.76	19.51	22.65	22.76	22.51	25.65	<=30	Pass
		Edge_1RB_Right	19.42	19.01	22.23	22.42	22.01	25.23	<=30	Pass
		Outer_Full	19.92	19.52	22.73	22.92	22.52	25.73	<=30	Pass
		Inner_Full	21.47	20.85	24.18	24.47	23.85	27.18	<=30	Pass
		Inner_1RB_Left	21.84	21.39	24.63	24.84	24.39	27.63	<=30	Pass
		Inner_1RB_Right	21.45	20.99	24.24	24.45	23.99	27.24	<=30	Pass
	3504.99	Edge_1RB_Left	19.71	19.36	22.55	22.71	22.36	25.55	<=30	Pass
		Edge_1RB_Right	19.42	18.86	22.16	22.42	21.86	25.16	<=30	Pass
		Outer_Full	19.92	19.54	22.74	22.92	22.54	25.74	<=30	Pass
		Inner_Full	21.55	20.98	24.29	24.55	23.98	27.28	<=30	Pass
		Inner_1RB_Left	21.70	21.20	24.47	24.70	24.20	27.47	<=30	Pass
		Inner_1RB_Right	21.32	20.86	24.11	24.32	23.86	27.11	<=30	Pass
CP-OFDM 16 QAM	3495	Edge_1RB_Left	19.51	19.41	22.47	22.51	22.41	25.47	<=30	Pass
		Edge_1RB_Right	19.20	19.04	22.13	22.20	22.04	25.13	<=30	Pass
		Outer_Full	20.00	19.34	22.69	23.00	22.34	25.69	<=30	Pass

		Inner_Full	20.97	20.32	23.66	23.97	23.32	26.67	<=30	Pass
		Inner_1RB_Left	21.05	20.89	23.98	24.05	23.89	26.98	<=30	Pass
		Inner_1RB_Right	20.76	20.67	23.73	23.76	23.67	26.73	<=30	Pass
	3500.01	Edge_1RB_Left	19.51	19.25	22.39	22.51	22.25	25.39	<=30	Pass
		Edge_1RB_Right	19.36	18.85	22.13	22.36	21.85	25.12	<=30	Pass
		Outer_Full	19.94	19.56	22.77	22.94	22.56	25.76	<=30	Pass
		Inner_Full	21.03	20.39	23.73	24.03	23.39	26.73	<=30	Pass
		Inner_1RB_Left	21.22	20.81	24.03	24.22	23.81	27.03	<=30	Pass
		Inner_1RB_Right	20.78	20.35	23.58	23.78	23.35	26.58	<=30	Pass
		3504.99	Edge_1RB_Left	19.55	19.12	22.35	22.55	22.12	25.35	<=30
	Edge_1RB_Right		19.35	18.80	22.09	22.35	21.80	25.09	<=30	Pass
	Outer_Full		19.95	19.55	22.77	22.95	22.55	25.76	<=30	Pass
	Inner_Full		21.04	20.55	23.81	24.04	23.55	26.81	<=30	Pass
	Inner_1RB_Left		21.20	20.74	23.99	24.20	23.74	26.99	<=30	Pass
	Inner_1RB_Right		20.84	20.36	23.62	23.84	23.36	26.62	<=30	Pass
CP-OFDM 64 QAM	3495	Edge_1RB_Left	19.58	19.31	22.46	22.58	22.31	25.46	<=30	Pass
		Edge_1RB_Right	19.31	18.88	22.11	22.31	21.88	25.11	<=30	Pass
		Outer_Full	19.50	18.86	22.20	22.50	21.86	25.20	<=30	Pass
		Inner_Full	19.53	18.77	22.18	22.53	21.77	25.18	<=30	Pass
		Inner_1RB_Left	19.50	19.19	22.36	22.50	22.19	25.36	<=30	Pass
		Inner_1RB_Right	19.37	18.95	22.18	22.37	21.95	25.18	<=30	Pass
	3500.01	Edge_1RB_Left	19.63	19.17	22.42	22.63	22.17	25.42	<=30	Pass
		Edge_1RB_Right	19.35	18.79	22.09	22.35	21.79	25.09	<=30	Pass
		Outer_Full	19.44	18.87	22.18	22.44	21.87	25.17	<=30	Pass
		Inner_Full	19.50	18.88	22.21	22.50	21.88	25.21	<=30	Pass
		Inner_1RB_Left	19.66	19.20	22.45	22.66	22.20	25.45	<=30	Pass
		Inner_1RB_Right	19.33	18.80	22.08	22.33	21.80	25.08	<=30	Pass
	3504.99	Edge_1RB_Left	19.53	19.07	22.32	22.53	22.07	25.32	<=30	Pass
		Edge_1RB_Right	19.37	18.82	22.11	22.37	21.82	25.11	<=30	Pass
		Outer_Full	19.47	18.98	22.24	22.47	21.98	25.24	<=30	Pass
		Inner_Full	19.55	19.02	22.31	22.55	22.02	25.30	<=30	Pass
		Inner_1RB_Left	19.58	19.17	22.39	22.58	22.17	25.39	<=30	Pass
		Inner_1RB_Right	19.41	18.79	22.12	22.41	21.79	25.12	<=30	Pass
CP-OFDM 256 QAM	3495	Edge_1RB_Left	16.76	16.21	19.50	19.76	19.21	22.50	<=30	Pass
		Edge_1RB_Right	16.47	15.94	19.22	19.47	18.94	22.22	<=30	Pass
		Outer_Full	16.53	15.94	19.25	19.53	18.94	22.26	<=30	Pass
		Inner_Full	16.50	15.88	19.21	19.50	18.88	22.21	<=30	Pass
		Inner_1RB_Left	16.76	16.14	19.47	19.76	19.14	22.47	<=30	Pass
		Inner_1RB_Right	16.44	15.93	19.21	19.44	18.93	22.20	<=30	Pass
	3500.01	Edge_1RB_Left	17.00	16.32	19.68	20.00	19.32	22.68	<=30	Pass
		Edge_1RB_Right	16.48	15.77	19.15	19.48	18.77	22.15	<=30	Pass
		Outer_Full	16.53	15.88	19.23	19.53	18.88	22.23	<=30	Pass
		Inner_Full	16.51	15.81	19.18	19.51	18.81	22.18	<=30	Pass
		Inner_1RB_Left	17.05	16.10	19.61	20.05	19.10	22.61	<=30	Pass
		Inner_1RB_Right	16.51	15.85	19.20	19.51	18.85	22.20	<=30	Pass
	3504.99	Edge_1RB_Left	16.91	16.26	19.61	19.91	19.26	22.61	<=30	Pass
		Edge_1RB_Right	16.47	15.65	19.09	19.47	18.65	22.09	<=30	Pass
		Outer_Full	16.54	16.07	19.32	19.54	19.07	22.32	<=30	Pass
		Inner_Full	16.55	16.03	19.31	19.55	19.03	22.31	<=30	Pass
		Inner_1RB_Left	16.81	16.03	19.44	19.81	19.03	22.45	<=30	Pass
		Inner_1RB_Right	16.51	15.75	19.16	19.51	18.75	22.16	<=30	Pass
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

1.1.9 30_M_100M_NTNV_EIRP

5G NR n78e SCS=30kHz MIMO 100MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant2	Ant0	Sum	Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3500.01	Edge_1RB_Left	19.48	19.40	22.45	22.48	22.40	25.45	<=30	Pass
		Edge_1RB_Right	19.40	18.95	22.19	22.40	21.95	25.19	<=30	Pass
		Outer_Full	19.99	19.50	22.77	22.99	22.50	25.76	<=30	Pass
		Inner_Full	21.30	20.90	24.12	24.30	23.90	27.11	<=30	Pass
		Inner_1RB_Left	21.52	21.35	24.45	24.52	24.35	27.45	<=30	Pass
		Inner_1RB_Right	21.24	20.71	23.99	24.24	23.71	26.99	<=30	Pass
CP-OFDM 16 QAM	3500.01	Edge_1RB_Left	19.42	19.31	22.37	22.42	22.31	25.38	<=30	Pass
		Edge_1RB_Right	19.22	18.74	21.99	22.22	21.74	25.00	<=30	Pass
		Outer_Full	19.83	19.51	22.68	22.83	22.51	25.68	<=30	Pass
		Inner_Full	20.98	20.38	23.70	23.98	23.38	26.70	<=30	Pass
		Inner_1RB_Left	20.83	20.86	23.86	23.83	23.86	26.86	<=30	Pass
		Inner_1RB_Right	20.69	20.42	23.56	23.69	23.42	26.57	<=30	Pass
CP-OFDM 64 QAM	3500.01	Edge_1RB_Left	19.48	19.12	22.31	22.48	22.12	25.31	<=30	Pass
		Edge_1RB_Right	19.36	18.64	22.02	22.36	21.64	25.03	<=30	Pass
		Outer_Full	19.42	18.94	22.20	22.42	21.94	25.20	<=30	Pass
		Inner_Full	19.44	18.95	22.21	22.44	21.95	25.21	<=30	Pass
		Inner_1RB_Left	19.43	19.30	22.38	22.43	22.30	25.38	<=30	Pass
		Inner_1RB_Right	19.31	18.56	21.96	22.31	21.56	24.96	<=30	Pass
CP-OFDM 256 QAM	3500.01	Edge_1RB_Left	16.69	16.17	19.45	19.69	19.17	22.45	<=30	Pass
		Edge_1RB_Right	16.38	15.59	19.01	19.38	18.59	22.01	<=30	Pass
		Outer_Full	16.51	16.00	19.27	19.51	19.00	22.27	<=30	Pass
		Inner_Full	16.47	15.96	19.23	19.47	18.96	22.23	<=30	Pass
		Inner_1RB_Left	16.69	16.11	19.42	19.69	19.11	22.42	<=30	Pass
		Inner_1RB_Right	16.47	15.61	19.07	19.47	18.61	22.07	<=30	Pass
Note1: Antenna Gain: Ant2: 3.00dBi; Ant0: 3.00dBi; Note2: EIRP Ant_1=Conducted Power_1+Ant Gain_1 / EIRP Ant_2=Conducted Power_2+Ant Gain_2 / Sum=EIRP Ant_1+EIRP Ant_2										

2. Spurious Emission

2.1 Test Result

2.1.1 30_M_20M_NTNV

5G NR n78e SCS=30kHz MIMO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3460.02	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3540	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

2.1.2 30_M_60M_NTNV

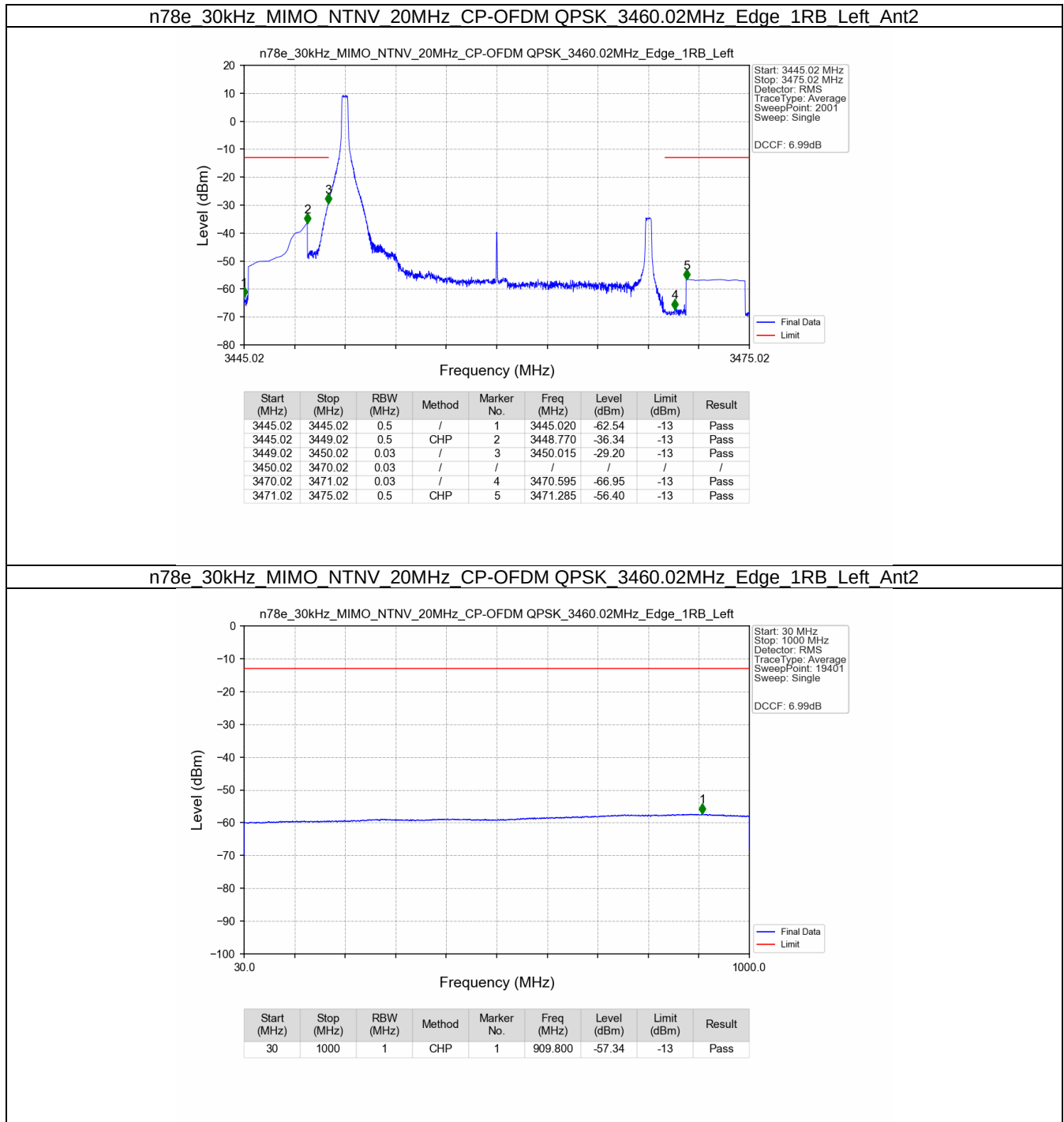
5G NR n78e SCS=30kHz MIMO 60MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3480	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
	3519.99	Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

2.1.3 30_M_100M_NTNV

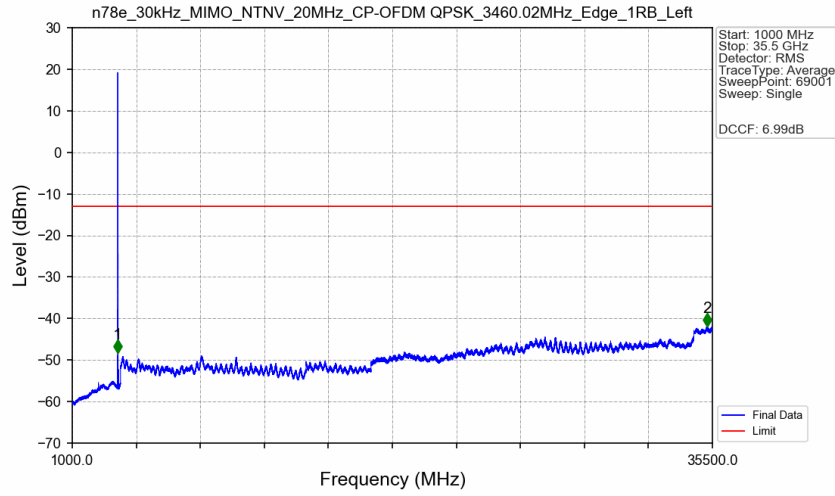
5G NR n78e SCS=30kHz MIMO 100MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant2	Ant0	Sum	Limit	
CP-OFDM QPSK	3500.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass

2.2 Test Graph

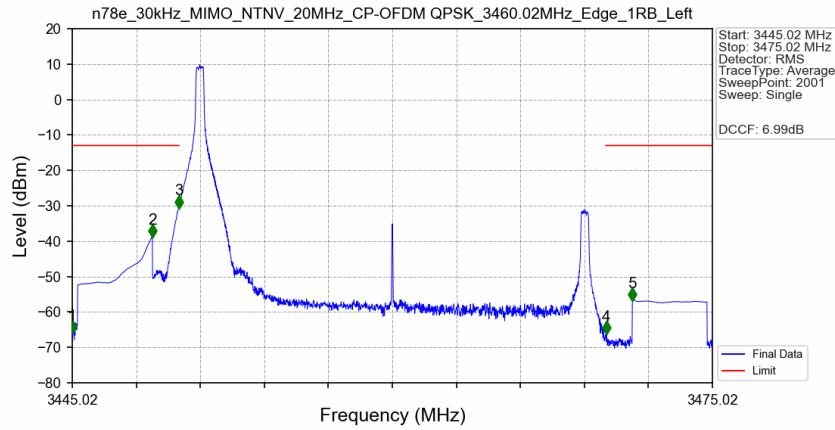
2.2.1 30_M_20M_NTNV



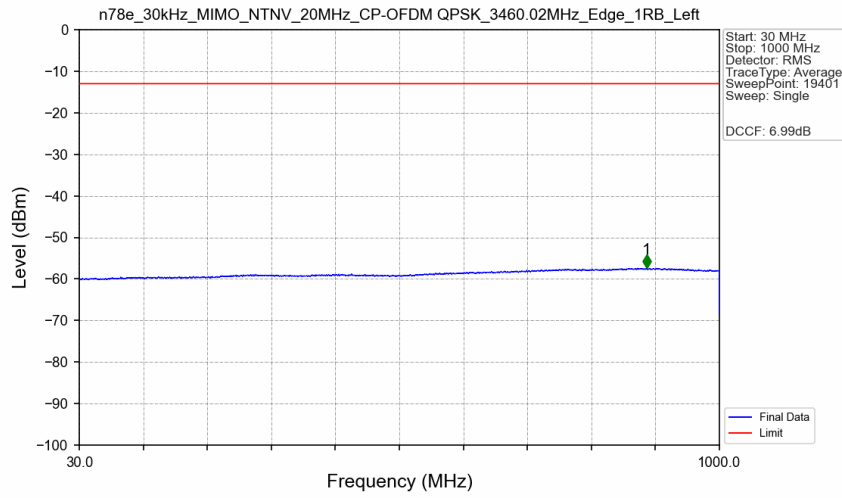
n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Edge_1RB_Left_Ant2



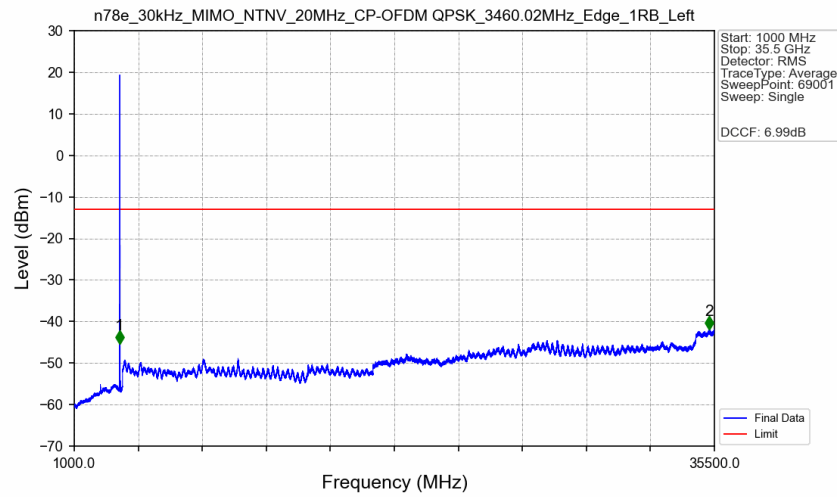
n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Edge_1RB_Left_Ant0



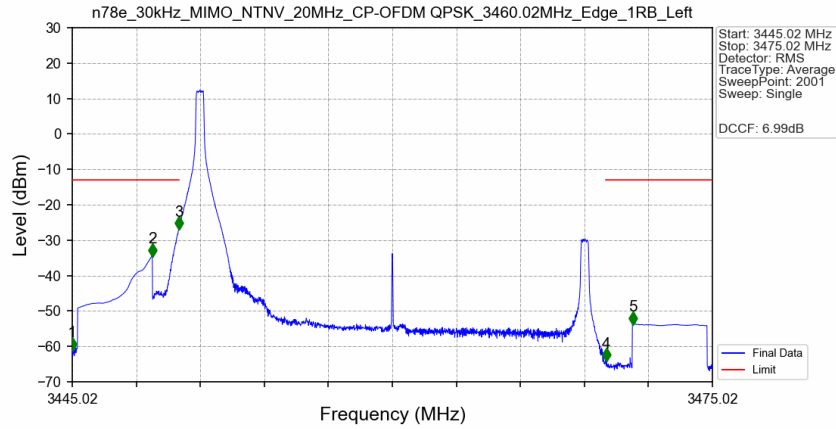
n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Edge_1RB_Left_Ant0



n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Edge_1RB_Left_Ant0

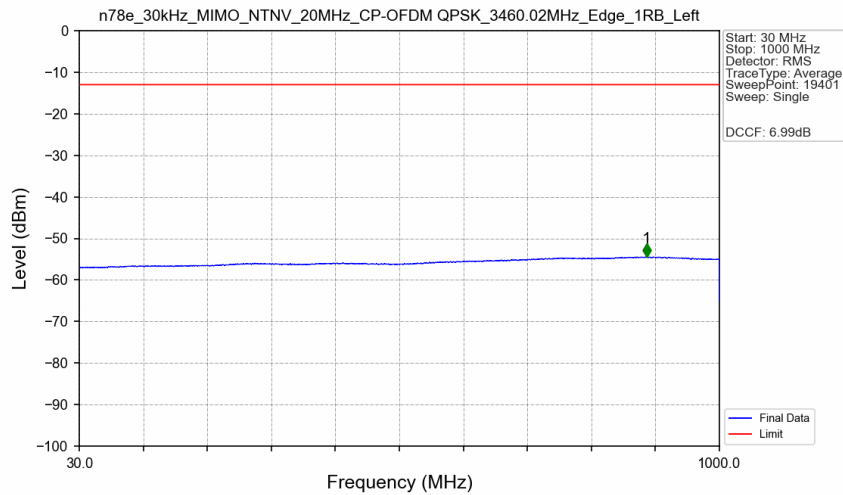


n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Edge_1RB_Left_MIMO



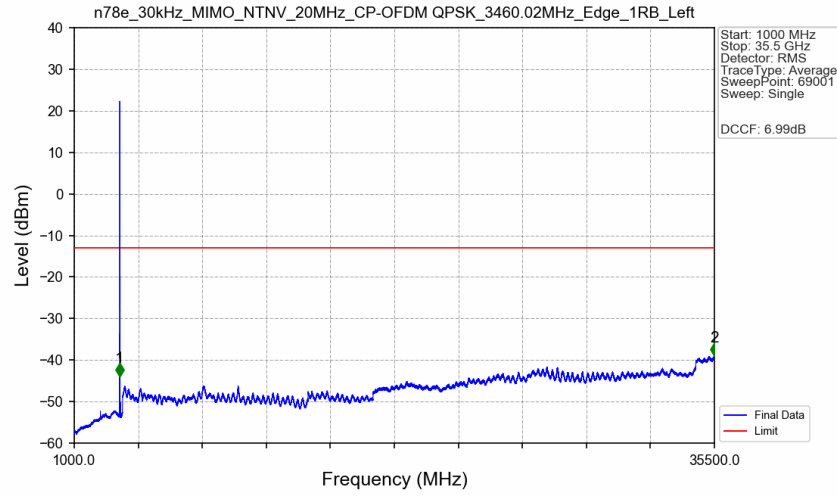
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-60.85	-13	Pass
3445.02	3449.02	0.5	CHP	2	3448.770	-34.35	-13	Pass
3449.02	3450.02	0.03	/	3	3450.015	-26.75	-13	Pass
3450.02	3470.02	0.03	/	/	/	/	/	/
3470.02	3471.02	0.03	/	4	3470.055	-63.93	-13	Pass
3471.02	3475.02	0.5	CHP	5	3471.285	-53.53	-13	Pass

n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Edge_1RB_Left_MIMO



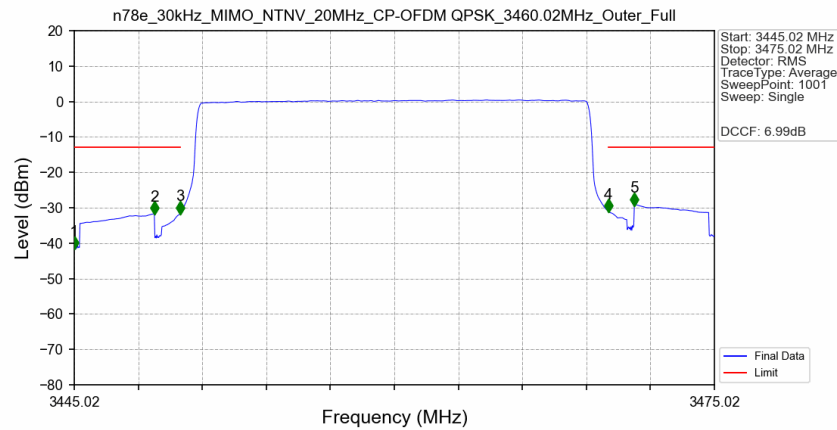
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	889.600	-54.37	-13	Pass

n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Edge_1RB_Left_MIMO



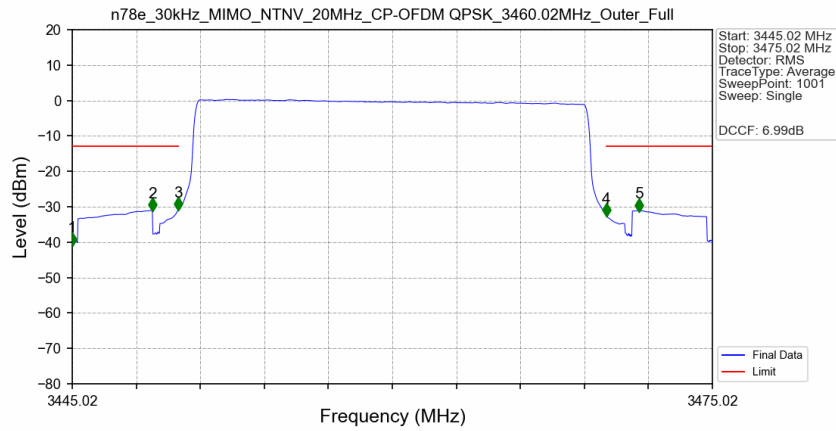
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.02	1	/	1	3433.000	-43.85	-13	Pass
3445.02	3475.02	1	/	/	/	/	/	/
3475.02	35500	1	/	2	35491.500	-39.06	-13	Pass

n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3460.02MHz_Outer_Full_Ant2



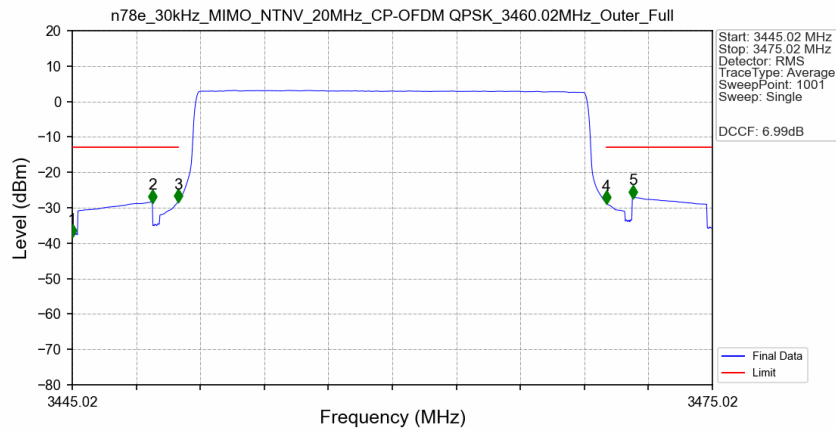
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-41.38	-13	Pass
3445.02	3449.02	0.5	CHP	2	3448.770	-31.67	-13	Pass
3449.02	3450.02	0.2	CHP	3	3450.000	-31.53	-13	Pass
3450.02	3470.02	0.2	CHP	/	/	/	/	/
3470.02	3471.02	0.2	CHP	4	3470.040	-30.96	-13	Pass
3471.02	3475.02	0.5	CHP	5	3471.270	-29.13	-13	Pass

n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3460.02MHz_Outer_Full_Ant0



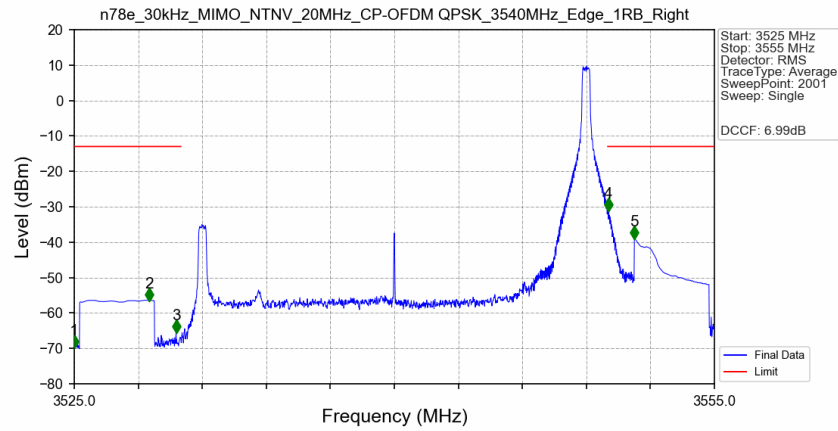
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-40.67	-13	Pass
3445.02	3449.02	0.5	CHP	2	3448.770	-31.00	-13	Pass
3449.02	3450.02	0.2	CHP	3	3450.000	-30.82	-13	Pass
3450.02	3470.02	0.2	CHP	/	/	/	/	/
3470.02	3471.02	0.2	CHP	4	3470.040	-32.48	-13	Pass
3471.02	3475.02	0.5	CHP	5	3471.570	-31.05	-13	Pass

n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3460.02MHz_Outer_Full_MIMO



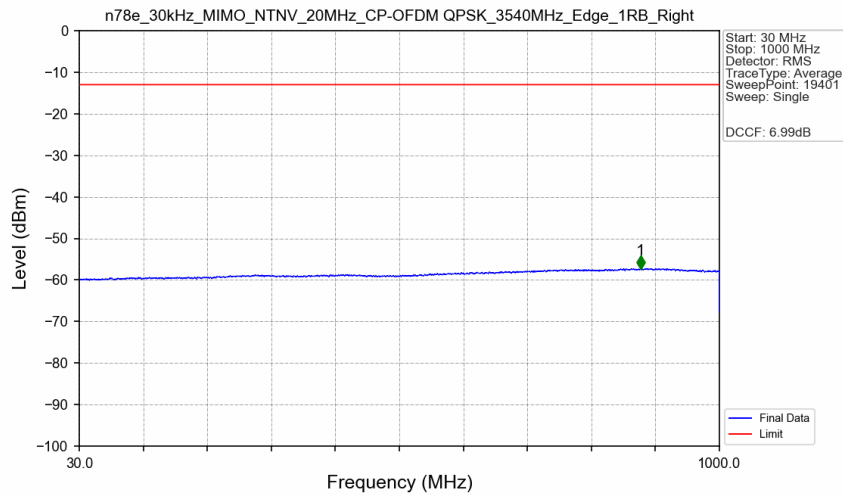
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.02	3445.02	0.5	/	1	3445.020	-38.00	-13	Pass
3445.02	3449.02	0.5	CHP	2	3448.770	-28.31	-13	Pass
3449.02	3450.02	0.2	CHP	3	3450.000	-28.15	-13	Pass
3450.02	3470.02	0.2	CHP	/	/	/	/	/
3470.02	3471.02	0.2	CHP	4	3470.040	-28.65	-13	Pass
3471.02	3475.02	0.5	CHP	5	3471.300	-27.05	-13	Pass

n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Edge_1RB_Right_Ant2



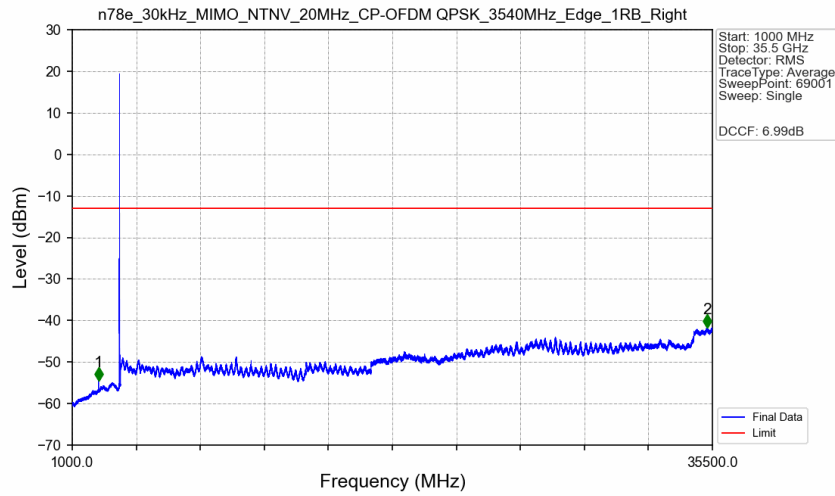
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3525	3525	0.5	/	1	3525.000	-69.59	-13	Pass
3525	3529	0.5	CHP	2	3528.510	-56.35	-13	Pass
3529	3530	0.03	/	3	3529.770	-65.32	-13	Pass
3530	3550	0.03	/	/	/	/	/	/
3550	3551	0.03	/	4	3550.020	-30.92	-13	Pass
3551	3555	0.5	CHP	5	3551.250	-38.93	-13	Pass

n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Edge_1RB_Right_Ant2

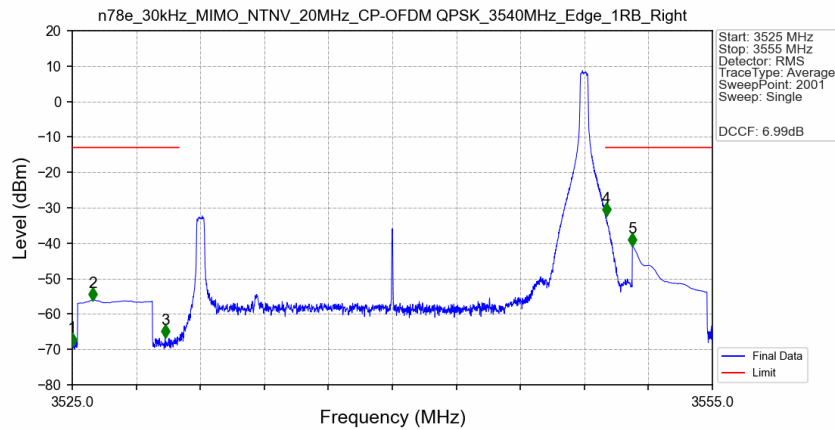


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	880.500	-57.25	-13	Pass

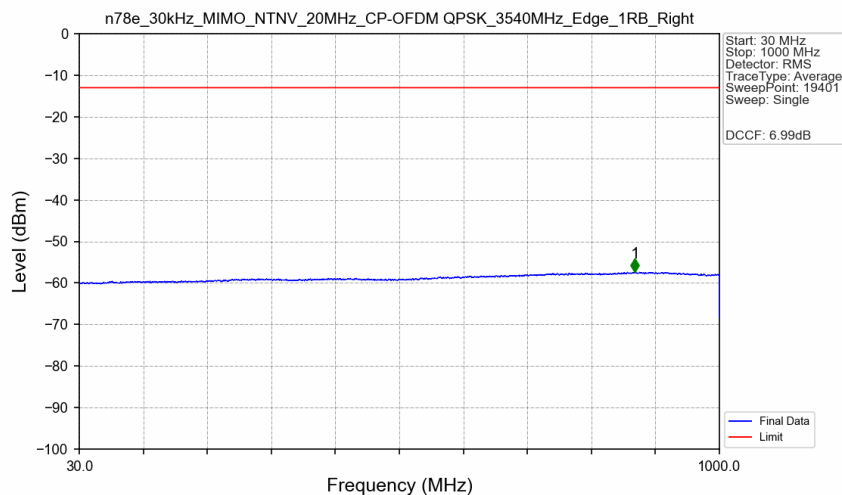
n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Edge_1RB_Right_Ant2



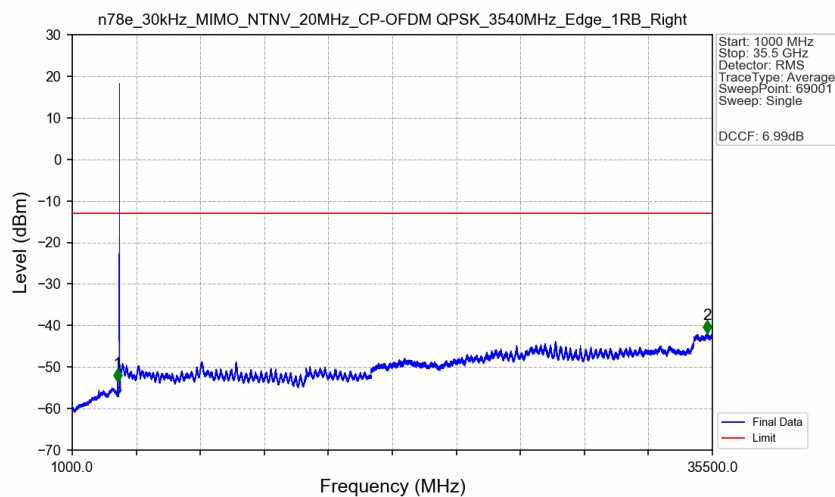
n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Edge_1RB_Right_Ant0



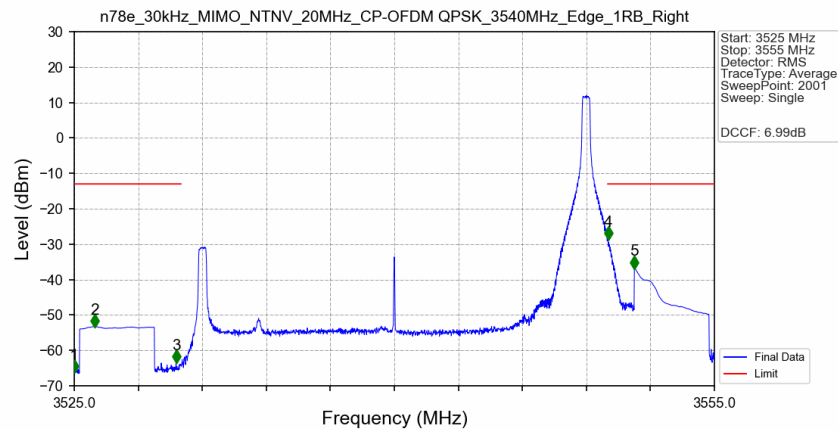
n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3540MHz_Edge_1RB_Right_Ant0



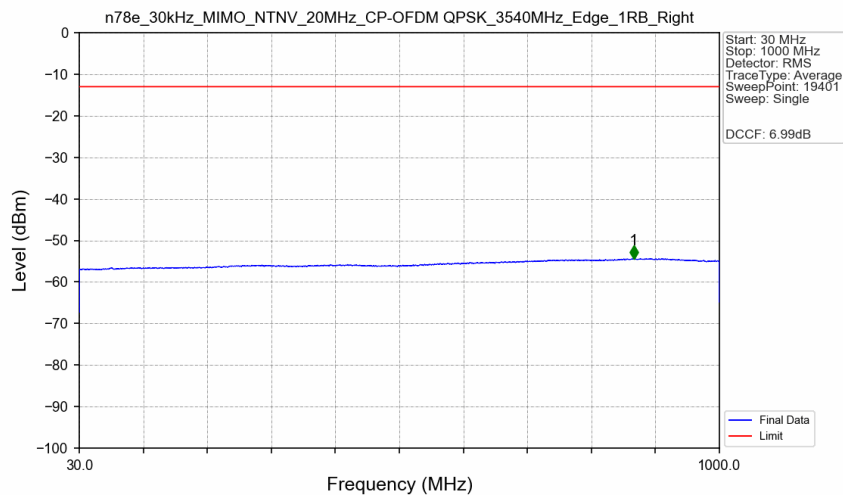
n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3540MHz_Edge_1RB_Right_Ant0



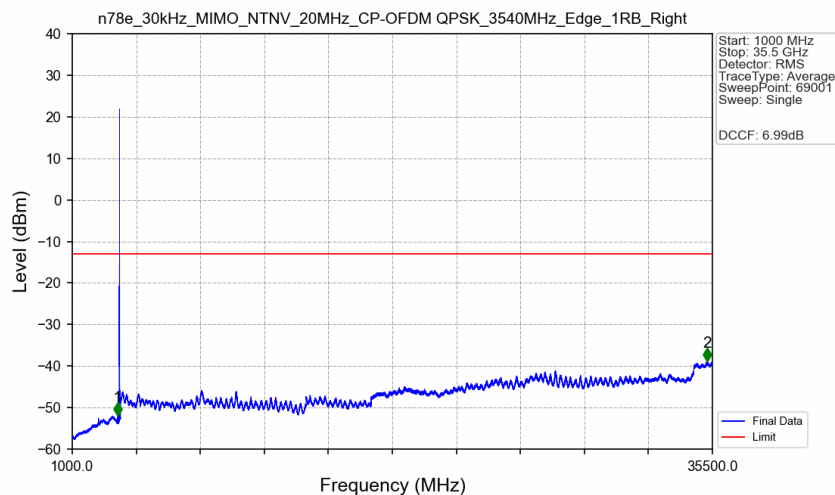
n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3540MHz_Edge_1RB_Right_MIMO



n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM_QPSK_3540MHz_Edge_1RB_Right_MIMO

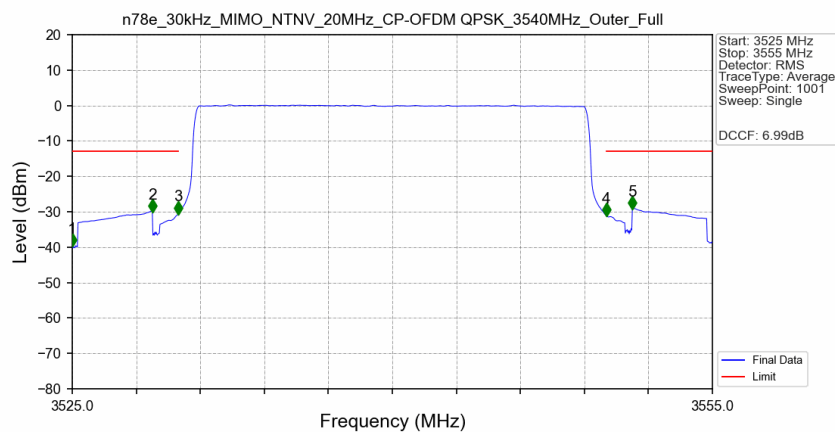


n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Edge_1RB_Right_MIMO



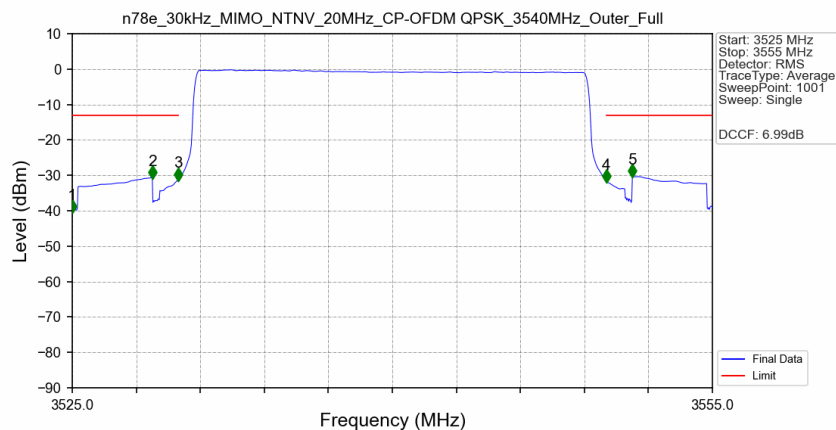
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3525	1	/	1	3446.500	-51.85	-13	Pass
3525	3555	1	/	/	/	/	/	/
3555	35500	1	/	2	35209.500	-38.89	-13	Pass

n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Outer_Full_Ant2



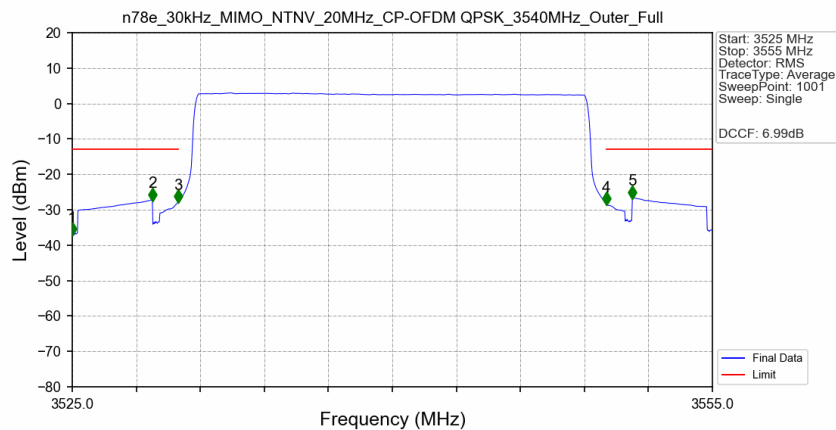
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3525	3525	0.5	/	1	3525.000	-39.59	-13	Pass
3525	3529	0.5	CHP	2	3528.750	-29.83	-13	Pass
3529	3530	0.2	CHP	3	3529.980	-30.44	-13	Pass
3530	3550	0.2	CHP	/	/	/	/	/
3550	3551	0.2	CHP	4	3550.020	-31.03	-13	Pass
3551	3555	0.5	CHP	5	3551.250	-28.98	-13	Pass

n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3525	3525	0.5	/	1	3525.000	-40.33	-13	Pass
3525	3529	0.5	CHP	2	3528.750	-30.65	-13	Pass
3529	3530	0.2	CHP	3	3529.980	-31.23	-13	Pass
3530	3550	0.2	CHP	/	/	/	/	/
3550	3551	0.2	CHP	4	3550.020	-31.78	-13	Pass
3551	3555	0.5	CHP	5	3551.250	-30.36	-13	Pass

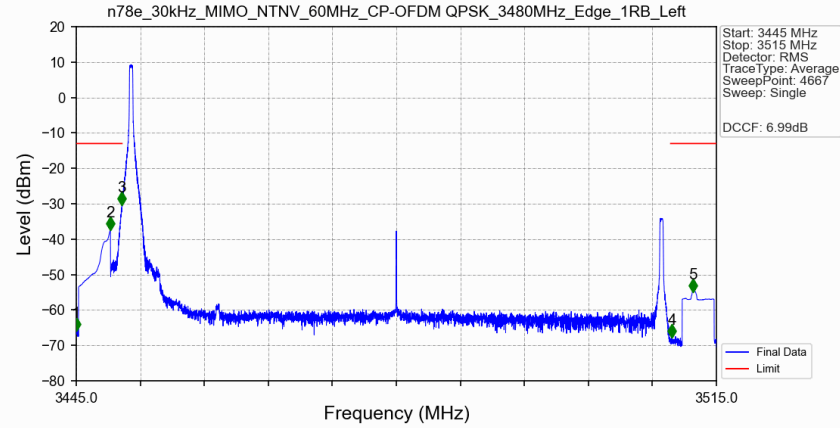
n78e_30kHz_MIMO_NTNV_20MHz_CP-OFDM QPSK_3540MHz_Outer_Full_MIMO



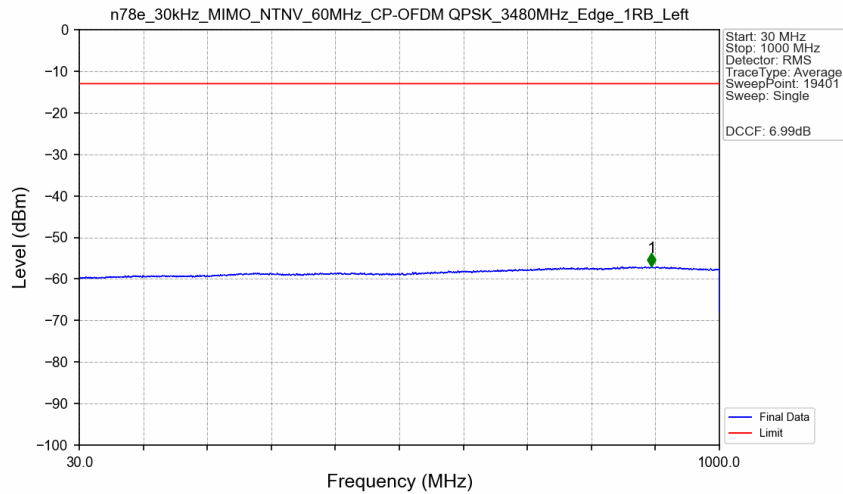
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3525	3525	0.5	/	1	3525.000	-36.93	-13	Pass
3525	3529	0.5	CHP	2	3528.750	-27.21	-13	Pass
3529	3530	0.2	CHP	3	3529.980	-27.81	-13	Pass
3530	3550	0.2	CHP	/	/	/	/	/
3550	3551	0.2	CHP	4	3550.020	-28.38	-13	Pass
3551	3555	0.5	CHP	5	3551.250	-26.60	-13	Pass

2.2.2 30_M_60M_NTNV

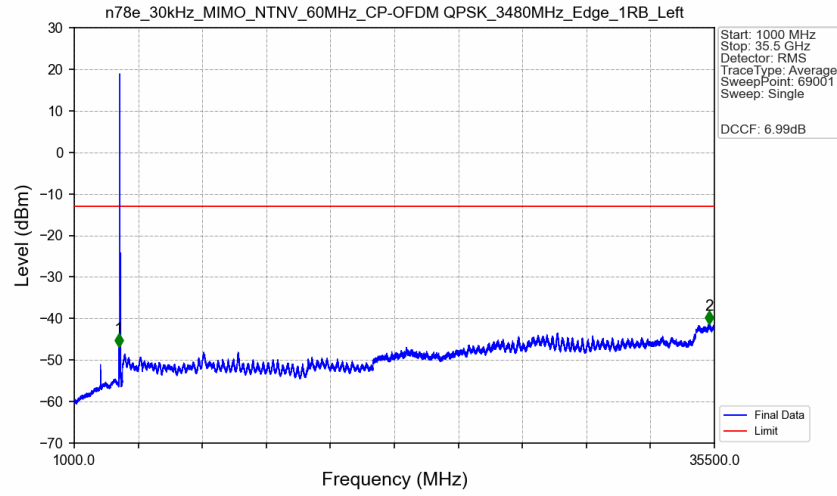
n78e 30kHz MIMO NTN 60MHz CP-OFDM QPSK 3480MHz Edge 1RB Left Ant2



n78e 30kHz MIMO NTN 60MHz CP-OFDM QPSK 3480MHz Edge 1RB Left Ant2

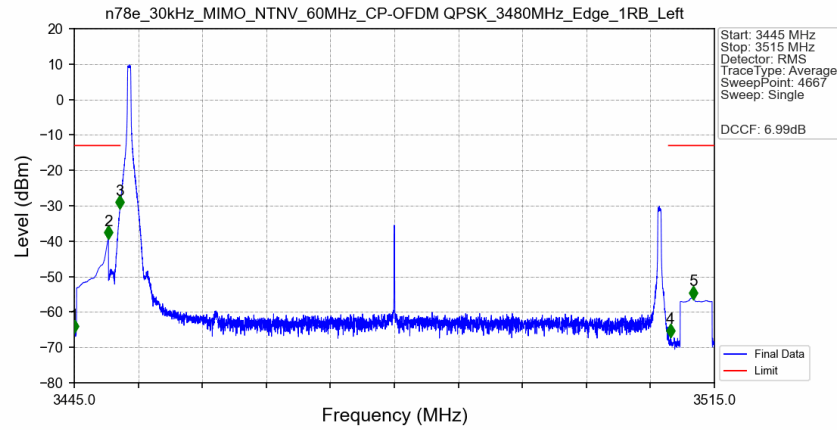


n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant2



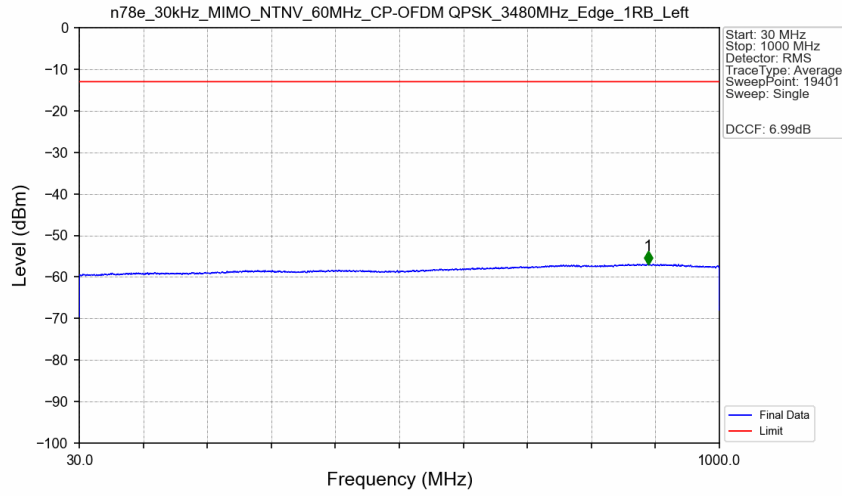
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445	1	/	1	3393.000	-46.89	-13	Pass
3445	3515	1	/	/	/	/	/	/
3515	35500	1	/	2	35214.500	-41.29	-13	Pass

n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant0

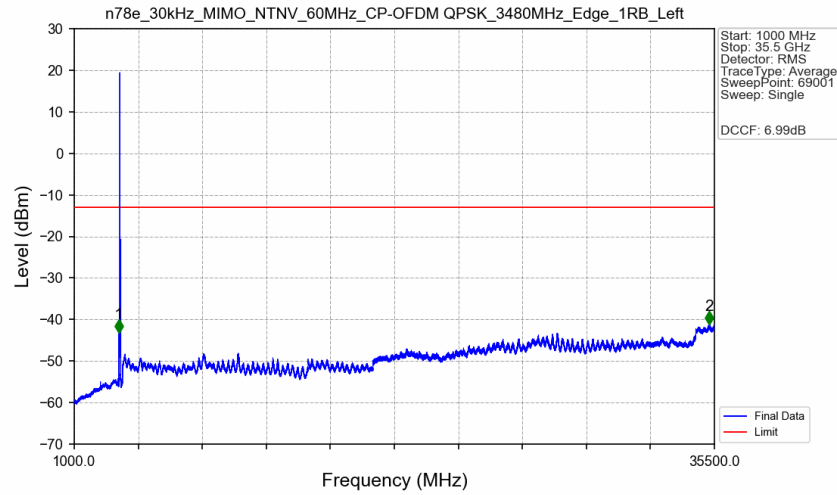


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-65.55	-13	Pass
3445	3449	0.5	CHP	2	3448.736	-39.02	-13	Pass
3449	3450	0.03	/	3	3449.996	-30.48	-13	Pass
3450	3510	0.03	/	/	/	/	/	/
3510	3511	0.03	/	4	3510.169	-66.76	-13	Pass
3511	3515	0.5	CHP	5	3512.660	-56.08	-13	Pass

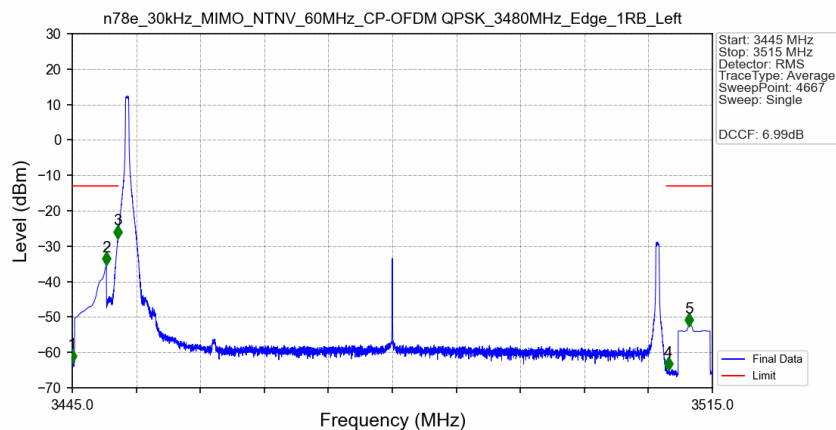
n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant0



n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Edge_1RB_Left_Ant0

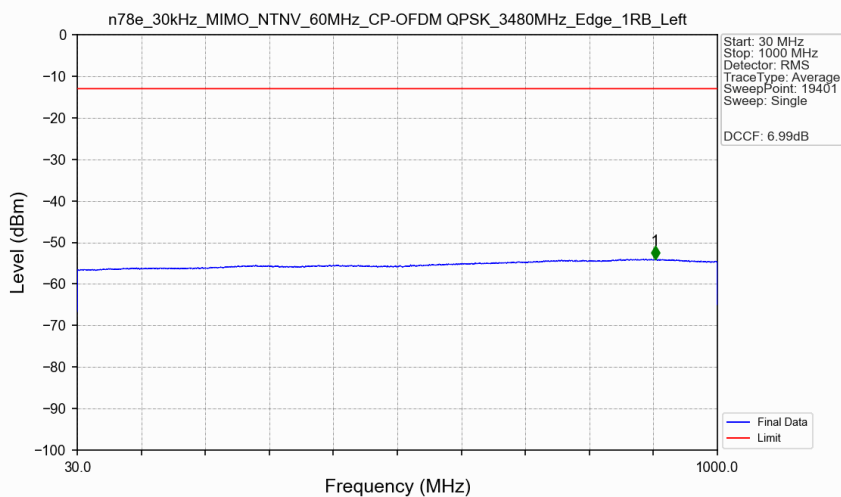


n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3480MHz_Edge_1RB_Left_MIMO



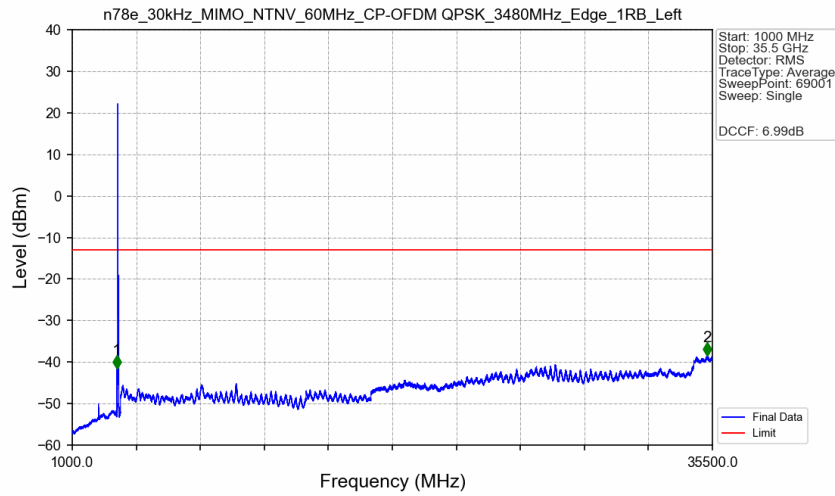
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-62.55	-13	Pass
3445	3449	0.5	CHP	2	3448.736	-35.01	-13	Pass
3449	3450	0.03	/	3	3449.996	-27.50	-13	Pass
3450	3510	0.03	/	/	/	/	/	/
3510	3511	0.03	/	4	3510.169	-64.72	-13	Pass
3511	3515	0.5	CHP	5	3512.450	-52.33	-13	Pass

n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3480MHz_Edge_1RB_Left_MIMO

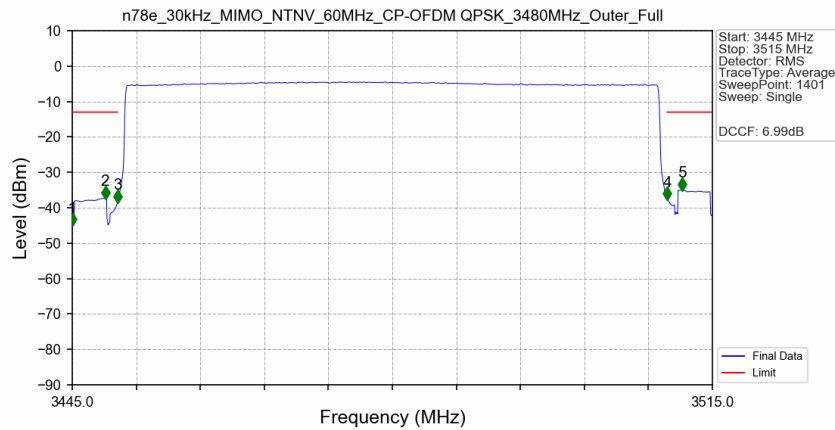


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	906.000	-54.01	-13	Pass

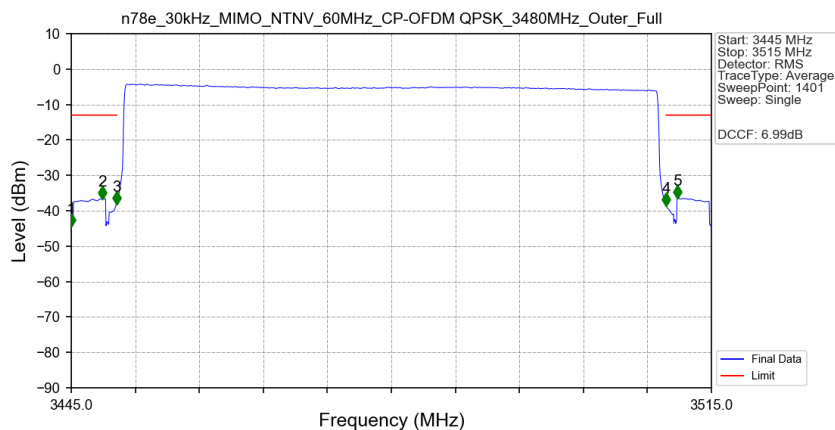
n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3480MHz_Edge_1RB_Left_MIMO



n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3480MHz_Outer_Full_Ant2

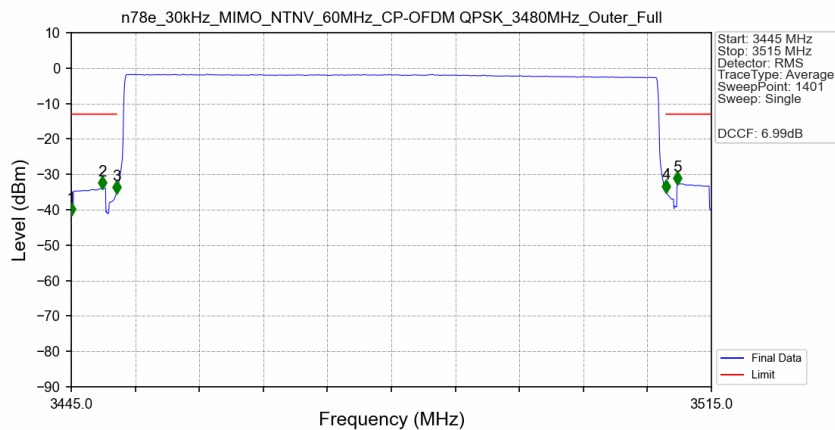


n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Outer_Full_Ant0



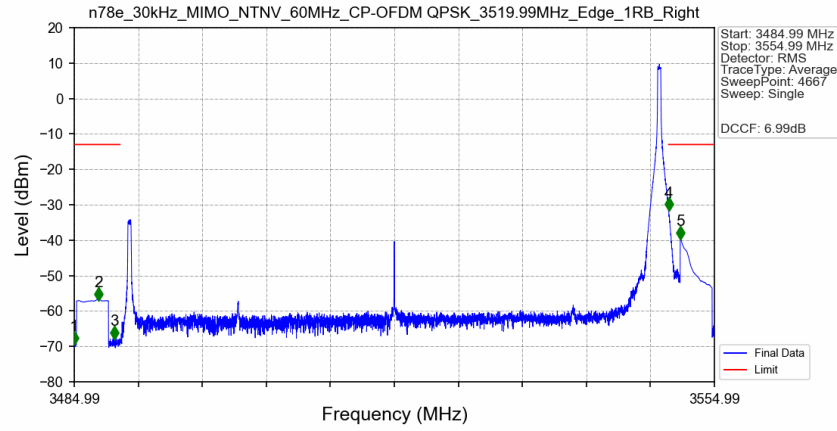
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-44.17	-13	Pass
3445	3449	0.5	CHP	2	3448.400	-36.49	-13	Pass
3449	3450	0.2	CHP	3	3449.950	-37.97	-13	Pass
3450	3510	0.2	CHP	/	/	/	/	/
3510	3511	0.2	CHP	4	3510.050	-38.36	-13	Pass
3511	3515	0.5	CHP	5	3511.250	-36.28	-13	Pass

n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3480MHz_Outer_Full_MIMO



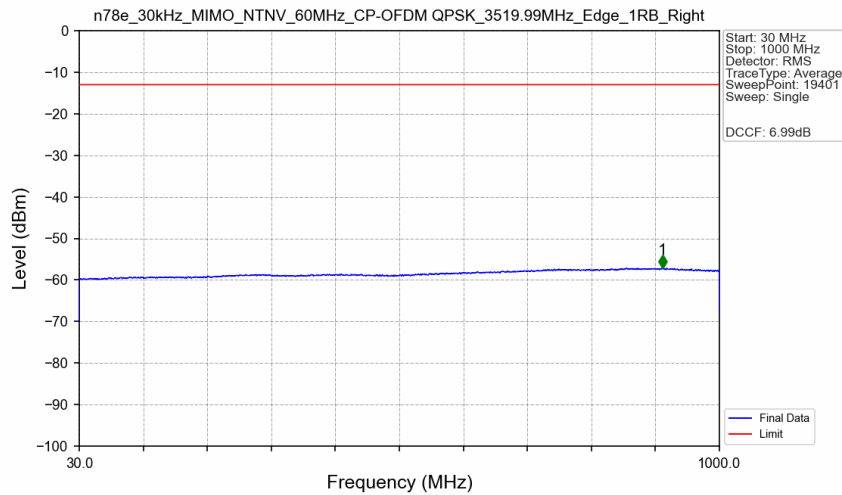
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445	3445	0.5	/	1	3445.000	-41.45	-13	Pass
3445	3449	0.5	CHP	2	3448.400	-33.89	-13	Pass
3449	3450	0.2	CHP	3	3449.950	-35.13	-13	Pass
3450	3510	0.2	CHP	/	/	/	/	/
3510	3511	0.2	CHP	4	3510.050	-34.89	-13	Pass
3511	3515	0.5	CHP	5	3511.250	-32.64	-13	Pass

n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant2



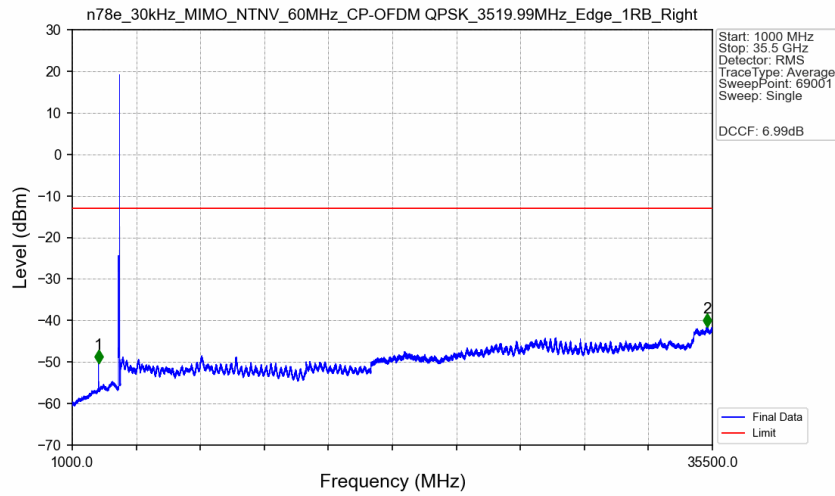
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-69.09	-13	Pass
3484.99	3488.99	0.5	CHP	2	3487.675	-56.72	-13	Pass
3488.99	3489.99	0.03	/	3	3489.386	-67.65	-13	Pass
3489.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	4	3549.994	-31.45	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.254	-39.41	-13	Pass

n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant2

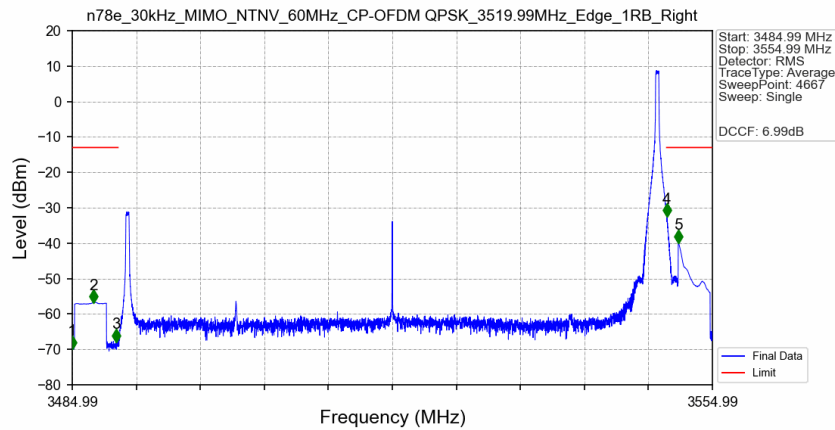


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	913.900	-57.06	-13	Pass

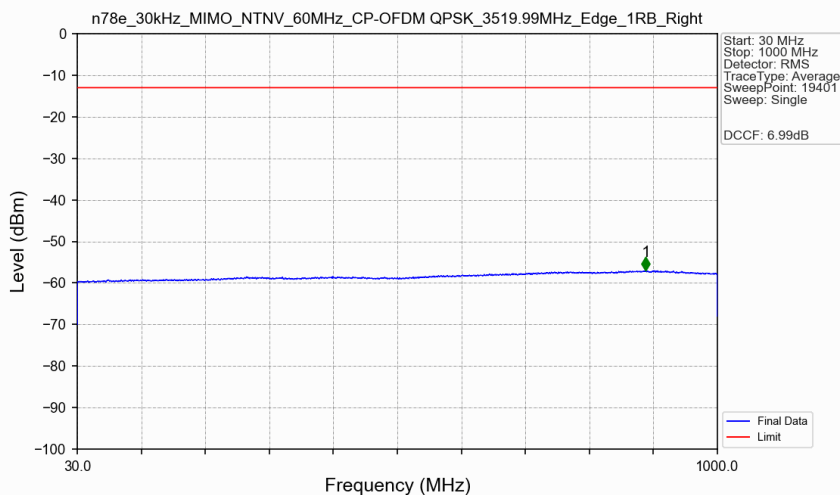
n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant2



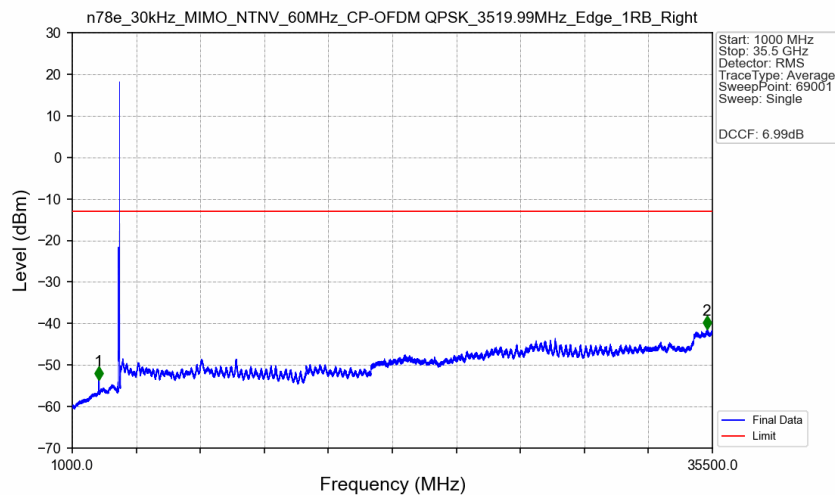
n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant0



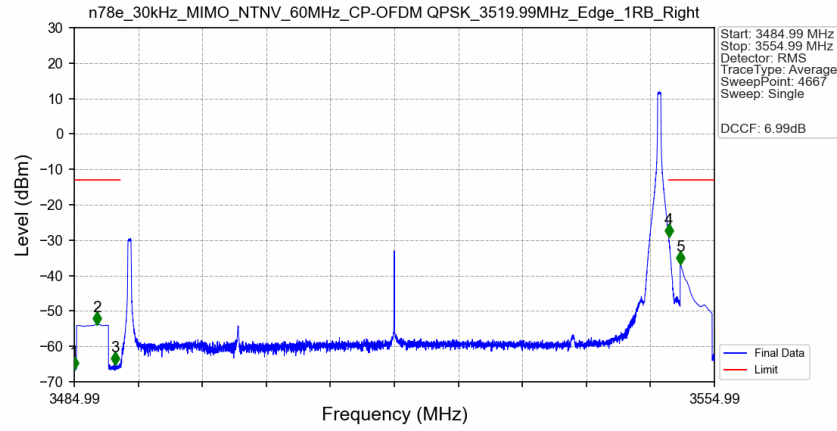
n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant0



n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_Ant0

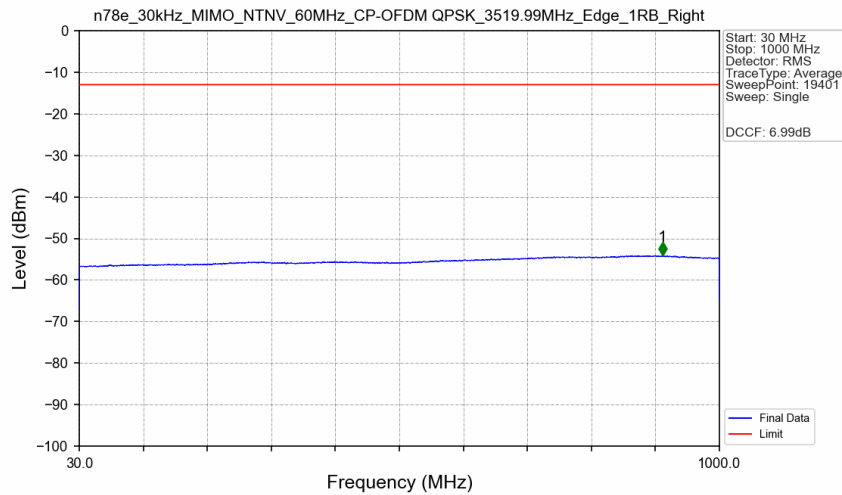


n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_MIMO



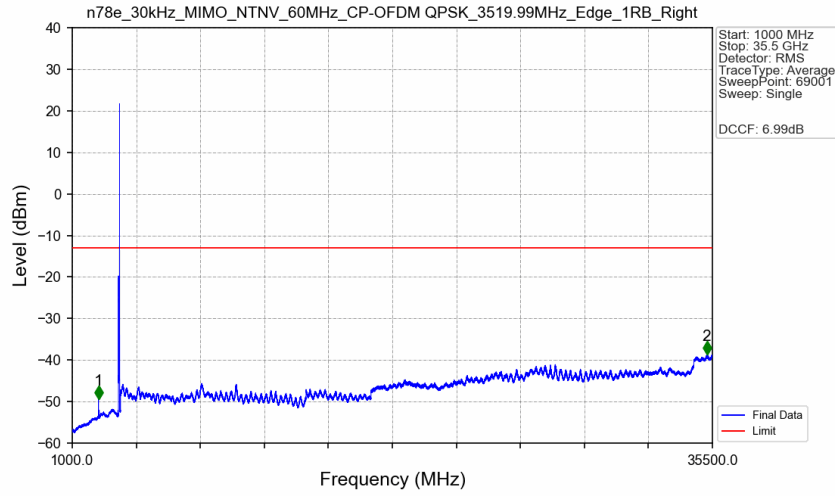
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-66.29	-13	Pass
3484.99	3488.99	0.5	CHP	2	3487.465	-53.73	-13	Pass
3488.99	3489.99	0.03	/	3	3489.491	-64.96	-13	Pass
3489.99	3549.99	0.03	/	/	/	/	/	/
3549.99	3550.99	0.03	/	4	3549.994	-28.81	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.254	-36.52	-13	Pass

n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_MIMO

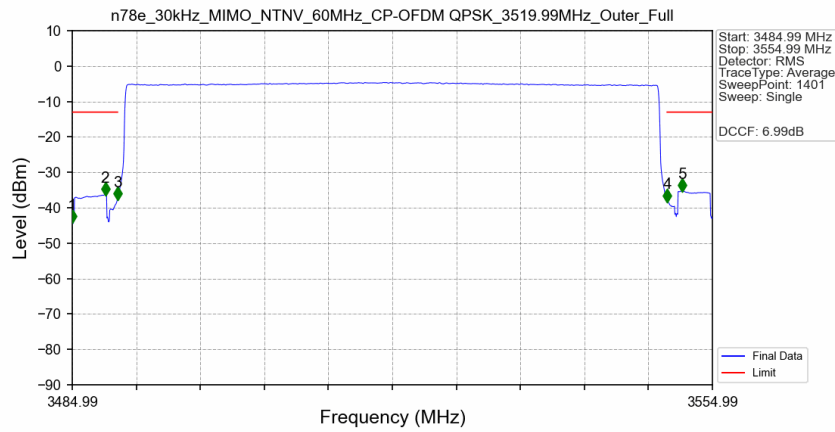


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	913.950	-54.11	-13	Pass

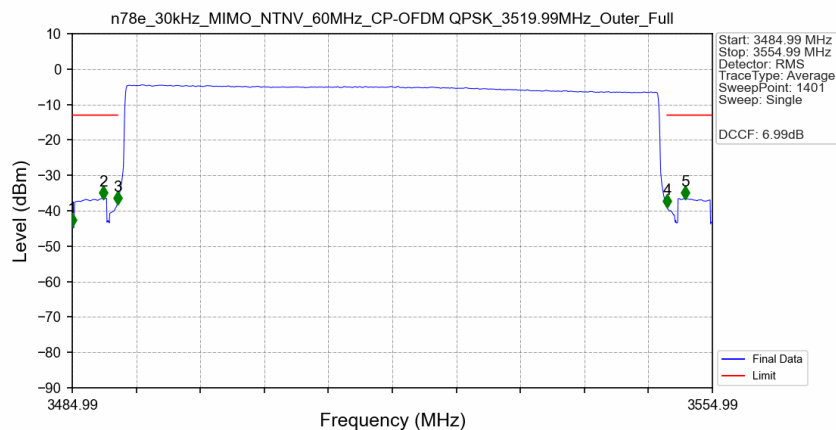
n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Edge_1RB_Right_MIMO



n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM_QPSK_3519.99MHz_Outer_Full_Ant2

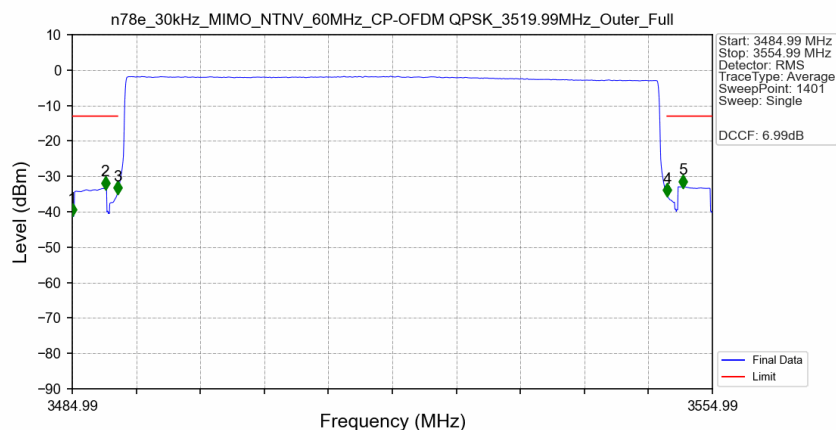


n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-44.06	-13	Pass
3484.99	3488.99	0.5	CHP	2	3488.390	-36.46	-13	Pass
3488.99	3489.99	0.2	CHP	3	3489.940	-38.03	-13	Pass
3489.99	3549.99	0.2	CHP	/	/	/	/	/
3549.99	3550.99	0.2	CHP	4	3550.040	-38.89	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.990	-36.49	-13	Pass

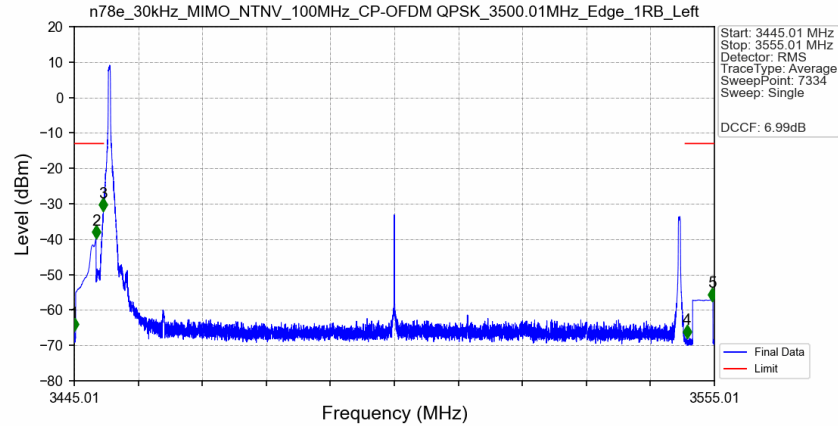
n78e_30kHz_MIMO_NTNV_60MHz_CP-OFDM QPSK_3519.99MHz_Outer_Full_MIMO



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3484.99	3484.99	0.5	/	1	3484.990	-40.98	-13	Pass
3484.99	3488.99	0.5	CHP	2	3488.590	-33.39	-13	Pass
3488.99	3489.99	0.2	CHP	3	3489.940	-34.77	-13	Pass
3489.99	3549.99	0.2	CHP	/	/	/	/	/
3549.99	3550.99	0.2	CHP	4	3550.040	-35.47	-13	Pass
3550.99	3554.99	0.5	CHP	5	3551.740	-32.94	-13	Pass

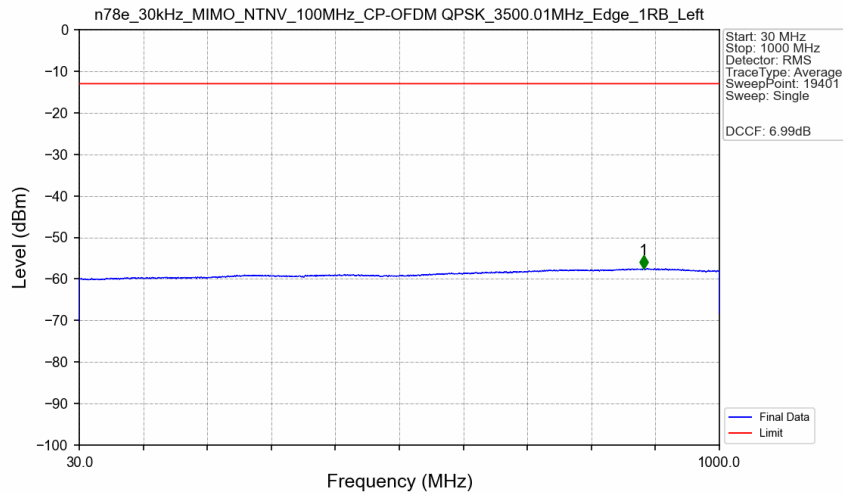
2.2.3 30_M_100M_NTNV

n78e 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left Ant2



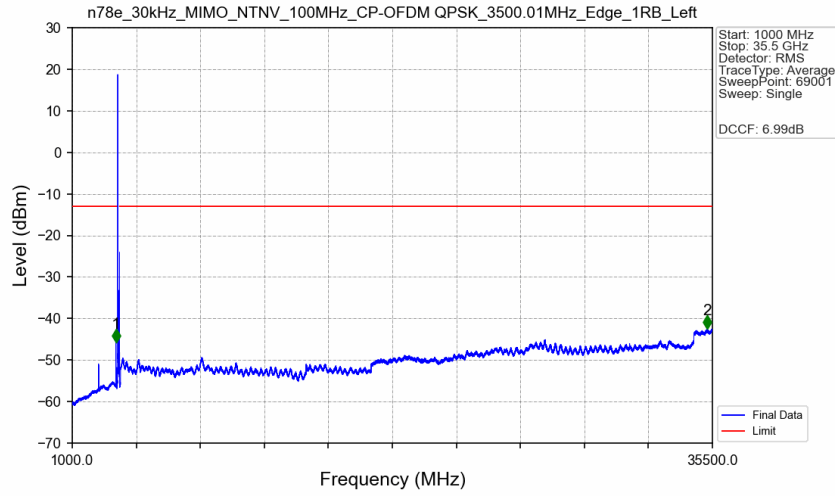
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-65.58	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.745	-39.56	-13	Pass
3449.01	3450.01	0.03	/	3	3450.005	-31.85	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	4	3550.285	-67.63	-13	Pass
3551.01	3555.01	0.5	CHP	5	3554.590	-57.14	-13	Pass

n78e 30kHz MIMO NTN 100MHz CP-OFDM QPSK 3500.01MHz Edge 1RB Left Ant2



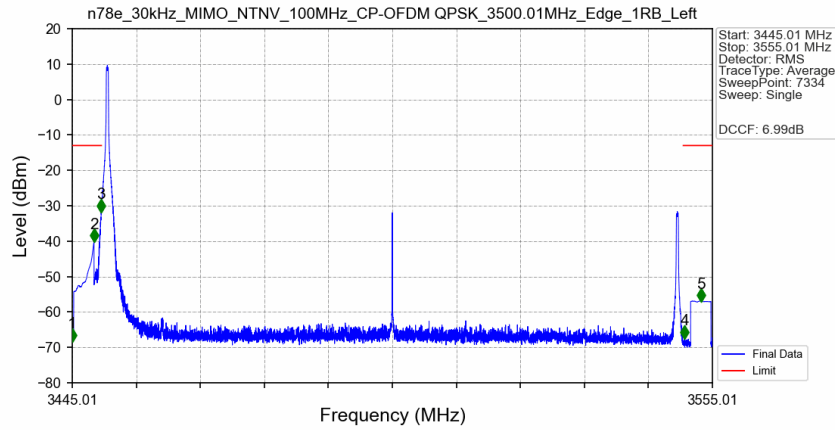
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	885.100	-57.47	-13	Pass

n78e_30kHz_MIMO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant2



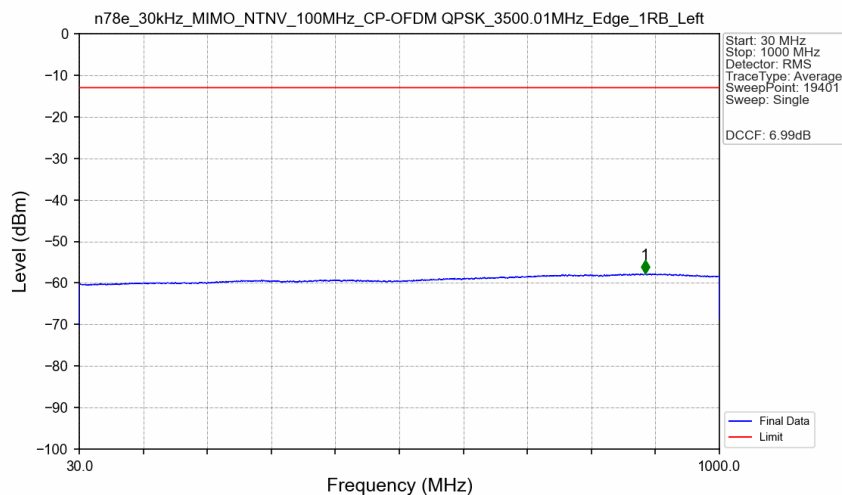
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3353.000	-45.79	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	35221.000	-42.41	-13	Pass

n78e_30kHz_MIMO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_Ant0

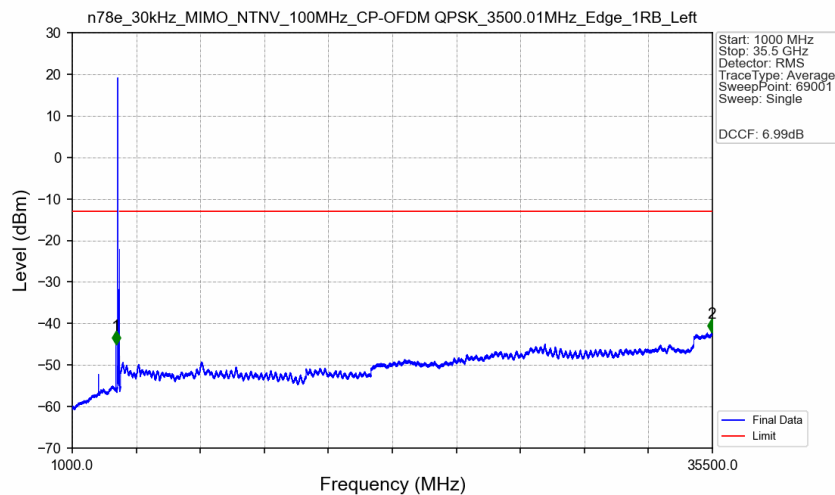


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-68.01	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.745	-40.00	-13	Pass
3449.01	3450.01	0.03	/	3	3449.975	-31.52	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	4	3550.210	-67.22	-13	Pass
3551.01	3555.01	0.5	CHP	5	3553.015	-56.86	-13	Pass

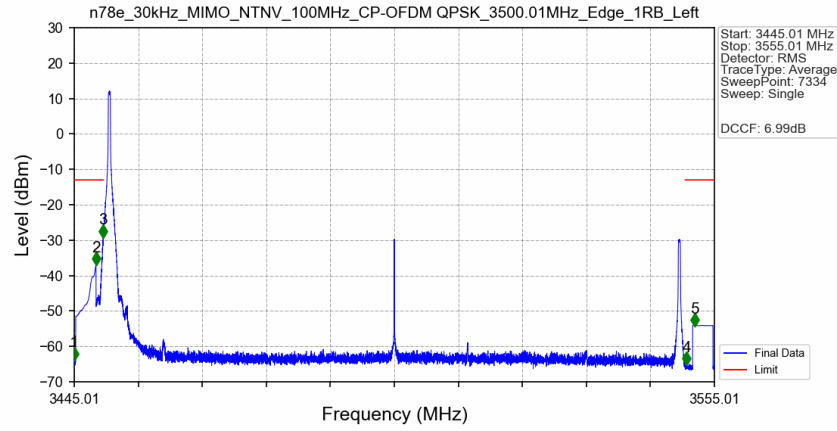
n78e_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left_Ant0



n78e_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left_Ant0

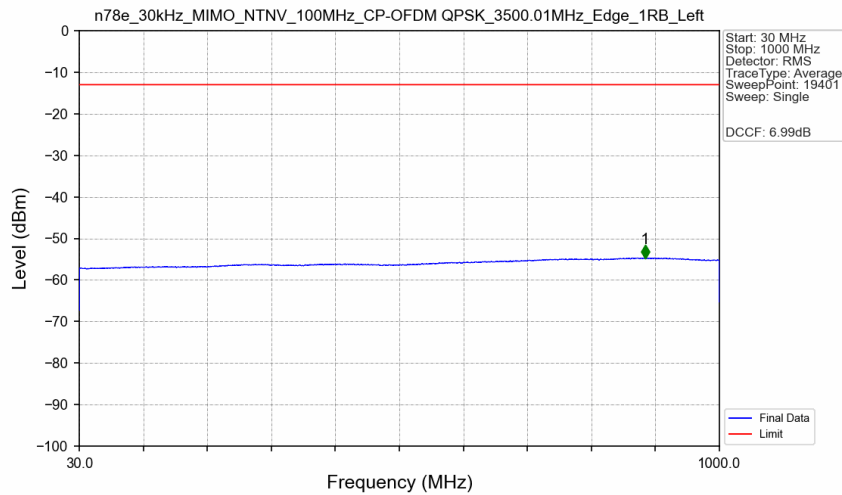


n78e_30kHz_MIMO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_MIMO



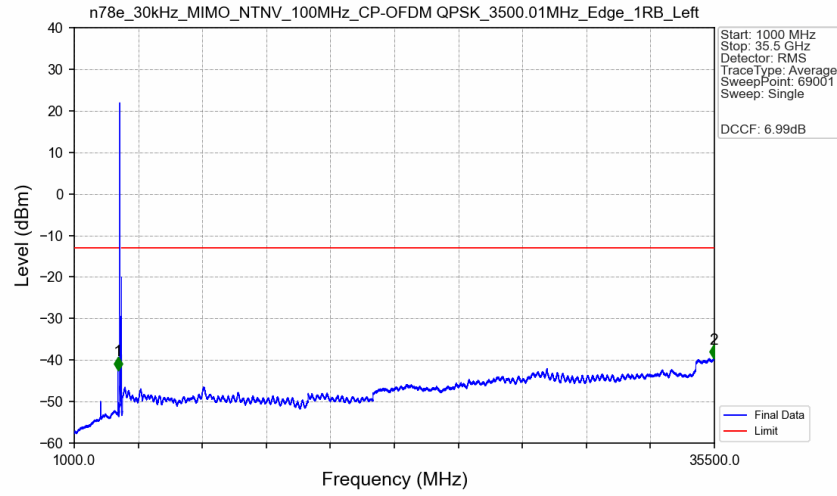
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-63.62	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.745	-36.76	-13	Pass
3449.01	3450.01	0.03	/	3	3450.005	-28.97	-13	Pass
3450.01	3550.01	0.03	/	/	/	/	/	/
3550.01	3551.01	0.03	/	4	3550.210	-65.03	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.590	-54.07	-13	Pass

n78e_30kHz_MIMO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Edge_1RB_Left_MIMO



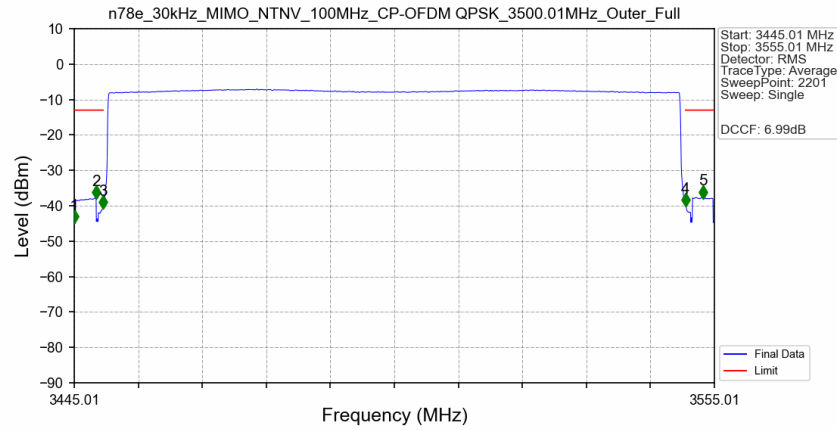
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	887.250	-54.68	-13	Pass

n78e_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Edge_1RB_Left_MIMO



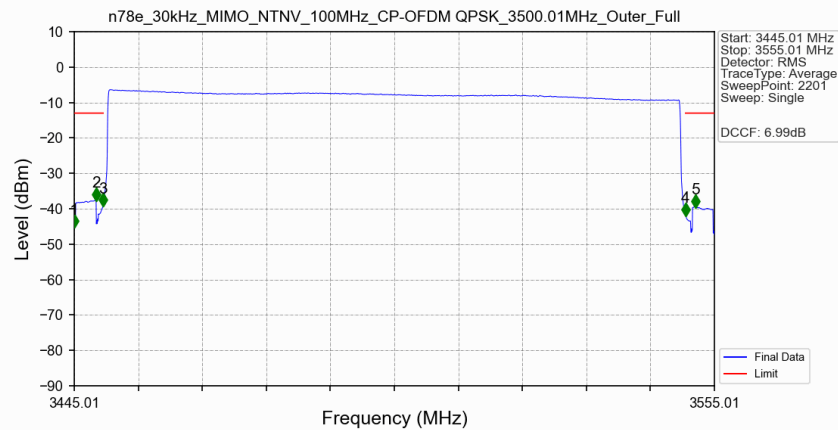
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3445.01	1	/	1	3353.000	-42.37	-13	Pass
3445.01	3555.01	1	/	/	/	/	/	/
3555.01	35500	1	/	2	35451.000	-39.51	-13	Pass

n78e_30kHz_MIMO_NTNV_100MHz_CP-OFDM QPSK_3500.01MHz_Outer_Full_Ant2



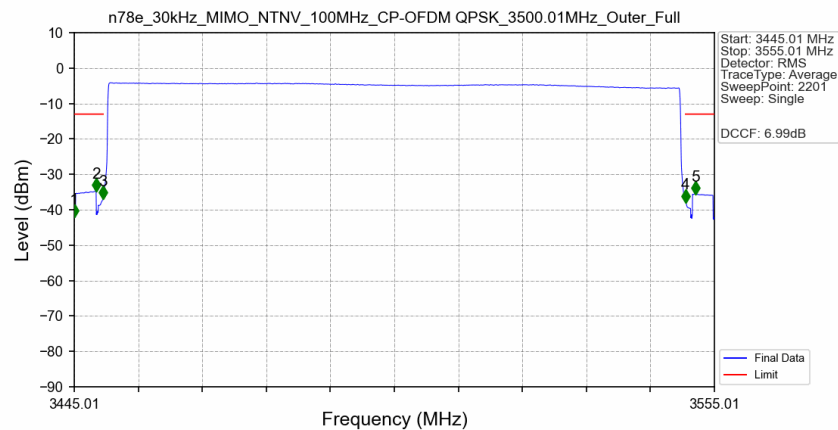
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-44.63	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.760	-37.76	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-40.53	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.060	-39.84	-13	Pass
3551.01	3555.01	0.5	CHP	5	3553.010	-37.68	-13	Pass

n78e_30kHz_MIMO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_Ant0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-45.09	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.760	-37.46	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-39.06	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.060	-41.70	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.810	-39.40	-13	Pass

n78e_30kHz_MIMO_NTNV_100MHz_CP-OFDM_QPSK_3500.01MHz_Outer_Full_MIMO



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3445.01	3445.01	0.5	/	1	3445.010	-41.84	-13	Pass
3445.01	3449.01	0.5	CHP	2	3448.760	-34.60	-13	Pass
3449.01	3450.01	0.2	CHP	3	3449.960	-36.72	-13	Pass
3450.01	3550.01	0.2	CHP	/	/	/	/	/
3550.01	3551.01	0.2	CHP	4	3550.060	-37.66	-13	Pass
3551.01	3555.01	0.5	CHP	5	3551.810	-35.47	-13	Pass