



Appendix A.37

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	21.73	/	/	20.33	/	/	<=23	Pass
		Edge_1RB_Right	23.22	/	/	21.82	/	/	<=23	Pass
		Outer_Full	23.73	/	/	22.33	/	/	<=23	Pass
		Inner_Full	22.02	/	/	20.62	/	/	<=23	Pass
		Inner_1RB_Left	19.92	/	/	18.52	/	/	<=23	Pass
		Inner_1RB_Right	24.30	/	/	22.90	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	22.59	/	/	21.19	/	/	<=23	Pass
		Edge_1RB_Right	23.60	/	/	22.20	/	/	<=23	Pass
		Outer_Full	24.15	/	/	22.75	/	/	<=23	Pass
		Inner_Full	23.71	/	/	22.31	/	/	<=23	Pass
		Inner_1RB_Left	24.06	/	/	22.66	/	/	<=23	Pass
		Inner_1RB_Right	24.19	/	/	22.79	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	23.52	/	/	22.12	/	/	<=23	Pass
		Edge_1RB_Right	19.26	/	/	17.86	/	/	<=23	Pass
		Outer_Full	23.00	/	/	21.60	/	/	<=23	Pass
		Inner_Full	23.66	/	/	22.26	/	/	<=23	Pass
		Inner_1RB_Left	23.53	/	/	22.13	/	/	<=23	Pass
		Inner_1RB_Right	24.40	/	/	23.00	/	/	<=23	Pass
DFT-s-OFDM QPSK	3555	Edge_1RB_Left	21.30	/	/	19.90	/	/	<=23	Pass
		Edge_1RB_Right	22.00	/	/	20.60	/	/	<=23	Pass
		Outer_Full	23.45	/	/	22.05	/	/	<=23	Pass
		Inner_Full	23.25	/	/	21.85	/	/	<=23	Pass
		Inner_1RB_Left	23.67	/	/	22.27	/	/	<=23	Pass
		Inner_1RB_Right	23.80	/	/	22.40	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	23.47	/	/	22.07	/	/	<=23	Pass
		Edge_1RB_Right	22.22	/	/	20.82	/	/	<=23	Pass
		Outer_Full	23.39	/	/	21.99	/	/	<=23	Pass
		Inner_Full	19.03	/	/	17.63	/	/	<=23	Pass
		Inner_1RB_Left	22.20	/	/	20.80	/	/	<=23	Pass
		Inner_1RB_Right	19.86	/	/	18.46	/	/	<=23	Pass
	3694.98	Edge_1RB_Left	24.15	/	/	22.75	/	/	<=23	Pass
		Edge_1RB_Right	23.17	/	/	21.77	/	/	<=23	Pass
		Outer_Full	23.54	/	/	22.14	/	/	<=23	Pass
		Inner_Full	19.79	/	/	18.39	/	/	<=23	Pass
		Inner_1RB_Left	24.31	/	/	22.91	/	/	<=23	Pass
		Inner_1RB_Right	21.26	/	/	19.86	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3555	Edge_1RB_Left	22.10	/	/	20.70	/	/	<=23	Pass
		Edge_1RB_Right	22.28	/	/	20.88	/	/	<=23	Pass
		Outer_Full	21.79	/	/	20.39	/	/	<=23	Pass

		Inner Full	22.41	/	/	21.01	/	/	<=23	Pass
		Inner 1RB Left	21.10	/	/	19.70	/	/	<=23	Pass
		Inner 1RB Right	22.41	/	/	21.01	/	/	<=23	Pass
	3624.99	Edge 1RB Left	22.88	/	/	21.48	/	/	<=23	Pass
		Edge 1RB Right	24.09	/	/	22.69	/	/	<=23	Pass
		Outer Full	22.51	/	/	21.11	/	/	<=23	Pass
		Inner Full	23.29	/	/	21.89	/	/	<=23	Pass
		Inner 1RB Left	22.58	/	/	21.18	/	/	<=23	Pass
		Inner 1RB Right	22.29	/	/	20.89	/	/	<=23	Pass
	3694.98	Edge 1RB Left	23.14	/	/	21.74	/	/	<=23	Pass
		Edge 1RB Right	22.38	/	/	20.98	/	/	<=23	Pass
		Outer Full	22.47	/	/	21.07	/	/	<=23	Pass
		Inner Full	23.29	/	/	21.89	/	/	<=23	Pass
		Inner 1RB Left	23.15	/	/	21.75	/	/	<=23	Pass
		Inner 1RB Right	17.88	/	/	16.48	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3555	Edge 1RB Left	21.93	/	/	20.53	/	/	<=23	Pass
		Edge 1RB Right	21.59	/	/	20.19	/	/	<=23	Pass
		Outer Full	20.57	/	/	19.17	/	/	<=23	Pass
		Inner Full	21.55	/	/	20.15	/	/	<=23	Pass
		Inner 1RB Left	20.72	/	/	19.32	/	/	<=23	Pass
		Inner 1RB Right	20.84	/	/	19.44	/	/	<=23	Pass
	3624.99	Edge 1RB Left	23.04	/	/	21.64	/	/	<=23	Pass
		Edge 1RB Right	22.11	/	/	20.71	/	/	<=23	Pass
		Outer Full	23.11	/	/	21.71	/	/	<=23	Pass
		Inner Full	18.38	/	/	16.98	/	/	<=23	Pass
		Inner 1RB Left	22.68	/	/	21.28	/	/	<=23	Pass
		Inner 1RB Right	23.14	/	/	21.74	/	/	<=23	Pass
	3694.98	Edge 1RB Left	21.02	/	/	19.62	/	/	<=23	Pass
		Edge 1RB Right	22.26	/	/	20.86	/	/	<=23	Pass
		Outer Full	21.85	/	/	20.45	/	/	<=23	Pass
		Inner Full	21.08	/	/	19.68	/	/	<=23	Pass
		Inner 1RB Left	22.23	/	/	20.83	/	/	<=23	Pass
		Inner 1RB Right	23.03	/	/	21.63	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3555	Edge 1RB Left	19.81	/	/	18.41	/	/	<=23	Pass
		Edge 1RB Right	19.61	/	/	18.21	/	/	<=23	Pass
		Outer Full	18.30	/	/	16.90	/	/	<=23	Pass
		Inner Full	19.15	/	/	17.75	/	/	<=23	Pass
		Inner 1RB Left	18.38	/	/	16.98	/	/	<=23	Pass
		Inner 1RB Right	18.43	/	/	17.03	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.02	/	/	17.62	/	/	<=23	Pass
		Edge 1RB Right	17.39	/	/	15.99	/	/	<=23	Pass
		Outer Full	18.79	/	/	17.39	/	/	<=23	Pass
		Inner Full	18.98	/	/	17.58	/	/	<=23	Pass
		Inner 1RB Left	21.17	/	/	19.77	/	/	<=23	Pass
		Inner 1RB Right	19.82	/	/	18.42	/	/	<=23	Pass
	3694.98	Edge 1RB Left	20.22	/	/	18.82	/	/	<=23	Pass
		Edge 1RB Right	20.08	/	/	18.68	/	/	<=23	Pass
		Outer Full	20.77	/	/	19.37	/	/	<=23	Pass
		Inner Full	19.40	/	/	18.00	/	/	<=23	Pass
		Inner 1RB Left	19.20	/	/	17.80	/	/	<=23	Pass
		Inner 1RB Right	20.42	/	/	19.02	/	/	<=23	Pass
CP-OFDM QPSK	3555	Edge 1RB Left	20.67	/	/	19.27	/	/	<=23	Pass
		Edge 1RB Right	19.37	/	/	17.97	/	/	<=23	Pass

		Outer_Full	21.20	/	/	19.80	/	/	<=23	Pass
		Inner_Full	22.44	/	/	21.04	/	/	<=23	Pass
		Inner_1RB_Left	21.93	/	/	20.53	/	/	<=23	Pass
		Inner_1RB_Right	23.04	/	/	21.64	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	22.58	/	/	21.18	/	/	<=23	Pass
		Edge_1RB_Right	20.40	/	/	19.00	/	/	<=23	Pass
		Outer_Full	22.49	/	/	21.09	/	/	<=23	Pass
		Inner_Full	23.89	/	/	22.49	/	/	<=23	Pass
	3694.98	Inner_1RB_Left	23.11	/	/	21.71	/	/	<=23	Pass
		Inner_1RB_Right	23.63	/	/	22.23	/	/	<=23	Pass
		Edge_1RB_Left	21.13	/	/	19.73	/	/	<=23	Pass
		Edge_1RB_Right	23.09	/	/	21.69	/	/	<=23	Pass
CP-OFDM 16 QAM	3555	Outer_Full	21.79	/	/	20.39	/	/	<=23	Pass
		Inner_Full	23.71	/	/	22.31	/	/	<=23	Pass
		Inner_1RB_Left	23.28	/	/	21.88	/	/	<=23	Pass
		Inner_1RB_Right	23.67	/	/	22.27	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.34	/	/	18.94	/	/	<=23	Pass
		Edge_1RB_Right	20.83	/	/	19.43	/	/	<=23	Pass
		Outer_Full	20.54	/	/	19.14	/	/	<=23	Pass
		Inner_Full	22.48	/	/	21.08	/	/	<=23	Pass
	3694.98	Inner_1RB_Left	20.93	/	/	19.53	/	/	<=23	Pass
		Inner_1RB_Right	21.49	/	/	20.09	/	/	<=23	Pass
		Edge_1RB_Left	21.73	/	/	20.33	/	/	<=23	Pass
		Edge_1RB_Right	22.34	/	/	20.94	/	/	<=23	Pass
CP-OFDM 64 QAM	3555	Outer_Full	20.63	/	/	19.23	/	/	<=23	Pass
		Inner_Full	21.59	/	/	20.19	/	/	<=23	Pass
		Inner_1RB_Left	21.94	/	/	20.54	/	/	<=23	Pass
		Inner_1RB_Right	21.68	/	/	20.28	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	22.00	/	/	20.60	/	/	<=23	Pass
		Edge_1RB_Right	21.92	/	/	20.52	/	/	<=23	Pass
		Outer_Full	23.51	/	/	22.11	/	/	<=23	Pass
		Inner_Full	22.69	/	/	21.29	/	/	<=23	Pass
	3694.98	Inner_1RB_Left	22.81	/	/	21.41	/	/	<=23	Pass
		Inner_1RB_Right	23.65	/	/	22.25	/	/	<=23	Pass
		Edge_1RB_Left	19.61	/	/	18.21	/	/	<=23	Pass
		Edge_1RB_Right	19.75	/	/	18.35	/	/	<=23	Pass
CP-OFDM 256 QAM	3555	Outer_Full	19.63	/	/	18.23	/	/	<=23	Pass
		Inner_Full	20.34	/	/	18.94	/	/	<=23	Pass
		Inner_1RB_Left	20.18	/	/	18.78	/	/	<=23	Pass
		Inner_1RB_Right	21.16	/	/	19.76	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.46	/	/	20.06	/	/	<=23	Pass
		Edge_1RB_Right	21.01	/	/	19.61	/	/	<=23	Pass
		Outer_Full	22.53	/	/	21.13	/	/	<=23	Pass
		Inner_Full	21.33	/	/	19.93	/	/	<=23	Pass
	3694.98	Inner_1RB_Left	21.88	/	/	20.48	/	/	<=23	Pass
		Inner_1RB_Right	21.98	/	/	20.58	/	/	<=23	Pass
		Edge_1RB_Left	20.43	/	/	19.03	/	/	<=23	Pass
		Edge_1RB_Right	21.64	/	/	20.24	/	/	<=23	Pass
	3555	Outer_Full	19.87	/	/	18.47	/	/	<=23	Pass
		Inner_Full	20.67	/	/	19.27	/	/	<=23	Pass
		Inner_1RB_Left	19.97	/	/	18.57	/	/	<=23	Pass
		Inner_1RB_Right	20.87	/	/	19.47	/	/	<=23	Pass
	3555	Edge_1RB_Left	17.59	/	/	16.19	/	/	<=23	Pass



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		Edge_1RB_Right	17.36	/	/	15.96	/	/	<=23	Pass
		Outer_Full	17.73	/	/	16.33	/	/	<=23	Pass
		Inner_Full	16.61	/	/	15.21	/	/	<=23	Pass
		Inner_1RB_Left	16.17	/	/	14.77	/	/	<=23	Pass
		Inner_1RB_Right	17.34	/	/	15.94	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.31	/	/	15.91	/	/	<=23	Pass
		Edge_1RB_Right	18.67	/	/	17.27	/	/	<=23	Pass
		Outer_Full	19.41	/	/	18.01	/	/	<=23	Pass
		Inner_Full	18.84	/	/	17.44	/	/	<=23	Pass
		Inner_1RB_Left	17.32	/	/	15.92	/	/	<=23	Pass
	3694.98	Inner_1RB_Right	19.27	/	/	17.87	/	/	<=23	Pass
		Edge_1RB_Left	18.53	/	/	17.13	/	/	<=23	Pass
		Edge_1RB_Right	16.38	/	/	14.98	/	/	<=23	Pass
		Outer_Full	18.20	/	/	16.80	/	/	<=23	Pass
		Inner_Full	17.51	/	/	16.11	/	/	<=23	Pass
		Inner_1RB_Left	18.82	/	/	17.42	/	/	<=23	Pass
		Inner_1RB_Right	18.37	/	/	16.97	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: -1.40dBi; Ant2: -1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.2 30_S_20M_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	23.69	/	/	22.29	/	/	<=23	Pass
		Edge_1RB_Right	22.82	/	/	21.42	/	/	<=23	Pass
		Outer_Full	20.26	/	/	18.86	/	/	<=23	Pass
		Inner_Full	23.91	/	/	22.51	/	/	<=23	Pass
		Inner_1RB_Left	24.02	/	/	22.62	/	/	<=23	Pass
		Inner_1RB_Right	23.85	/	/	22.45	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	22.58	/	/	21.18	/	/	<=23	Pass
		Edge_1RB_Right	19.77	/	/	18.37	/	/	<=23	Pass
		Outer_Full	20.14	/	/	18.74	/	/	<=23	Pass
		Inner_Full	23.18	/	/	21.78	/	/	<=23	Pass
		Inner_1RB_Left	23.96	/	/	22.56	/	/	<=23	Pass
		Inner_1RB_Right	23.25	/	/	21.85	/	/	<=23	Pass
	3690	Edge_1RB_Left	23.42	/	/	22.02	/	/	<=23	Pass
		Edge_1RB_Right	22.78	/	/	21.38	/	/	<=23	Pass
		Outer_Full	21.02	/	/	19.62	/	/	<=23	Pass
		Inner_Full	23.77	/	/	22.37	/	/	<=23	Pass
		Inner_1RB_Left	24.40	/	/	23.00	/	/	<=23	Pass
		Inner_1RB_Right	21.52	/	/	20.12	/	/	<=23	Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	22.02	/	/	20.62	/	/	<=23	Pass
		Edge_1RB_Right	22.58	/	/	21.18	/	/	<=23	Pass
		Outer_Full	20.81	/	/	19.41	/	/	<=23	Pass
		Inner_Full	23.44	/	/	22.04	/	/	<=23	Pass
		Inner_1RB_Left	23.41	/	/	22.01	/	/	<=23	Pass
		Inner_1RB_Right	22.97	/	/	21.57	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	23.93	/	/	22.53	/	/	<=23	Pass

		Edge_1RB_Right	22.76	/	/	21.36	/	/	<=23	Pass
		Outer_Full	20.91	/	/	19.51	/	/	<=23	Pass
		Inner_Full	23.26	/	/	21.86	/	/	<=23	Pass
		Inner_1RB_Left	22.90	/	/	21.50	/	/	<=23	Pass
		Inner_1RB_Right	23.18	/	/	21.78	/	/	<=23	Pass
		Edge_1RB_Left	23.07	/	/	21.67	/	/	<=23	Pass
		Edge_1RB_Right	23.15	/	/	21.75	/	/	<=23	Pass
		Outer_Full	17.54	/	/	16.14	/	/	<=23	Pass
		Inner_Full	23.77	/	/	22.37	/	/	<=23	Pass
		Inner_1RB_Left	23.06	/	/	21.66	/	/	<=23	Pass
		Inner_1RB_Right	23.63	/	/	22.23	/	/	<=23	Pass
		Edge_1RB_Left	21.66	/	/	20.26	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3560.01	Edge_1RB_Right	21.46	/	/	20.06	/	/	<=23	Pass
		Outer_Full	19.11	/	/	17.71	/	/	<=23	Pass
		Inner_Full	22.31	/	/	20.91	/	/	<=23	Pass
		Inner_1RB_Left	22.48	/	/	21.08	/	/	<=23	Pass
		Inner_1RB_Right	22.65	/	/	21.25	/	/	<=23	Pass
		Edge_1RB_Left	23.75	/	/	22.35	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	22.19	/	/	20.79	/	/	<=23	Pass
		Outer_Full	19.97	/	/	18.57	/	/	<=23	Pass
		Inner_Full	24.09	/	/	22.69	/	/	<=23	Pass
		Inner_1RB_Left	23.49	/	/	22.09	/	/	<=23	Pass
		Inner_1RB_Right	23.16	/	/	21.76	/	/	<=23	Pass
		Edge_1RB_Left	21.12	/	/	19.72	/	/	<=23	Pass
	3690	Edge_1RB_Right	22.68	/	/	21.28	/	/	<=23	Pass
		Outer_Full	19.02	/	/	17.62	/	/	<=23	Pass
		Inner_Full	23.00	/	/	21.60	/	/	<=23	Pass
		Inner_1RB_Left	24.23	/	/	22.83	/	/	<=23	Pass
		Inner_1RB_Right	24.12	/	/	22.72	/	/	<=23	Pass
		Edge_1RB_Left	20.32	/	/	18.92	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3560.01	Edge_1RB_Right	22.04	/	/	20.64	/	/	<=23	Pass
		Outer_Full	18.20	/	/	16.80	/	/	<=23	Pass
		Inner_Full	20.15	/	/	18.75	/	/	<=23	Pass
		Inner_1RB_Left	20.83	/	/	19.43	/	/	<=23	Pass
		Inner_1RB_Right	21.35	/	/	19.95	/	/	<=23	Pass
		Edge_1RB_Left	21.90	/	/	20.50	/	/	<=23	Pass
	3624.99	Edge_1RB_Right	20.91	/	/	19.51	/	/	<=23	Pass
		Outer_Full	18.51	/	/	17.11	/	/	<=23	Pass
		Inner_Full	21.24	/	/	19.84	/	/	<=23	Pass
		Inner_1RB_Left	21.01	/	/	19.61	/	/	<=23	Pass
		Inner_1RB_Right	21.16	/	/	19.76	/	/	<=23	Pass
		Edge_1RB_Left	20.80	/	/	19.40	/	/	<=23	Pass
	3690	Edge_1RB_Right	20.06	/	/	18.66	/	/	<=23	Pass
		Outer_Full	17.18	/	/	15.78	/	/	<=23	Pass
		Inner_Full	19.90	/	/	18.50	/	/	<=23	Pass
		Inner_1RB_Left	20.88	/	/	19.48	/	/	<=23	Pass
		Inner_1RB_Right	18.98	/	/	17.58	/	/	<=23	Pass
		Edge_1RB_Left	18.61	/	/	17.21	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3560.01	Edge_1RB_Right	18.02	/	/	16.62	/	/	<=23	Pass
		Outer_Full	16.38	/	/	14.98	/	/	<=23	Pass
		Inner_Full	18.41	/	/	17.01	/	/	<=23	Pass
		Inner_1RB_Left	18.64	/	/	17.24	/	/	<=23	Pass
		Inner_1RB_Right	18.59	/	/	17.19	/	/	<=23	Pass
		Edge_1RB_Left	18.61	/	/	17.21	/	/	<=23	Pass

	3624.99	Edge_1RB_Left	20.00	/	/	18.60	/	/	<=23	Pass
		Edge_1RB_Right	20.12	/	/	18.72	/	/	<=23	Pass
		Outer_Full	16.64	/	/	15.24	/	/	<=23	Pass
		Inner_Full	19.54	/	/	18.14	/	/	<=23	Pass
		Inner_1RB_Left	19.01	/	/	17.61	/	/	<=23	Pass
		Inner_1RB_Right	18.22	/	/	16.82	/	/	<=23	Pass
	3690	Edge_1RB_Left	19.90	/	/	18.50	/	/	<=23	Pass
		Edge_1RB_Right	20.88	/	/	19.48	/	/	<=23	Pass
		Outer_Full	16.86	/	/	15.46	/	/	<=23	Pass
		Inner_Full	19.32	/	/	17.92	/	/	<=23	Pass
		Inner_1RB_Left	19.63	/	/	18.23	/	/	<=23	Pass
		Inner_1RB_Right	20.33	/	/	18.93	/	/	<=23	Pass
CP-OFDM QPSK	3560.01	Edge_1RB_Left	20.52	/	/	19.12	/	/	<=23	Pass
		Edge_1RB_Right	19.76	/	/	18.36	/	/	<=23	Pass
		Outer_Full	17.70	/	/	16.30	/	/	<=23	Pass
		Inner_Full	22.77	/	/	21.37	/	/	<=23	Pass
		Inner_1RB_Left	22.17	/	/	20.77	/	/	<=23	Pass
		Inner_1RB_Right	21.56	/	/	20.16	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.69	/	/	19.29	/	/	<=23	Pass
		Edge_1RB_Right	21.71	/	/	20.31	/	/	<=23	Pass
		Outer_Full	19.14	/	/	17.74	/	/	<=23	Pass
		Inner_Full	21.38	/	/	19.98	/	/	<=23	Pass
		Inner_1RB_Left	21.10	/	/	19.70	/	/	<=23	Pass
		Inner_1RB_Right	22.14	/	/	20.74	/	/	<=23	Pass
	3690	Edge_1RB_Left	19.02	/	/	17.62	/	/	<=23	Pass
		Edge_1RB_Right	20.70	/	/	19.30	/	/	<=23	Pass
		Outer_Full	17.36	/	/	15.96	/	/	<=23	Pass
		Inner_Full	23.28	/	/	21.88	/	/	<=23	Pass
		Inner_1RB_Left	23.45	/	/	22.05	/	/	<=23	Pass
		Inner_1RB_Right	21.34	/	/	19.94	/	/	<=23	Pass
CP-OFDM 16 QAM	3560.01	Edge_1RB_Left	21.16	/	/	19.76	/	/	<=23	Pass
		Edge_1RB_Right	19.97	/	/	18.57	/	/	<=23	Pass
		Outer_Full	17.84	/	/	16.44	/	/	<=23	Pass
		Inner_Full	21.79	/	/	20.39	/	/	<=23	Pass
		Inner_1RB_Left	20.76	/	/	19.36	/	/	<=23	Pass
		Inner_1RB_Right	21.71	/	/	20.31	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.18	/	/	19.78	/	/	<=23	Pass
		Edge_1RB_Right	22.15	/	/	20.75	/	/	<=23	Pass
		Outer_Full	18.22	/	/	16.82	/	/	<=23	Pass
		Inner_Full	21.25	/	/	19.85	/	/	<=23	Pass
		Inner_1RB_Left	21.27	/	/	19.87	/	/	<=23	Pass
		Inner_1RB_Right	22.63	/	/	21.23	/	/	<=23	Pass
	3690	Edge_1RB_Left	21.87	/	/	20.47	/	/	<=23	Pass
		Edge_1RB_Right	22.79	/	/	21.39	/	/	<=23	Pass
		Outer_Full	19.20	/	/	17.80	/	/	<=23	Pass
		Inner_Full	21.58	/	/	20.18	/	/	<=23	Pass
		Inner_1RB_Left	22.54	/	/	21.14	/	/	<=23	Pass
		Inner_1RB_Right	21.44	/	/	20.04	/	/	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge_1RB_Left	18.94	/	/	17.54	/	/	<=23	Pass
		Edge_1RB_Right	20.91	/	/	19.51	/	/	<=23	Pass
		Outer_Full	18.22	/	/	16.82	/	/	<=23	Pass
		Inner_Full	19.74	/	/	18.34	/	/	<=23	Pass
		Inner_1RB_Left	19.84	/	/	18.44	/	/	<=23	Pass

	3624.99	Inner 1RB Right	19.51	/	/	18.11	/	/	<=23	Pass
		Edge 1RB Left	21.48	/	/	20.08	/	/	<=23	Pass
		Edge 1RB Right	20.78	/	/	19.38	/	/	<=23	Pass
		Outer Full	18.15	/	/	16.75	/	/	<=23	Pass
		Inner Full	20.61	/	/	19.21	/	/	<=23	Pass
		Inner 1RB Left	20.27	/	/	18.87	/	/	<=23	Pass
		Inner 1RB Right	20.69	/	/	19.29	/	/	<=23	Pass
	3690	Edge 1RB Left	19.67	/	/	18.27	/	/	<=23	Pass
		Edge 1RB Right	21.50	/	/	20.10	/	/	<=23	Pass
		Outer Full	14.75	/	/	13.35	/	/	<=23	Pass
		Inner Full	19.54	/	/	18.14	/	/	<=23	Pass
		Inner 1RB Left	21.30	/	/	19.90	/	/	<=23	Pass
		Inner 1RB Right	20.38	/	/	18.98	/	/	<=23	Pass
		Edge 1RB Left	16.91	/	/	15.51	/	/	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge 1RB Right	17.39	/	/	15.99	/	/	<=23	Pass
		Outer Full	14.63	/	/	13.23	/	/	<=23	Pass
		Inner Full	17.08	/	/	15.68	/	/	<=23	Pass
		Inner 1RB Left	16.99	/	/	15.59	/	/	<=23	Pass
		Inner 1RB Right	17.47	/	/	16.07	/	/	<=23	Pass
		Edge 1RB Left	17.44	/	/	16.04	/	/	<=23	Pass
	3624.99	Edge 1RB Right	18.11	/	/	16.71	/	/	<=23	Pass
		Outer Full	15.08	/	/	13.68	/	/	<=23	Pass
		Inner Full	17.39	/	/	15.99	/	/	<=23	Pass
		Inner 1RB Left	17.90	/	/	16.50	/	/	<=23	Pass
		Inner 1RB Right	18.46	/	/	17.06	/	/	<=23	Pass
		Edge 1RB Left	16.95	/	/	15.55	/	/	<=23	Pass
	3690	Edge 1RB Right	16.88	/	/	15.48	/	/	<=23	Pass
		Outer Full	14.73	/	/	13.33	/	/	<=23	Pass
		Inner Full	15.60	/	/	14.20	/	/	<=23	Pass
		Inner 1RB Left	18.05	/	/	16.65	/	/	<=23	Pass
		Inner 1RB Right	19.46	/	/	18.06	/	/	<=23	Pass
		Edge 1RB Left	16.91	/	/	15.51	/	/	<=23	Pass

Note1: Antenna Gain: Ant1: -1.40dBi; Ant2: -1.40dBi;
Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 30_S_40M_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz SISO 40MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3570	Edge 1RB Left	21.64	/	/	20.24	/	/	<=23	Pass
		Edge 1RB Right	21.38	/	/	19.98	/	/	<=23	Pass
		Outer Full	14.17	/	/	12.77	/	/	<=23	Pass
		Inner Full	22.39	/	/	20.99	/	/	<=23	Pass
		Inner 1RB Left	24.32	/	/	22.92	/	/	<=23	Pass
		Inner 1RB Right	23.36	/	/	21.96	/	/	<=23	Pass
	3624.99	Edge 1RB Left	24.22	/	/	22.82	/	/	<=23	Pass
		Edge 1RB Right	24.38	/	/	22.98	/	/	<=23	Pass
		Outer Full	15.08	/	/	13.68	/	/	<=23	Pass
		Inner Full	22.17	/	/	20.77	/	/	<=23	Pass
		Inner 1RB Left	23.23	/	/	21.83	/	/	<=23	Pass
		Inner 1RB Right	23.39	/	/	21.99	/	/	<=23	Pass

	3679.98	Inner_1RB_Right	24.36	/	/	22.96	/	/	<=23	Pass
		Edge_1RB_Left	24.31	/	/	22.91	/	/	<=23	Pass
		Edge_1RB_Right	19.98	/	/	18.58	/	/	<=23	Pass
		Outer_Full	14.45	/	/	13.05	/	/	<=23	Pass
		Inner_Full	21.58	/	/	20.18	/	/	<=23	Pass
		Inner_1RB_Left	22.79	/	/	21.39	/	/	<=23	Pass
		Inner_1RB_Right	23.76	/	/	22.36	/	/	<=23	Pass
DFT-s-OFDM QPSK	3570	Edge_1RB_Left	20.76	/	/	19.36	/	/	<=23	Pass
		Edge_1RB_Right	20.81	/	/	19.41	/	/	<=23	Pass
		Outer_Full	14.99	/	/	13.59	/	/	<=23	Pass
		Inner_Full	23.09	/	/	21.69	/	/	<=23	Pass
		Inner_1RB_Left	24.37	/	/	22.97	/	/	<=23	Pass
		Inner_1RB_Right	22.75	/	/	21.35	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	21.43	/	/	20.03	/	/	<=23	Pass
		Edge_1RB_Right	20.03	/	/	18.63	/	/	<=23	Pass
		Outer_Full	15.89	/	/	14.49	/	/	<=23	Pass
		Inner_Full	21.67	/	/	20.27	/	/	<=23	Pass
		Inner_1RB_Left	22.66	/	/	21.26	/	/	<=23	Pass
		Inner_1RB_Right	23.78	/	/	22.38	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	22.34	/	/	20.94	/	/	<=23	Pass
		Edge_1RB_Right	21.64	/	/	20.24	/	/	<=23	Pass
		Outer_Full	15.38	/	/	13.98	/	/	<=23	Pass
		Inner_Full	22.26	/	/	20.86	/	/	<=23	Pass
		Inner_1RB_Left	23.16	/	/	21.76	/	/	<=23	Pass
		Inner_1RB_Right	24.18	/	/	22.78	/	/	<=23	Pass
DFT-s-OFDM 16 QAM	3570	Edge_1RB_Left	20.14	/	/	18.74	/	/	<=23	Pass
		Edge_1RB_Right	19.95	/	/	18.55	/	/	<=23	Pass
		Outer_Full	15.32	/	/	13.92	/	/	<=23	Pass
		Inner_Full	20.64	/	/	19.24	/	/	<=23	Pass
		Inner_1RB_Left	22.87	/	/	21.47	/	/	<=23	Pass
		Inner_1RB_Right	24.14	/	/	22.74	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.77	/	/	19.37	/	/	<=23	Pass
		Edge_1RB_Right	20.37	/	/	18.97	/	/	<=23	Pass
		Outer_Full	14.63	/	/	13.23	/	/	<=23	Pass
		Inner_Full	21.45	/	/	20.05	/	/	<=23	Pass
		Inner_1RB_Left	22.90	/	/	21.50	/	/	<=23	Pass
		Inner_1RB_Right	22.32	/	/	20.92	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	20.37	/	/	18.97	/	/	<=23	Pass
		Edge_1RB_Right	22.31	/	/	20.91	/	/	<=23	Pass
		Outer_Full	15.30	/	/	13.90	/	/	<=23	Pass
		Inner_Full	20.87	/	/	19.47	/	/	<=23	Pass
		Inner_1RB_Left	24.07	/	/	22.67	/	/	<=23	Pass
		Inner_1RB_Right	22.56	/	/	21.16	/	/	<=23	Pass
DFT-s-OFDM 64 QAM	3570	Edge_1RB_Left	19.80	/	/	18.40	/	/	<=23	Pass
		Edge_1RB_Right	20.50	/	/	19.10	/	/	<=23	Pass
		Outer_Full	15.48	/	/	14.08	/	/	<=23	Pass
		Inner_Full	19.77	/	/	18.37	/	/	<=23	Pass
		Inner_1RB_Left	21.28	/	/	19.88	/	/	<=23	Pass
		Inner_1RB_Right	21.55	/	/	20.15	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	20.62	/	/	19.22	/	/	<=23	Pass
		Edge_1RB_Right	20.94	/	/	19.54	/	/	<=23	Pass
		Outer_Full	15.37	/	/	13.97	/	/	<=23	Pass
		Inner_Full	19.19	/	/	17.79	/	/	<=23	Pass

	3679.98	Inner 1RB Left	21.50	/	/	20.10	/	/	<=23	Pass
		Inner 1RB Right	21.64	/	/	20.24	/	/	<=23	Pass
		Edge 1RB Left	19.20	/	/	17.80	/	/	<=23	Pass
		Edge 1RB Right	21.71	/	/	20.31	/	/	<=23	Pass
		Outer Full	14.94	/	/	13.54	/	/	<=23	Pass
		Inner Full	18.55	/	/	17.15	/	/	<=23	Pass
		Inner 1RB Left	20.92	/	/	19.52	/	/	<=23	Pass
		Inner 1RB Right	23.04	/	/	21.64	/	/	<=23	Pass
DFT-s-OFDM 256 QAM	3570	Edge 1RB Left	18.91	/	/	17.51	/	/	<=23	Pass
		Edge 1RB Right	19.61	/	/	18.21	/	/	<=23	Pass
		Outer Full	15.20	/	/	13.80	/	/	<=23	Pass
		Inner Full	17.42	/	/	16.02	/	/	<=23	Pass
		Inner 1RB Left	18.97	/	/	17.57	/	/	<=23	Pass
		Inner 1RB Right	17.91	/	/	16.51	/	/	<=23	Pass
	3624.99	Edge 1RB Left	20.35	/	/	18.95	/	/	<=23	Pass
		Edge 1RB Right	20.16	/	/	18.76	/	/	<=23	Pass
		Outer Full	14.90	/	/	13.50	/	/	<=23	Pass
		Inner Full	18.40	/	/	17.00	/	/	<=23	Pass
		Inner 1RB Left	20.90	/	/	19.50	/	/	<=23	Pass
		Inner 1RB Right	21.25	/	/	19.85	/	/	<=23	Pass
	3679.98	Edge 1RB Left	20.23	/	/	18.83	/	/	<=23	Pass
		Edge 1RB Right	19.23	/	/	17.83	/	/	<=23	Pass
		Outer Full	14.80	/	/	13.40	/	/	<=23	Pass
		Inner Full	17.28	/	/	15.88	/	/	<=23	Pass
		Inner 1RB Left	18.94	/	/	17.54	/	/	<=23	Pass
		Inner 1RB Right	19.65	/	/	18.25	/	/	<=23	Pass
CP-OFDM QPSK	3570	Edge 1RB Left	22.47	/	/	21.07	/	/	<=23	Pass
		Edge 1RB Right	21.49	/	/	20.09	/	/	<=23	Pass
		Outer Full	12.73	/	/	11.33	/	/	<=23	Pass
		Inner Full	19.82	/	/	18.42	/	/	<=23	Pass
		Inner 1RB Left	22.71	/	/	21.31	/	/	<=23	Pass
		Inner 1RB Right	21.30	/	/	19.90	/	/	<=23	Pass
	3624.99	Edge 1RB Left	19.44	/	/	18.04	/	/	<=23	Pass
		Edge 1RB Right	21.30	/	/	19.90	/	/	<=23	Pass
		Outer Full	13.23	/	/	11.83	/	/	<=23	Pass
		Inner Full	19.77	/	/	18.37	/	/	<=23	Pass
		Inner 1RB Left	21.57	/	/	20.17	/	/	<=23	Pass
		Inner 1RB Right	23.38	/	/	21.98	/	/	<=23	Pass
	3679.98	Edge 1RB Left	21.02	/	/	19.62	/	/	<=23	Pass
		Edge 1RB Right	21.83	/	/	20.43	/	/	<=23	Pass
		Outer Full	12.54	/	/	11.14	/	/	<=23	Pass
		Inner Full	19.65	/	/	18.25	/	/	<=23	Pass
		Inner 1RB Left	22.98	/	/	21.58	/	/	<=23	Pass
		Inner 1RB Right	23.45	/	/	22.05	/	/	<=23	Pass
CP-OFDM 16 QAM	3570	Edge 1RB Left	22.64	/	/	21.24	/	/	<=23	Pass
		Edge 1RB Right	22.78	/	/	21.38	/	/	<=23	Pass
		Outer Full	12.87	/	/	11.47	/	/	<=23	Pass
		Inner Full	19.10	/	/	17.70	/	/	<=23	Pass
		Inner 1RB Left	22.52	/	/	21.12	/	/	<=23	Pass
		Inner 1RB Right	22.22	/	/	20.82	/	/	<=23	Pass
	3624.99	Edge 1RB Left	22.93	/	/	21.53	/	/	<=23	Pass
		Edge 1RB Right	21.77	/	/	20.37	/	/	<=23	Pass
		Outer Full	12.69	/	/	11.29	/	/	<=23	Pass

		Inner_Full	20.20	/	/	18.80	/	/	<=23	Pass
		Inner_1RB_Left	22.69	/	/	21.29	/	/	<=23	Pass
		Inner_1RB_Right	23.06	/	/	21.66	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	22.30	/	/	20.90	/	/	<=23	Pass
		Edge_1RB_Right	20.85	/	/	19.45	/	/	<=23	Pass
		Outer_Full	11.21	/	/	9.81	/	/	<=23	Pass
		Inner_Full	18.74	/	/	17.34	/	/	<=23	Pass
		Inner_1RB_Left	22.57	/	/	21.17	/	/	<=23	Pass
		Inner_1RB_Right	23.54	/	/	22.14	/	/	<=23	Pass
CP-OFDM 64 QAM	3570	Edge_1RB_Left	22.00	/	/	20.60	/	/	<=23	Pass
		Edge_1RB_Right	22.10	/	/	20.70	/	/	<=23	Pass
		Outer_Full	12.77	/	/	11.37	/	/	<=23	Pass
		Inner_Full	18.26	/	/	16.86	/	/	<=23	Pass
		Inner_1RB_Left	20.74	/	/	19.34	/	/	<=23	Pass
		Inner_1RB_Right	19.99	/	/	18.59	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	22.07	/	/	20.67	/	/	<=23	Pass
		Edge_1RB_Right	21.17	/	/	19.77	/	/	<=23	Pass
		Outer_Full	12.09	/	/	10.69	/	/	<=23	Pass
		Inner_Full	17.17	/	/	15.77	/	/	<=23	Pass
		Inner_1RB_Left	21.70	/	/	20.30	/	/	<=23	Pass
		Inner_1RB_Right	21.71	/	/	20.31	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	21.11	/	/	19.71	/	/	<=23	Pass
		Edge_1RB_Right	18.82	/	/	17.42	/	/	<=23	Pass
		Outer_Full	13.98	/	/	12.58	/	/	<=23	Pass
		Inner_Full	16.55	/	/	15.15	/	/	<=23	Pass
		Inner_1RB_Left	21.45	/	/	20.05	/	/	<=23	Pass
		Inner_1RB_Right	21.60	/	/	20.20	/	/	<=23	Pass
CP-OFDM 256 QAM	3570	Edge_1RB_Left	17.95	/	/	16.55	/	/	<=23	Pass
		Edge_1RB_Right	17.00	/	/	15.60	/	/	<=23	Pass
		Outer_Full	11.61	/	/	10.21	/	/	<=23	Pass
		Inner_Full	15.34	/	/	13.94	/	/	<=23	Pass
		Inner_1RB_Left	18.23	/	/	16.83	/	/	<=23	Pass
		Inner_1RB_Right	17.72	/	/	16.32	/	/	<=23	Pass
	3624.99	Edge_1RB_Left	17.34	/	/	15.94	/	/	<=23	Pass
		Edge_1RB_Right	17.99	/	/	16.59	/	/	<=23	Pass
		Outer_Full	12.75	/	/	11.35	/	/	<=23	Pass
		Inner_Full	15.38	/	/	13.98	/	/	<=23	Pass
		Inner_1RB_Left	19.14	/	/	17.74	/	/	<=23	Pass
		Inner_1RB_Right	17.50	/	/	16.10	/	/	<=23	Pass
	3679.98	Edge_1RB_Left	16.47	/	/	15.07	/	/	<=23	Pass
		Edge_1RB_Right	18.68	/	/	17.28	/	/	<=23	Pass
		Outer_Full	12.16	/	/	10.76	/	/	<=23	Pass
		Inner_Full	13.76	/	/	12.36	/	/	<=23	Pass
		Inner_1RB_Left	16.83	/	/	15.43	/	/	<=23	Pass
		Inner_1RB_Right	17.67	/	/	16.27	/	/	<=23	Pass
Note1: Antenna Gain: Ant1: -1.40dBi; Ant2: -1.40dBi; Note2: EIRP=Conducted Power+Antenna Gain										

1.1.4 30_M_10M_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz MIMO 10MHz NTN

Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3555	Edge 1RB Left	17.81	18.84	21.37	16.41	17.44	19.97	<=23	Pass
		Edge 1RB Right	17.80	18.85	21.37	16.40	17.45	19.97	<=23	Pass
		Outer Full	16.96	18.03	20.54	15.56	16.63	19.14	<=23	Pass
		Inner Full	17.77	19.00	21.44	16.37	17.60	20.04	<=23	Pass
		Inner 1RB Left	19.03	19.74	22.41	17.63	18.34	21.01	<=23	Pass
		Inner 1RB Right	16.24	18.86	20.75	14.84	17.46	19.35	<=23	Pass
	3624.99	Edge 1RB Left	17.77	17.77	20.78	16.37	16.37	19.38	<=23	Pass
		Edge 1RB Right	17.81	17.60	20.72	16.41	16.20	19.32	<=23	Pass
		Outer Full	18.58	18.96	21.78	17.18	17.56	20.38	<=23	Pass
		Inner Full	19.22	19.05	22.15	17.82	17.65	20.75	<=23	Pass
		Inner 1RB Left	19.48	19.72	22.61	18.08	18.32	21.21	<=23	Pass
		Inner 1RB Right	18.64	20.20	22.50	17.24	18.80	21.10	<=23	Pass
	3694.98	Edge 1RB Left	18.20	17.18	20.73	16.80	15.78	19.33	<=23	Pass
		Edge 1RB Right	18.03	18.46	21.26	16.63	17.06	19.86	<=23	Pass
		Outer Full	19.07	17.76	21.47	17.67	16.36	20.07	<=23	Pass
		Inner Full	20.27	20.46	23.38	18.87	19.06	21.98	<=23	Pass
		Inner 1RB Left	20.03	20.55	23.31	18.63	19.15	21.91	<=23	Pass
		Inner 1RB Right	18.12	20.04	22.20	16.72	18.64	20.80	<=23	Pass
CP-OFDM 16 QAM	3555	Edge 1RB Left	17.85	18.13	21.00	16.45	16.73	19.60	<=23	Pass
		Edge 1RB Right	17.49	18.53	21.05	16.09	17.13	19.65	<=23	Pass
		Outer Full	17.79	18.23	21.03	16.39	16.83	19.63	<=23	Pass
		Inner Full	17.74	19.67	21.82	16.34	18.27	20.42	<=23	Pass
		Inner 1RB Left	18.93	20.84	23.00	17.53	19.44	21.60	<=23	Pass
		Inner 1RB Right	17.75	20.67	22.46	16.35	19.27	21.06	<=23	Pass
	3624.99	Edge 1RB Left	17.70	18.96	21.39	16.30	17.56	19.99	<=23	Pass
		Edge 1RB Right	17.28	18.92	21.19	15.88	17.52	19.79	<=23	Pass
		Outer Full	17.76	17.88	20.83	16.36	16.48	19.43	<=23	Pass
		Inner Full	18.93	20.11	22.57	17.53	18.71	21.17	<=23	Pass
		Inner 1RB Left	18.00	19.83	22.02	16.60	18.43	20.62	<=23	Pass
		Inner 1RB Right	18.03	20.12	22.21	16.63	18.72	20.81	<=23	Pass
	3694.98	Edge 1RB Left	18.66	17.95	21.33	17.26	16.55	19.93	<=23	Pass
		Edge 1RB Right	18.98	19.27	22.14	17.58	17.87	20.74	<=23	Pass
		Outer Full	17.97	18.59	21.30	16.57	17.19	19.90	<=23	Pass
		Inner Full	18.63	20.16	22.47	17.23	18.76	21.07	<=23	Pass
		Inner 1RB Left	17.49	19.48	21.61	16.09	18.08	20.21	<=23	Pass
		Inner 1RB Right	18.24	20.06	22.25	16.84	18.66	20.85	<=23	Pass
CP-OFDM 64 QAM	3555	Edge 1RB Left	17.74	18.63	21.22	16.34	17.23	19.82	<=23	Pass
		Edge 1RB Right	16.94	18.51	20.81	15.54	17.11	19.41	<=23	Pass
		Outer Full	17.28	17.81	20.56	15.88	16.41	19.16	<=23	Pass
		Inner Full	15.39	17.48	19.57	13.99	16.08	18.17	<=23	Pass
		Inner 1RB Left	16.43	19.01	20.92	15.03	17.61	19.52	<=23	Pass
		Inner 1RB Right	17.95	17.16	20.58	16.55	15.76	19.18	<=23	Pass
	3624.99	Edge 1RB Left	16.68	18.82	20.89	15.28	17.42	19.49	<=23	Pass
		Edge 1RB Right	15.83	16.16	19.01	14.43	14.76	17.61	<=23	Pass
		Outer Full	16.85	16.87	19.87	15.45	15.47	18.47	<=23	Pass
		Inner Full	17.45	16.83	20.16	16.05	15.43	18.76	<=23	Pass
		Inner 1RB Left	17.30	17.69	20.51	15.90	16.29	19.11	<=23	Pass
		Inner 1RB Right	15.89	18.24	20.23	14.49	16.84	18.83	<=23	Pass
	3694.98	Edge 1RB Left	18.67	17.08	20.96	17.27	15.68	19.56	<=23	Pass
		Edge 1RB Right	16.06	17.56	19.88	14.66	16.16	18.48	<=23	Pass
		Outer Full	17.16	17.97	20.59	15.76	16.57	19.19	<=23	Pass

CP-OFDM 256 QAM		Inner Full	18.42	16.31	20.50	17.02	14.91	19.10	<=23	Pass
		Inner 1RB Left	17.07	17.03	20.06	15.67	15.63	18.66	<=23	Pass
		Inner 1RB Right	17.75	18.66	21.24	16.35	17.26	19.84	<=23	Pass
	3555	Edge 1RB Left	13.73	14.32	17.05	12.33	12.92	15.65	<=23	Pass
		Edge 1RB Right	15.17	15.21	18.20	13.77	13.81	16.80	<=23	Pass
		Outer Full	15.20	15.18	18.20	13.80	13.78	16.80	<=23	Pass
		Inner Full	16.20	13.84	18.19	14.80	12.44	16.79	<=23	Pass
		Inner 1RB Left	13.12	14.43	16.83	11.72	13.03	15.43	<=23	Pass
		Inner 1RB Right	14.67	14.84	17.77	13.27	13.44	16.37	<=23	Pass
	3624.99	Edge 1RB Left	15.49	16.06	18.79	14.09	14.66	17.39	<=23	Pass
		Edge 1RB Right	14.50	15.01	17.77	13.10	13.61	16.37	<=23	Pass
		Outer Full	14.53	15.24	17.91	13.13	13.84	16.51	<=23	Pass
		Inner Full	15.90	15.60	18.76	14.50	14.20	17.36	<=23	Pass
		Inner 1RB Left	15.41	14.12	17.82	14.01	12.72	16.42	<=23	Pass
		Inner 1RB Right	14.30	13.27	16.83	12.90	11.87	15.43	<=23	Pass
	3694.98	Edge 1RB Left	14.26	13.30	16.82	12.86	11.90	15.42	<=23	Pass
		Edge 1RB Right	15.86	15.27	18.59	14.46	13.87	17.19	<=23	Pass
		Outer Full	14.93	15.56	18.27	13.53	14.16	16.87	<=23	Pass
		Inner Full	13.21	14.49	16.91	11.81	13.09	15.51	<=23	Pass
		Inner 1RB Left	14.43	14.50	17.48	13.03	13.10	16.08	<=23	Pass
		Inner 1RB Right	14.53	15.35	17.97	13.13	13.95	16.57	<=23	Pass

Note1: Antenna Gain: Ant1: -1.40dBi; Ant2: -1.40dBi;
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_20M_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz MIMO 20MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3560.01	Edge 1RB Left	17.11	16.35	19.76	15.71	14.95	18.36	<=23	Pass
		Edge 1RB Right	17.83	18.75	21.32	16.43	17.35	19.92	<=23	Pass
		Outer Full	15.37	15.49	18.44	13.97	14.09	17.04	<=23	Pass
		Inner Full	19.06	18.66	21.87	17.66	17.26	20.47	<=23	Pass
		Inner 1RB Left	18.31	19.75	22.10	16.91	18.35	20.70	<=23	Pass
		Inner 1RB Right	18.20	18.57	21.40	16.80	17.17	20.00	<=23	Pass
	3624.99	Edge 1RB Left	16.53	20.11	21.69	15.13	18.71	20.29	<=23	Pass
		Edge 1RB Right	18.70	18.27	21.50	17.30	16.87	20.10	<=23	Pass
		Outer Full	14.18	15.89	18.13	12.78	14.49	16.73	<=23	Pass
		Inner Full	19.90	18.88	22.43	18.50	17.48	21.03	<=23	Pass
		Inner 1RB Left	19.74	21.31	23.61	18.34	19.91	22.21	<=23	Pass
		Inner 1RB Right	19.51	20.45	23.02	18.11	19.05	21.62	<=23	Pass
	3690	Edge 1RB Left	18.94	17.80	21.42	17.54	16.40	20.02	<=23	Pass
		Edge 1RB Right	17.14	17.69	20.43	15.74	16.29	19.03	<=23	Pass
		Outer Full	15.29	15.23	18.27	13.89	13.83	16.87	<=23	Pass
		Inner Full	18.89	20.69	22.89	17.49	19.29	21.49	<=23	Pass
		Inner 1RB Left	19.17	19.88	22.55	17.77	18.48	21.15	<=23	Pass
		Inner 1RB Right	19.18	20.56	22.93	17.78	19.16	21.53	<=23	Pass
CP-OFDM 16 QAM	3560.01	Edge 1RB Left	17.55	18.16	20.88	16.15	16.76	19.48	<=23	Pass
		Edge 1RB Right	17.26	18.60	20.99	15.86	17.20	19.59	<=23	Pass
		Outer Full	14.36	14.42	17.40	12.96	13.02	16.00	<=23	Pass

		Inner Full	18.31	18.27	21.30	16.91	16.87	19.90	<=23	Pass
		Inner 1RB Left	19.40	19.32	22.37	18.00	17.92	20.97	<=23	Pass
		Inner 1RB Right	18.42	18.59	21.52	17.02	17.19	20.12	<=23	Pass
	3624.99	Edge 1RB Left	16.93	19.21	21.23	15.53	17.81	19.83	<=23	Pass
		Edge 1RB Right	15.91	18.26	20.25	14.51	16.86	18.85	<=23	Pass
		Outer Full	15.22	15.78	18.52	13.82	14.38	17.12	<=23	Pass
		Inner Full	19.97	18.34	22.24	18.57	16.94	20.84	<=23	Pass
		Inner 1RB Left	16.64	20.64	22.10	15.24	19.24	20.70	<=23	Pass
		Inner 1RB Right	19.43	18.92	22.19	18.03	17.52	20.79	<=23	Pass
	3690	Edge 1RB Left	18.94	18.24	21.61	17.54	16.84	20.21	<=23	Pass
		Edge 1RB Right	18.09	19.08	21.62	16.69	17.68	20.22	<=23	Pass
		Outer Full	15.66	15.07	18.39	14.26	13.67	16.99	<=23	Pass
		Inner Full	19.39	19.16	22.29	17.99	17.76	20.89	<=23	Pass
		Inner 1RB Left	18.77	17.91	21.37	17.37	16.51	19.97	<=23	Pass
		Inner 1RB Right	19.16	20.92	23.14	17.76	19.52	21.74	<=23	Pass
CP-OFDM 64 QAM	3560.01	Edge 1RB Left	15.86	18.22	20.21	14.46	16.82	18.81	<=23	Pass
		Edge 1RB Right	17.36	17.89	20.64	15.96	16.49	19.24	<=23	Pass
		Outer Full	14.56	14.93	17.76	13.16	13.53	16.36	<=23	Pass
		Inner Full	16.66	17.59	20.16	15.26	16.19	18.76	<=23	Pass
		Inner 1RB Left	14.59	17.13	19.05	13.19	15.73	17.65	<=23	Pass
		Inner 1RB Right	16.81	16.89	19.86	15.41	15.49	18.46	<=23	Pass
	3624.99	Edge 1RB Left	17.70	17.30	20.51	16.30	15.90	19.11	<=23	Pass
		Edge 1RB Right	17.54	17.65	20.61	16.14	16.25	19.21	<=23	Pass
		Outer Full	14.97	12.68	16.98	13.57	11.28	15.58	<=23	Pass
		Inner Full	18.04	18.89	21.50	16.64	17.49	20.10	<=23	Pass
		Inner 1RB Left	16.91	17.92	20.45	15.51	16.52	19.05	<=23	Pass
		Inner 1RB Right	18.36	15.60	20.21	16.96	14.20	18.81	<=23	Pass
	3690	Edge 1RB Left	16.72	17.01	19.88	15.32	15.61	18.48	<=23	Pass
		Edge 1RB Right	18.38	19.80	22.16	16.98	18.40	20.76	<=23	Pass
		Outer Full	13.53	15.38	17.56	12.13	13.98	16.16	<=23	Pass
		Inner Full	18.30	17.77	21.05	16.90	16.37	19.65	<=23	Pass
		Inner 1RB Left	16.76	16.93	19.86	15.36	15.53	18.46	<=23	Pass
		Inner 1RB Right	16.38	18.58	20.63	14.98	17.18	19.23	<=23	Pass
CP-OFDM 256 QAM	3560.01	Edge 1RB Left	13.54	14.53	17.07	12.14	13.13	15.67	<=23	Pass
		Edge 1RB Right	14.96	16.51	18.81	13.56	15.11	17.41	<=23	Pass
		Outer Full	11.72	12.16	14.96	10.32	10.76	13.56	<=23	Pass
		Inner Full	13.55	13.90	16.74	12.15	12.50	15.34	<=23	Pass
		Inner 1RB Left	14.57	14.97	17.78	13.17	13.57	16.38	<=23	Pass
		Inner 1RB Right	15.29	13.78	17.61	13.89	12.38	16.21	<=23	Pass
	3624.99	Edge 1RB Left	16.11	13.19	17.90	14.71	11.79	16.50	<=23	Pass
		Edge 1RB Right	15.49	14.83	18.18	14.09	13.43	16.78	<=23	Pass
		Outer Full	11.89	12.87	15.42	10.49	11.47	14.02	<=23	Pass
		Inner Full	15.34	13.38	17.48	13.94	11.98	16.08	<=23	Pass
		Inner 1RB Left	15.18	16.28	18.78	13.78	14.88	17.38	<=23	Pass
		Inner 1RB Right	15.56	15.56	18.57	14.16	14.16	17.17	<=23	Pass
	3690	Edge 1RB Left	14.19	14.42	17.32	12.79	13.02	15.92	<=23	Pass
		Edge 1RB Right	15.81	14.57	18.24	14.41	13.17	16.84	<=23	Pass
		Outer Full	11.78	12.52	15.18	10.38	11.12	13.78	<=23	Pass
		Inner Full	13.93	14.45	17.21	12.53	13.05	15.81	<=23	Pass
		Inner 1RB Left	14.47	14.50	17.50	13.07	13.10	16.10	<=23	Pass
		Inner 1RB Right	15.77	15.26	18.53	14.37	13.86	17.13	<=23	Pass

Note1: Antenna Gain: Ant1: -1.40dBi; Ant2: -1.40dBi;

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_40M_NTNV_EIRP(dBm/10MHz)

5G NR n48 SCS=30kHz MIMO 40MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm/10MHz)			EIRP(dBm/10MHz)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3570	Edge 1RB Left	19.24	20.22	22.77	17.84	18.82	21.37	<=23	Pass
		Edge 1RB Right	19.35	18.32	21.88	17.95	16.92	20.48	<=23	Pass
		Outer Full	8.62	10.79	12.85	7.22	9.39	11.45	<=23	Pass
		Inner Full	16.70	17.57	20.17	15.30	16.17	18.77	<=23	Pass
		Inner 1RB Left	17.99	21.58	23.16	16.59	20.18	21.76	<=23	Pass
		Inner 1RB Right	18.99	20.70	22.94	17.59	19.30	21.54	<=23	Pass
	3624.99	Edge 1RB Left	17.69	19.94	21.97	16.29	18.54	20.57	<=23	Pass
		Edge 1RB Right	18.90	17.81	21.40	17.50	16.41	20.00	<=23	Pass
		Outer Full	10.18	9.76	12.99	8.78	8.36	11.59	<=23	Pass
		Inner Full	16.69	16.33	19.52	15.29	14.93	18.12	<=23	Pass
		Inner 1RB Left	17.58	21.20	22.77	16.18	19.80	21.37	<=23	Pass
		Inner 1RB Right	18.23	20.76	22.69	16.83	19.36	21.29	<=23	Pass
	3679.98	Edge 1RB Left	17.23	18.74	21.06	15.83	17.34	19.66	<=23	Pass
		Edge 1RB Right	17.24	18.10	20.70	15.84	16.70	19.30	<=23	Pass
		Outer Full	10.14	9.91	13.04	8.74	8.51	11.64	<=23	Pass
		Inner Full	15.42	16.95	19.26	14.02	15.55	17.86	<=23	Pass
		Inner 1RB Left	18.72	18.40	21.57	17.32	17.00	20.17	<=23	Pass
		Inner 1RB Right	17.07	19.86	21.70	15.67	18.46	20.30	<=23	Pass
CP-OFDM 16 QAM	3570	Edge 1RB Left	19.52	20.78	23.21	18.12	19.38	21.81	<=23	Pass
		Edge 1RB Right	18.39	20.15	22.37	16.99	18.75	20.97	<=23	Pass
		Outer Full	10.99	10.93	13.97	9.59	9.53	12.57	<=23	Pass
		Inner Full	16.85	17.51	20.20	15.45	16.11	18.80	<=23	Pass
		Inner 1RB Left	19.41	19.63	22.53	18.01	18.23	21.13	<=23	Pass
		Inner 1RB Right	18.76	17.64	21.25	17.36	16.24	19.85	<=23	Pass
	3624.99	Edge 1RB Left	19.63	19.62	22.64	18.23	18.22	21.24	<=23	Pass
		Edge 1RB Right	18.37	18.07	21.23	16.97	16.67	19.83	<=23	Pass
		Outer Full	9.97	10.10	13.05	8.57	8.70	11.65	<=23	Pass
		Inner Full	17.62	16.10	19.94	16.22	14.70	18.54	<=23	Pass
		Inner 1RB Left	17.43	20.82	22.46	16.03	19.42	21.06	<=23	Pass
		Inner 1RB Right	20.47	20.20	23.35	19.07	18.80	21.95	<=23	Pass
	3679.98	Edge 1RB Left	17.65	19.05	21.42	16.25	17.65	20.02	<=23	Pass
		Edge 1RB Right	20.25	18.30	22.39	18.85	16.90	20.99	<=23	Pass
		Outer Full	10.30	8.24	12.40	8.90	6.84	11.00	<=23	Pass
		Inner Full	15.60	17.52	19.68	14.20	16.12	18.28	<=23	Pass
		Inner 1RB Left	20.63	17.46	22.34	19.23	16.06	20.94	<=23	Pass
		Inner 1RB Right	18.33	20.35	22.47	16.93	18.95	21.07	<=23	Pass
CP-OFDM 64 QAM	3570	Edge 1RB Left	17.94	17.85	20.91	16.54	16.45	19.51	<=23	Pass
		Edge 1RB Right	17.53	19.21	21.46	16.13	17.81	20.06	<=23	Pass
		Outer Full	9.85	10.52	13.21	8.45	9.12	11.81	<=23	Pass
		Inner Full	14.73	14.28	17.52	13.33	12.88	16.12	<=23	Pass
		Inner 1RB Left	18.62	18.21	21.43	17.22	16.81	20.03	<=23	Pass
		Inner 1RB Right	16.21	17.74	20.05	14.81	16.34	18.65	<=23	Pass
	3624.99	Edge 1RB Left	17.58	19.52	21.67	16.18	18.12	20.27	<=23	Pass
		Edge 1RB Right	17.22	19.41	21.46	15.82	18.01	20.06	<=23	Pass

		Outer_Full	9.28	10.13	12.74	7.88	8.73	11.34	<=23	Pass	
		Inner_Full	14.90	14.99	17.96	13.50	13.59	16.56	<=23	Pass	
		Inner_1RB_Left	17.74	17.64	20.70	16.34	16.24	19.30	<=23	Pass	
		Inner_1RB_Right	17.23	18.85	21.13	15.83	17.45	19.73	<=23	Pass	
	3679.98	Edge_1RB_Left	16.34	17.62	20.04	14.94	16.22	18.64	<=23	Pass	
		Edge_1RB_Right	17.62	16.16	19.96	16.22	14.76	18.56	<=23	Pass	
		Outer_Full	8.64	10.30	12.56	7.24	8.90	11.16	<=23	Pass	
		Inner_Full	13.17	14.91	17.14	11.77	13.51	15.74	<=23	Pass	
		Inner_1RB_Left	17.91	16.81	20.41	16.51	15.41	19.01	<=23	Pass	
		Inner_1RB_Right	17.61	18.68	21.19	16.21	17.28	19.79	<=23	Pass	
		Edge_1RB_Left	16.70	15.84	19.30	15.30	14.44	17.90	<=23	Pass	
		Edge_1RB_Right	15.65	16.53	19.12	14.25	15.13	17.72	<=23	Pass	
CP-OFDM 256 QAM	3570	Outer_Full	9.24	8.66	11.97	7.84	7.26	10.57	<=23	Pass	
		Inner_Full	13.18	13.90	16.57	11.78	12.50	15.17	<=23	Pass	
		Inner_1RB_Left	15.13	16.60	18.94	13.73	15.20	17.54	<=23	Pass	
		Inner_1RB_Right	16.70	15.77	19.27	15.30	14.37	17.87	<=23	Pass	
		Edge_1RB_Left	13.38	15.74	17.73	11.98	14.34	16.33	<=23	Pass	
		Edge_1RB_Right	15.38	13.60	17.59	13.98	12.20	16.19	<=23	Pass	
	3624.99	Outer_Full	9.69	10.29	13.01	8.29	8.89	11.61	<=23	Pass	
		Inner_Full	12.92	11.67	15.35	11.52	10.27	13.95	<=23	Pass	
		Inner_1RB_Left	16.04	16.18	19.12	14.64	14.78	17.72	<=23	Pass	
		Inner_1RB_Right	12.56	16.14	17.72	11.16	14.74	16.32	<=23	Pass	
		Edge_1RB_Left	17.20	14.35	19.02	15.80	12.95	17.62	<=23	Pass	
		Edge_1RB_Right	16.00	15.52	18.78	14.60	14.12	17.38	<=23	Pass	
	3679.98	Outer_Full	8.96	8.50	11.75	7.56	7.10	10.35	<=23	Pass	
		Inner_Full	10.89	11.05	13.98	9.49	9.65	12.58	<=23	Pass	
		Inner_1RB_Left	16.16	15.50	18.85	14.76	14.10	17.45	<=23	Pass	
		Inner_1RB_Right	15.30	14.15	17.77	13.90	12.75	16.37	<=23	Pass	
		Note1: Antenna Gain: Ant1: -1.40dBi; Ant2: -1.40dBi; 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. Frequency Stability

2.1 Test Result

2.1.1 30_S_40M

5G NR n48 SCS=30kHz SISO 40MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	3624.99	Outer_Full	20	LV	10.80	0.0030	>=-2.5 & <=2.5	Pass
				HV	4.50	0.0012	>=-2.5 & <=2.5	Pass
			-30	NV	7.10	0.0020	>=-2.5 & <=2.5	Pass
			-20	NV	-5.70	-0.0016	>=-2.5 & <=2.5	Pass
			-10	NV	-3.00	-0.0008	>=-2.5 & <=2.5	Pass
			0	NV	4.20	0.0012	>=-2.5 & <=2.5	Pass
			10	NV	-2.30	-0.0006	>=-2.5 & <=2.5	Pass



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			20	NV	14.20	0.0039	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.00	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			40	NV	9.90	0.0027	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-3.70	-0.0010	≥ -2.5 & ≤ 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 30_S_10M_NTNV

5G NR n48 SCS=30kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	8.61	9.18	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	8.58	9.22	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	8.65	9.20	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	8.55	9.28	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	8.59	8.87	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	8.59	9.43	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	8.53	9.25	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	8.58	9.17	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	8.56	9.06	/	Pass

3.1.2 30_S_20M_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	17.80	18.53	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	17.86	18.70	/	Pass
DFT-s-OFDM 16 QAM	3624.99	Outer_Full	17.84	18.96	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	17.91	18.53	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	17.82	18.86	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	18.19	18.80	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	18.15	18.83	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	18.17	18.96	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	18.27	18.81	/	Pass

3.1.3 30_S_40M_NTNV

5G NR n48 SCS=30kHz SISO 40MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	35.87	38.12	/	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	35.84	38.36	/	Pass



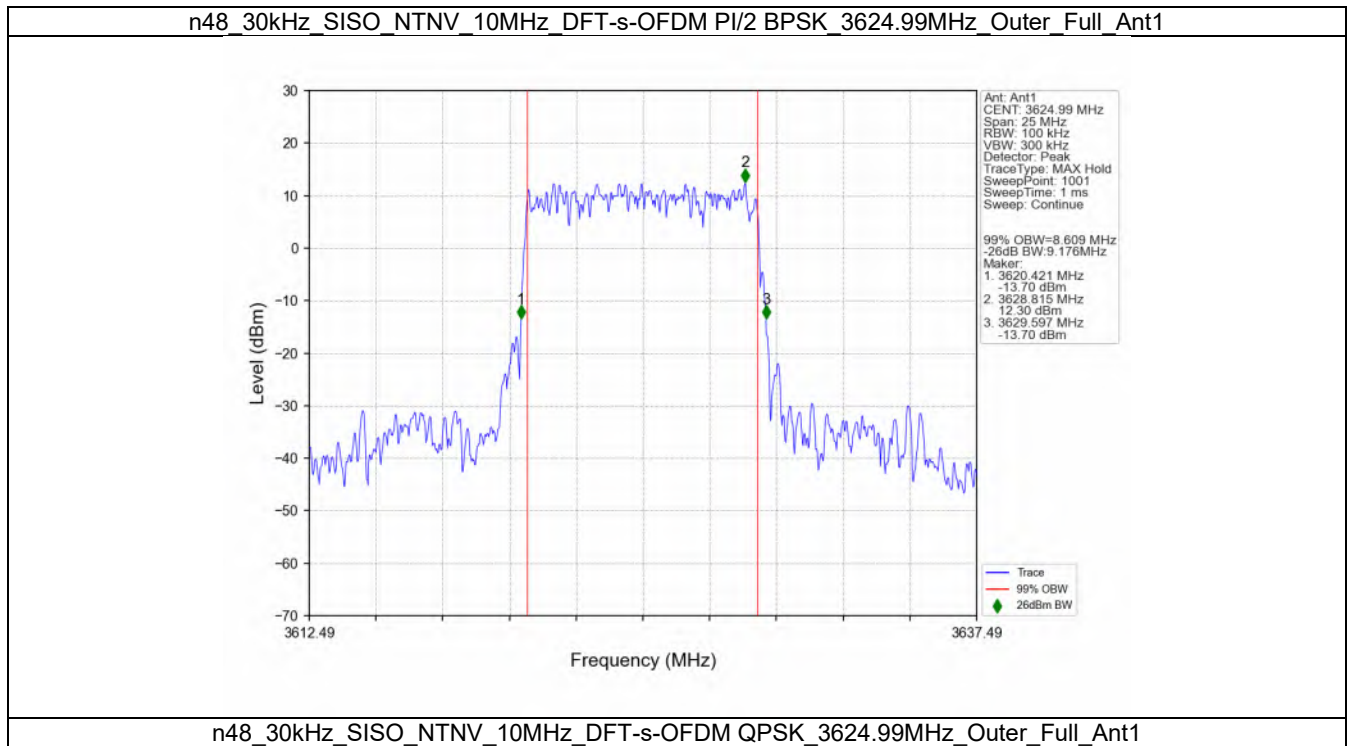
Report No.: SUCR260400030107

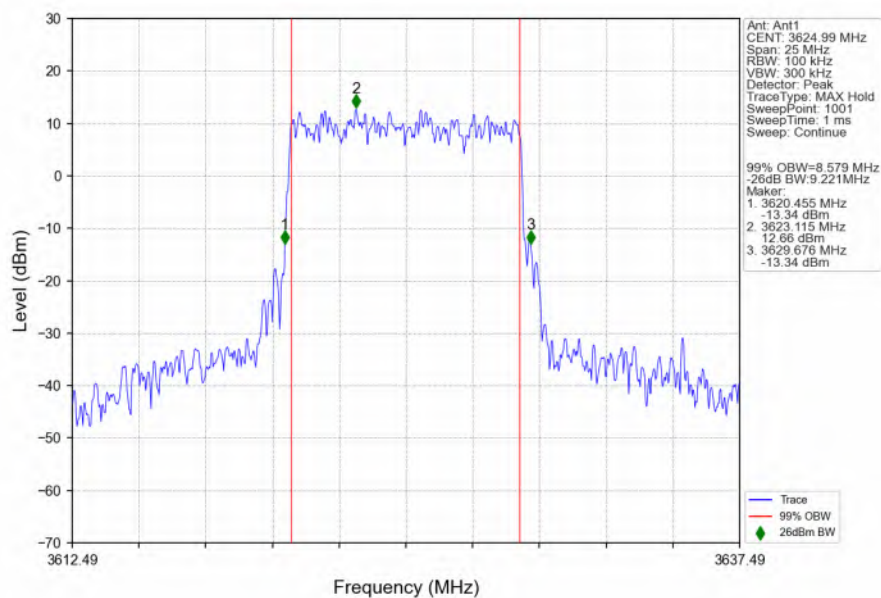
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DFT-s-OFDM 16 QAM	3624.99	Outer_Full	36.04	38.03	/	Pass
DFT-s-OFDM 64 QAM	3624.99	Outer_Full	35.83	38.15	/	Pass
DFT-s-OFDM 256 QAM	3624.99	Outer_Full	35.67	37.95	/	Pass
CP-OFDM QPSK	3624.99	Outer_Full	38.05	40.18	/	Pass
CP-OFDM 16 QAM	3624.99	Outer_Full	38.08	40.17	/	Pass
CP-OFDM 64 QAM	3624.99	Outer_Full	37.89	40.18	/	Pass
CP-OFDM 256 QAM	3624.99	Outer_Full	37.97	39.96	/	Pass

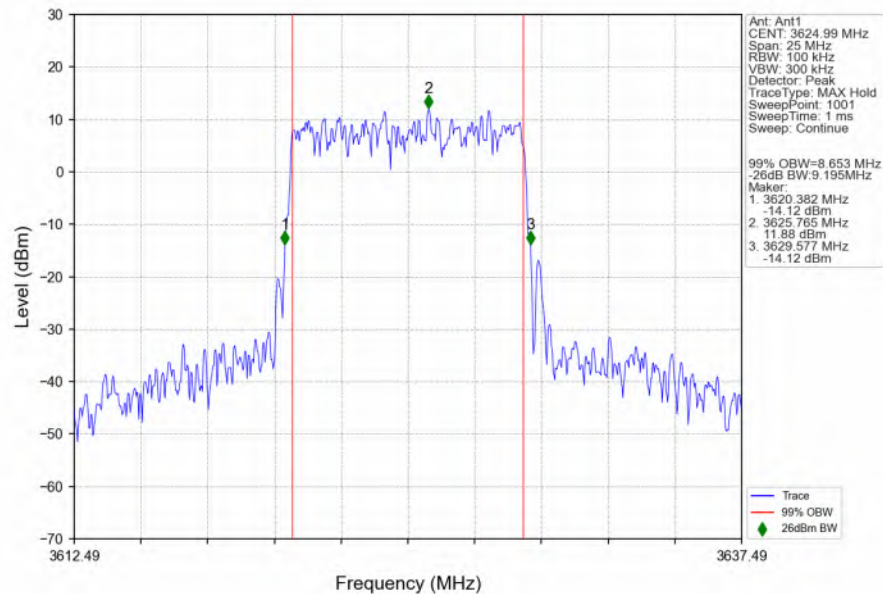
3.2 Test Graph

3.2.1 30_S_10M_NTNV

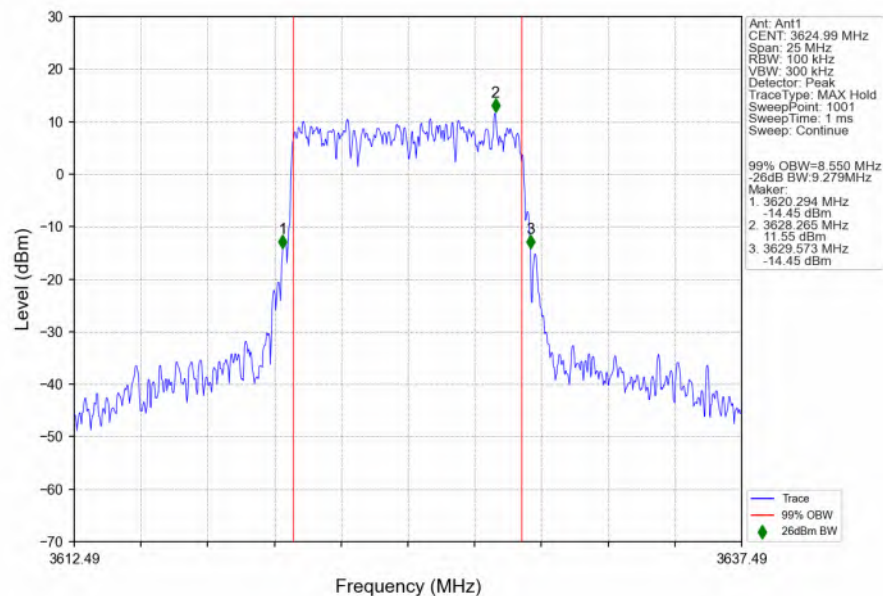




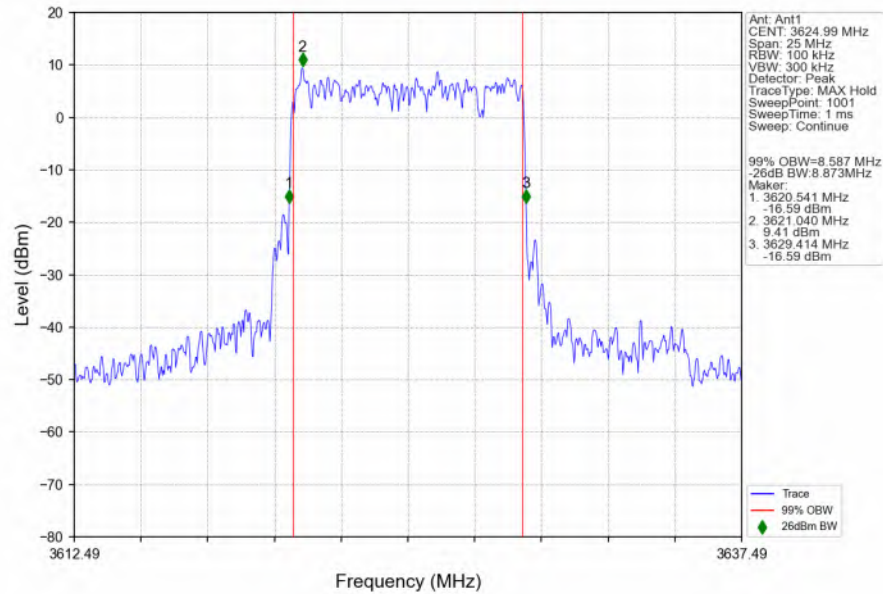
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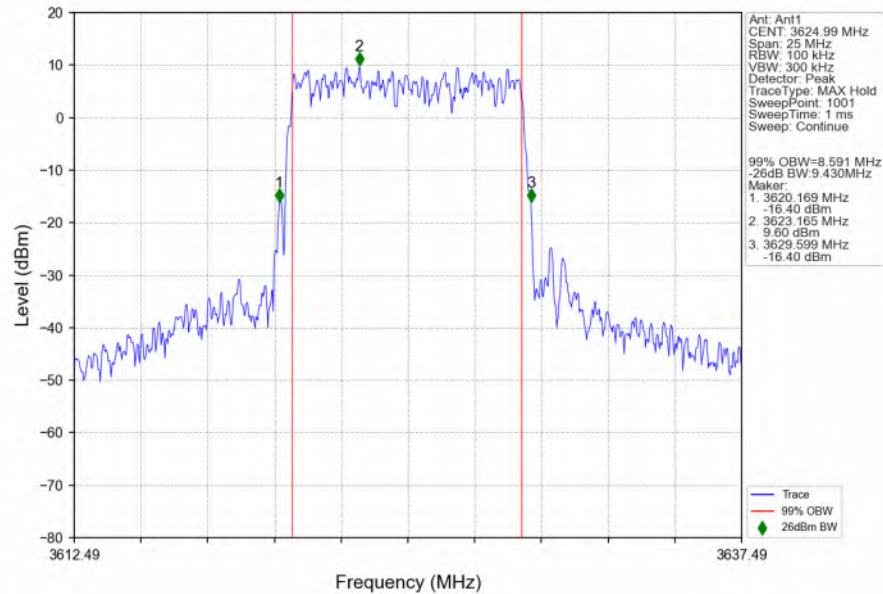
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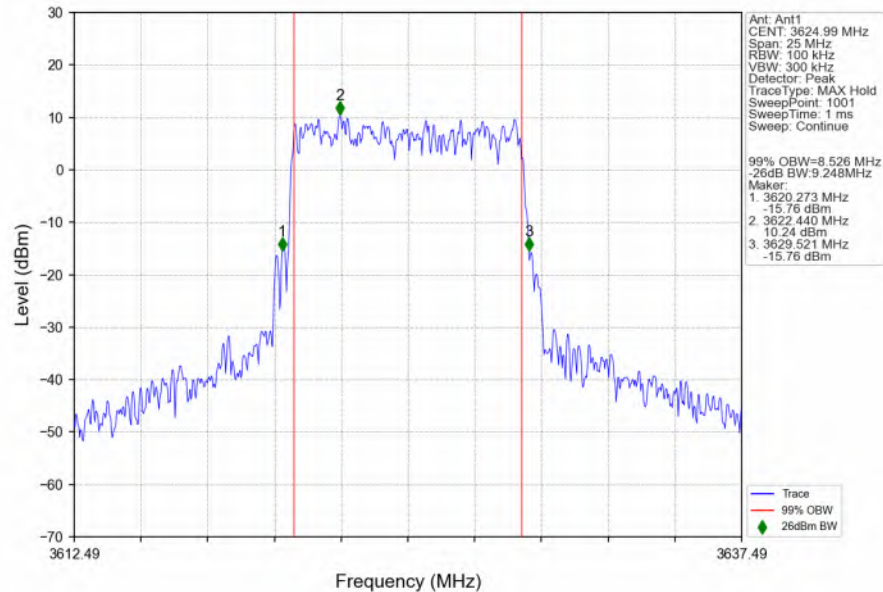
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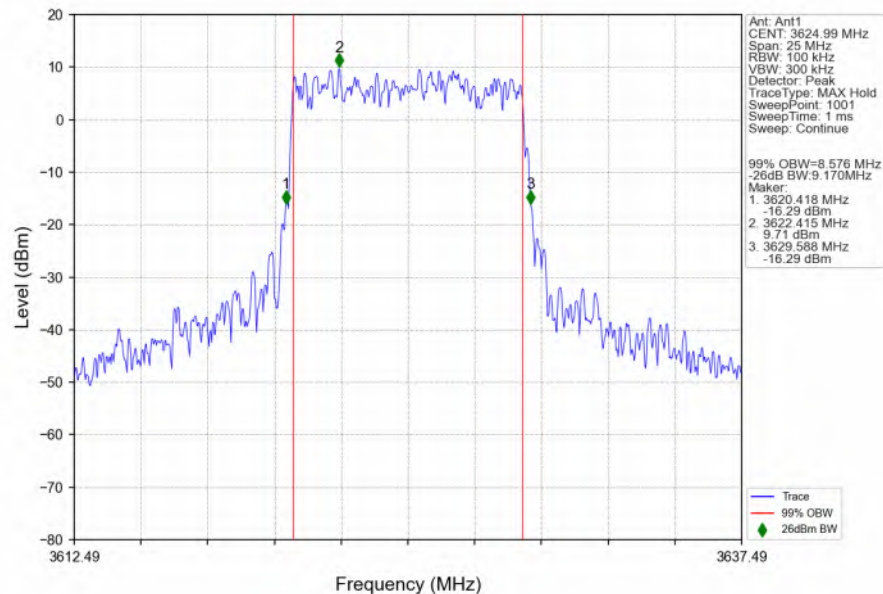
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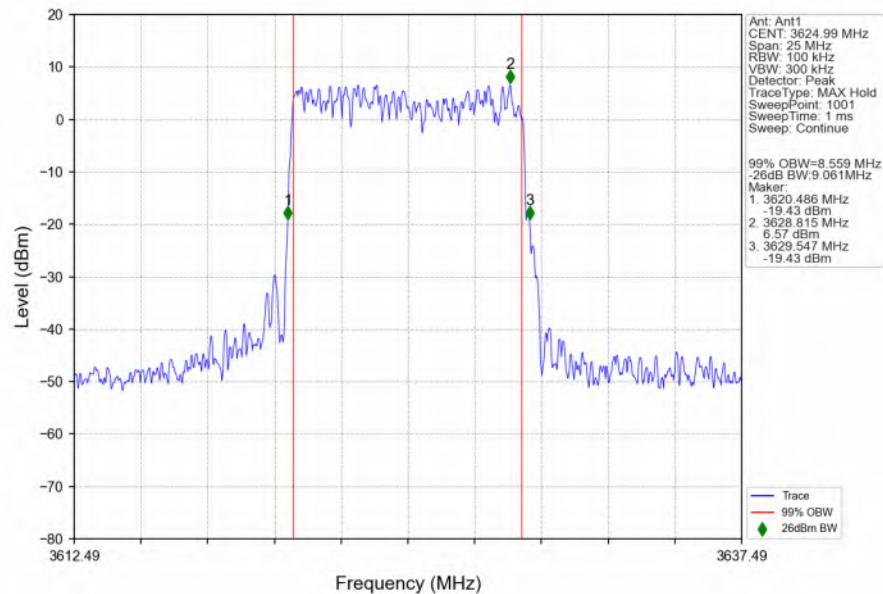
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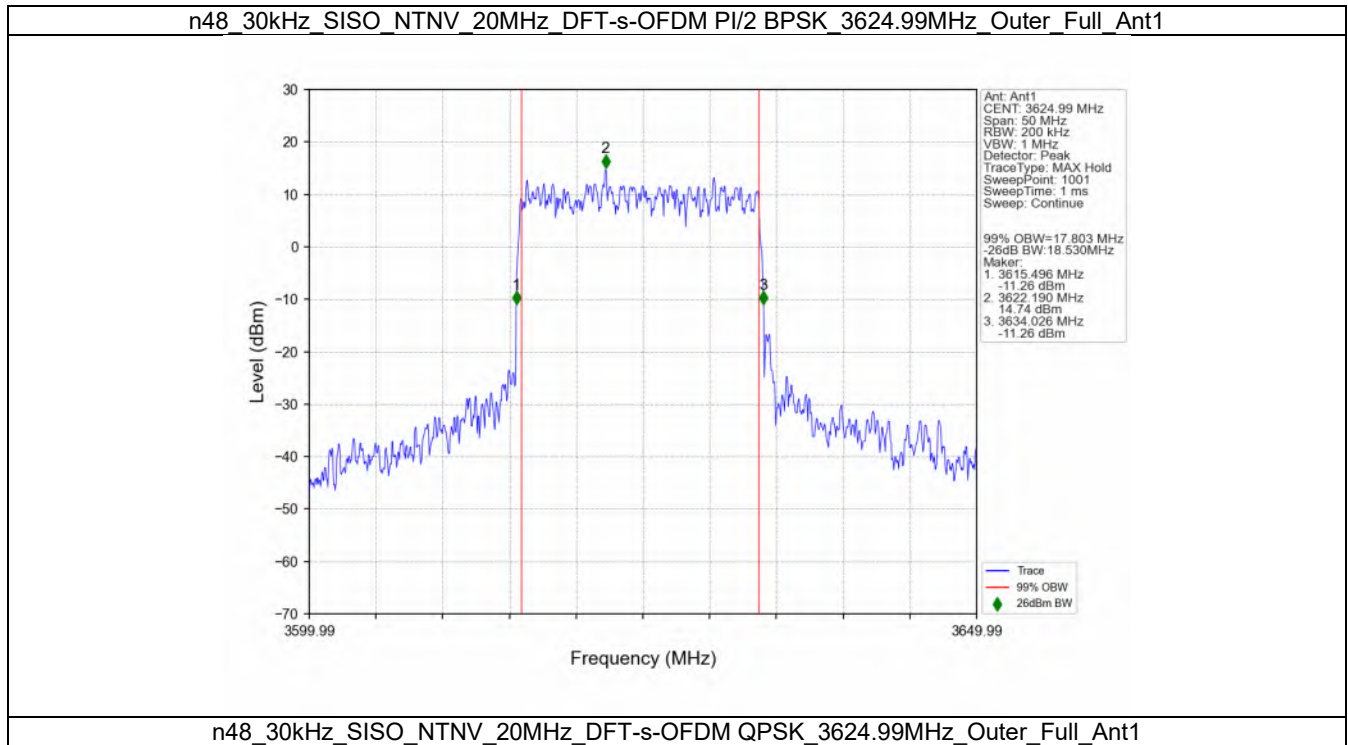
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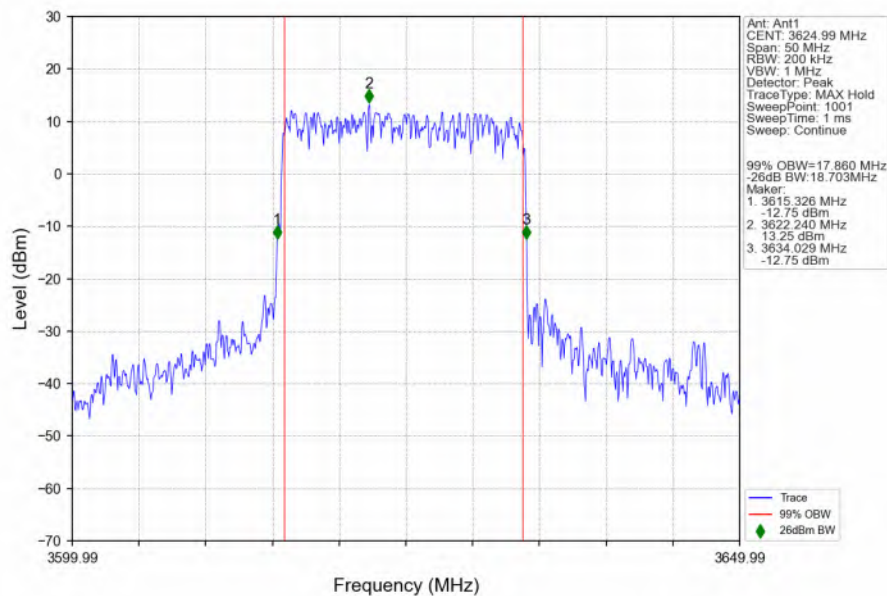


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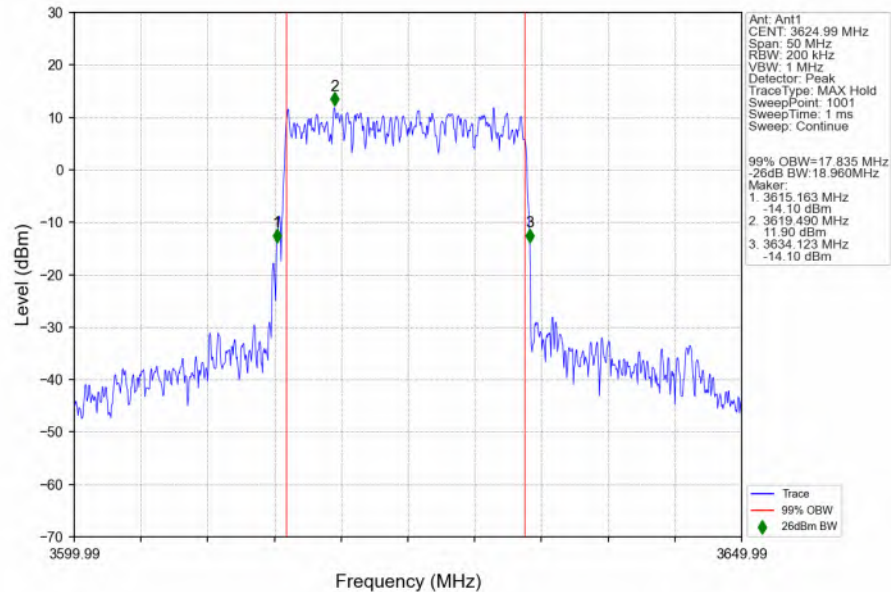


3.2.2 30_S_20M_NTNV

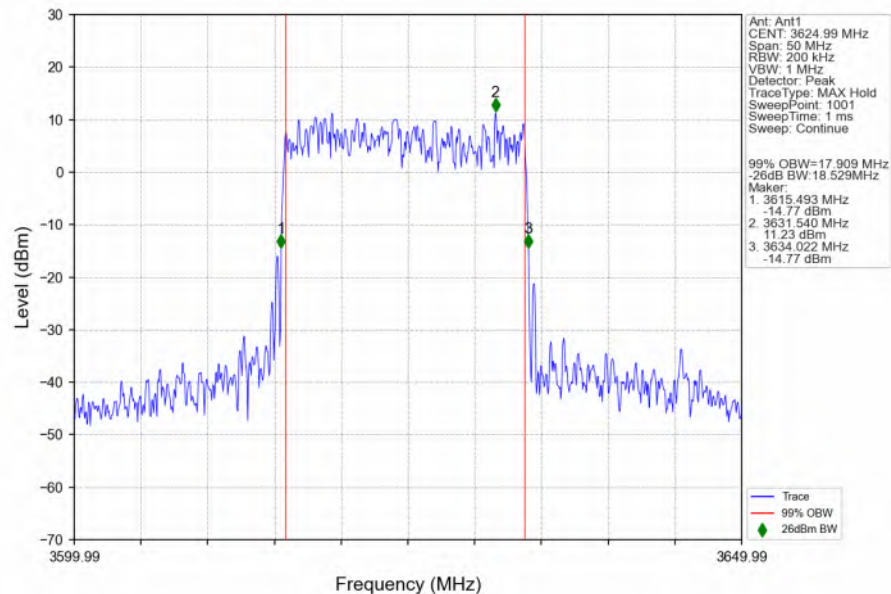




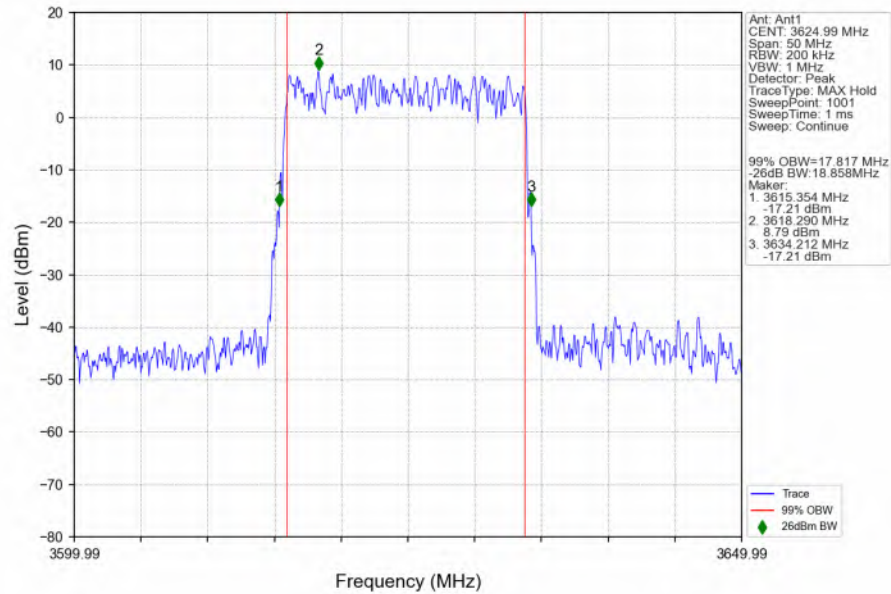
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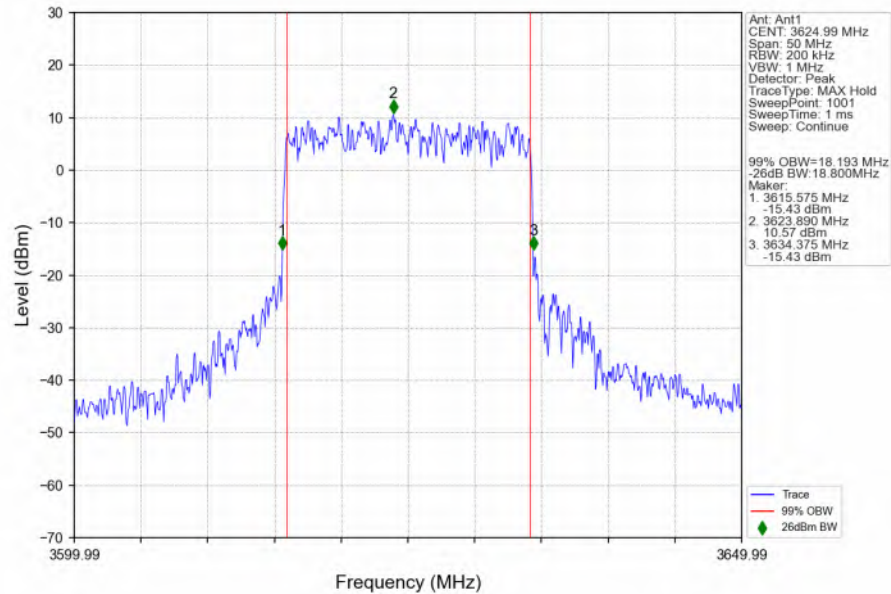
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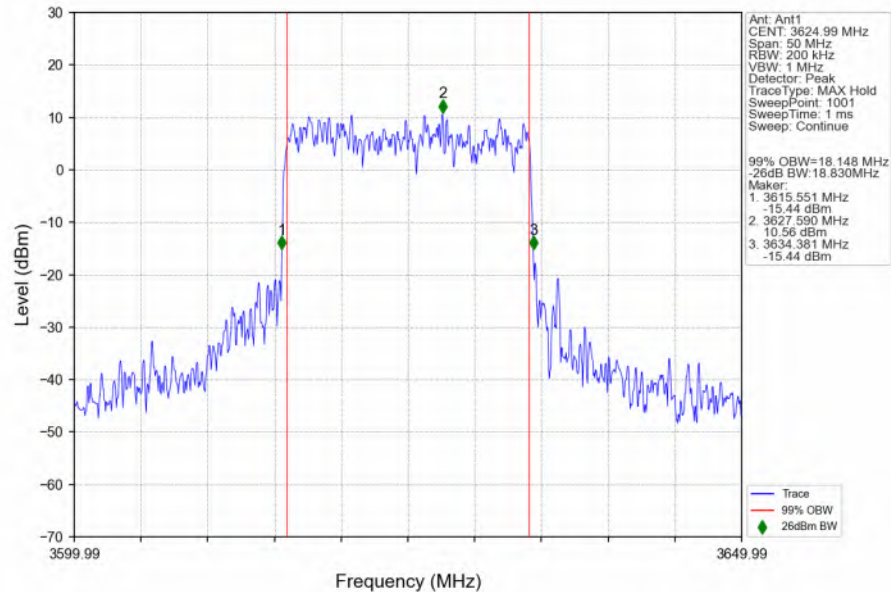
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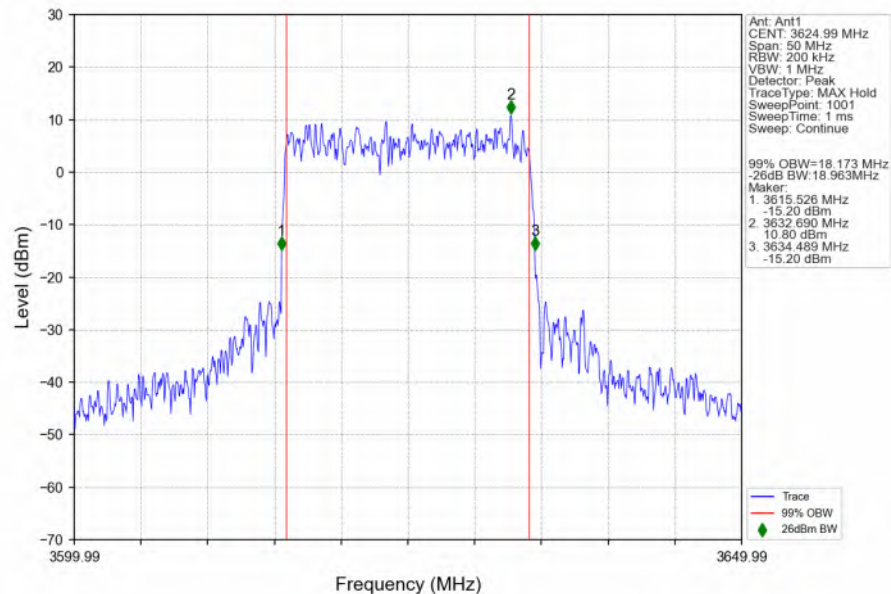
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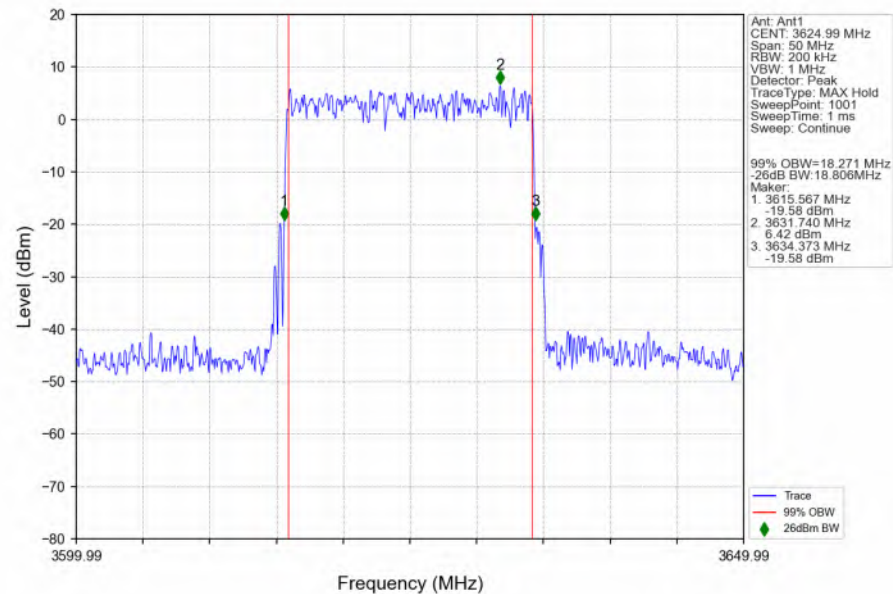
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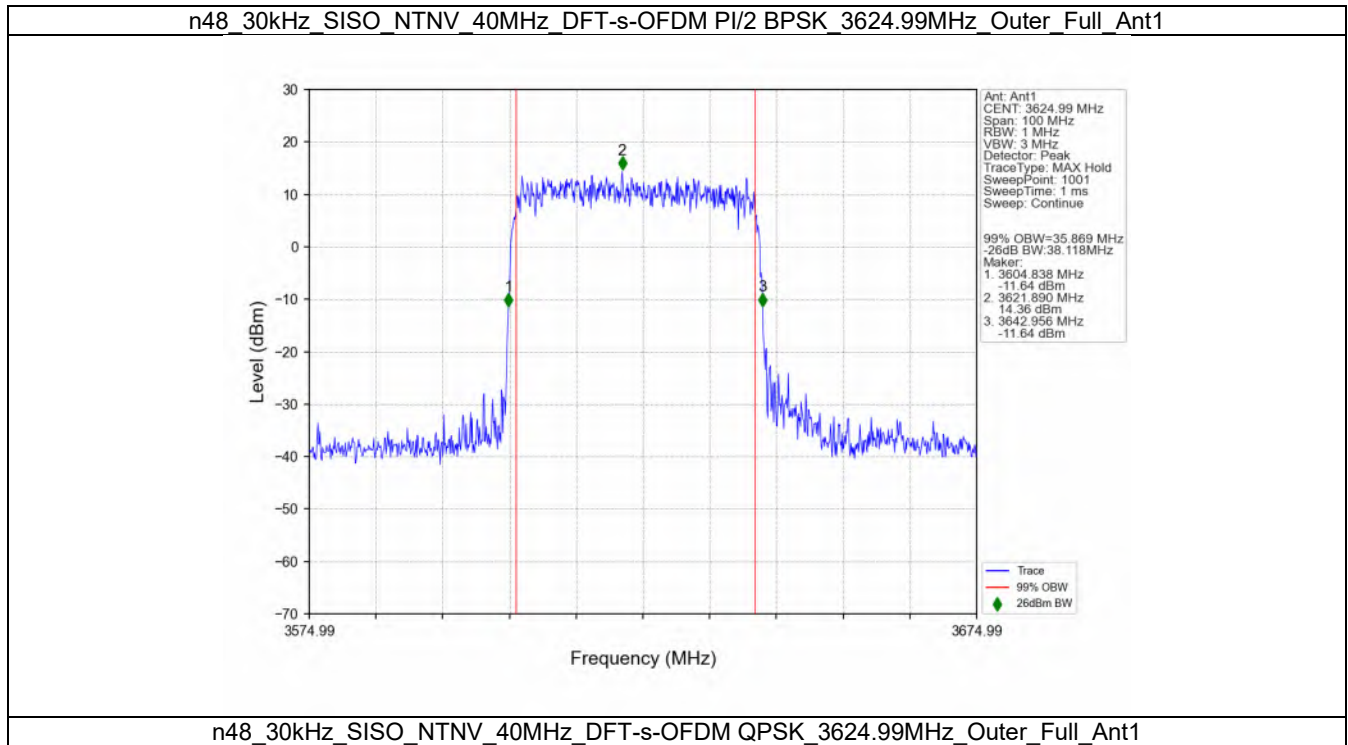
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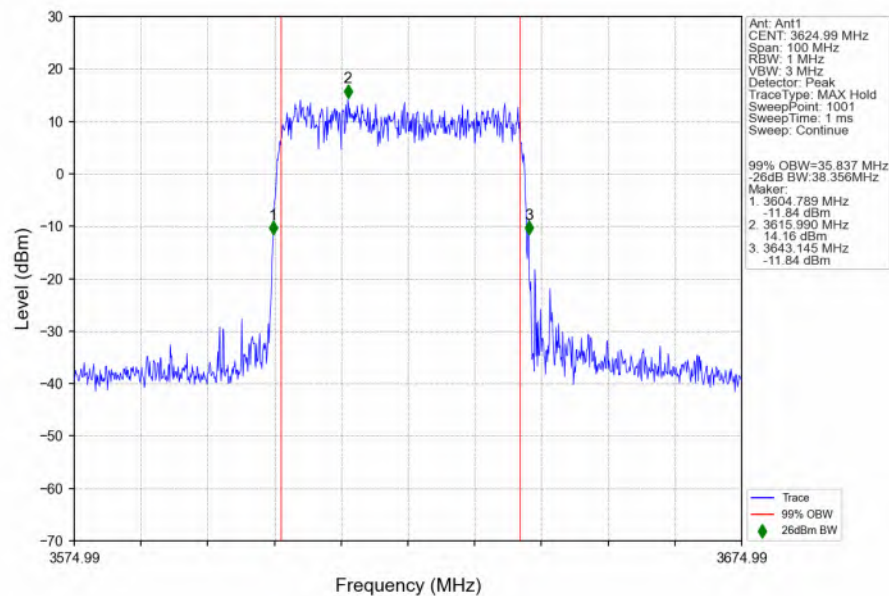


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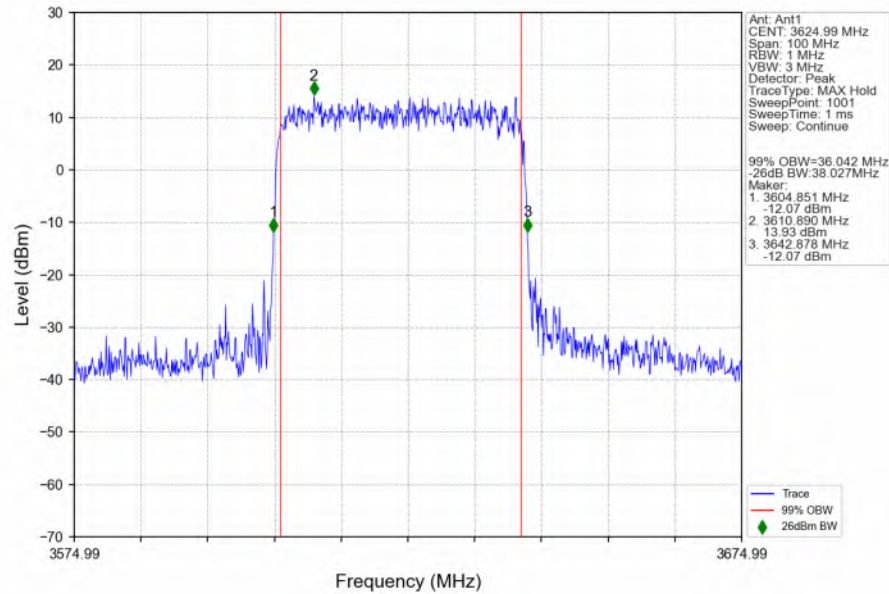


3.2.3 30_S_40M_NTNV

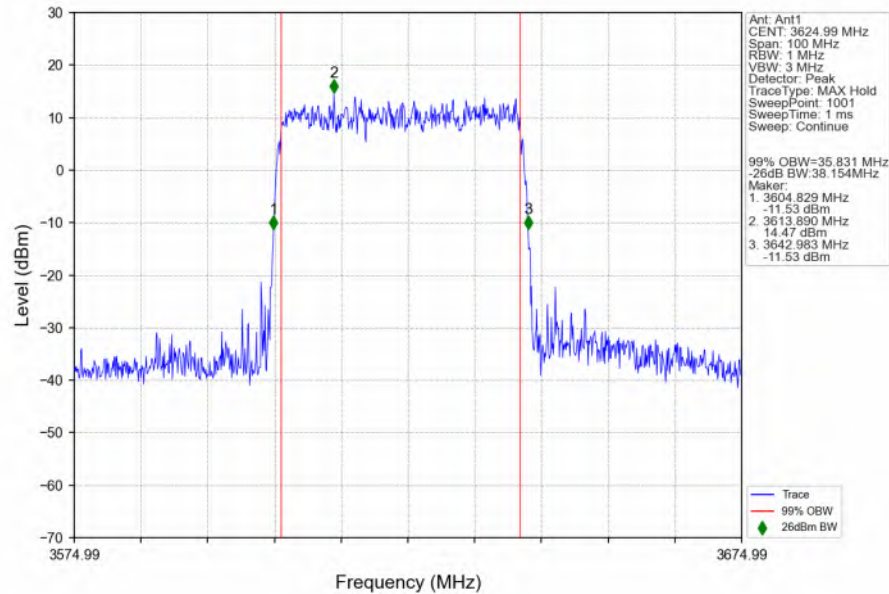




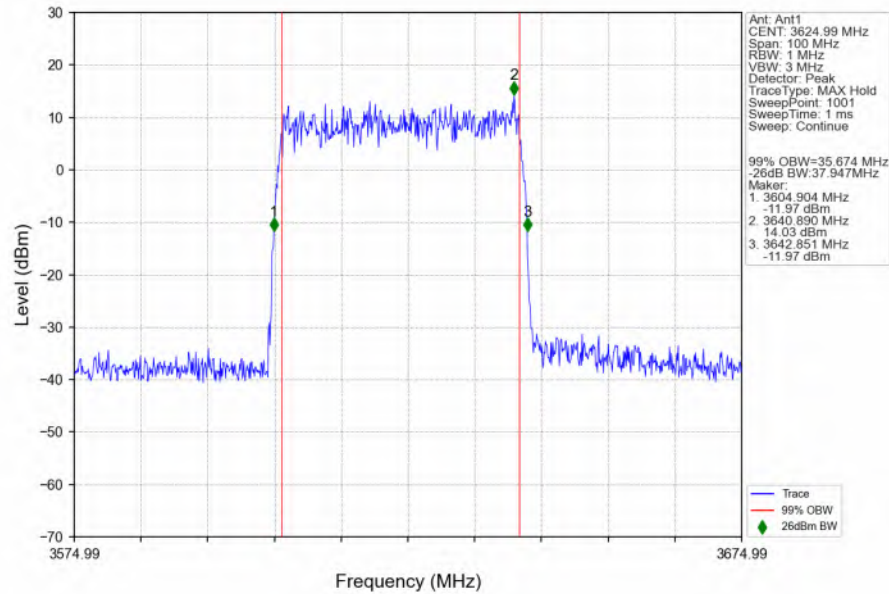
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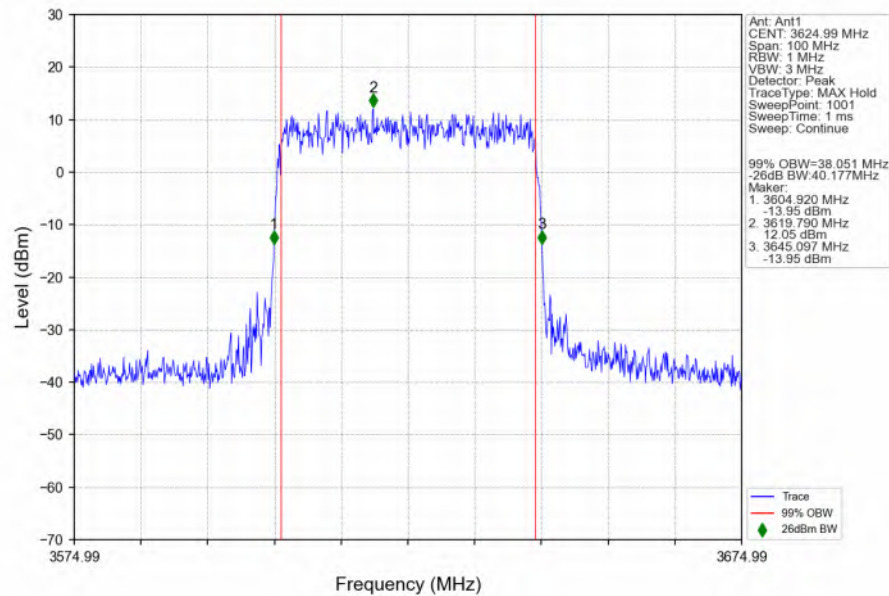
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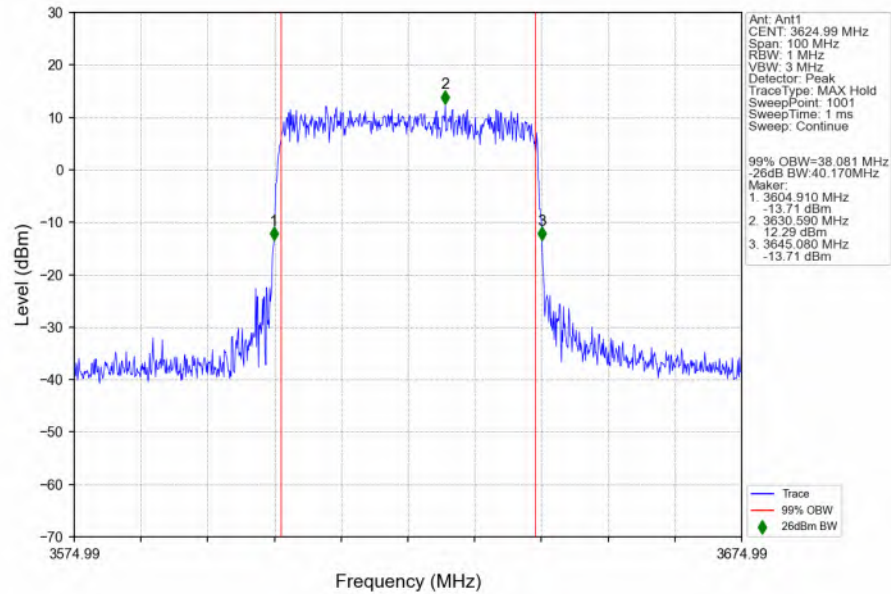
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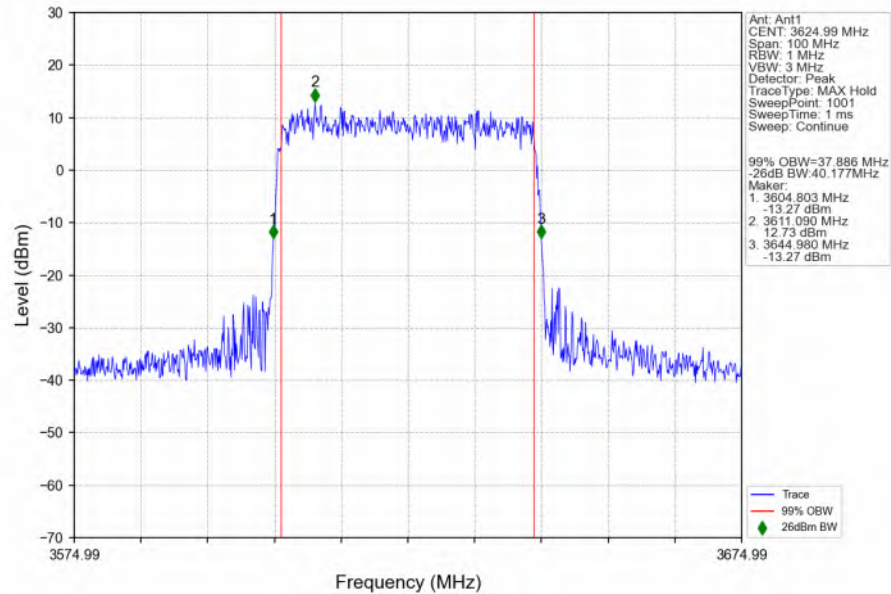
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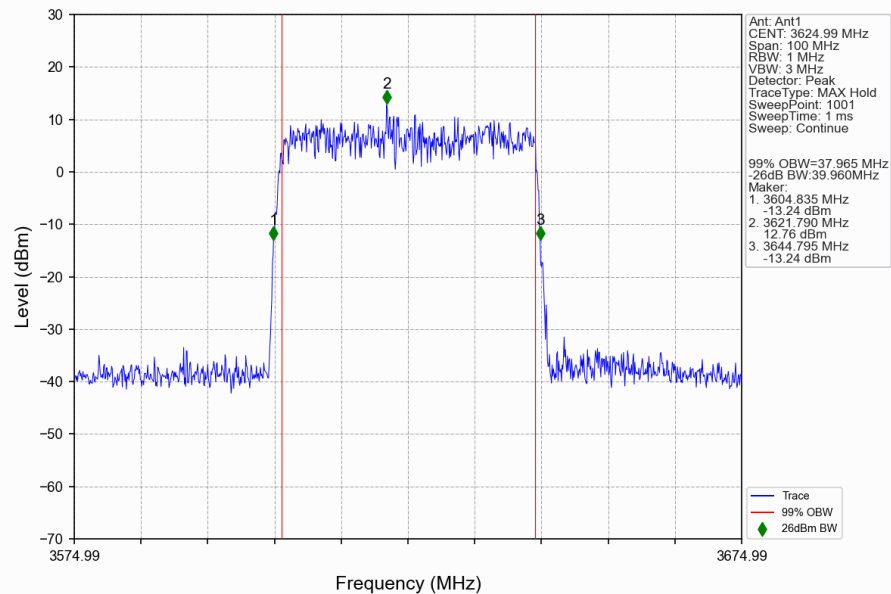
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n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 64 QAM_3624.99MHz_Outer_Full_Ant1



n48_30kHz_SISO_NTNV_40MHz_CP-OFDM 256 QAM_3624.99MHz_Outer_Full_Ant1





4. Peak-Average Ratio

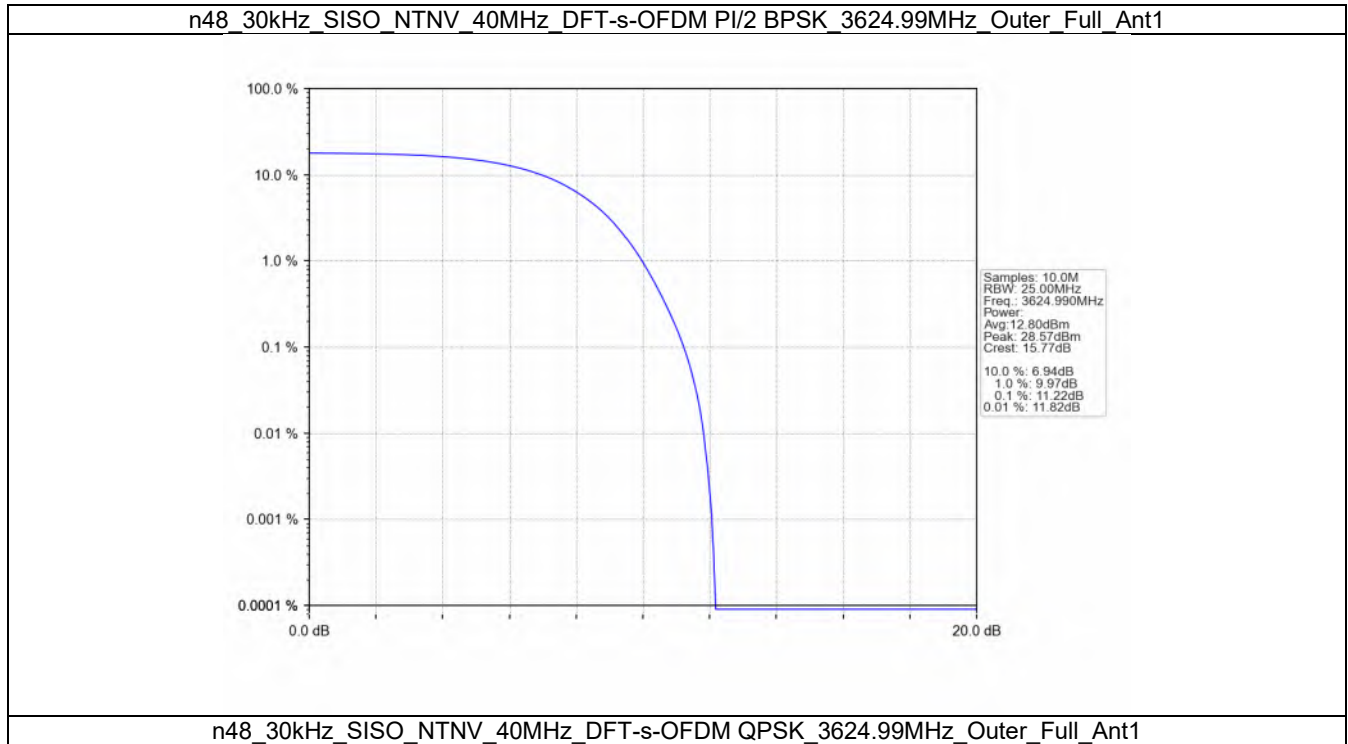
4.1 Test Result

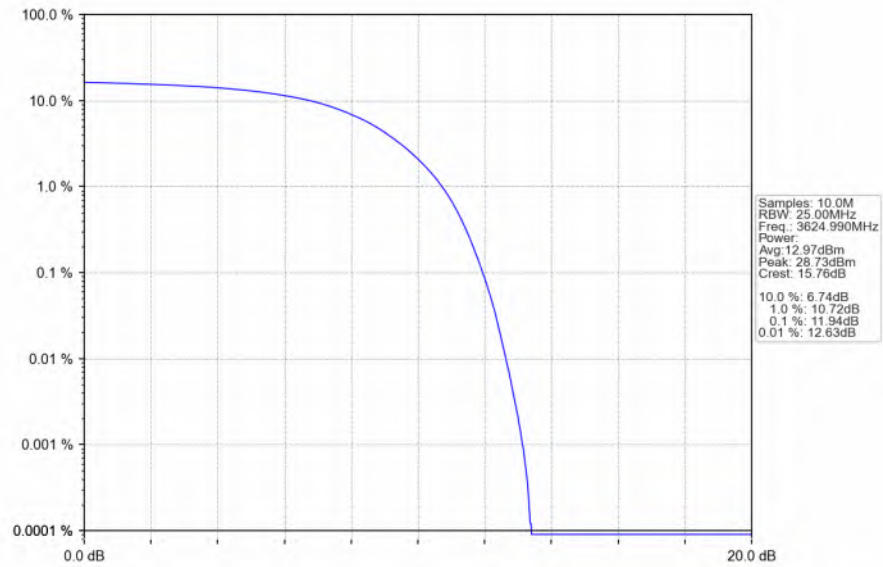
4.1.1 30_S_40M_NTNV

5G NR n48 SCS=30kHz SISO 40MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	3624.99	Outer_Full	11.22	/	/	<=13	Pass
DFT-s-OFDM QPSK	3624.99	Outer_Full	11.94	/	/	<=13	Pass
CP-OFDM QPSK	3624.99	Outer_Full	11.53	/	/	<=13	Pass

4.2 Test Graph

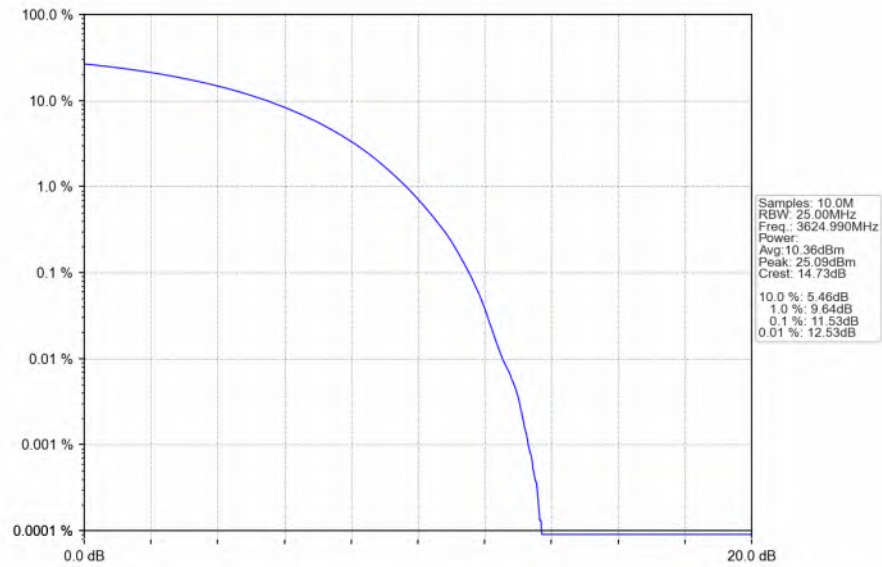
4.2.1 30_S_40M_NTNV







n48_30kHz_SISO_NTNV_40MHz_CP-OFDM QPSK_3624.99MHz_Outer_Full_Ant1





5. Spurious Emission

5.1 Test Result

5.1.1 30_S_10M_NTNV

5G NR n48 SCS=30kHz SISO 10MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3555	Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	
		3694.98	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	3555	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
Outer_Full			Refer To Test Graph				Pass	
3624.99		Edge_1RB_Left	Refer To Test Graph				Pass	
		3694.98	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK	3555	Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	
		3694.98	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass

5.1.2 30_S_20M_NTNV

5G NR n48 SCS=30kHz SISO 20MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3560.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	
		3690	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	3560.01	Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	



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CP-OFDM QPSK	3690	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	3560.01	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
	3624.99	Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
	3690	Edge_1RB_Right	Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass

5.1.3 30_S_40M_NTNV

5G NR n48 SCS=30kHz SISO 40MHz NTN								
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict	
			Ant1	Ant2	Sum	Limit		
DFT-s-OFDM PI/2 BPSK	3570	Edge_1RB_Left	Refer To Test Graph				Pass	
		Edge_1RB_Right	Refer To Test Graph				Pass	
		Outer_Full	Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	
		3679.98	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
	DFT-s-OFDM QPSK	3570	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
Outer_Full			Refer To Test Graph				Pass	
3624.99		Edge_1RB_Left	Refer To Test Graph				Pass	
		3679.98	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass
CP-OFDM QPSK		3570	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
	Outer_Full		Refer To Test Graph				Pass	
	3624.99	Edge_1RB_Left	Refer To Test Graph				Pass	
		3679.98	Edge_1RB_Left	Refer To Test Graph				Pass
			Edge_1RB_Right	Refer To Test Graph				Pass
			Outer_Full	Refer To Test Graph				Pass

5.1.4 30_M_10M_NTNV

5G NR n48 SCS=30kHz MIMO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3555	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass



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	3694.98	Outer_Full	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
		Edge_1RB_Left	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
		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

5.1.5 30_M_20M_NTNV

5G NR n48 SCS=30kHz MIMO 20MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3560.01	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		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
	3690	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		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			

5.1.6 30_M_40M_NTNV

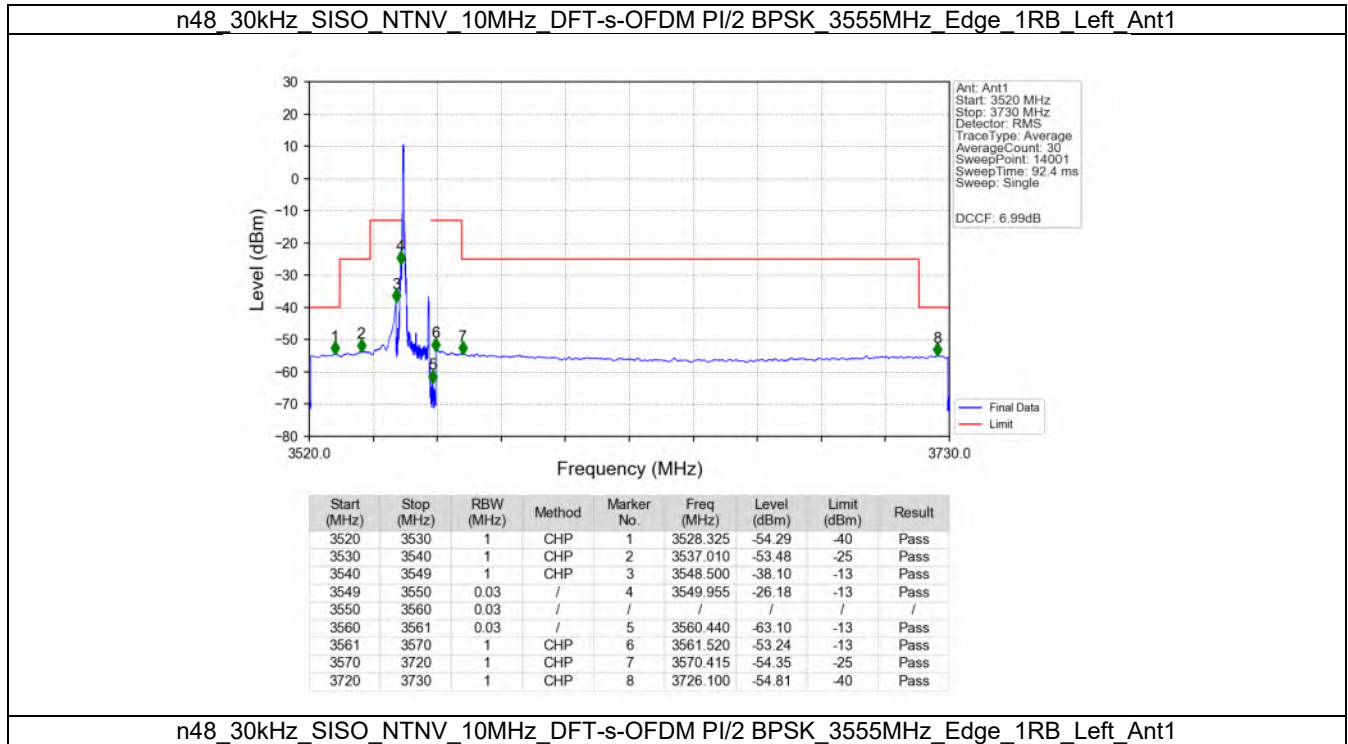
5G NR n48 SCS=30kHz MIMO 40MHz NTNv							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
CP-OFDM QPSK	3570	Edge_1RB_Left	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Edge_1RB_Right	Refer To Test Graph				Pass
			Refer To Test Graph				Pass
			Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass

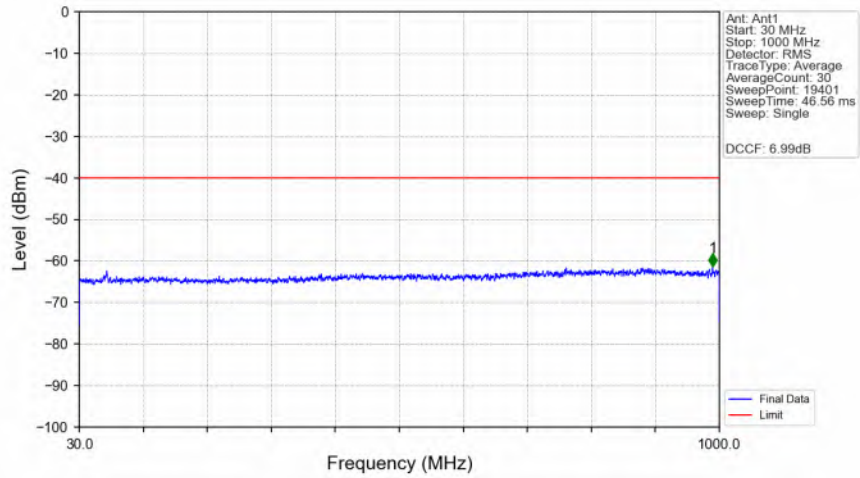


			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
	3679.98	Edge_1RB_Left	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
		Edge_1RB_Right	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass
		Outer_Full	Refer To Test Graph	Pass
			Refer To Test Graph	Pass
			Refer To Test Graph	Pass

5.2 Test Graph

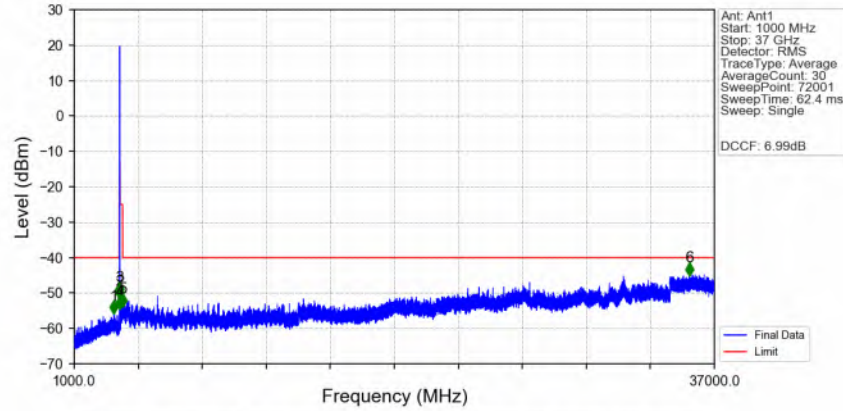
5.2.1 30_S_10M_NTNV





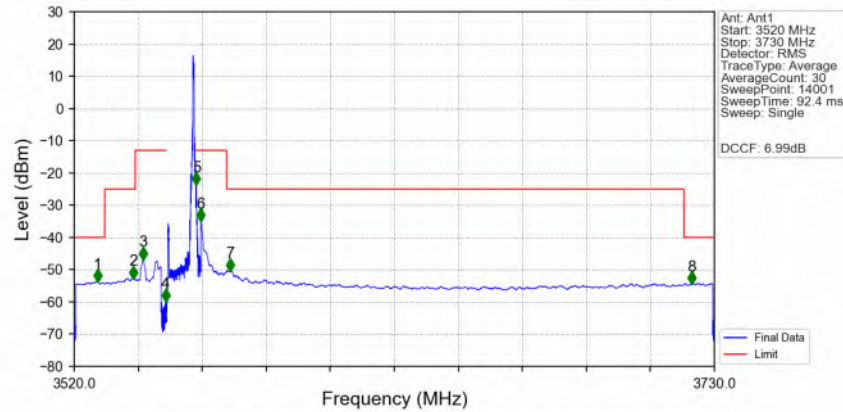
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	989.950	-61.29	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Edge_1RB_Left_Ant1



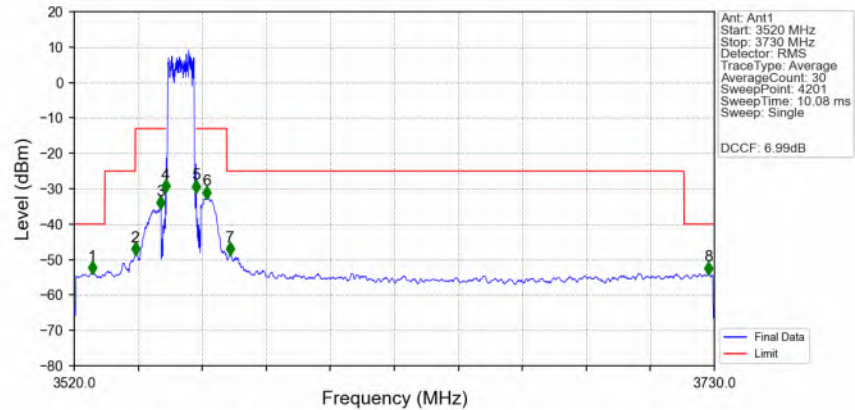
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	3226.500	-55.57	-40	Pass
3530	3540	1	/	2	3540.000	-51.43	-25	Pass
3540	3549	1	/	3	3542.500	-50.33	-13	Pass
3549	3565	1	/	/	/	/	/	/
3565	3570	1	/	4	3567.500	-54.32	-13	Pass
3570	3720	1	/	5	3717.500	-53.56	-25	Pass
3720	37000	1	/	6	35614.000	-44.82	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3555MHz_Edge_1RB_Right_Ant1



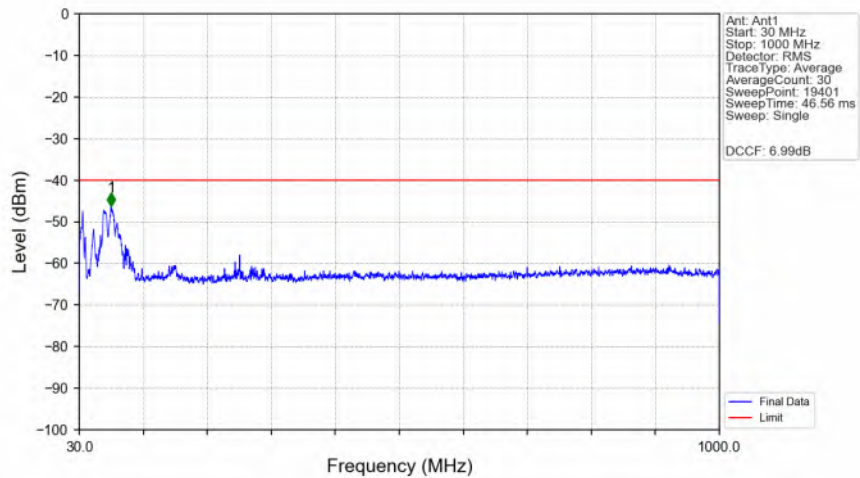
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3527.590	-53.53	-40	Pass
3530	3540	1	CHP	2	3539.440	-52.51	-25	Pass
3540	3549	1	CHP	3	3542.605	-46.63	-13	Pass
3549	3550	0.03	/	4	3549.955	-59.59	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	5	3560.065	-23.52	-13	Pass
3561	3570	1	CHP	6	3561.505	-34.81	-13	Pass
3570	3720	1	CHP	7	3571.240	-50.15	-25	Pass
3720	3730	1	CHP	8	3722.575	-54.21	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3555MHz_Outer_Full_Ant1



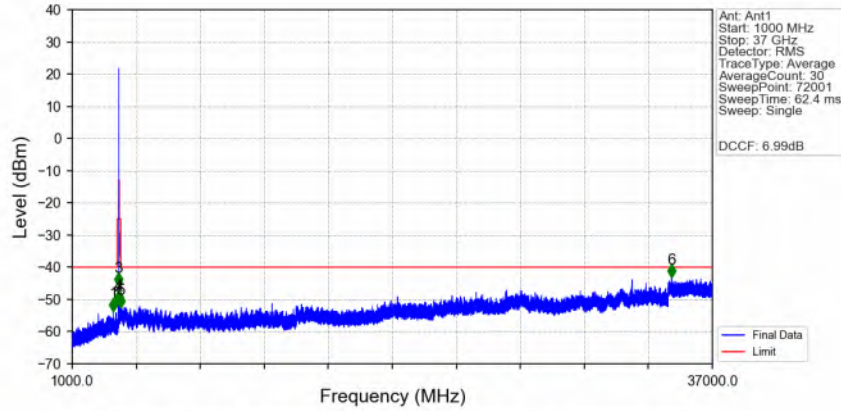
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.950	-53.77	-40	Pass
3530	3540	1	CHP	2	3540.000	-48.46	-25	Pass
3540	3549	1	CHP	3	3548.400	-35.42	-13	Pass
3549	3550	0.1	/	4	3549.950	-30.76	-13	Pass
3550	3560	0.1	/	/	/	/	/	/
3560	3561	0.1	/	5	3560.050	-30.89	-13	Pass
3561	3570	1	CHP	6	3563.350	-32.60	-13	Pass
3570	3720	1	CHP	7	3571.050	-48.56	-25	Pass
3720	3730	1	CHP	8	3727.900	-53.96	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3624.99MHz_Edge_1RB_Left_Ant1



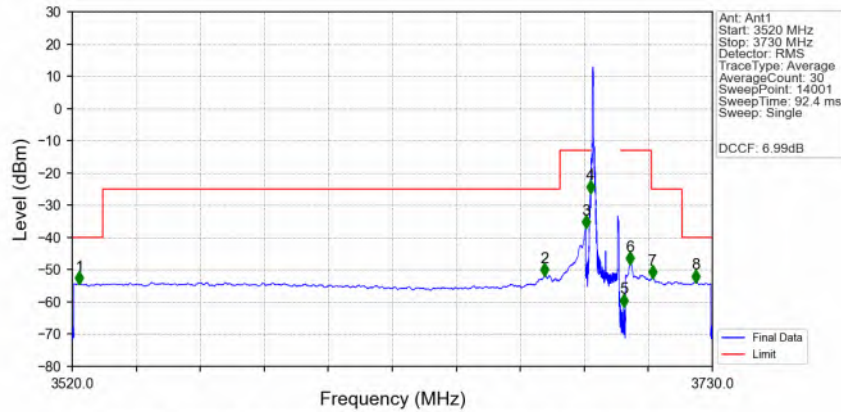
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	78.300	-46.25	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left_Ant1



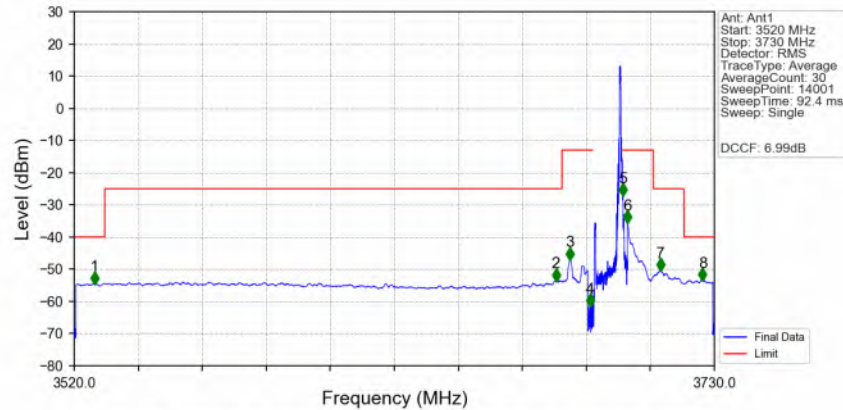
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	3313.000	-53.36	-40	Pass
3530	3609.99	1	/	2	3606.500	-51.16	-25	Pass
3609.99	3618.99	1	/	3	3612.500	-45.37	-13	Pass
3618.99	3634.99	1	/	/	/	/	/	/
3634.99	3639.99	1	/	4	3637.000	-50.94	-13	Pass
3639.99	3720	1	/	5	3718.500	-52.31	-25	Pass
3720	37000	1	/	6	34707.500	-42.79	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_3694.98MHz_Edge_1RB_Left_Ant1



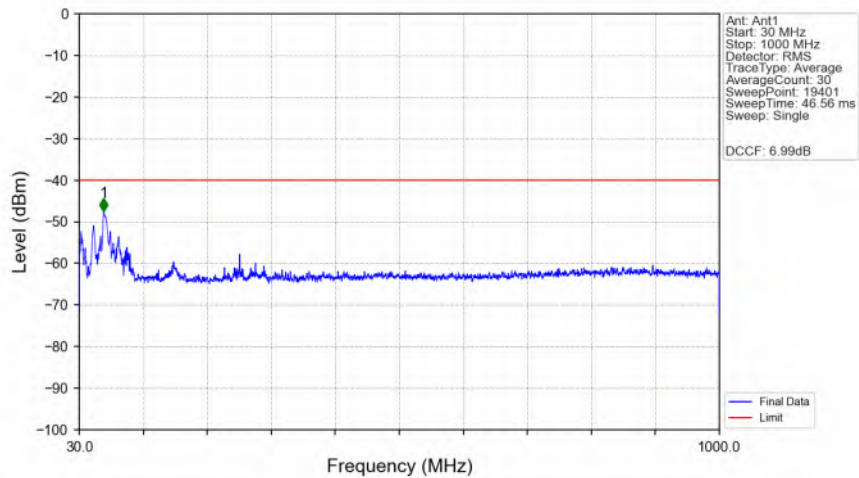
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.310	-54.33	-40	Pass
3530	3679.98	1	CHP	2	3674.965	-51.69	-25	Pass
3679.98	3688.98	1	CHP	3	3688.465	-36.88	-13	Pass
3688.98	3689.98	0.03	/	4	3689.965	-25.93	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	5	3700.855	-61.24	-13	Pass
3700.98	3709.98	1	CHP	6	3703.060	-48.24	-13	Pass
3709.98	3720	1	CHP	7	3710.320	-52.42	-25	Pass
3720	3730	1	CHP	8	3724.600	-53.69	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3694.98MHz_Edge_1RB_Right_Ant1



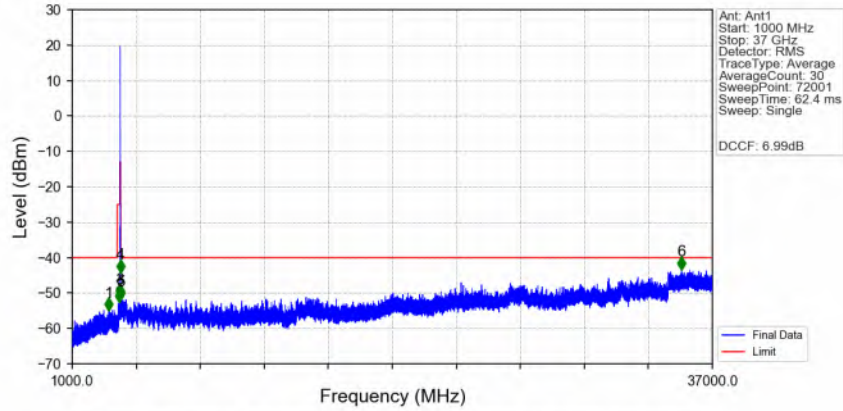
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.675	-54.39	-40	Pass
3530	3679.98	1	CHP	2	3678.040	-53.46	-25	Pass
3679.98	3688.98	1	CHP	3	3682.615	-46.86	-13	Pass
3688.98	3689.98	0.03	/	4	3689.275	-61.30	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	5	3699.985	-27.00	-13	Pass
3700.98	3709.98	1	CHP	6	3701.485	-35.45	-13	Pass
3709.98	3720	1	CHP	7	3712.270	-50.36	-25	Pass
3720	3730	1	CHP	8	3726.145	-53.37	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3694.98MHz_Edge_1RB_Right_Ant1



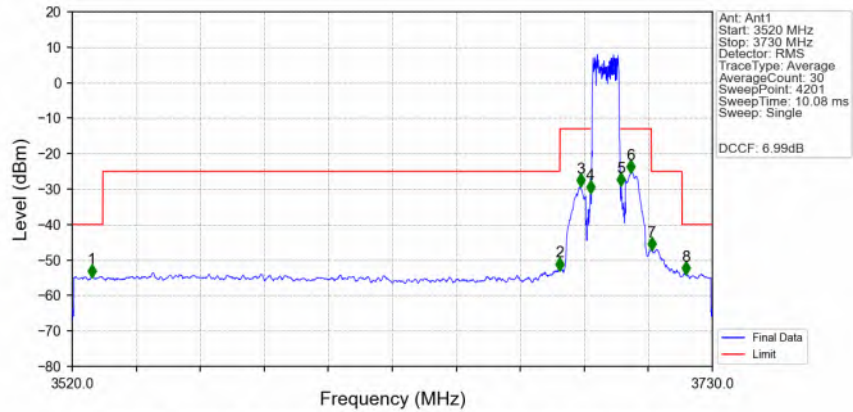
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	67.000	-47.52	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3694.98MHz_Edge_1RB_Right_Ant1



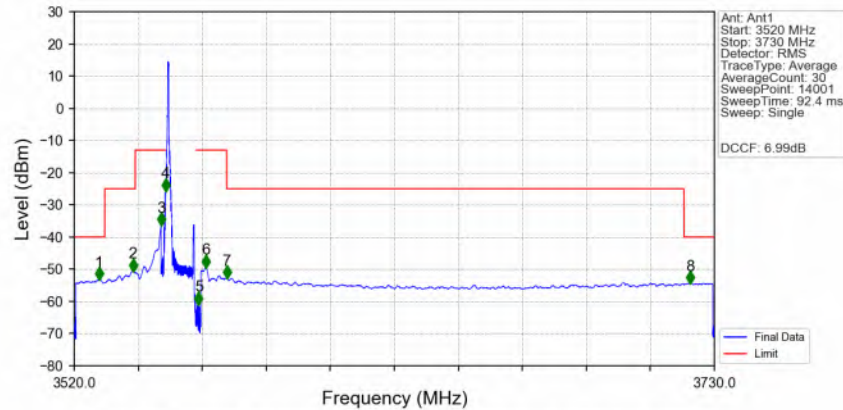
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	3053.000	-54.79	-40	Pass
3530	3679.98	1	/	2	3645.500	-52.36	-25	Pass
3679.98	3688.98	1	/	3	3683.000	-50.91	-13	Pass
3688.98	3704.98	1	/	/	/	/	/	/
3704.98	3709.98	1	/	4	3705.000	-43.96	-13	Pass
3709.98	3720	1	/	5	3719.000	-51.50	-25	Pass
3720	37000	1	/	6	35267.000	-43.06	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_3694.98MHz_Outer_Full_Ant1



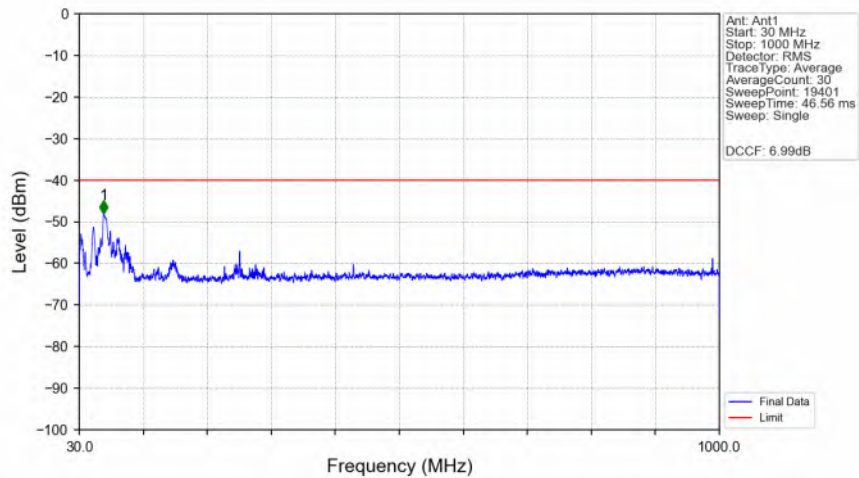
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.450	-54.58	-40	Pass
3530	3679.98	1	CHP	2	3679.800	-52.64	-25	Pass
3679.98	3688.98	1	CHP	3	3686.700	-29.07	-13	Pass
3688.98	3689.98	0.1	/	4	3689.950	-30.88	-13	Pass
3689.98	3699.98	0.1	/	/	/	/	/	/
3699.98	3700.98	0.1	/	5	3700.000	-28.84	-13	Pass
3700.98	3709.98	1	CHP	6	3703.250	-25.18	-13	Pass
3709.98	3720	1	CHP	7	3710.050	-46.99	-25	Pass
3720	3730	1	CHP	8	3721.350	-53.81	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3555MHz_Edge_1RB_Left_Ant1



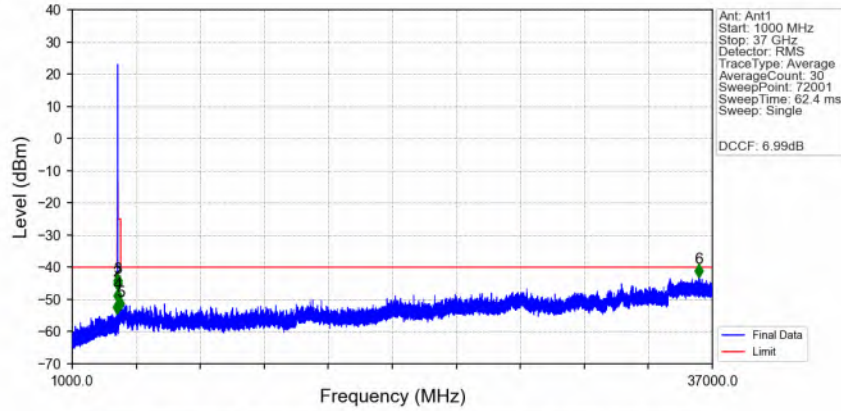
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.190	-53.11	-40	Pass
3530	3540	1	CHP	2	3539.245	-50.42	-25	Pass
3540	3549	1	CHP	3	3548.500	-36.12	-13	Pass
3549	3550	0.03	/	4	3549.985	-25.45	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	5	3560.830	-60.73	-13	Pass
3561	3570	1	CHP	6	3563.140	-49.19	-13	Pass
3570	3720	1	CHP	7	3570.205	-52.61	-25	Pass
3720	3730	1	CHP	8	3722.125	-54.22	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3555MHz_Edge_1RB_Left_Ant1



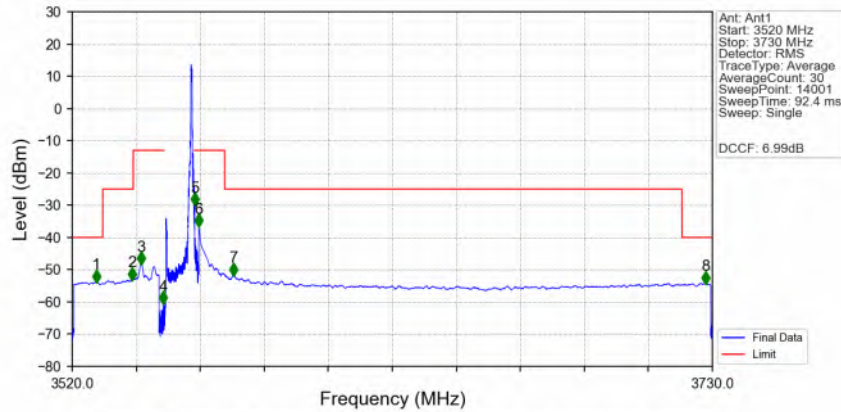
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	67.050	-48.01	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3555MHz_Edge_1RB_Left_Ant1



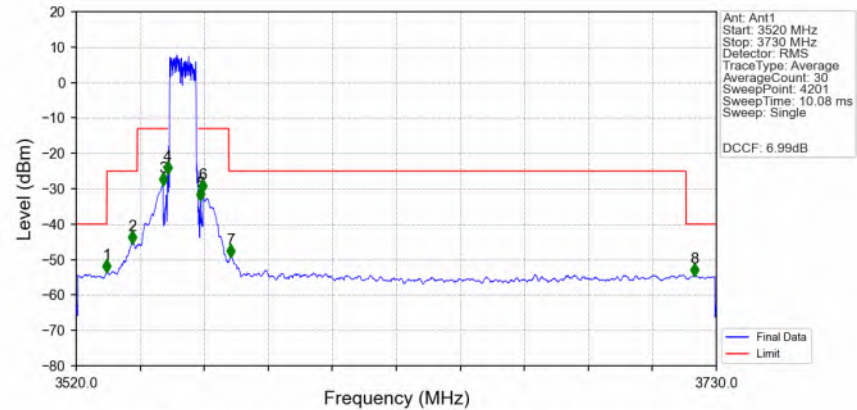
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	3520.500	-54.18	-40	Pass
3530	3540	1	/	2	3539.000	-46.74	-25	Pass
3540	3549	1	/	3	3543.500	-45.81	-13	Pass
3549	3565	1	/	/	/	/	/	/
3565	3570	1	/	4	3570.000	-50.50	-13	Pass
3570	3720	1	/	5	3698.000	-53.03	-25	Pass
3720	37000	1	/	6	36230.000	-42.76	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3555MHz_Edge_1RB_Right_Ant1



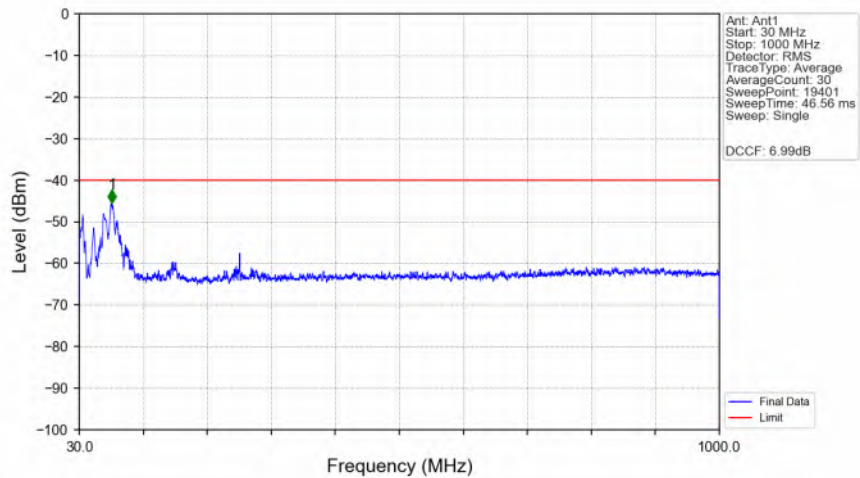
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3527.830	-53.71	-40	Pass
3530	3540	1	CHP	2	3539.695	-52.98	-25	Pass
3540	3549	1	CHP	3	3542.545	-48.18	-13	Pass
3549	3550	0.03	/	4	3549.880	-60.38	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	5	3560.140	-29.83	-13	Pass
3561	3570	1	CHP	6	3561.505	-36.35	-13	Pass
3570	3720	1	CHP	7	3572.950	-51.56	-25	Pass
3720	3730	1	CHP	8	3727.795	-54.17	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3555MHz_Outer_Full_Ant1



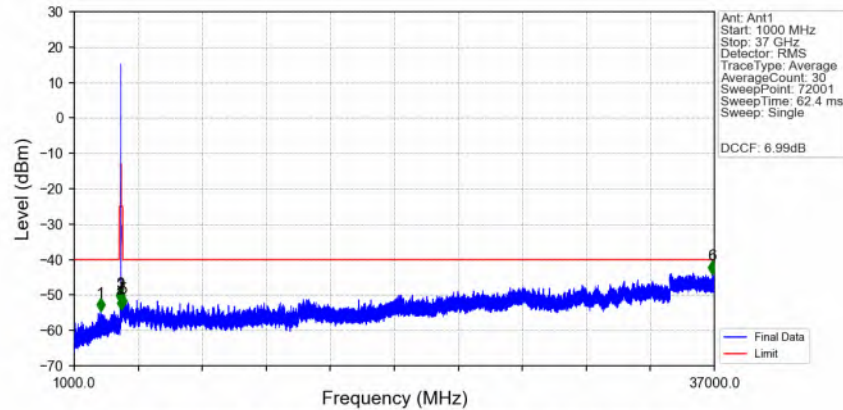
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3530.000	-53.48	-40	Pass
3530	3540	1	CHP	2	3538.300	-45.31	-25	Pass
3540	3549	1	CHP	3	3548.450	-28.78	-13	Pass
3549	3550	0.1	/	4	3549.950	-25.58	-13	Pass
3550	3560	0.1	/	/	/	/	/	/
3560	3561	0.1	/	5	3560.750	-33.12	-13	Pass
3561	3570	1	CHP	6	3561.500	-30.81	-13	Pass
3570	3720	1	CHP	7	3570.750	-49.06	-25	Pass
3720	3730	1	CHP	8	3722.900	-54.54	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3624.99MHz_Edge_1RB_Left_Ant1



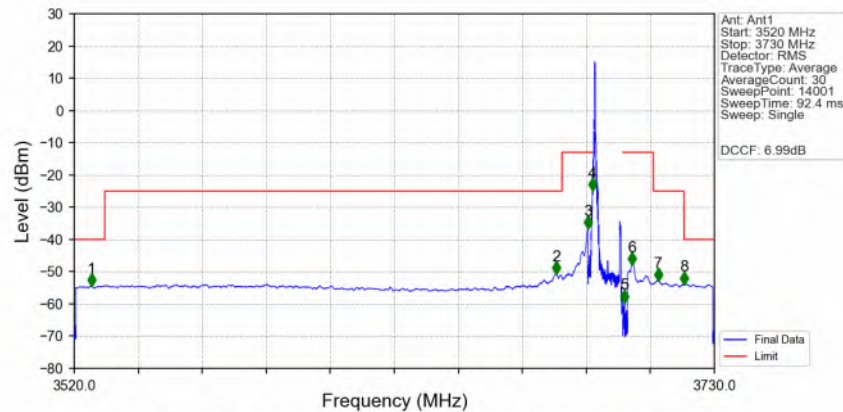
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	79.750	-45.49	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3624.99MHz_Edge_1RB_Left_Ant1



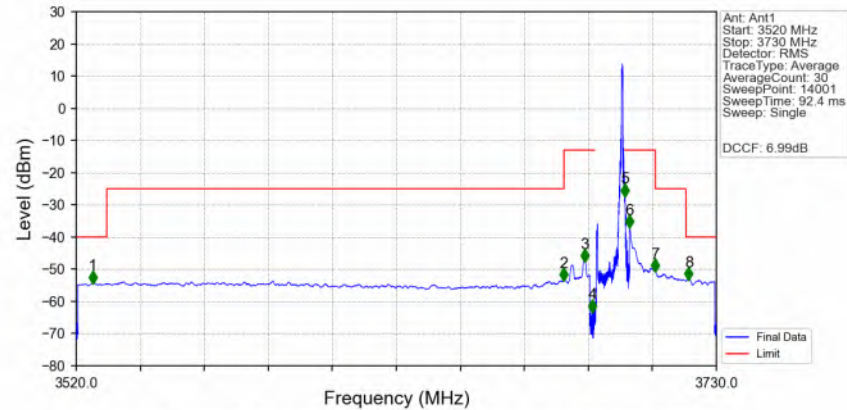
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	2474.500	-54.27	-40	Pass
3530	3609.99	1	/	2	3609.500	-51.99	-25	Pass
3609.99	3618.99	1	/	3	3614.000	-51.54	-13	Pass
3618.99	3634.99	1	/	/	/	/	/	/
3634.99	3639.99	1	/	4	3638.500	-53.91	-13	Pass
3639.99	3720	1	/	5	3715.500	-53.12	-25	Pass
3720	37000	1	/	6	36861.000	-43.71	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3694.98MHz_Edge_1RB_Left_Ant1



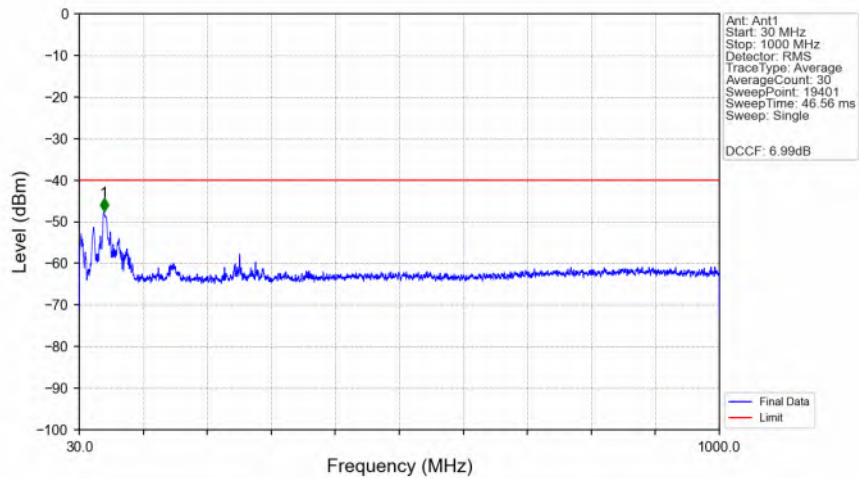
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.670	-54.25	-40	Pass
3530	3679.98	1	CHP	2	3678.115	-50.54	-25	Pass
3679.98	3688.98	1	CHP	3	3688.480	-36.46	-13	Pass
3688.98	3689.98	0.03	/	4	3689.965	-24.74	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	5	3700.420	-59.29	-13	Pass
3700.98	3709.98	1	CHP	6	3703.045	-47.65	-13	Pass
3709.98	3720	1	CHP	7	3711.670	-52.70	-25	Pass
3720	3730	1	CHP	8	3720.025	-53.70	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3694.98MHz_Edge_1RB_Right_Ant1



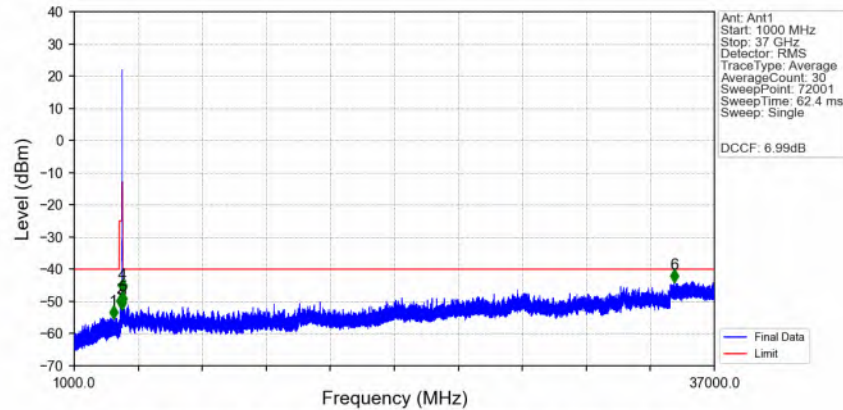
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.385	-54.15	-40	Pass
3530	3679.98	1	CHP	2	3679.900	-53.35	-25	Pass
3679.98	3688.98	1	CHP	3	3686.710	-47.40	-13	Pass
3688.98	3689.98	0.03	/	4	3689.320	-63.10	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	5	3700.030	-27.11	-13	Pass
3700.98	3709.98	1	CHP	6	3701.485	-36.93	-13	Pass
3709.98	3720	1	CHP	7	3709.990	-50.55	-25	Pass
3720	3730	1	CHP	8	3720.925	-53.08	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_3694.98MHz_Edge_1RB_Right_Ant1



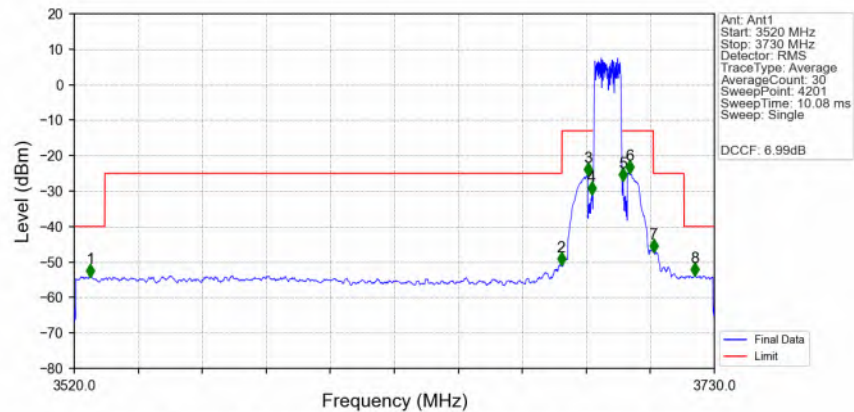
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	67.450	-47.49	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Edge_1RB_Right_Ant1



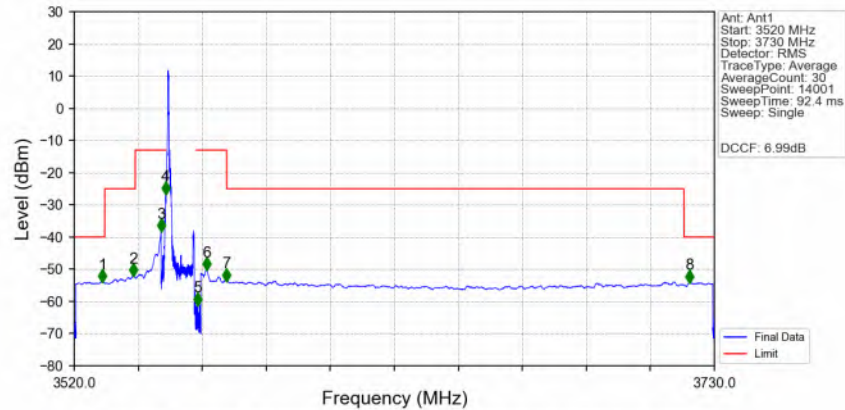
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	3209.500	-55.02	-40	Pass
3530	3679.98	1	/	2	3602.500	-51.48	-25	Pass
3679.98	3688.98	1	/	3	3681.500	-52.14	-13	Pass
3688.98	3704.98	1	/	/	/	/	/	/
3704.98	3709.98	1	/	4	3707.000	-46.91	-13	Pass
3709.98	3720	1	/	5	3716.500	-50.75	-25	Pass
3720	37000	1	/	6	34737.500	-43.77	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_3694.98MHz_Outer_Full_Ant1



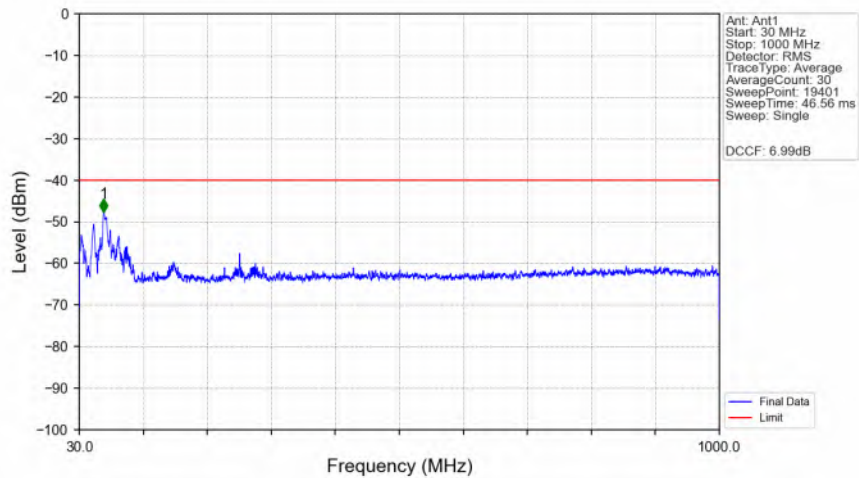
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3525.300	-53.94	-40	Pass
3530	3679.98	1	CHP	2	3679.750	-50.65	-25	Pass
3679.98	3688.98	1	CHP	3	3688.450	-25.47	-13	Pass
3688.98	3689.98	0.1	/	4	3689.800	-30.77	-13	Pass
3689.98	3699.98	0.1	/	/	/	/	/	/
3699.98	3700.98	0.1	/	5	3700.000	-26.98	-13	Pass
3700.98	3709.98	1	CHP	6	3702.100	-24.73	-13	Pass
3709.98	3720	1	CHP	7	3710.050	-47.05	-25	Pass
3720	3730	1	CHP	8	3723.650	-53.64	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3555MHz_Edge_1RB_Left_Ant1



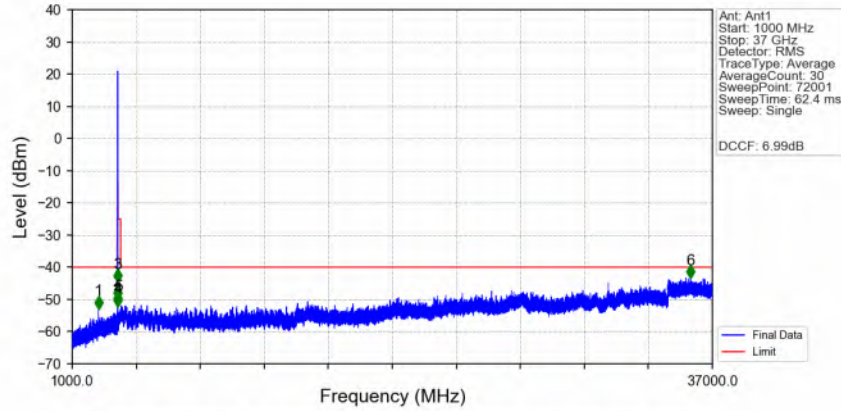
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.255	-53.82	-40	Pass
3530	3540	1	CHP	2	3539.365	-51.97	-25	Pass
3540	3549	1	CHP	3	3548.500	-38.10	-13	Pass
3549	3550	0.03	/	4	3549.985	-26.39	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	5	3560.515	-61.00	-13	Pass
3561	3570	1	CHP	6	3563.485	-50.03	-13	Pass
3570	3720	1	CHP	7	3570.010	-53.45	-25	Pass
3720	3730	1	CHP	8	3721.870	-53.94	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3555MHz_Edge_1RB_Left_Ant1



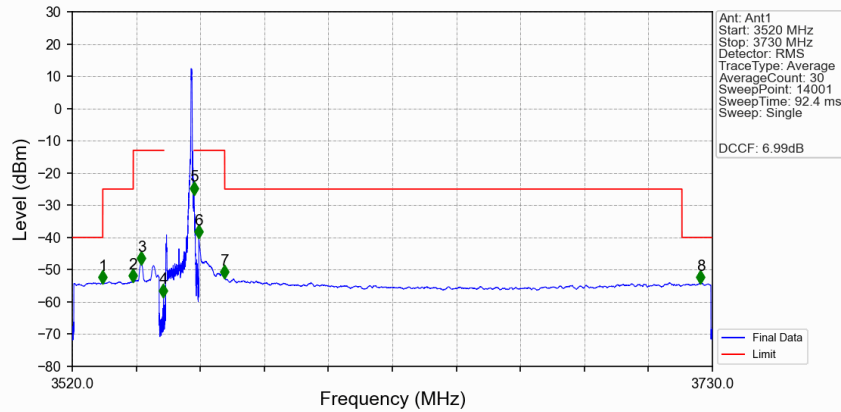
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	67.150	-47.63	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3555MHz_Edge_1RB_Left_Ant1



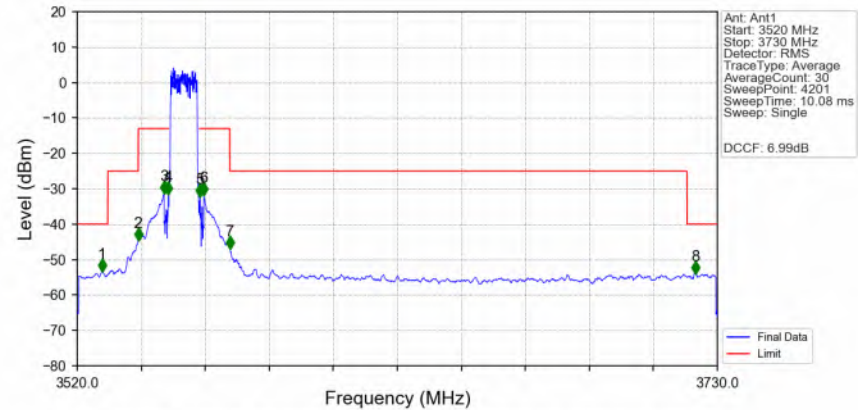
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	2470.500	-52.62	-40	Pass
3530	3540	1	/	2	3537.000	-49.75	-25	Pass
3540	3549	1	/	3	3544.000	-44.36	-13	Pass
3549	3565	1	/	/	/	/	/	/
3565	3570	1	/	4	3569.500	-51.93	-13	Pass
3570	3720	1	/	5	3571.000	-51.23	-25	Pass
3720	37000	1	/	6	35767.500	-43.04	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3555MHz_Edge_1RB_Right_Ant1



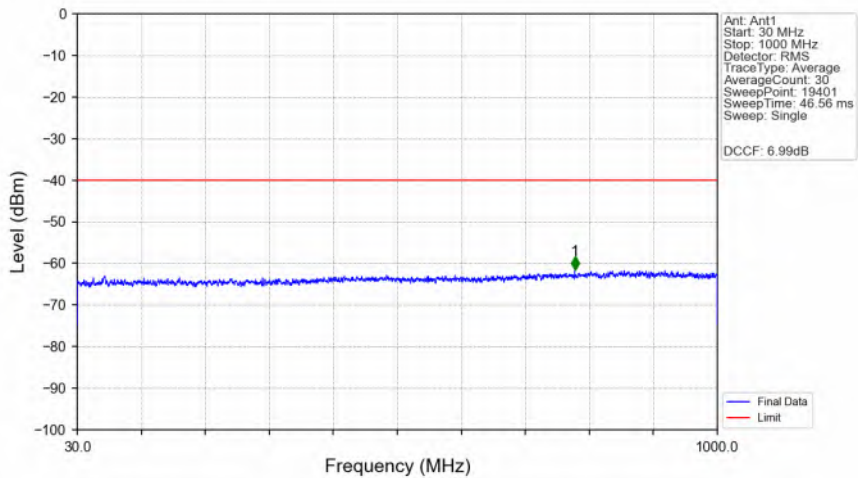
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.960	-54.01	-40	Pass
3530	3540	1	CHP	2	3539.905	-53.61	-25	Pass
3540	3549	1	CHP	3	3542.710	-48.19	-13	Pass
3549	3550	0.03	/	4	3549.910	-58.17	-13	Pass
3550	3560	0.03	/	/	/	/	/	/
3560	3561	0.03	/	5	3560.005	-26.43	-13	Pass
3561	3570	1	CHP	6	3561.505	-39.90	-13	Pass
3570	3720	1	CHP	7	3570.010	-52.38	-25	Pass
3720	3730	1	CHP	8	3726.145	-54.01	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3555MHz_Outer_Full_Ant1



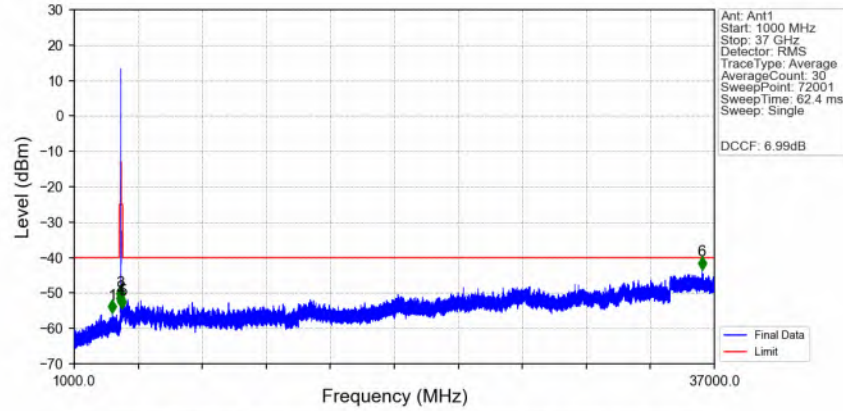
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.100	-53.23	-40	Pass
3530	3540	1	CHP	2	3540.000	-44.40	-25	Pass
3540	3549	1	CHP	3	3548.500	-31.13	-13	Pass
3549	3550	0.1	/	4	3549.900	-31.37	-13	Pass
3550	3560	0.1	/	/	/	/	/	/
3560	3561	0.1	/	5	3560.300	-32.10	-13	Pass
3561	3570	1	CHP	6	3561.500	-31.63	-13	Pass
3570	3720	1	CHP	7	3570.050	-46.79	-25	Pass
3720	3730	1	CHP	8	3722.700	-53.89	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3624.99MHz_Edge_1RB_Left_Ant1



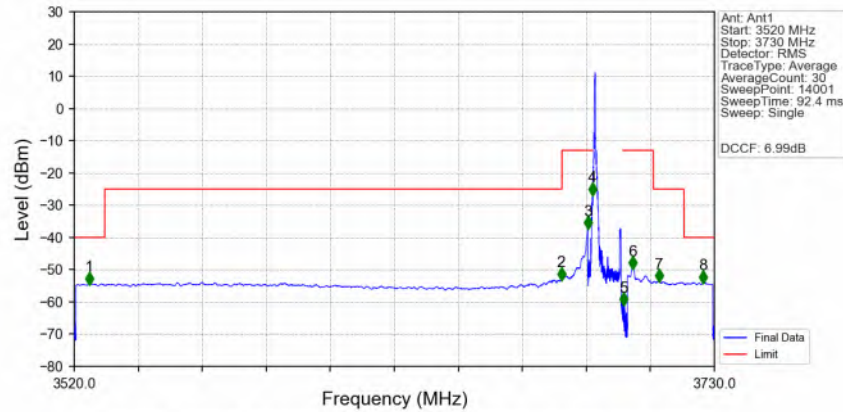
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	783.900	-61.50	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3624.99MHz_Edge_1RB_Left_Ant1



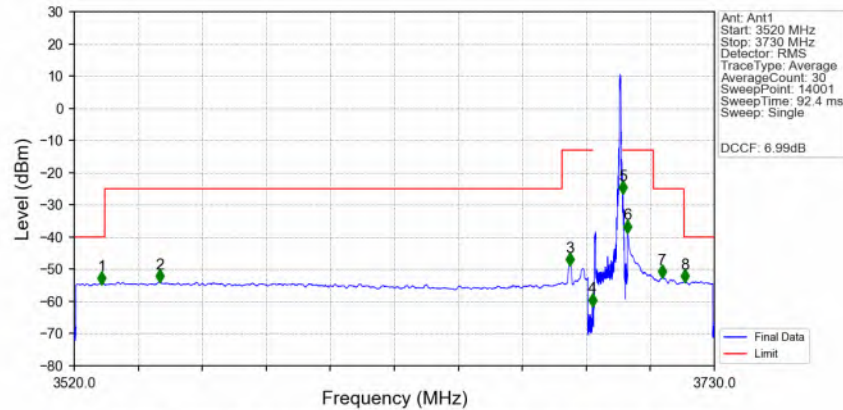
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	3143.500	-55.38	-40	Pass
3530	3609.99	1	/	2	3608.500	-53.07	-25	Pass
3609.99	3618.99	1	/	3	3611.000	-51.76	-13	Pass
3618.99	3634.99	1	/	/	/	/	/	/
3634.99	3639.99	1	/	4	3639.500	-53.78	-13	Pass
3639.99	3720	1	/	5	3698.000	-54.03	-25	Pass
3720	37000	1	/	6	36300.500	-43.10	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_3694.98MHz_Edge_1RB_Left_Ant1



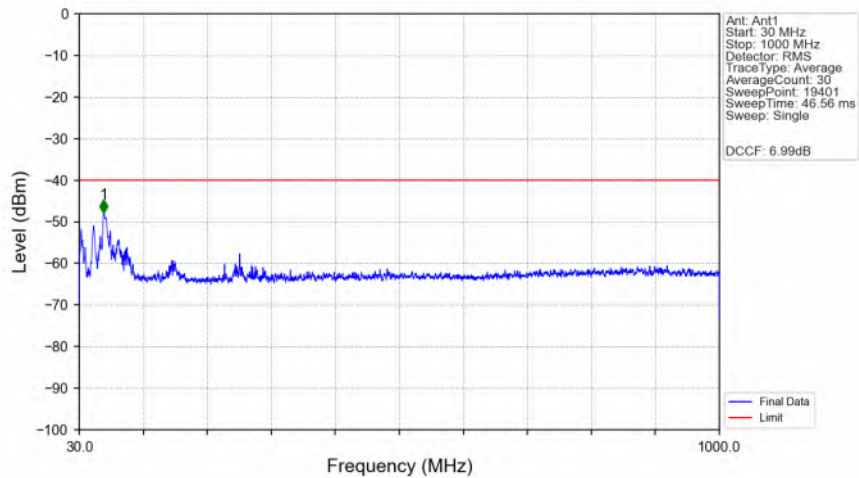
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3524.920	-54.36	-40	Pass
3530	3679.98	1	CHP	2	3679.750	-53.01	-25	Pass
3679.98	3688.98	1	CHP	3	3688.480	-37.13	-13	Pass
3688.98	3689.98	0.03	/	4	3689.965	-26.66	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	5	3700.090	-60.91	-13	Pass
3700.98	3709.98	1	CHP	6	3703.195	-49.51	-13	Pass
3709.98	3720	1	CHP	7	3711.850	-53.53	-25	Pass
3720	3730	1	CHP	8	3726.190	-53.93	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right_Ant1



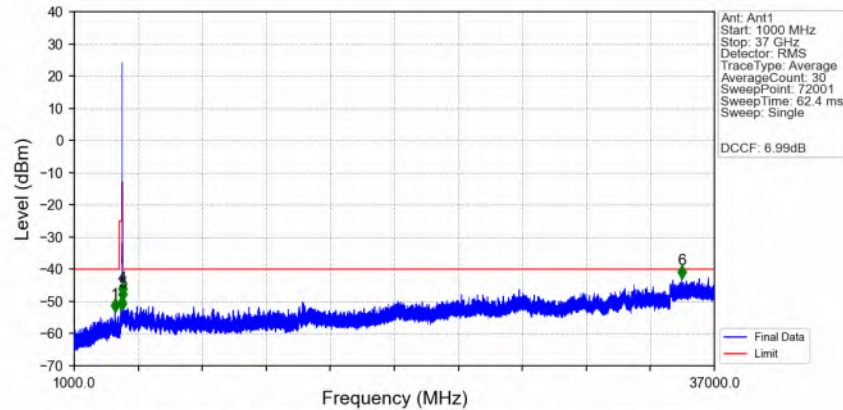
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.030	-54.37	-40	Pass
3530	3679.98	1	CHP	2	3548.035	-53.84	-25	Pass
3679.98	3688.98	1	CHP	3	3682.705	-48.61	-13	Pass
3688.98	3689.98	0.03	/	4	3689.950	-61.21	-13	Pass
3689.98	3699.98	0.03	/	/	/	/	/	/
3699.98	3700.98	0.03	/	5	3700.030	-26.23	-13	Pass
3700.98	3709.98	1	CHP	6	3701.485	-38.44	-13	Pass
3709.98	3720	1	CHP	7	3712.915	-52.38	-25	Pass
3720	3730	1	CHP	8	3720.310	-53.81	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right_Ant1



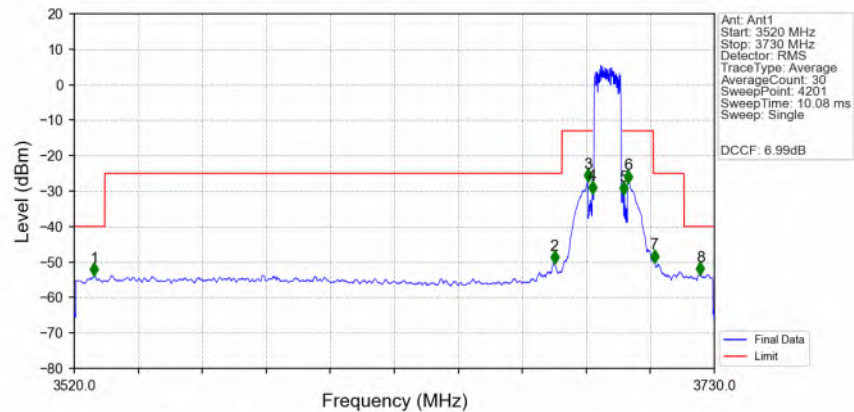
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	67.100	-47.87	-40	Pass

n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Edge_1RB_Right_Ant1



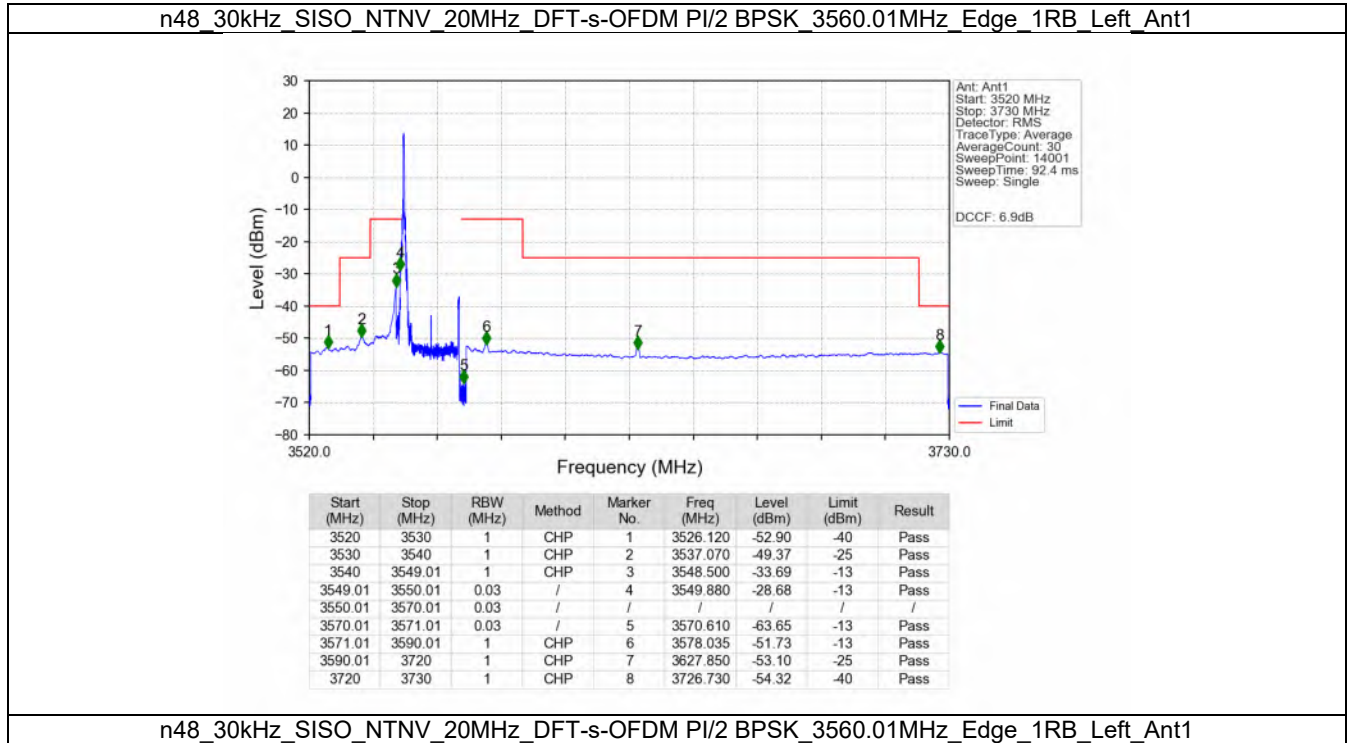
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	3292.000	-52.91	-40	Pass
3530	3679.98	1	/	2	3677.000	-52.07	-25	Pass
3679.98	3688.98	1	/	3	3682.500	-52.46	-13	Pass
3688.98	3704.98	1	/	/	/	/	/	/
3704.98	3709.98	1	/	4	3707.500	-47.78	-13	Pass
3709.98	3720	1	/	5	3716.000	-49.39	-25	Pass
3720	37000	1	/	6	35152.000	-42.54	-40	Pass

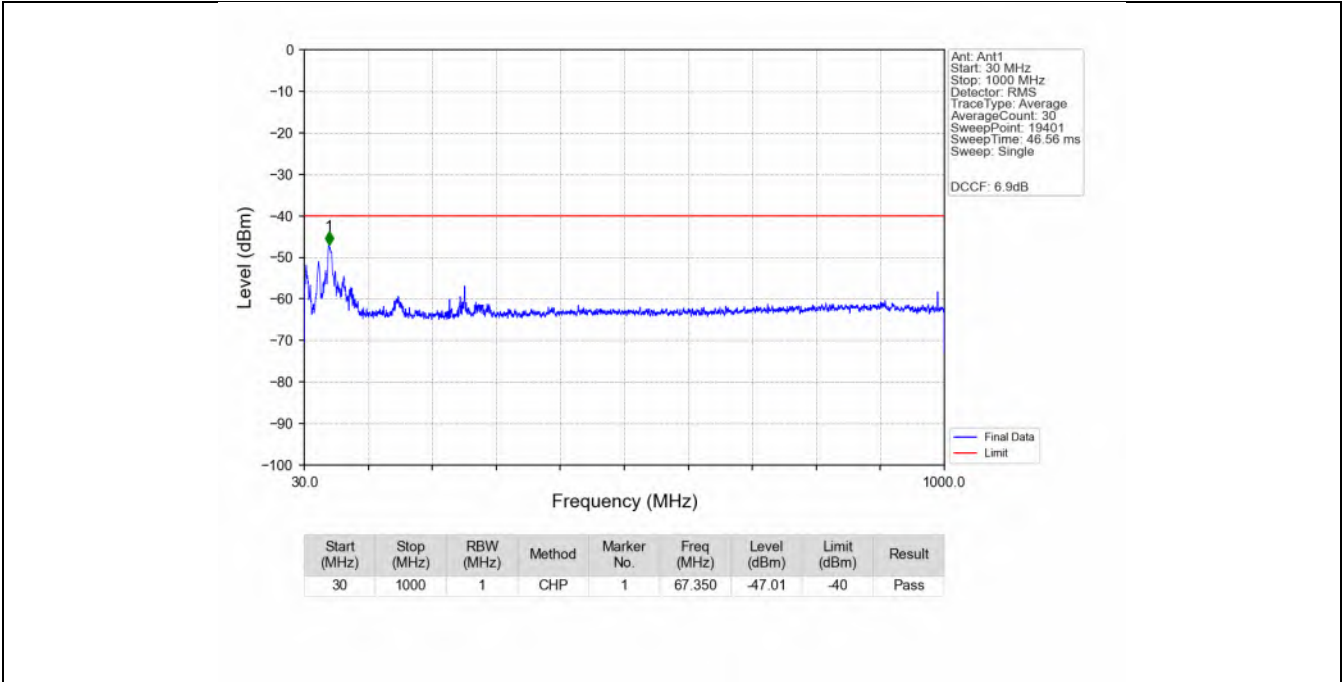
n48_30kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_3694.98MHz_Outer_Full_Ant1



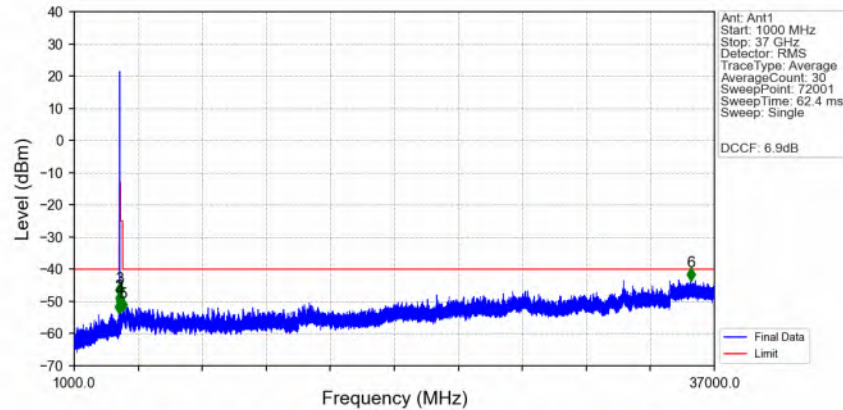
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3526.500	-53.68	-40	Pass
3530	3679.98	1	CHP	2	3677.500	-50.15	-25	Pass
3679.98	3688.98	1	CHP	3	3688.450	-27.10	-13	Pass
3688.98	3689.98	0.1	/	4	3689.950	-30.46	-13	Pass
3689.98	3699.98	0.1	/	/	/	/	/	/
3699.98	3700.98	0.1	/	5	3700.150	-30.75	-13	Pass
3700.98	3709.98	1	CHP	6	3701.600	-27.44	-13	Pass
3709.98	3720	1	CHP	7	3710.400	-49.86	-25	Pass
3720	3730	1	CHP	8	3725.400	-53.37	-40	Pass

5.2.2 30_S_20M_NTNV



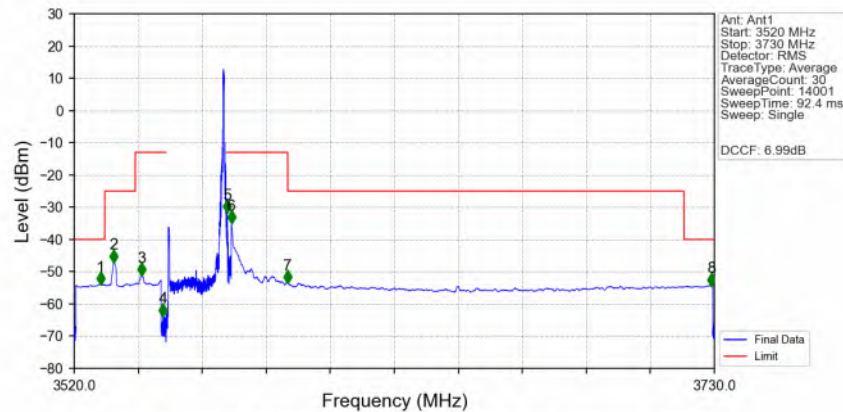


n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3560.01MHz_Edge_1RB_Left_Ant1



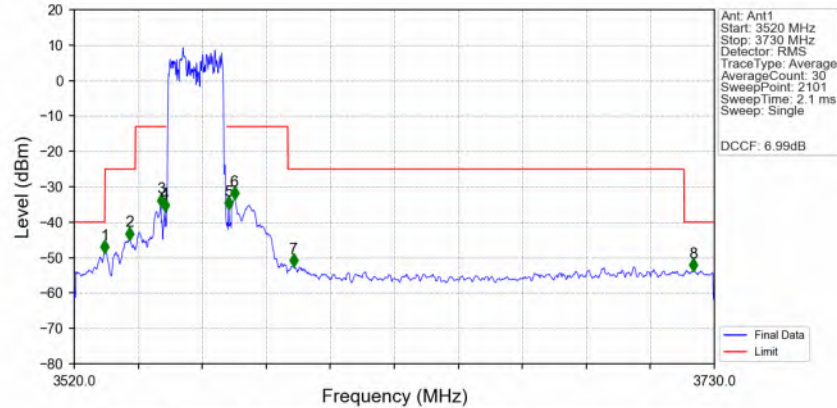
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	3519.000	-53.51	-40	Pass
3530	3540	1	/	2	3537.500	-50.49	-25	Pass
3540	3549.01	1	/	3	3543.500	-48.02	-13	Pass
3549.01	3575.01	1	/	/	/	/	/	/
3575.01	3590.01	1	/	4	3578.000	-51.58	-13	Pass
3590.01	3720	1	/	5	3710.000	-52.75	-25	Pass
3720	37000	1	/	6	35667.500	-43.19	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3560.01MHz_Edge_1RB_Right_Ant1



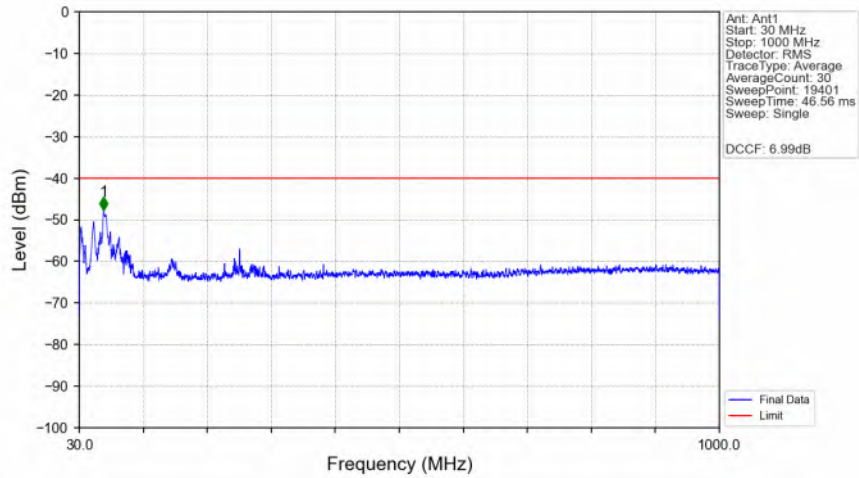
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.685	-53.85	-40	Pass
3530	3540	1	CHP	2	3532.945	-46.85	-25	Pass
3540	3549.01	1	CHP	3	3541.975	-50.92	-13	Pass
3549.01	3550.01	0.03	/	4	3549.130	-63.59	-13	Pass
3550.01	3570.01	0.03	/	/	/	/	/	/
3570.01	3571.01	0.03	/	5	3570.070	-31.45	-13	Pass
3571.01	3590.01	1	CHP	6	3571.510	-34.84	-13	Pass
3590.01	3720	1	CHP	7	3590.020	-53.26	-25	Pass
3720	3730	1	CHP	8	3729.085	-54.19	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3560.01MHz_Outer_Full_Ant1



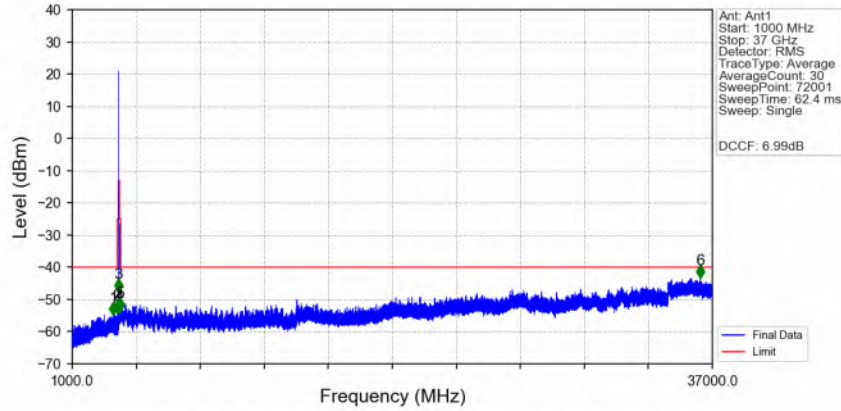
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3530.000	-48.42	-40	Pass
3530	3540	1	CHP	2	3538.100	-44.73	-25	Pass
3540	3549.01	1	CHP	3	3548.500	-35.32	-13	Pass
3549.01	3550.01	0.2	/	4	3549.700	-36.68	-13	Pass
3550.01	3570.01	0.2	/	/	/	/	/	/
3570.01	3571.01	0.2	/	5	3570.700	-36.16	-13	Pass
3571.01	3590.01	1	CHP	6	3572.500	-33.38	-13	Pass
3590.01	3720	1	CHP	7	3591.900	-52.31	-25	Pass
3720	3730	1	CHP	8	3723.100	-53.63	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_PI/2_BPSK_3624.99MHz_Edge_1RB_Left_Ant1



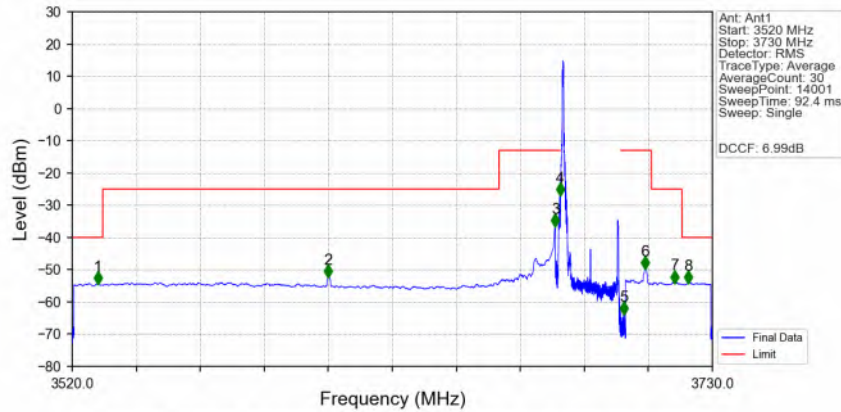
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	67.000	-47.73	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3624.99MHz_Edge_1RB_Left_Ant1



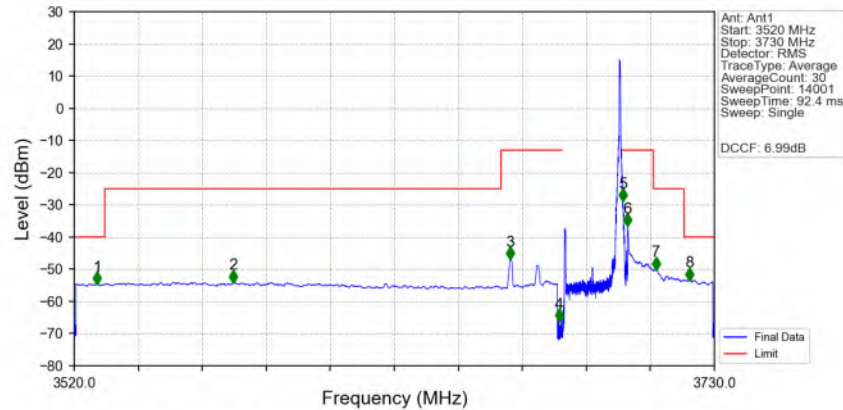
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	3309.000	-54.54	-40	Pass
3530	3594.99	1	/	2	3539.000	-53.98	-25	Pass
3594.99	3613.99	1	/	3	3606.500	-47.40	-13	Pass
3613.99	3639.99	1	/	/	/	/	/	/
3639.99	3654.99	1	/	4	3643.000	-53.85	-13	Pass
3654.99	3720	1	/	5	3696.000	-53.28	-25	Pass
3720	37000	1	/	6	36308.500	-43.09	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Edge_1RB_Left_Ant1



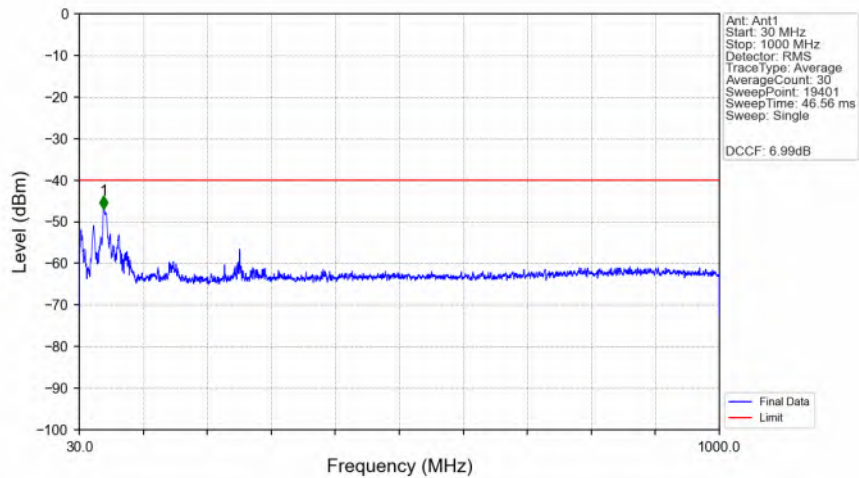
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.415	-54.23	-40	Pass
3530	3660	1	CHP	2	3603.835	-52.23	-25	Pass
3660	3679	1	CHP	3	3678.490	-36.42	-13	Pass
3679	3680	0.03	/	4	3679.990	-26.84	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.960	-63.63	-13	Pass
3701	3710	1	CHP	6	3707.875	-49.59	-13	Pass
3710	3720	1	CHP	7	3717.685	-53.89	-25	Pass
3720	3730	1	CHP	8	3722.035	-54.03	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Edge_1RB_Right_Ant1



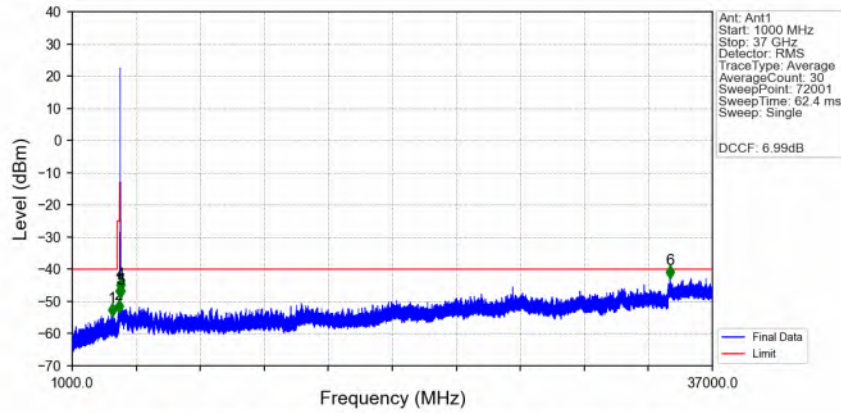
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3527.560	-54.45	-40	Pass
3530	3660	1	CHP	2	3572.245	-53.91	-25	Pass
3660	3679	1	CHP	3	3663.010	-46.81	-13	Pass
3679	3680	0.03	/	4	3679.015	-65.95	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.045	-28.58	-13	Pass
3701	3710	1	CHP	6	3701.500	-36.45	-13	Pass
3710	3720	1	CHP	7	3710.785	-49.91	-25	Pass
3720	3730	1	CHP	8	3721.780	-53.22	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Edge_1RB_Right_Ant1



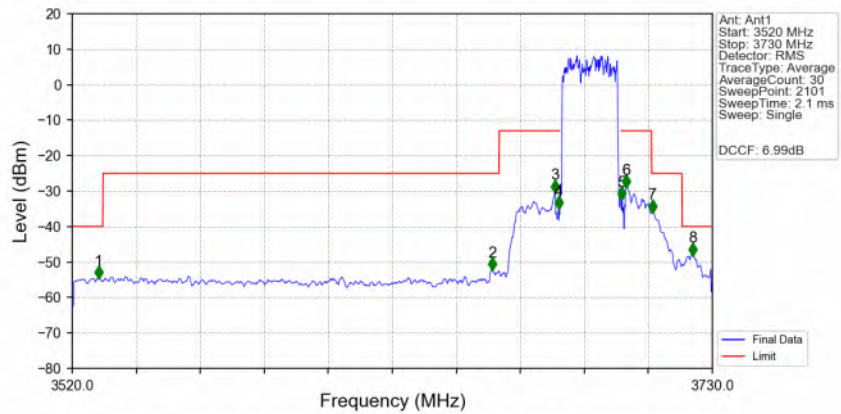
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	67.250	-46.88	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Edge_1RB_Right_Ant1



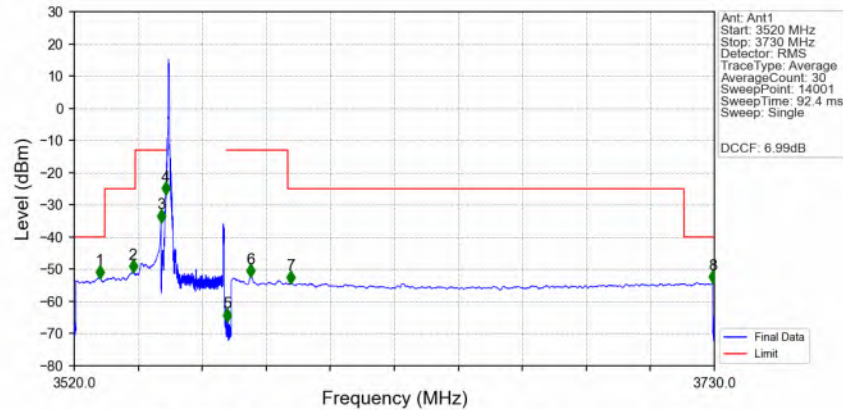
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	3530	1	/	1	3252.500	-54.28	-40	Pass
3530	3660	1	/	2	3622.500	-53.27	-25	Pass
3660	3679	1	/	3	3663.000	-48.58	-13	Pass
3679	3705	1	/	/	/	/	/	/
3705	3710	1	/	4	3707.000	-46.67	-13	Pass
3710	3720	1	/	5	3711.500	-48.57	-25	Pass
3720	37000	1	/	6	34613.500	-42.50	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM PI/2 BPSK_3690MHz_Outer_Full_Ant1



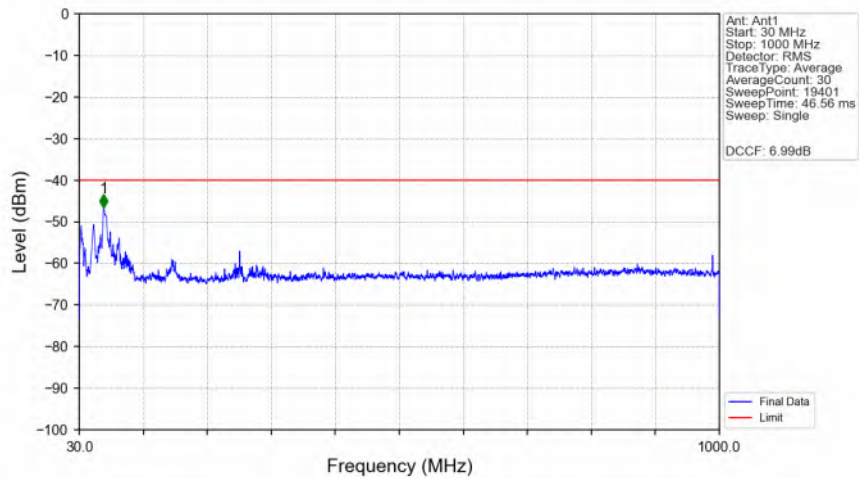
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.700	-54.41	-40	Pass
3530	3660	1	CHP	2	3657.700	-52.10	-25	Pass
3660	3679	1	CHP	3	3678.400	-30.23	-13	Pass
3679	3680	0.2	/	4	3679.500	-34.89	-13	Pass
3680	3700	0.2	/	/	/	/	/	/
3700	3701	0.2	/	5	3700.100	-32.31	-13	Pass
3701	3710	1	CHP	6	3701.600	-28.90	-13	Pass
3710	3720	1	CHP	7	3710.400	-35.79	-25	Pass
3720	3730	1	CHP	8	3723.500	-47.95	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3560.01MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.385	-52.54	-40	Pass
3530	3540	1	CHP	2	3539.245	-50.74	-25	Pass
3540	3549.01	1	CHP	3	3548.500	-35.14	-13	Pass
3549.01	3550.01	0.03	/	4	3550.000	-26.51	-13	Pass
3550.01	3570.01	0.03	/	/	/	/	/	/
3570.01	3571.01	0.03	/	5	3570.070	-65.88	-13	Pass
3571.01	3590.01	1	CHP	6	3577.780	-52.19	-13	Pass
3590.01	3720	1	CHP	7	3591.115	-54.15	-25	Pass
3720	3730	1	CHP	8	3729.490	-54.11	-40	Pass

n48_30kHz_SISO_NTNV_20MHz_DFT-s-OFDM_QPSK_3560.01MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	67.150	-46.48	-40	Pass