

Appendix B NR Band n40b

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 30_S_10M_NTNV_EIRP

5G NR n40b SCS=30kHz SISO 10MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			EIRP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2355	Edge_1RB_Left	22.29	/	/	19.59	/	/	<=23.98	Pass
		Edge_1RB_Right	22.35	/	/	19.65	/	/	<=23.98	Pass
		Outer_Full	22.22	/	/	19.52	/	/	<=23.98	Pass
		Inner_Full	23.66	/	/	20.96	/	/	<=23.98	Pass
		Inner_1RB_Left	23.88	/	/	21.18	/	/	<=23.98	Pass
DFT-s-OFDM QPSK	2355	Inner_1RB_Right	24.02	/	/	21.32	/	/	<=23.98	Pass
		Edge_1RB_Left	24.16	/	/	21.46	/	/	<=23.98	Pass
		Edge_1RB_Right	24.18	/	/	21.48	/	/	<=23.98	Pass
		Outer_Full	24.34	/	/	21.65	/	/	<=23.98	Pass
		Inner_Full	24.17	/	/	21.47	/	/	<=23.98	Pass
DFT-s-OFDM 16 QAM	2355	Inner_1RB_Left	24.36	/	/	21.66	/	/	<=23.98	Pass
		Inner_1RB_Right	24.32	/	/	21.62	/	/	<=23.98	Pass
		Edge_1RB_Left	23.25	/	/	20.55	/	/	<=23.98	Pass
		Edge_1RB_Right	23.09	/	/	20.39	/	/	<=23.98	Pass
		Outer_Full	23.23	/	/	20.53	/	/	<=23.98	Pass
DFT-s-OFDM 64 QAM	2355	Inner_Full	24.17	/	/	21.47	/	/	<=23.98	Pass
		Inner_1RB_Left	24.30	/	/	21.60	/	/	<=23.98	Pass
		Inner_1RB_Right	24.27	/	/	21.57	/	/	<=23.98	Pass
		Edge_1RB_Left	22.76	/	/	20.06	/	/	<=23.98	Pass
		Edge_1RB_Right	22.72	/	/	20.02	/	/	<=23.98	Pass
DFT-s-OFDM 256 QAM	2355	Outer_Full	22.71	/	/	20.01	/	/	<=23.98	Pass
		Inner_Full	22.73	/	/	20.03	/	/	<=23.98	Pass
		Inner_1RB_Left	22.79	/	/	20.09	/	/	<=23.98	Pass
		Inner_1RB_Right	22.67	/	/	19.97	/	/	<=23.98	Pass
		Edge_1RB_Left	20.61	/	/	17.91	/	/	<=23.98	Pass
CP-OFDM QPSK	2355	Edge_1RB_Right	20.61	/	/	17.91	/	/	<=23.98	Pass
		Outer_Full	20.71	/	/	18.01	/	/	<=23.98	Pass
		Inner_Full	20.66	/	/	17.96	/	/	<=23.98	Pass
		Inner_1RB_Left	20.63	/	/	17.93	/	/	<=23.98	Pass
		Inner_1RB_Right	20.65	/	/	17.95	/	/	<=23.98	Pass
CP-OFDM 16 QAM	2355	Edge_1RB_Left	22.40	/	/	19.70	/	/	<=23.98	Pass
		Edge_1RB_Right	22.32	/	/	19.62	/	/	<=23.98	Pass
		Outer_Full	22.20	/	/	19.50	/	/	<=23.98	Pass
		Inner_Full	23.67	/	/	20.97	/	/	<=23.98	Pass
		Inner_1RB_Left	23.85	/	/	21.15	/	/	<=23.98	Pass
CP-OFDM 64 QAM	2355	Inner_1RB_Right	23.98	/	/	21.28	/	/	<=23.98	Pass
		Edge_1RB_Left	22.41	/	/	19.71	/	/	<=23.98	Pass
		Edge_1RB_Right	22.40	/	/	19.70	/	/	<=23.98	Pass
		Outer_Full	22.23	/	/	19.53	/	/	<=23.98	Pass
		Inner_Full	22.96	/	/	20.26	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2355	Inner_1RB_Left	23.37	/	/	20.67	/	/	<=23.98	Pass
		Inner_1RB_Right	23.49	/	/	20.79	/	/	<=23.98	Pass
		Edge_1RB_Left	21.84	/	/	19.14	/	/	<=23.98	Pass
		Edge_1RB_Right	21.84	/	/	19.15	/	/	<=23.98	Pass
CP-OFDM 512 QAM	2355	Outer_Full	21.76	/	/	19.06	/	/	<=23.98	Pass
		Inner_Full	21.73	/	/	19.03	/	/	<=23.98	Pass

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		Inner_1RB_Left	21.91	/	/	19.21	/	/	<=23.98	Pass
		Inner_1RB_Right	21.92	/	/	19.22	/	/	<=23.98	Pass
CP-OFDM 256 QAM	2355	Edge_1RB_Left	18.62	/	/	15.92	/	/	<=23.98	Pass
		Edge_1RB_Right	18.50	/	/	15.80	/	/	<=23.98	Pass
		Outer_Full	18.75	/	/	16.05	/	/	<=23.98	Pass
		Inner_Full	18.60	/	/	15.90	/	/	<=23.98	Pass
		Inner_1RB_Left	18.67	/	/	15.97	/	/	<=23.98	Pass
		Inner_1RB_Right	18.56	/	/	15.86	/	/	<=23.98	Pass
		Note1: Antenna Gain: Ant1: -2.70dBi; Note2: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 30_S_10M

5G NR n40b SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM PI/2 BPSK	2355	Outer_Full	20	LV	-15.59	-0.0066	>=-2.5 & <=2.5	Pass
				HV	-5.65	-0.0024	>=-2.5 & <=2.5	Pass
			-30	NV	3.28	0.0014	>=-2.5 & <=2.5	Pass
			-20	NV	-6.60	-0.0028	>=-2.5 & <=2.5	Pass
			-10	NV	-17.58	-0.0075	>=-2.5 & <=2.5	Pass
			0	NV	-5.89	-0.0025	>=-2.5 & <=2.5	Pass
			10	NV	-16.46	-0.0070	>=-2.5 & <=2.5	Pass
			20	NV	-10.07	-0.0043	>=-2.5 & <=2.5	Pass
			30	NV	-17.45	-0.0074	>=-2.5 & <=2.5	Pass
			40	NV	-11.79	-0.0050	>=-2.5 & <=2.5	Pass
DFT-s-OFDM QPSK	2355	Outer_Full	20	LV	-14.68	-0.0062	>=-2.5 & <=2.5	Pass
				HV	-6.19	-0.0026	>=-2.5 & <=2.5	Pass
			-30	NV	-0.17	-0.0001	>=-2.5 & <=2.5	Pass
			-20	NV	-13.67	-0.0058	>=-2.5 & <=2.5	Pass
			-10	NV	-16.32	-0.0069	>=-2.5 & <=2.5	Pass
			0	NV	-11.35	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-4.99	-0.0021	>=-2.5 & <=2.5	Pass
			20	NV	-2.01	-0.0009	>=-2.5 & <=2.5	Pass
			30	NV	-12.36	-0.0052	>=-2.5 & <=2.5	Pass
			40	NV	-14.53	-0.0062	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 16 QAM	2355	Outer_Full	20	LV	-11.32	-0.0048	>=-2.5 & <=2.5	Pass
				HV	-11.00	-0.0047	>=-2.5 & <=2.5	Pass
			-30	NV	-10.28	-0.0044	>=-2.5 & <=2.5	Pass
			-20	NV	-13.34	-0.0057	>=-2.5 & <=2.5	Pass
			-10	NV	-4.92	-0.0021	>=-2.5 & <=2.5	Pass
			0	NV	-11.22	-0.0048	>=-2.5 & <=2.5	Pass
			10	NV	-16.91	-0.0072	>=-2.5 & <=2.5	Pass
			20	NV	-7.89	-0.0034	>=-2.5 & <=2.5	Pass
			30	NV	-6.71	-0.0028	>=-2.5 & <=2.5	Pass
			40	NV	2.60	0.0011	>=-2.5 & <=2.5	Pass
DFT-s-OFDM 64 QAM	2355	Outer_Full	20	LV	-10.36	-0.0044	>=-2.5 & <=2.5	Pass
				HV	-13.98	-0.0059	>=-2.5 & <=2.5	Pass
			-30	NV	-4.90	-0.0021	>=-2.5 & <=2.5	Pass
			-20	NV	-7.26	-0.0031	>=-2.5 & <=2.5	Pass
			-10	NV	-11.84	-0.0050	>=-2.5 & <=2.5	Pass
			0	NV	-4.72	-0.0020	>=-2.5 & <=2.5	Pass
			10	NV	-7.28	-0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-22.79	-0.0097	>=-2.5 & <=2.5	Pass



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			30	NV	-9.19	-0.0039	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.28	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-12.81	-0.0054	≥ -2.5 & ≤ 2.5	Pass
DFT-s-OFDM 256 QAM	2355	Outer_Full	20	LV	-8.10	-0.0034	≥ -2.5 & ≤ 2.5	Pass
				HV	-12.66	-0.0054	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-11.04	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-9.94	-0.0042	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-9.44	-0.0040	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-13.13	-0.0056	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-0.52	-0.0002	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-2.35	-0.0010	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.85	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.18	-0.0052	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.59	-0.0036	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM QPSK	2355	Outer_Full	20	LV	-13.13	-0.0056	≥ -2.5 & ≤ 2.5	Pass
				HV	1.76	0.0007	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-16.53	-0.0070	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-3.21	-0.0014	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-5.13	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-15.06	-0.0064	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-8.51	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-15.47	-0.0066	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-5.03	-0.0021	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-12.38	-0.0053	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-11.05	-0.0047	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 16 QAM	2355	Outer_Full	20	LV	-1.00	-0.0004	≥ -2.5 & ≤ 2.5	Pass
				HV	1.27	0.0005	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-9.62	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.93	-0.0025	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.76	-0.0046	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-8.56	-0.0036	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-13.64	-0.0058	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-11.18	-0.0047	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-13.36	-0.0057	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-15.55	-0.0066	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-4.02	-0.0017	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 64 QAM	2355	Outer_Full	20	LV	-0.04	0.0000	≥ -2.5 & ≤ 2.5	Pass
				HV	0.41	0.0002	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-17.19	-0.0073	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-5.17	-0.0022	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-4.50	-0.0019	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-4.64	-0.0020	≥ -2.5 & ≤ 2.5	Pass
			10	NV	-7.87	-0.0033	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-10.29	-0.0044	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-6.41	-0.0027	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-11.82	-0.0050	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-8.87	-0.0038	≥ -2.5 & ≤ 2.5	Pass
CP-OFDM 256 QAM	2355	Outer_Full	20	LV	-5.60	-0.0024	≥ -2.5 & ≤ 2.5	Pass
				HV	0.18	0.0001	≥ -2.5 & ≤ 2.5	Pass
			-30	NV	-12.55	-0.0053	≥ -2.5 & ≤ 2.5	Pass
			-20	NV	-14.71	-0.0062	≥ -2.5 & ≤ 2.5	Pass
			-10	NV	-10.10	-0.0043	≥ -2.5 & ≤ 2.5	Pass
			0	NV	-6.04	-0.0026	≥ -2.5 & ≤ 2.5	Pass
			10	NV	0.28	0.0001	≥ -2.5 & ≤ 2.5	Pass
			20	NV	-3.75	-0.0016	≥ -2.5 & ≤ 2.5	Pass
			30	NV	-9.62	-0.0041	≥ -2.5 & ≤ 2.5	Pass
			40	NV	-3.12	-0.0013	≥ -2.5 & ≤ 2.5	Pass
			50	NV	-1.52	-0.0006	≥ -2.5 & ≤ 2.5	Pass



3. 99% & 26dB Bandwidth

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3.1 Test Result

3.1.1 30_S_10M_NTNV

5G NR n40b 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	2355	Outer_Full	8.60	9.89	/	Pass
DFT-s-OFDM QPSK	2355	Outer_Full	8.62	9.62	/	Pass
DFT-s-OFDM 16 QAM	2355	Outer_Full	8.58	9.64	/	Pass
DFT-s-OFDM 64 QAM	2355	Outer_Full	8.59	9.63	/	Pass
DFT-s-OFDM 256 QAM	2355	Outer_Full	8.59	9.63	/	Pass
CP-OFDM QPSK	2355	Outer_Full	8.61	9.82	/	Pass
CP-OFDM 16 QAM	2355	Outer_Full	8.57	9.61	/	Pass
CP-OFDM 64 QAM	2355	Outer_Full	8.60	9.64	/	Pass
CP-OFDM 256 QAM	2355	Outer_Full	8.59	9.80	/	Pass

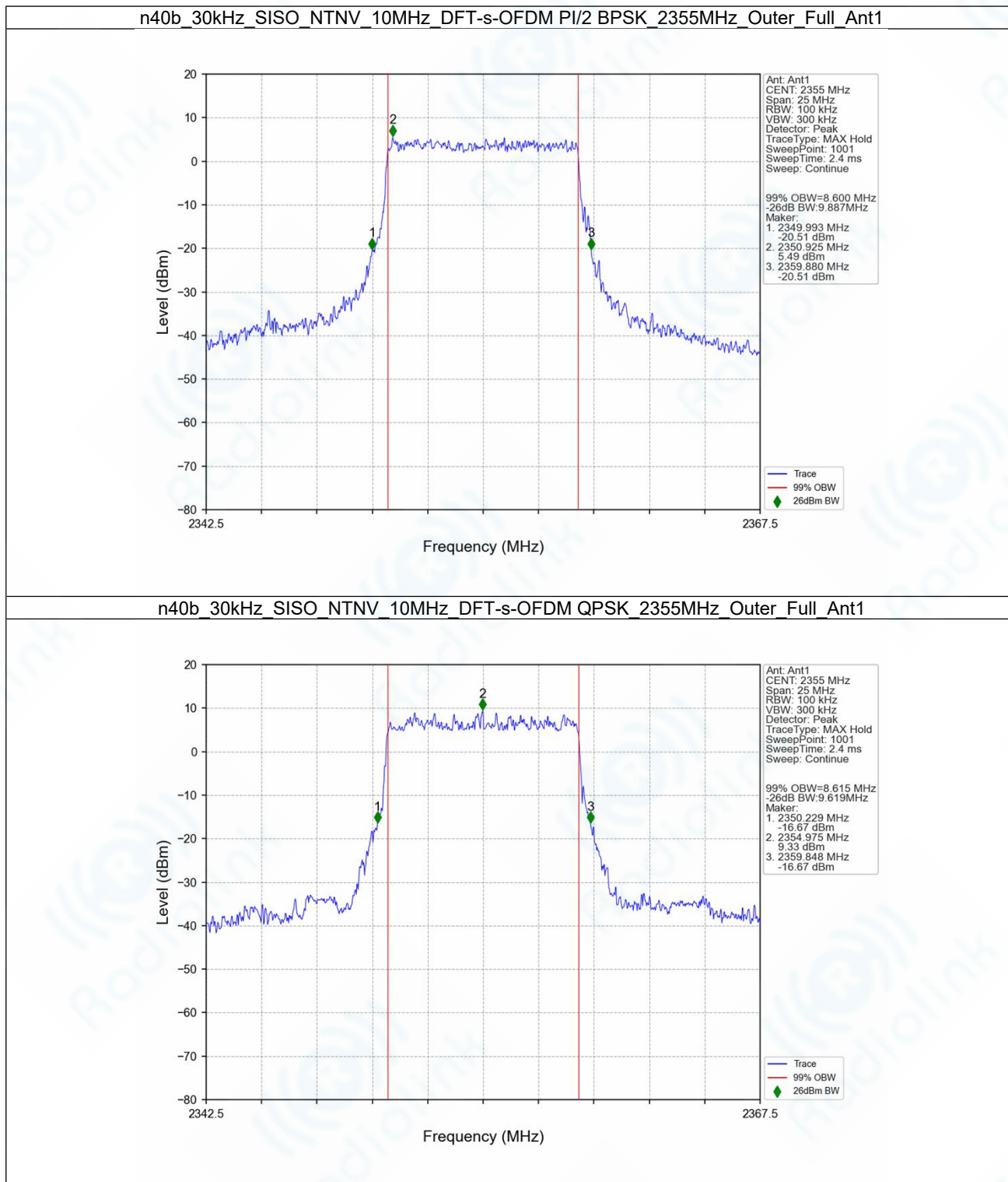


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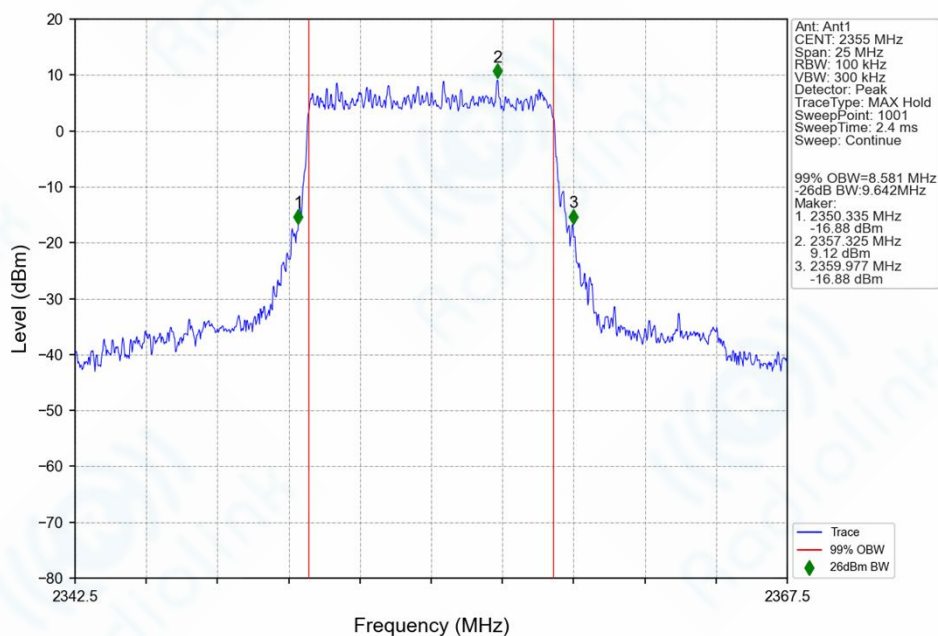
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3.2 Test Graph

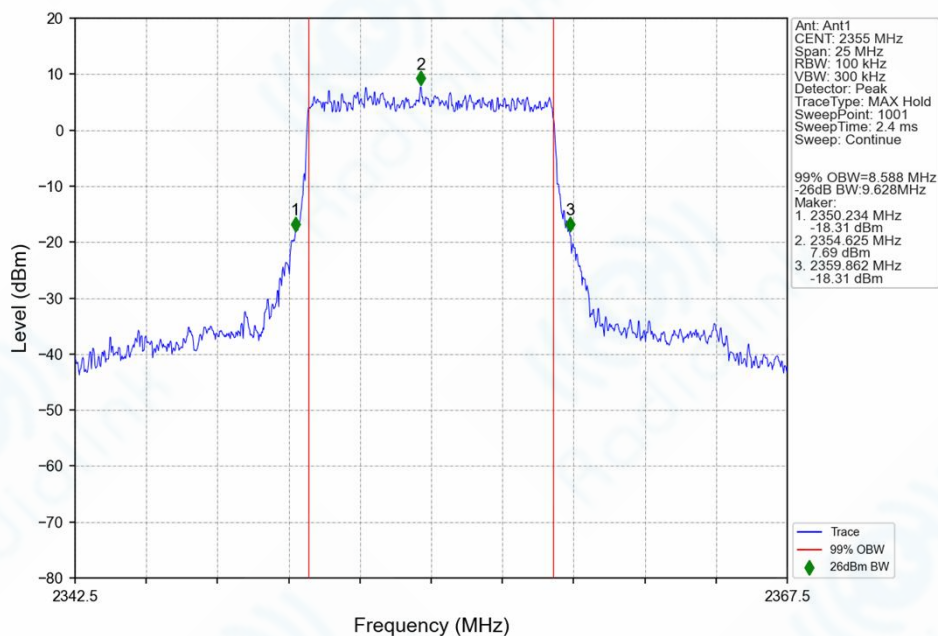
3.2.1 30_S_10M_NTNV



n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16 QAM_2355MHz_Outer_Full_Ant1



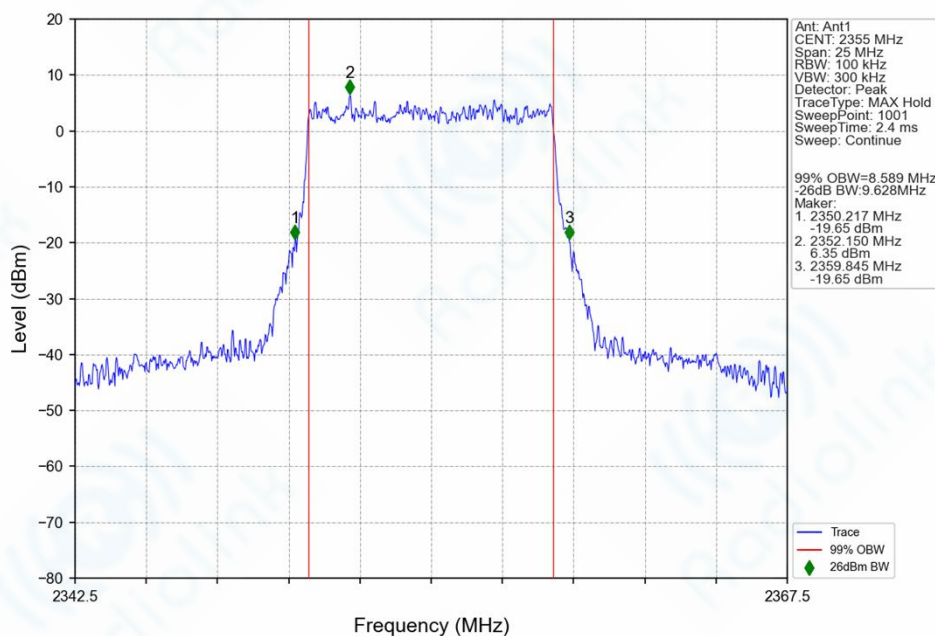
n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64 QAM_2355MHz_Outer_Full_Ant1


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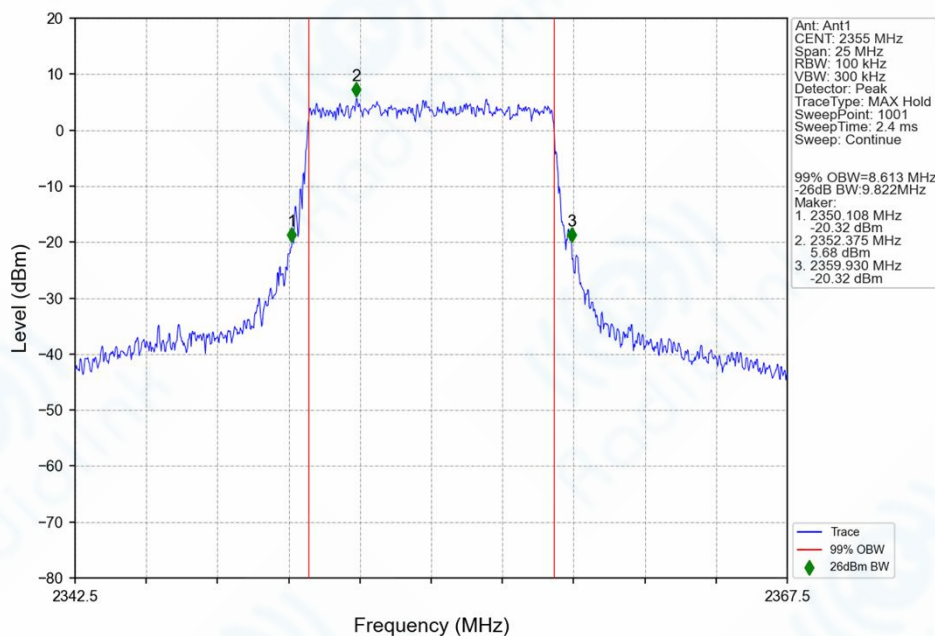
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n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2355MHz_Outer_Full_Ant1



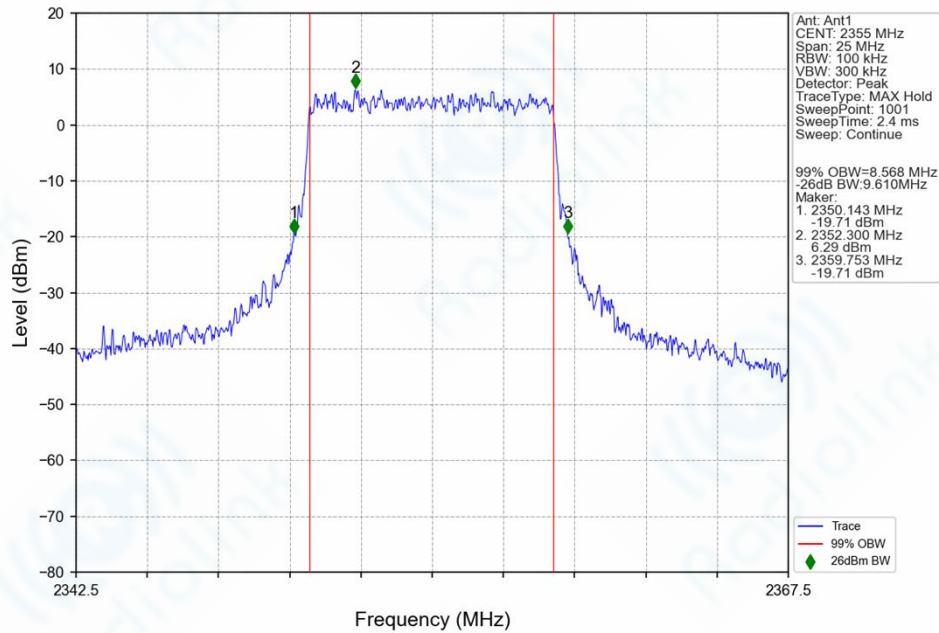
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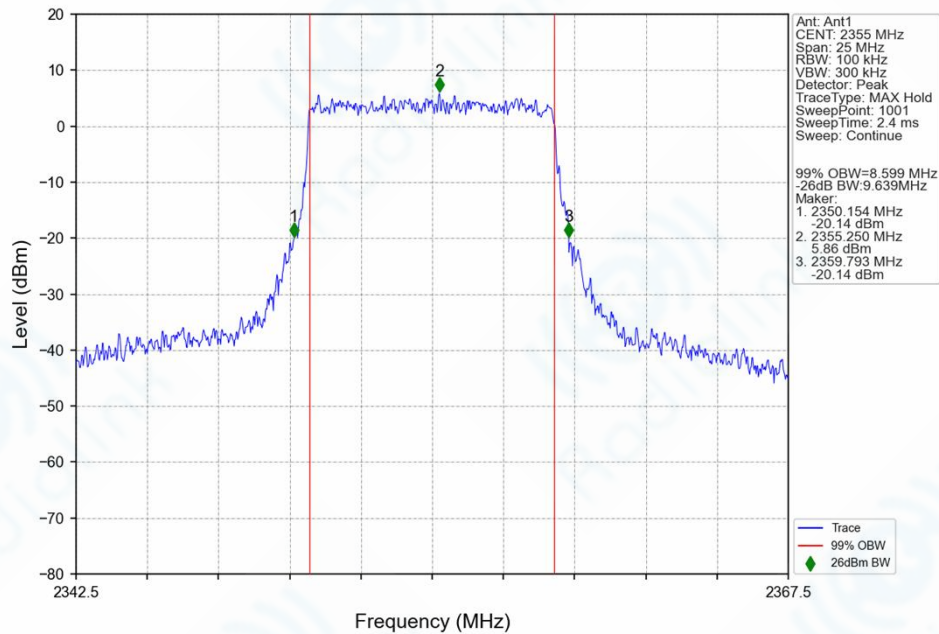
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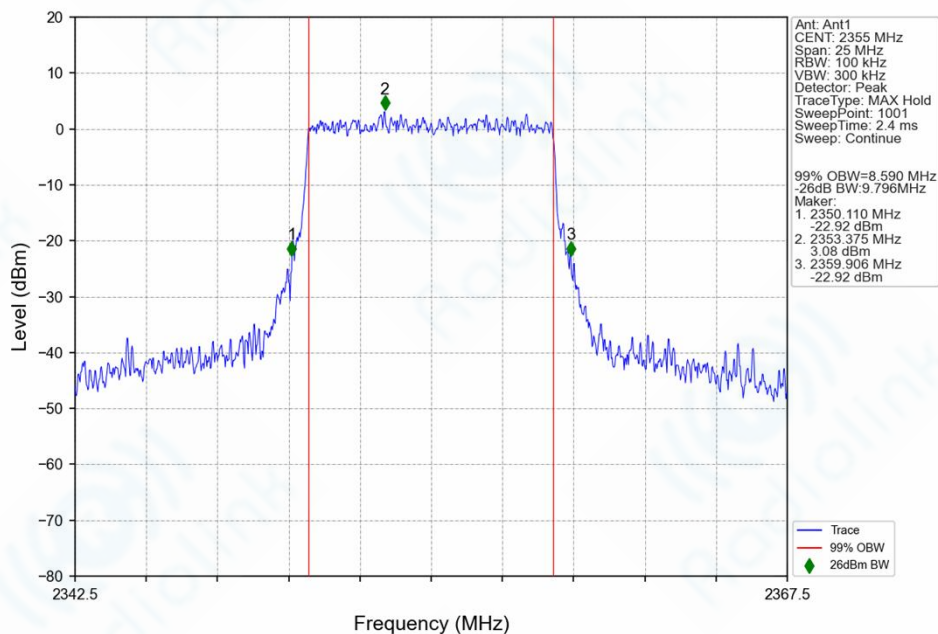
n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM 16 QAM 2355MHz_Outer_Full_Ant1



n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM 2355MHz_Outer_Full_Ant1



n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_256_QAM_2355MHz_Outer_Full_Ant1


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4. Peak-Average Ratio

4.1 Test Result

4.1.1 30_S_10M_NTNV

5G NR n40b SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2355	Outer_Full	10.51	/	/	<=13	Pass
DFT-s-OFDM QPSK	2355	Outer_Full	11.11	/	/	<=13	Pass
DFT-s-OFDM 16 QAM	2355	Outer_Full	12.47	/	/	<=13	Pass
DFT-s-OFDM 64 QAM	2355	Outer_Full	12.57	/	/	<=13	Pass
DFT-s-OFDM 256 QAM	2355	Outer_Full	12.82	/	/	<=13	Pass
CP-OFDM QPSK	2355	Outer_Full	8.48	/	/	<=13	Pass
CP-OFDM 16 QAM	2355	Outer_Full	12.46	/	/	<=13	Pass
CP-OFDM 64 QAM	2355	Outer_Full	12.28	/	/	<=13	Pass
CP-OFDM 256 QAM	2355	Outer_Full	12.57	/	/	<=13	Pass

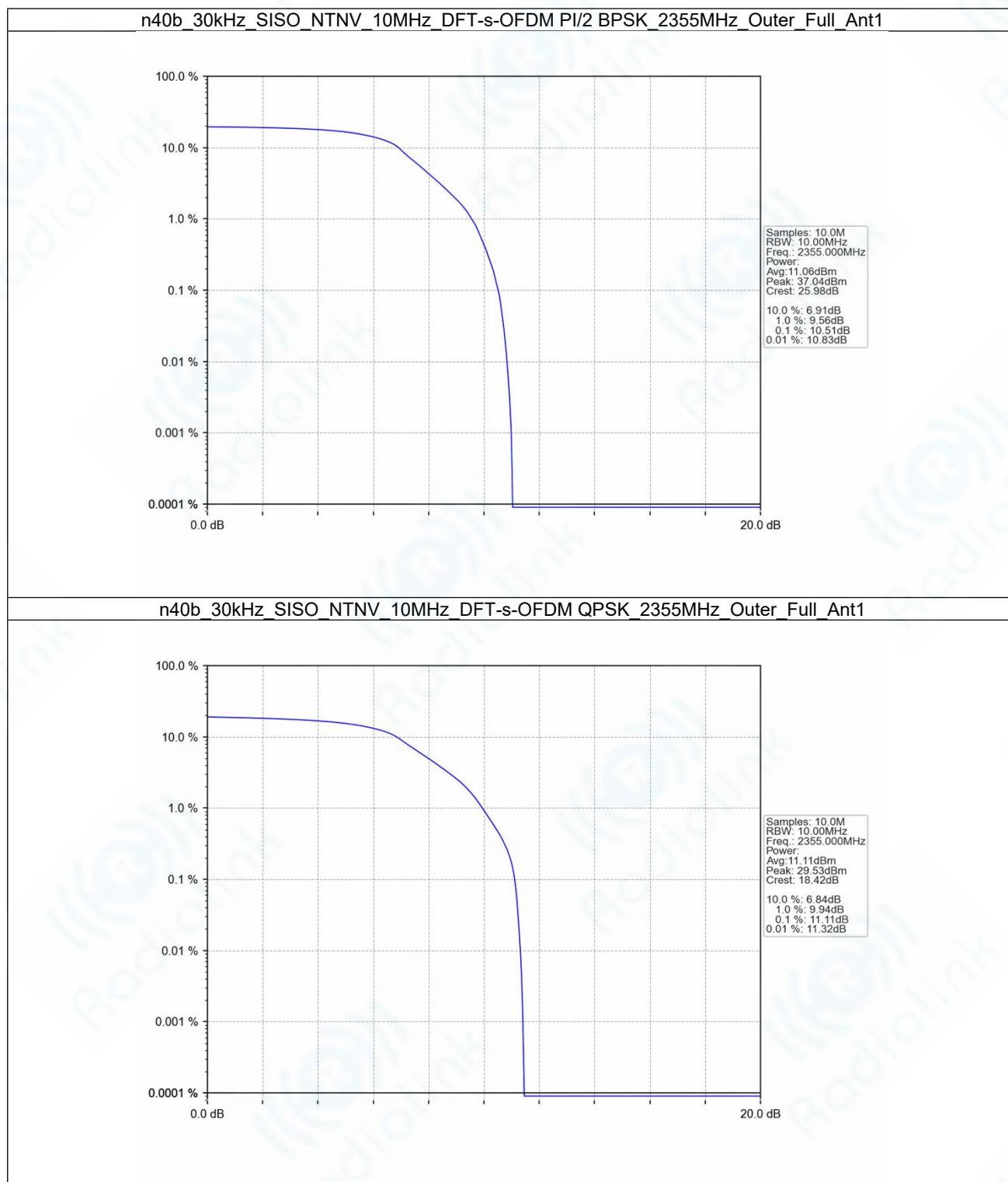


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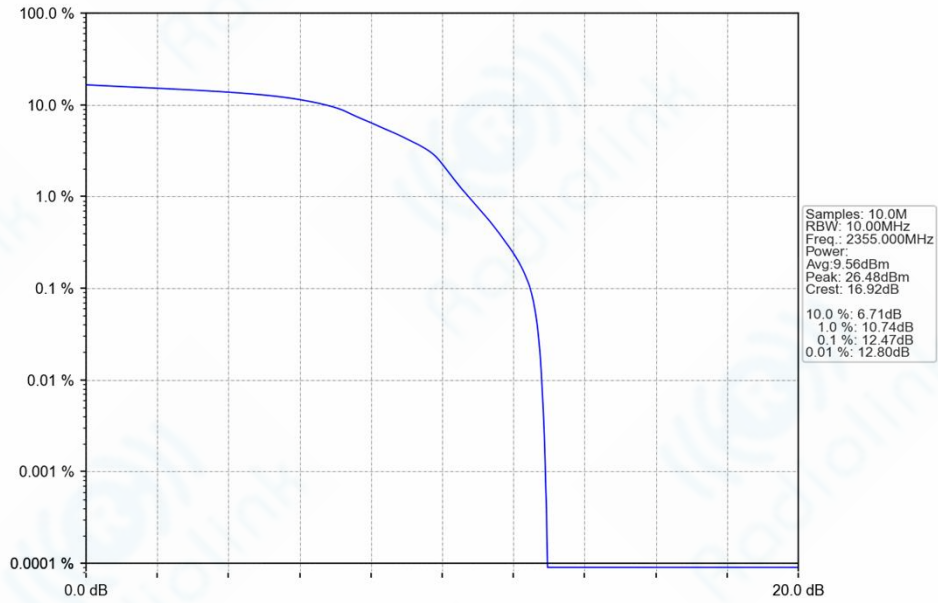
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4.2 Test Graph

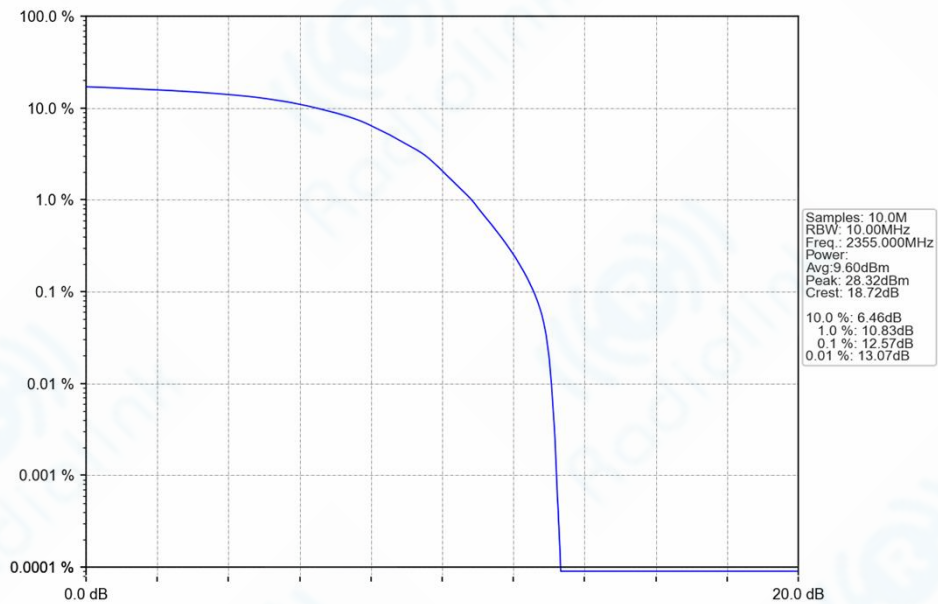
4.2.1 30_S_10M_NTNV



n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_16_QAM_2355MHz_Outer_Full_Ant1



n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_64_QAM_2355MHz_Outer_Full_Ant1

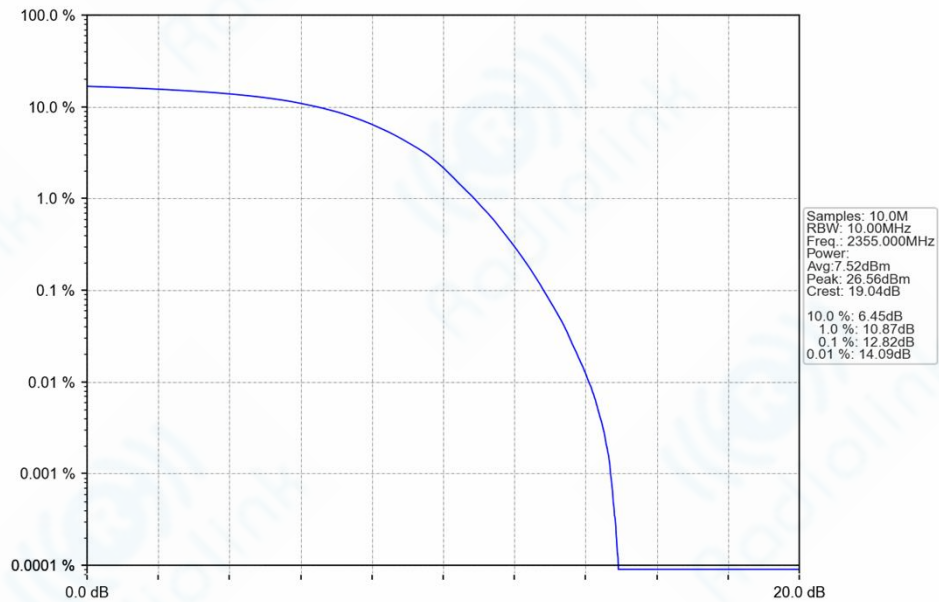


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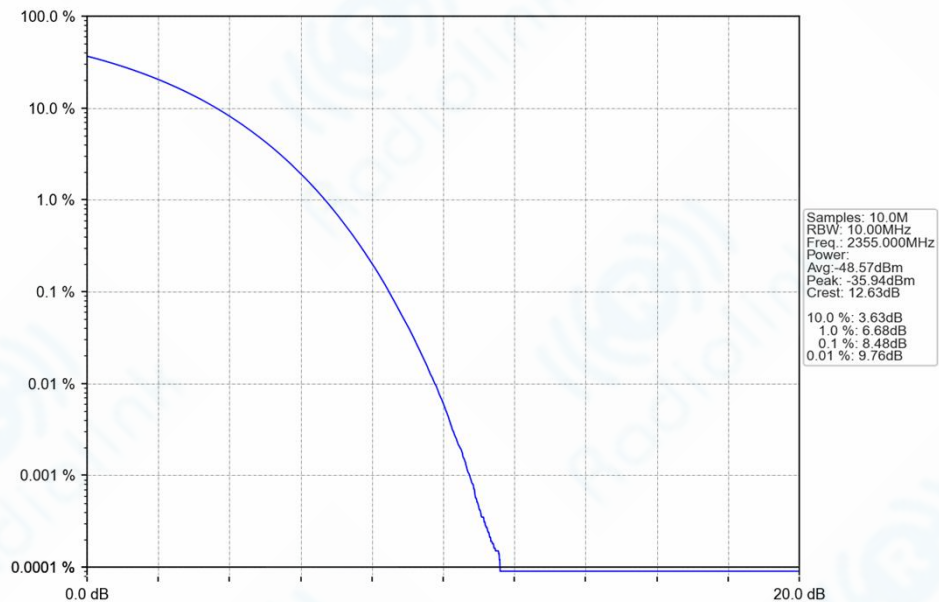
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n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_2355MHz_Outer_Full_Ant1



n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Outer_Full_Ant1

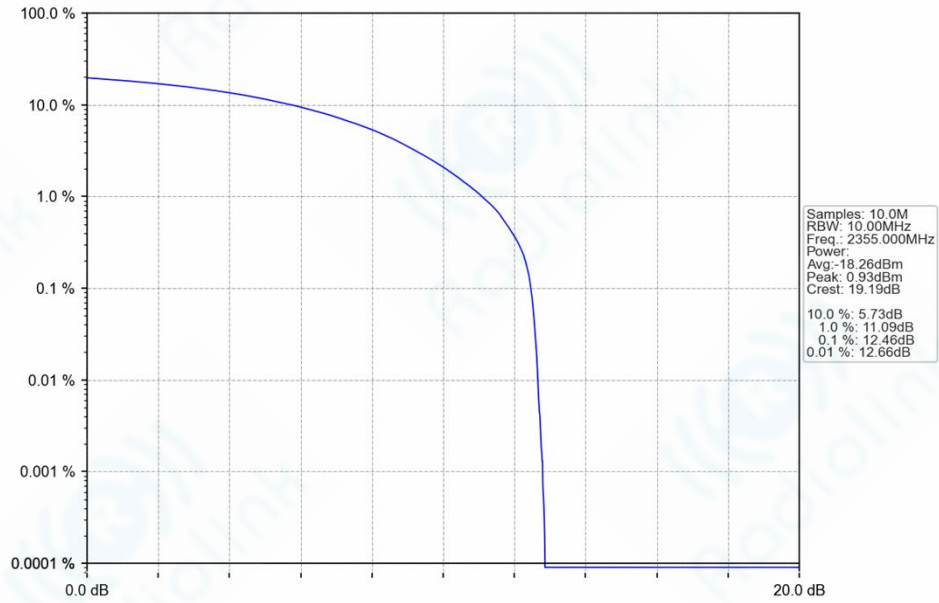


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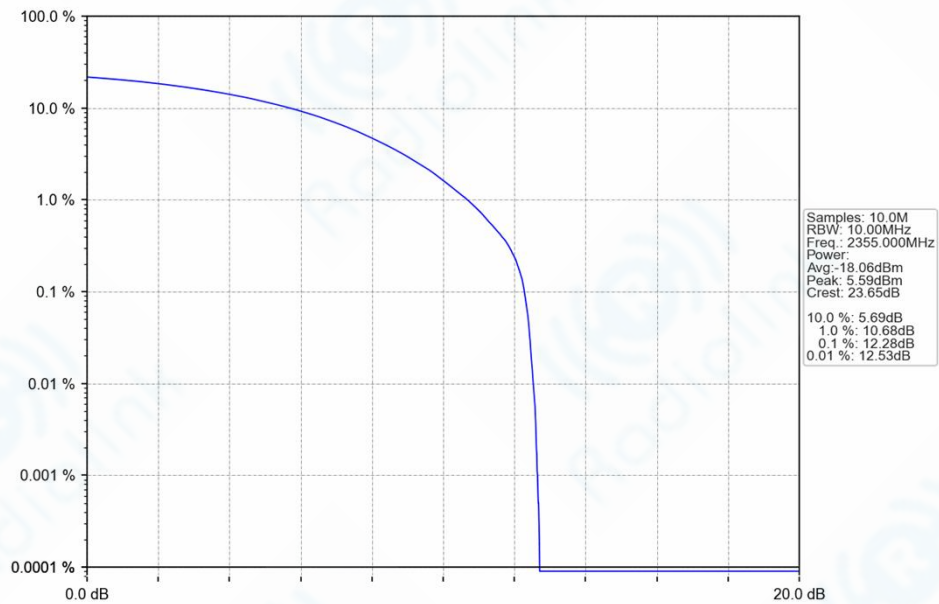
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District,
Shenzhen, Guangdong Province, China

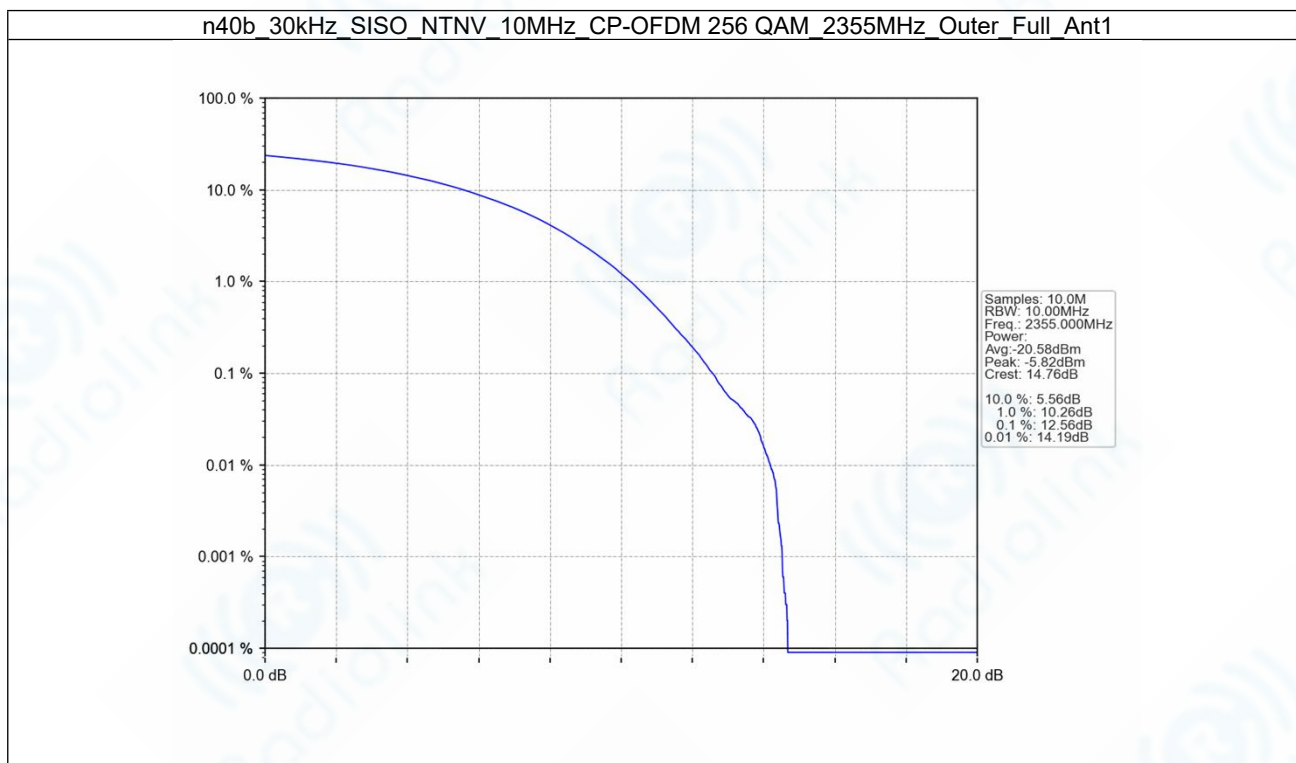
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n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_16 QAM_2355MHz_Outer_Full_Ant1



n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_64 QAM_2355MHz_Outer_Full_Ant1





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5. Spurious Emission

5.1 Test Result

5.1.1 30_S_10M_NTNV

5G NR n40b SCS=30kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	2355	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	2355	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
DFT-s-OFDM QPSK	2355	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	2355	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass
CP-OFDM QPSK	2355	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Left	Refer To Test Graph				Pass
	2355	Edge_1RB_Right	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
		Inner_1RB_Right	Refer To Test Graph				Pass

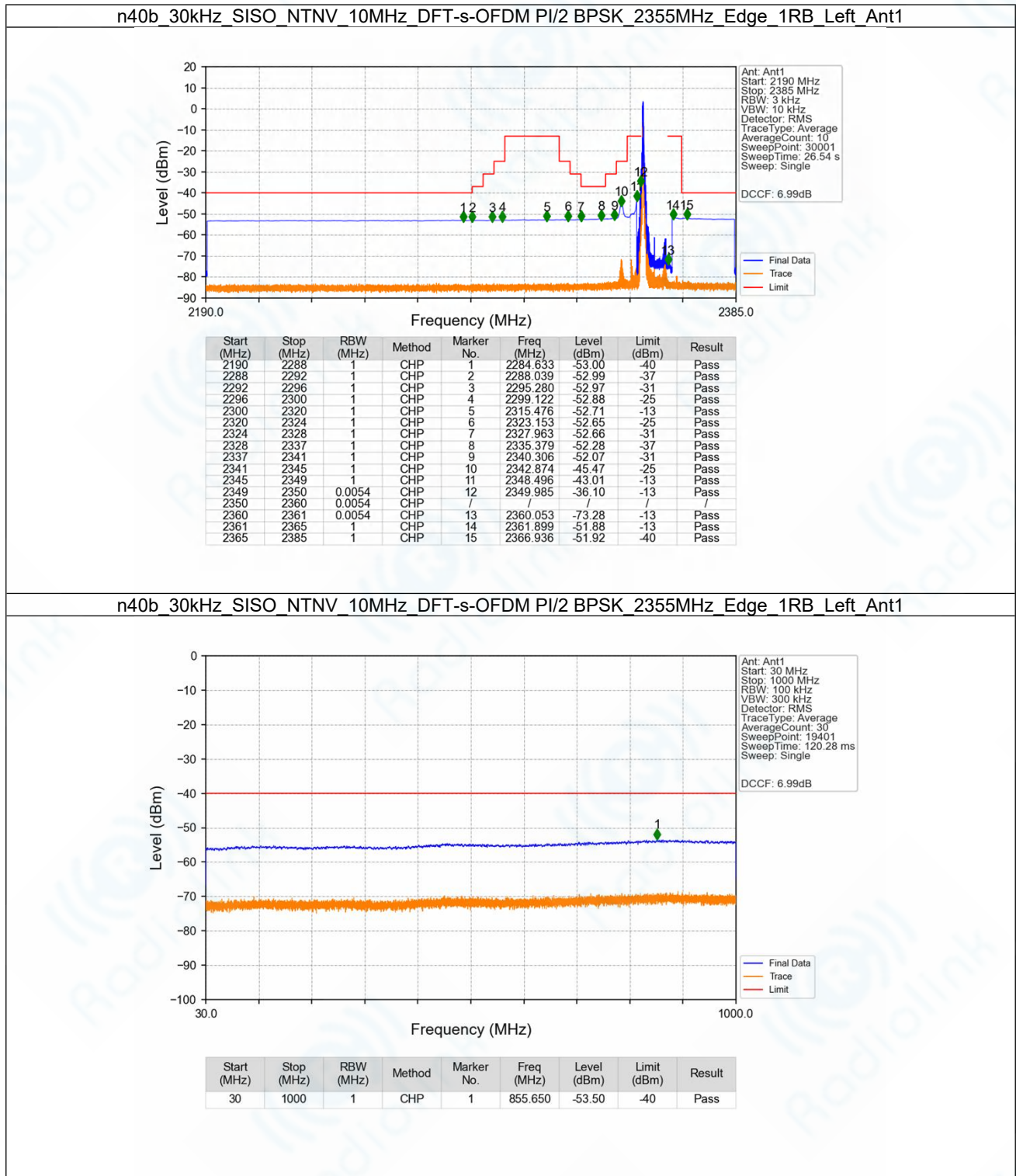


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5.2 Test Graph

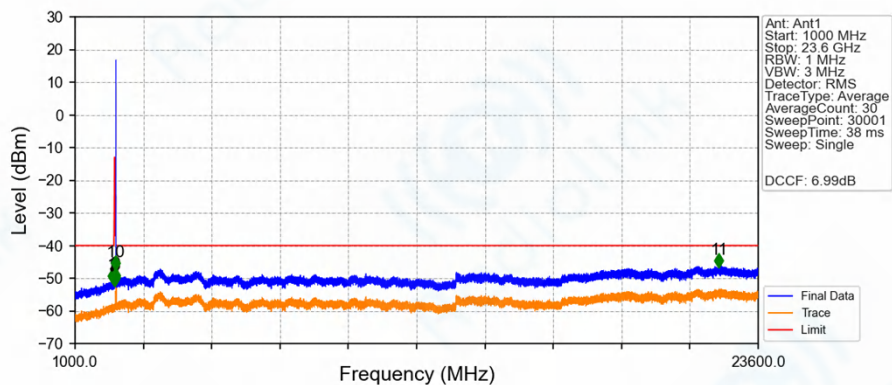
5.2.1 30_S_10M_NTNV



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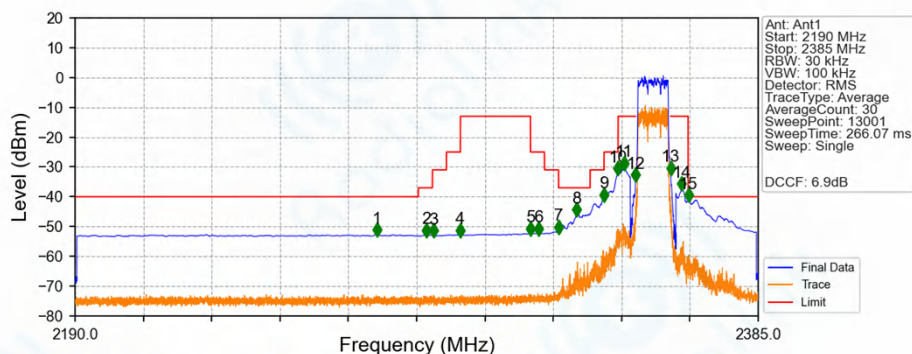
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n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2355MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2221.907	-50.87	-40	Pass
2288	2292	1	/	2	2290.460	-51.25	-37	Pass
2292	2296	1	/	3	2294.980	-51.68	-31	Pass
2296	2300	1	/	4	2299.500	-51.72	-25	Pass
2300	2320	1	/	5	2305.527	-50.93	-13	Pass
2320	2324	1	/	6	2320.593	-51.26	-25	Pass
2324	2328	1	/	7	2325.867	-51.37	-31	Pass
2328	2337	1	/	8	2335.660	-50.90	-37	Pass
2337	2341	1	/	9	2340.933	-50.54	-31	Pass
2341	2345	1	/	10	2342.440	-46.98	-25	Pass
2345	2365	1	/	/	/	/	/	/
2365	23600	1	/	11	22304.267	-46.22	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2355MHz_Outer_Full_Ant1

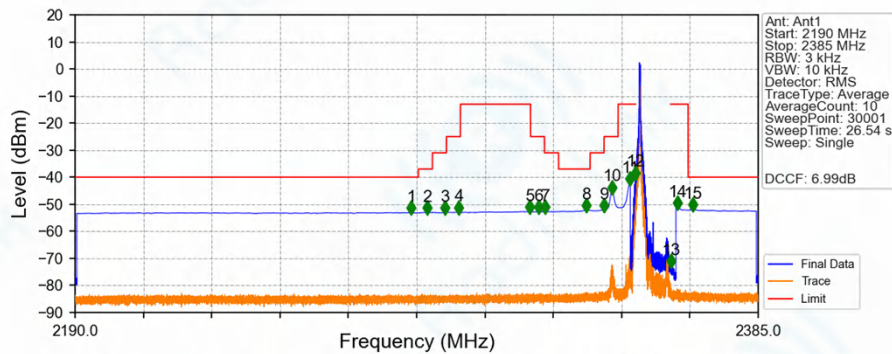


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2276.160	-52.68	-40	Pass
2288	2292	1	CHP	2	2290.275	-52.77	-37	Pass
2292	2296	1	CHP	3	2292.270	-52.85	-31	Pass
2296	2300	1	CHP	4	2299.920	-52.74	-25	Pass
2300	2320	1	CHP	5	2319.885	-52.28	-13	Pass
2320	2324	1	CHP	6	2322.360	-52.23	-25	Pass
2324	2328	1	CHP	7	2328.000	-51.74	-31	Pass
2328	2337	1	CHP	8	2333.235	-45.79	-37	Pass
2337	2341	1	CHP	9	2340.945	-40.88	-31	Pass
2341	2345	1	CHP	10	2344.995	-31.97	-25	Pass
2345	2349	1	CHP	11	2346.750	-30.27	-13	Pass
2349	2350	0.09887	CHP	12	2349.990	-34.23	-13	Pass
2350	2360	/	/	/	/	/	/	/
2360	2361	0.09887	CHP	13	2360.010	-31.92	-13	Pass
2361	2365	1	CHP	14	2363.190	-37.26	-13	Pass
2365	2385	1	CHP	15	2365.110	-41.04	-40	Pass

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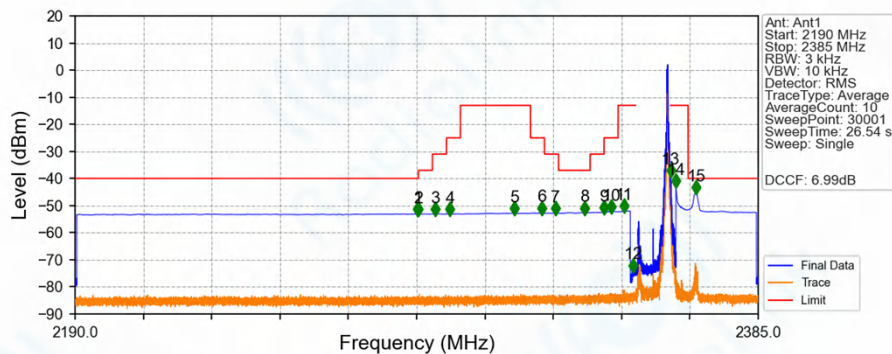
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n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2355MHz_Inner_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2285.959	-53.04	-40	Pass
2288	2292	1	CHP	2	2290.483	-53.03	-37	Pass
2292	2296	1	CHP	3	2295.482	-52.97	-31	Pass
2296	2300	1	CHP	4	2299.512	-52.91	-25	Pass
2300	2320	1	CHP	5	2319.773	-52.71	-13	Pass
2320	2324	1	CHP	6	2322.210	-52.68	-25	Pass
2324	2328	1	CHP	7	2324.238	-52.69	-31	Pass
2328	2337	1	CHP	8	2335.873	-52.14	-37	Pass
2337	2341	1	CHP	9	2340.956	-52.10	-31	Pass
2341	2345	1	CHP	10	2343.341	-45.40	-25	Pass
2345	2349	1	CHP	11	2348.450	-42.40	-13	Pass
2349	2350	0.0054	CHP	12	2349.939	-40.09	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.079	-72.76	-13	Pass
2361	2365	1	CHP	14	2362.042	-51.32	-13	Pass
2365	2385	1	CHP	15	2366.423	-51.91	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2355MHz_Edge_1RB_Right_Ant1



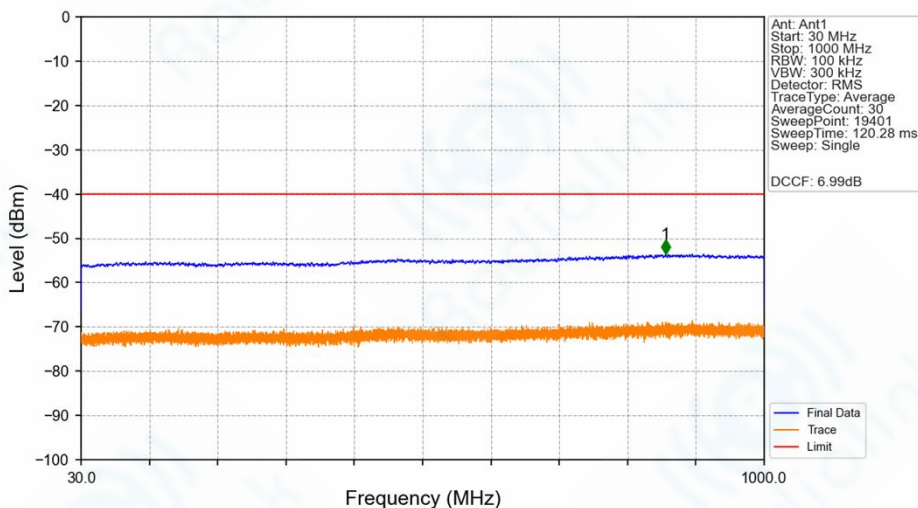
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.805	-52.97	-40	Pass
2288	2292	1	CHP	2	2288.001	-53.03	-37	Pass
2292	2296	1	CHP	3	2292.758	-52.98	-31	Pass
2296	2300	1	CHP	4	2297.016	-52.98	-25	Pass
2300	2320	1	CHP	5	2315.359	-52.75	-13	Pass
2320	2324	1	CHP	6	2323.211	-52.63	-25	Pass
2324	2328	1	CHP	7	2327.195	-52.70	-31	Pass
2328	2337	1	CHP	8	2335.515	-52.61	-37	Pass
2337	2341	1	CHP	9	2340.963	-52.45	-31	Pass
2341	2345	1	CHP	10	2343.049	-52.09	-25	Pass
2345	2349	1	CHP	11	2346.650	-51.91	-13	Pass
2349	2350	0.0054	CHP	12	2349.347	-73.74	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.001	-38.72	-13	Pass
2361	2365	1	CHP	14	2361.503	-42.68	-13	Pass
2365	2385	1	CHP	15	2367.255	-45.07	-40	Pass

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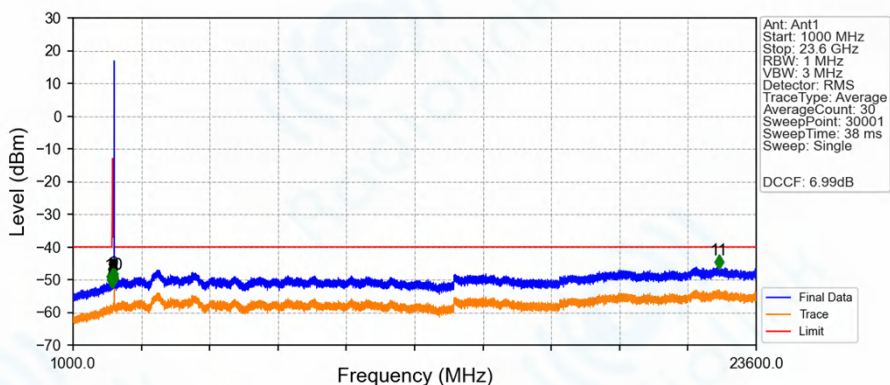
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n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2355MHz_Edge_1RB_Right_Ant1



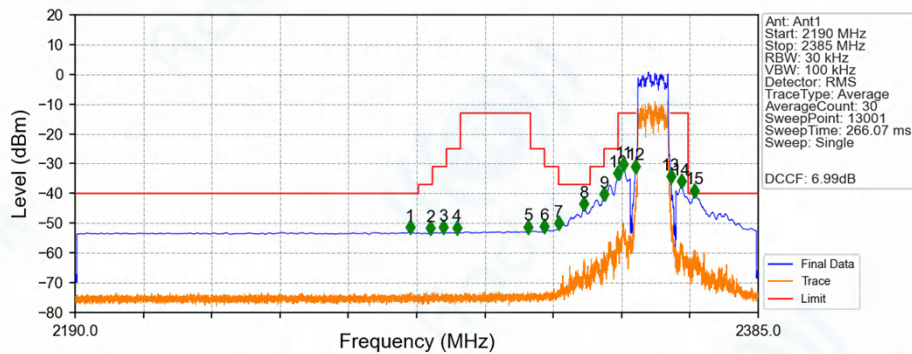
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	859.900	-53.51	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2355MHz_Edge_1RB_Right_Ant1



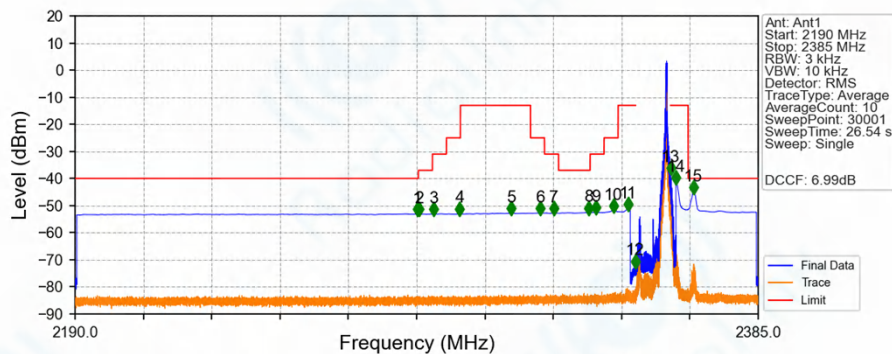
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2257.313	-50.65	-40	Pass
2288	2292	1	/	2	2288.953	-51.83	-37	Pass
2292	2296	1	/	3	2294.227	-51.66	-31	Pass
2296	2300	1	/	4	2297.993	-51.61	-25	Pass
2300	2320	1	/	5	2311.553	-51.01	-13	Pass
2320	2324	1	/	6	2320.593	-51.53	-25	Pass
2324	2328	1	/	7	2324.360	-51.29	-31	Pass
2328	2337	1	/	8	2335.660	-51.16	-37	Pass
2337	2341	1	/	9	2339.427	-49.96	-31	Pass
2341	2345	1	/	10	2344.700	-50.53	-25	Pass
2345	2365	1	/	/	/	/	/	/
2365	23600	1	/	11	22371.313	-46.09	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2355MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2285.550	-52.97	-40	Pass
2288	2292	1	CHP	2	2291.475	-53.13	-37	Pass
2292	2296	1	CHP	3	2295.000	-52.98	-31	Pass
2296	2300	1	CHP	4	2298.975	-53.08	-25	Pass
2300	2320	1	CHP	5	2319.360	-52.72	-13	Pass
2320	2324	1	CHP	6	2323.980	-52.64	-25	Pass
2324	2328	1	CHP	7	2328.000	-51.59	-31	Pass
2328	2337	1	CHP	8	2335.200	-45.13	-37	Pass
2337	2341	1	CHP	9	2340.960	-41.87	-31	Pass
2341	2345	1	CHP	10	2344.995	-34.82	-25	Pass
2345	2349	1	CHP	11	2346.600	-31.80	-13	Pass
2349	2350	0.09796	CHP	12	2349.990	-32.48	-13	Pass
2350	2360	0.09796	CHP	/	/	/	/	/
2360	2361	0.09796	CHP	13	2360.010	-35.78	-13	Pass
2361	2365	1	CHP	14	2363.055	-37.54	-13	Pass
2365	2385	1	CHP	15	2366.850	-40.54	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_PI/2_BPSK_2355MHz_Inner_1RB_Right_Ant1



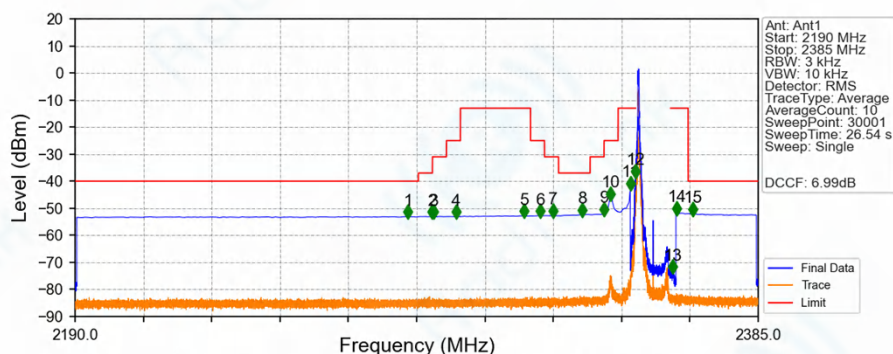
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2287.727	-53.04	-40	Pass
2288	2292	1	CHP	2	2288.163	-53.08	-37	Pass
2292	2296	1	CHP	3	2292.310	-52.99	-31	Pass
2296	2300	1	CHP	4	2299.818	-52.92	-25	Pass
2300	2320	1	CHP	5	2314.534	-52.80	-13	Pass
2320	2324	1	CHP	6	2322.867	-52.72	-25	Pass
2324	2328	1	CHP	7	2326.727	-52.69	-31	Pass
2328	2337	1	CHP	8	2336.517	-52.55	-37	Pass
2337	2341	1	CHP	9	2338.713	-52.46	-31	Pass
2341	2345	1	CHP	10	2343.628	-51.90	-25	Pass
2345	2349	1	CHP	11	2347.820	-51.20	-13	Pass
2349	2350	0.0054	CHP	12	2349.994	-72.28	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.034	-37.80	-13	Pass
2361	2365	1	CHP	14	2361.515	-41.44	-13	Pass
2365	2385	1	CHP	15	2366.475	-45.05	-40	Pass

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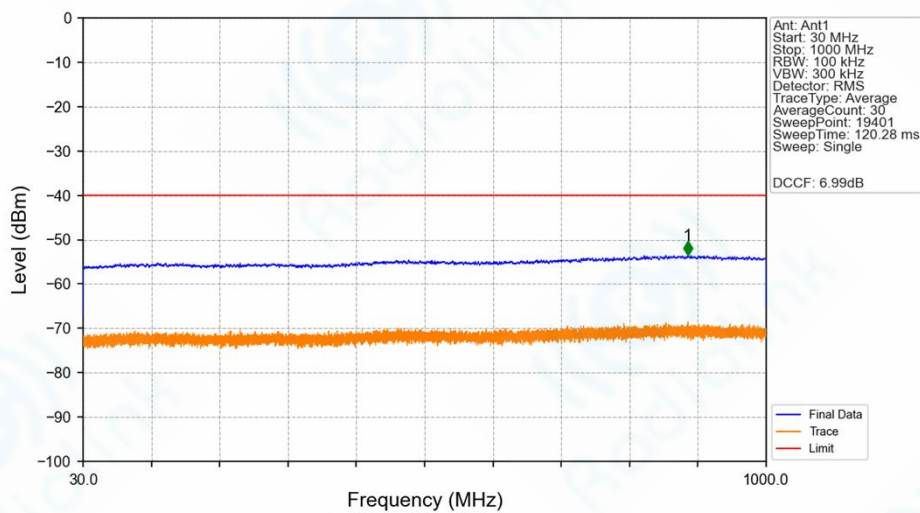
Room 103, Building B, Jinghang Industrial Park, Area 71, Xingdong Community, Xin'an Subdistrict, Bao'an District, Shenzhen, Guangdong Province, China

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n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2355MHz_Edge_1RB_Left_Ant1



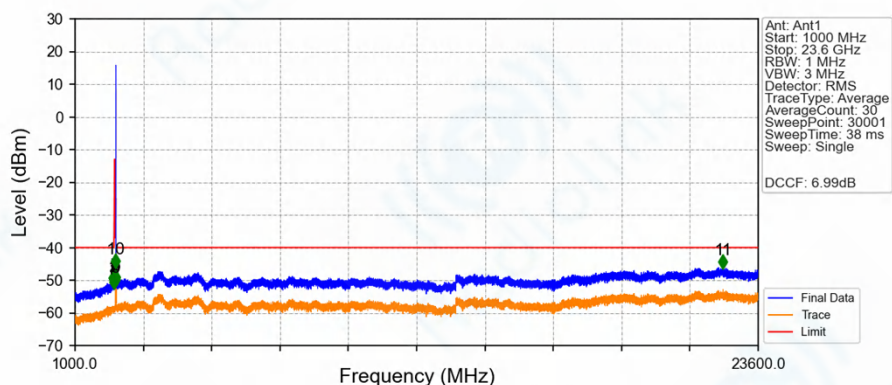
n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2355MHz_Edge_1RB_Left_Ant1



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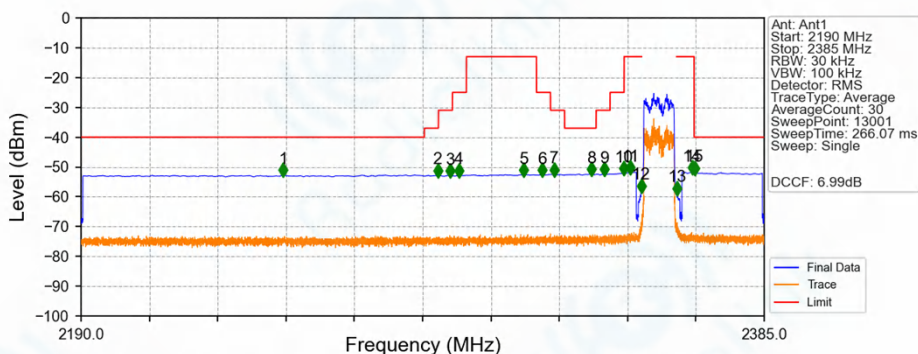
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Tel: +86 0755 23080694

n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2355MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2249.027	-50.96	-40	Pass
2288	2292	1	/	2	2288.200	-51.00	-37	Pass
2292	2296	1	/	3	2293.473	-51.98	-31	Pass
2296	2300	1	/	4	2297.240	-51.69	-25	Pass
2300	2320	1	/	5	2311.553	-50.97	-13	Pass
2320	2324	1	/	6	2320.593	-50.90	-25	Pass
2324	2328	1	/	7	2327.373	-50.60	-31	Pass
2328	2337	1	/	8	2332.647	-50.58	-37	Pass
2337	2341	1	/	9	2340.180	-51.27	-31	Pass
2341	2345	1	/	10	2342.440	-45.70	-25	Pass
2345	2365	1	/	/	/	/	/	/
2365	23600	1	/	11	22436.853	-45.90	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2355MHz_Outer_Full_Ant1

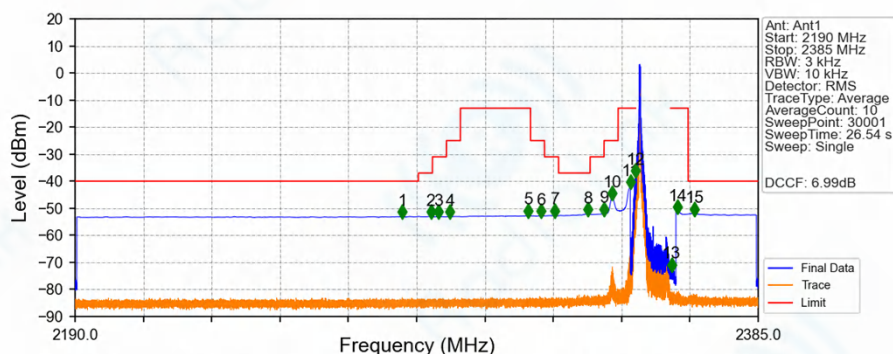


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2247.675	-52.66	-40	Pass
2288	2292	1	CHP	2	2291.805	-52.76	-37	Pass
2292	2296	1	CHP	3	2295.225	-52.78	-31	Pass
2296	2300	1	CHP	4	2297.790	-52.76	-25	Pass
2300	2320	1	CHP	5	2316.345	-52.57	-13	Pass
2320	2324	1	CHP	6	2321.535	-52.50	-25	Pass
2324	2328	1	CHP	7	2324.985	-52.43	-31	Pass
2328	2337	1	CHP	8	2335.590	-52.36	-37	Pass
2337	2341	1	CHP	9	2339.265	-52.34	-31	Pass
2341	2345	1	CHP	10	2344.935	-52.08	-25	Pass
2345	2349	1	CHP	11	2346.795	-51.70	-13	Pass
2349	2350	0.09619	CHP	12	2349.855	-57.91	-13	Pass
2350	2360	0.09619	CHP	/	/	/	/	/
2360	2361	0.09619	CHP	13	2360.100	-58.66	-13	Pass
2361	2365	1	CHP	14	2364.405	-51.70	-13	Pass
2365	2385	1	CHP	15	2365.080	-51.93	-40	Pass

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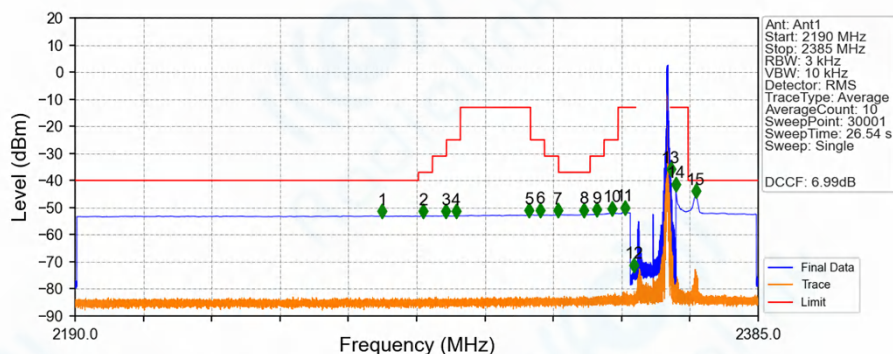
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n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2355MHz_Inner_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2283.412	-53.01	-40	Pass
2288	2292	1	CHP	2	2291.569	-52.98	-37	Pass
2292	2296	1	CHP	3	2293.831	-53.00	-31	Pass
2296	2300	1	CHP	4	2296.977	-53.02	-25	Pass
2300	2320	1	CHP	5	2319.350	-52.63	-13	Pass
2320	2324	1	CHP	6	2322.957	-52.73	-25	Pass
2324	2328	1	CHP	7	2327.007	-52.65	-31	Pass
2328	2337	1	CHP	8	2336.439	-52.10	-37	Pass
2337	2341	1	CHP	9	2340.917	-52.04	-31	Pass
2341	2345	1	CHP	10	2343.381	-46.14	-25	Pass
2345	2349	1	CHP	11	2348.483	-42.03	-13	Pass
2349	2350	0.0054	CHP	12	2349.939	-37.86	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.222	-72.62	-13	Pass
2361	2365	1	CHP	14	2361.997	-51.29	-13	Pass
2365	2385	1	CHP	15	2366.767	-51.95	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2355MHz_Edge_1RB_Right_Ant1

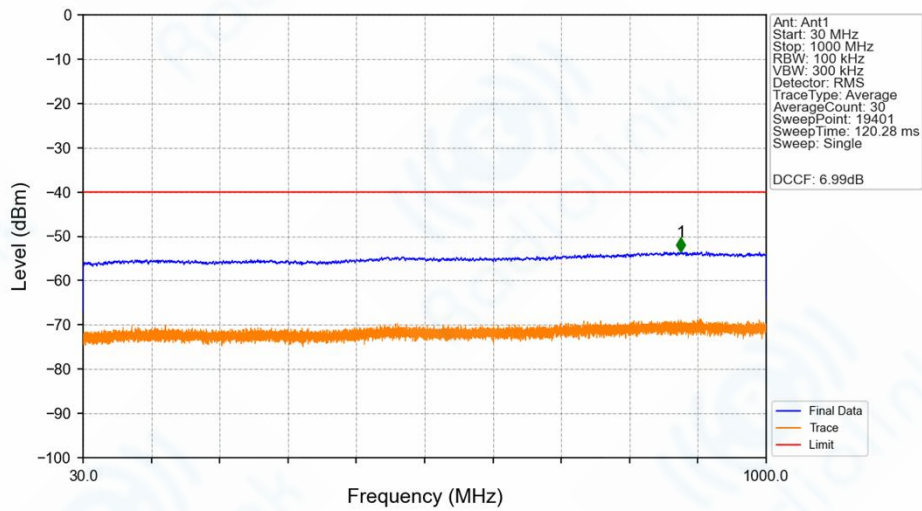


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2277.678	-53.04	-40	Pass
2288	2292	1	CHP	2	2289.340	-53.04	-37	Pass
2292	2296	1	CHP	3	2295.859	-53.01	-31	Pass
2296	2300	1	CHP	4	2298.706	-53.03	-25	Pass
2300	2320	1	CHP	5	2319.474	-52.78	-13	Pass
2320	2324	1	CHP	6	2322.854	-52.60	-25	Pass
2324	2328	1	CHP	7	2327.826	-52.71	-31	Pass
2328	2337	1	CHP	8	2335.177	-52.54	-37	Pass
2337	2341	1	CHP	9	2338.961	-52.42	-31	Pass
2341	2345	1	CHP	10	2343.264	-52.05	-25	Pass
2345	2349	1	CHP	11	2346.968	-51.74	-13	Pass
2349	2350	0.0054	CHP	12	2349.601	-72.87	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.027	-37.55	-13	Pass
2361	2365	1	CHP	14	2361.503	-43.04	-13	Pass
2365	2385	1	CHP	15	2367.209	-45.67	-40	Pass

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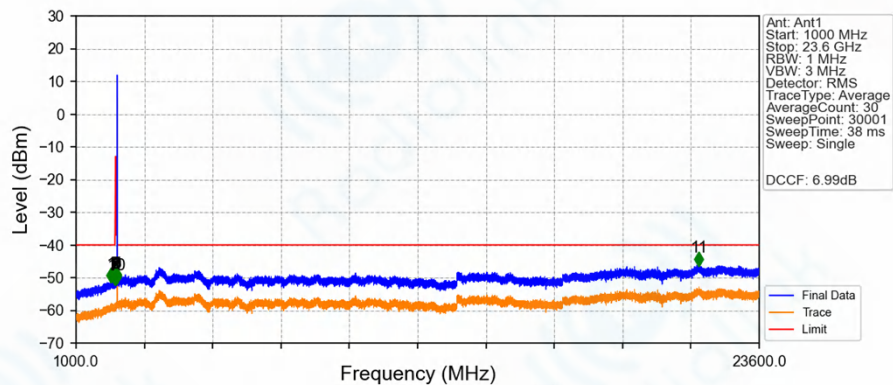
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n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2355MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	878.850	-53.47	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2355MHz_Edge_1RB_Right_Ant1



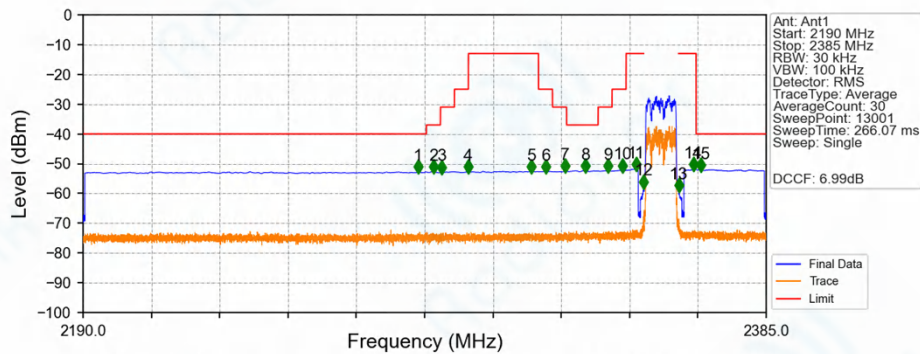
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2158.627	-50.84	-40	Pass
2288	2292	1	/	2	2290.460	-51.30	-37	Pass
2292	2296	1	/	3	2292.720	-51.58	-31	Pass
2296	2300	1	/	4	2296.487	-51.70	-25	Pass
2300	2320	1	/	5	2302.513	-50.90	-13	Pass
2320	2324	1	/	6	2321.347	-50.75	-25	Pass
2324	2328	1	/	7	2327.373	-50.67	-31	Pass
2328	2337	1	/	8	2329.633	-50.66	-37	Pass
2337	2341	1	/	9	2338.673	-50.83	-31	Pass
2341	2345	1	/	10	2343.193	-51.32	-25	Pass
2345	2365	1	/	/	/	/	/	/
2365	23600	1	/	11	21609.693	-45.80	-40	Pass

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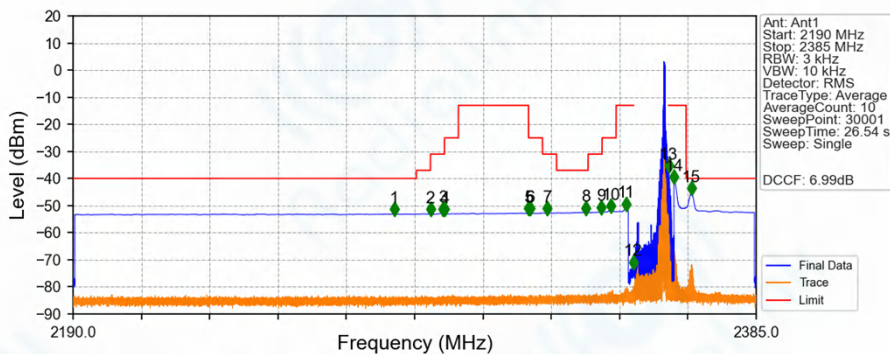
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n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2355MHz_Outer_Full_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2285.640	-52.66	-40	Pass
2288	2292	1	CHP	2	2290.080	-52.65	-37	Pass
2292	2296	1	CHP	3	2292.405	-52.71	-31	Pass
2296	2300	1	CHP	4	2299.905	-52.60	-25	Pass
2300	2320	1	CHP	5	2318.010	-52.56	-13	Pass
2320	2324	1	CHP	6	2322.165	-52.51	-25	Pass
2324	2328	1	CHP	7	2327.670	-52.30	-31	Pass
2328	2337	1	CHP	8	2333.385	-52.32	-37	Pass
2337	2341	1	CHP	9	2339.820	-52.34	-31	Pass
2341	2345	1	CHP	10	2343.975	-52.21	-25	Pass
2345	2349	1	CHP	11	2347.875	-51.70	-13	Pass
2349	2350	0.09796	CHP	12	2349.990	-57.63	-13	Pass
2350	2360	0.09796	CHP	/	/	/	/	/
2360	2361	0.09796	CHP	13	2360.010	-58.77	-13	Pass
2361	2365	1	CHP	14	2364.210	-51.77	-13	Pass
2365	2385	1	CHP	15	2366.400	-51.96	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_DFT-s-OFDM_QPSK_2355MHz_Inner_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2281.702	-53.04	-40	Pass
2288	2292	1	CHP	2	2291.998	-53.02	-37	Pass
2292	2296	1	CHP	3	2295.553	-52.93	-31	Pass
2296	2300	1	CHP	4	2296.067	-52.98	-25	Pass
2300	2320	1	CHP	5	2319.968	-52.74	-13	Pass
2320	2324	1	CHP	6	2320.383	-52.68	-25	Pass
2324	2328	1	CHP	7	2325.382	-52.68	-31	Pass
2328	2337	1	CHP	8	2336.263	-52.54	-37	Pass
2337	2341	1	CHP	9	2340.813	-52.31	-31	Pass
2341	2345	1	CHP	10	2343.491	-51.84	-25	Pass
2345	2349	1	CHP	11	2347.859	-51.07	-13	Pass
2349	2350	0.0054	CHP	12	2349.861	-72.54	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.001	-37.02	-13	Pass
2361	2365	1	CHP	14	2361.593	-41.04	-13	Pass
2365	2385	1	CHP	15	2366.475	-45.31	-40	Pass

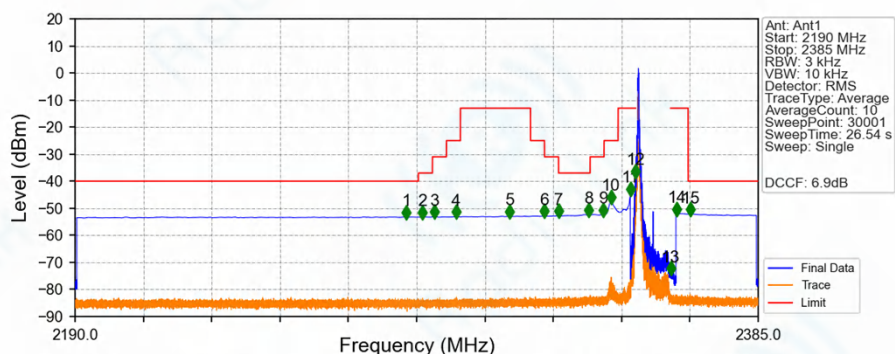
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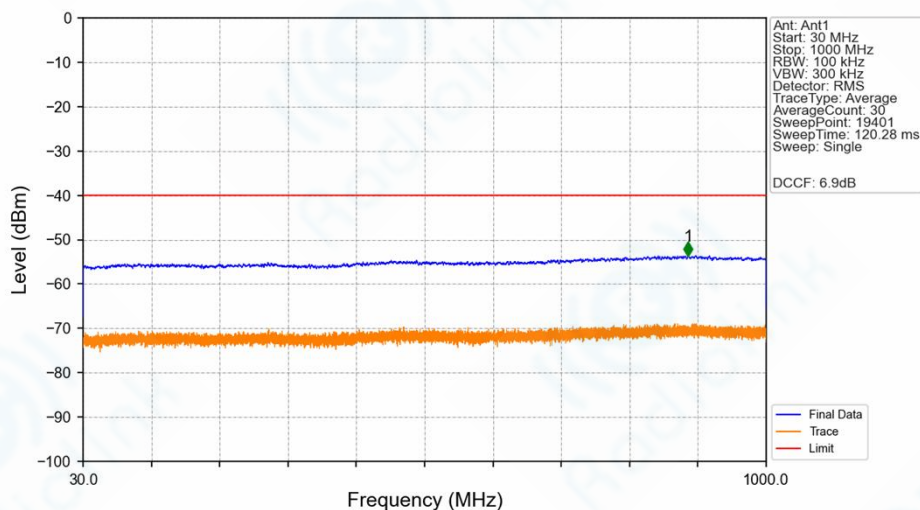


n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2284.575	-53.16	-40	Pass
2288	2292	1	CHP	2	2289.047	-53.17	-37	Pass
2292	2296	1	CHP	3	2292.570	-53.09	-31	Pass
2296	2300	1	CHP	4	2298.771	-53.05	-25	Pass
2300	2320	1	CHP	5	2313.955	-52.91	-13	Pass
2320	2324	1	CHP	6	2323.894	-52.83	-25	Pass
2324	2328	1	CHP	7	2327.976	-52.68	-31	Pass
2328	2337	1	CHP	8	2336.568	-52.35	-37	Pass
2337	2341	1	CHP	9	2340.787	-52.29	-31	Pass
2341	2345	1	CHP	10	2343.003	-47.58	-25	Pass
2345	2349	1	CHP	11	2348.496	-44.53	-13	Pass
2349	2350	0.0054	CHP	12	2349.997	-37.94	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.053	-73.83	-13	Pass
2361	2365	1	CHP	14	2361.724	-51.95	-13	Pass
2365	2385	1	CHP	15	2365.656	-52.13	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Edge_1RB_Left_Ant1

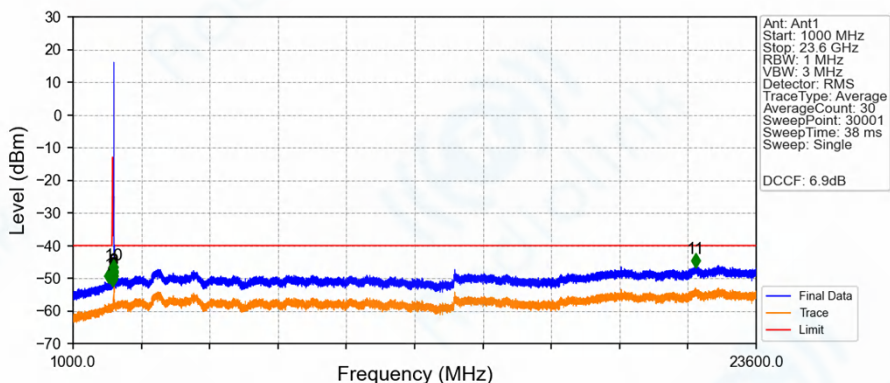


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	888.900	-53.62	-40	Pass

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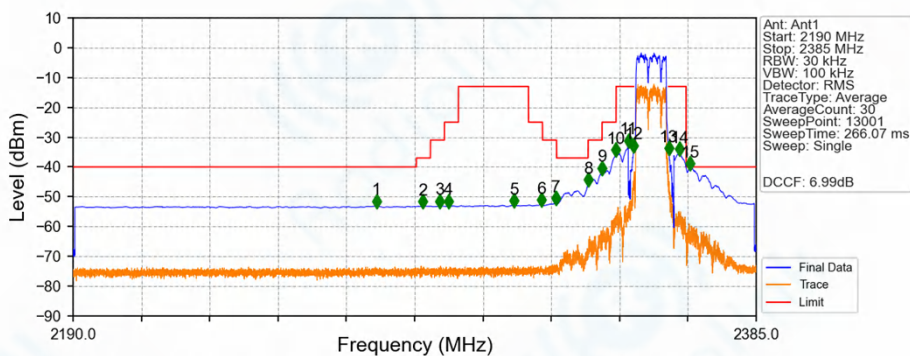
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n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Edge_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2179.720	-50.82	-40	Pass
2288	2292	1	/	2	2288.200	-51.17	-37	Pass
2292	2296	1	/	3	2295.733	-51.71	-31	Pass
2296	2300	1	/	4	2296.487	-51.41	-25	Pass
2300	2320	1	/	5	2318.333	-50.80	-13	Pass
2320	2324	1	/	6	2320.593	-51.74	-25	Pass
2324	2328	1	/	7	2325.867	-50.90	-31	Pass
2328	2337	1	/	8	2336.413	-49.90	-37	Pass
2337	2341	1	/	9	2337.920	-49.46	-31	Pass
2341	2345	1	/	10	2343.193	-48.17	-25	Pass
2345	2365	1	/	/	/	/	/	/
2365	23600	1	/	11	21585.587	-46.04	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Outer_Full_Ant1



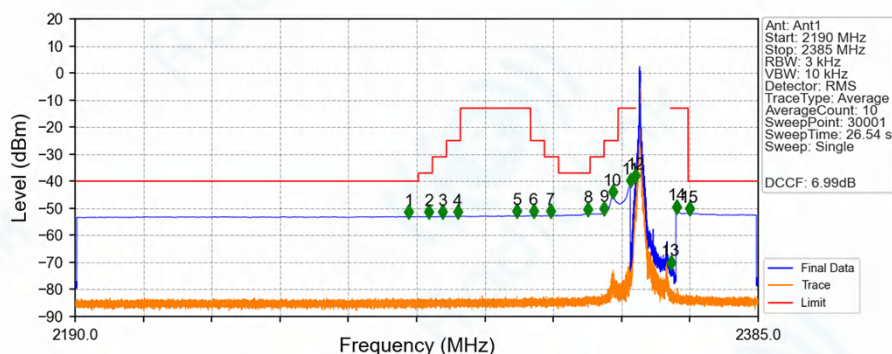
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2276.640	-53.03	-40	Pass
2288	2292	1	CHP	2	2289.840	-53.08	-37	Pass
2292	2296	1	CHP	3	2294.715	-53.01	-31	Pass
2296	2300	1	CHP	4	2297.160	-53.04	-25	Pass
2300	2320	1	CHP	5	2315.805	-52.81	-13	Pass
2320	2324	1	CHP	6	2323.710	-52.66	-25	Pass
2324	2328	1	CHP	7	2327.760	-52.07	-31	Pass
2328	2337	1	CHP	8	2337.000	-45.78	-37	Pass
2337	2341	1	CHP	9	2340.990	-41.92	-31	Pass
2341	2345	1	CHP	10	2344.965	-35.87	-25	Pass
2345	2349	1	CHP	11	2348.490	-32.72	-13	Pass
2349	2350	0.09822	CHP	12	2349.960	-34.31	-13	Pass
2350	2360	0.09822	CHP	/	/	/	/	/
2360	2361	0.09822	CHP	13	2360.055	-35.21	-13	Pass
2361	2365	1	CHP	14	2363.085	-35.53	-13	Pass
2365	2385	1	CHP	15	2366.115	-40.39	-40	Pass

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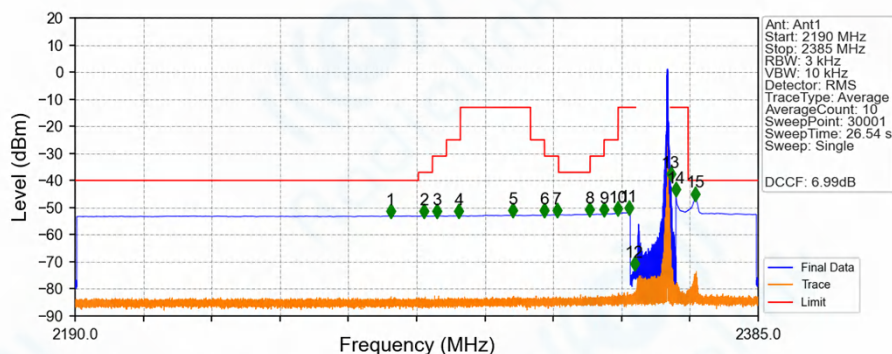
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n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Inner_1RB_Left_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2285.290	-53.04	-40	Pass
2288	2292	1	CHP	2	2290.912	-52.99	-37	Pass
2292	2296	1	CHP	3	2294.838	-52.97	-31	Pass
2296	2300	1	CHP	4	2299.193	-52.97	-25	Pass
2300	2320	1	CHP	5	2315.977	-52.77	-13	Pass
2320	2324	1	CHP	6	2320.819	-52.68	-25	Pass
2324	2328	1	CHP	7	2325.831	-52.68	-31	Pass
2328	2337	1	CHP	8	2336.276	-52.05	-37	Pass
2337	2341	1	CHP	9	2340.988	-51.73	-31	Pass
2341	2345	1	CHP	10	2343.472	-45.60	-25	Pass
2345	2349	1	CHP	11	2348.496	-41.37	-13	Pass
2349	2350	0.0054	CHP	12	2349.959	-39.54	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.021	-71.68	-13	Pass
2361	2365	1	CHP	14	2361.814	-51.13	-13	Pass
2365	2385	1	CHP	15	2365.311	-51.88	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Edge_1RB_Right_Ant1

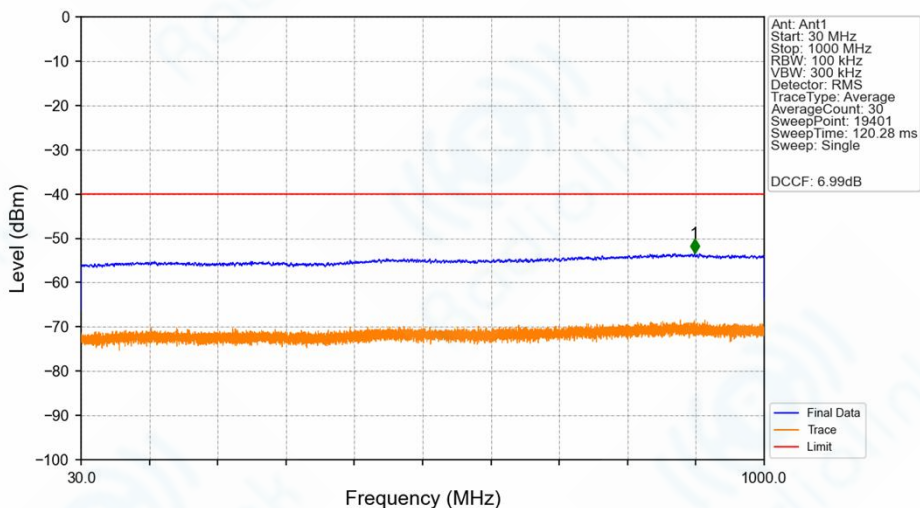


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2190	2288	1	CHP	1	2280.129	-53.06	-40	Pass
2288	2292	1	CHP	2	2289.684	-53.04	-37	Pass
2292	2296	1	CHP	3	2293.311	-53.04	-31	Pass
2296	2300	1	CHP	4	2299.532	-53.01	-25	Pass
2300	2320	1	CHP	5	2315.001	-52.73	-13	Pass
2320	2324	1	CHP	6	2323.881	-52.69	-25	Pass
2324	2328	1	CHP	7	2327.566	-52.68	-31	Pass
2328	2337	1	CHP	8	2336.776	-52.53	-37	Pass
2337	2341	1	CHP	9	2340.930	-52.38	-31	Pass
2341	2345	1	CHP	10	2344.973	-52.19	-25	Pass
2345	2349	1	CHP	11	2348.080	-51.88	-13	Pass
2349	2350	0.0054	CHP	12	2349.686	-72.48	-13	Pass
2350	2360	0.0054	CHP	/	/	/	/	/
2360	2361	0.0054	CHP	13	2360.008	-39.33	-13	Pass
2361	2365	1	CHP	14	2361.503	-45.00	-13	Pass
2365	2385	1	CHP	15	2367.047	-46.69	-40	Pass

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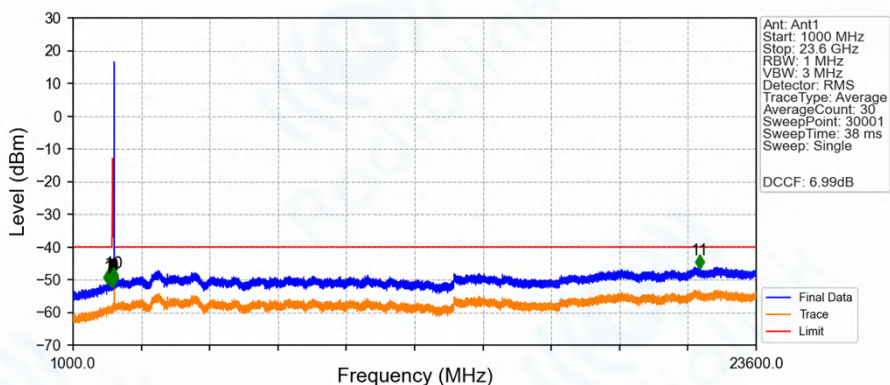
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n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Edge_1RB_Right_Ant1



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
30	1000	1	CHP	1	900.850	-53.40	-40	Pass

n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Edge_1RB_Right_Ant1

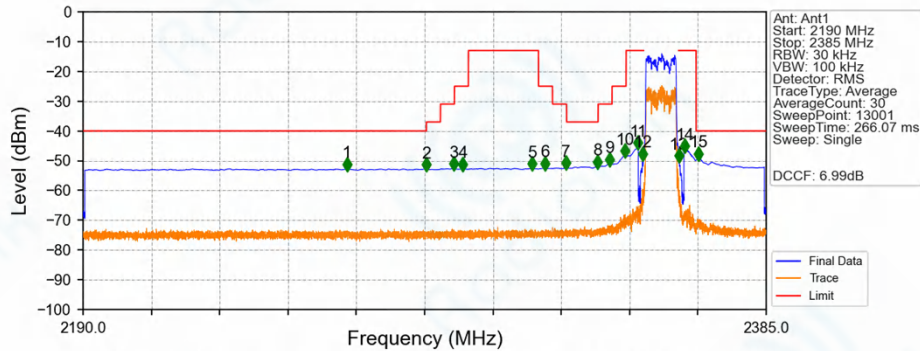


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1000	2288	1	/	1	2159.380	-50.95	-40	Pass
2288	2292	1	/	2	2289.707	-51.66	-37	Pass
2292	2296	1	/	3	2292.720	-51.60	-31	Pass
2296	2300	1	/	4	2299.500	-51.20	-25	Pass
2300	2320	1	/	5	2304.020	-50.84	-13	Pass
2320	2324	1	/	6	2322.853	-51.32	-25	Pass
2324	2328	1	/	7	2325.867	-50.91	-31	Pass
2328	2337	1	/	8	2336.413	-50.90	-37	Pass
2337	2341	1	/	9	2340.933	-50.82	-31	Pass
2341	2345	1	/	10	2342.440	-50.00	-25	Pass
2345	2365	1	/	/	/	/	/	/
2365	23600	1	/	11	21718.173	-46.06	-40	Pass

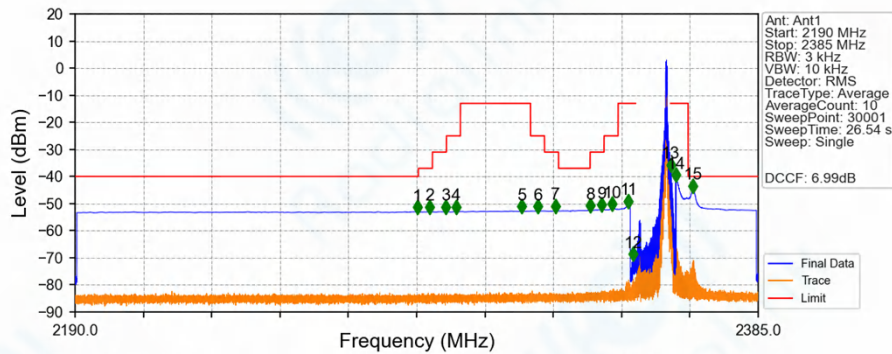
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n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Outer_Full_Ant1



n40b_30kHz_SISO_NTNV_10MHz_CP-OFDM_QPSK_2355MHz_Inner_1RB_Right_Ant1



Radiolink Testing (Shenzhen) Co., Ltd.

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6. Frequency Stability (IC)

6.1 Test Result

6.1.1 30_S_10M

5G NR n40b SCS=30kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	OBW (FL - FH) (MHz)		Limit	Verdict
					FL	FH		
DFT-s-OFDM PI/2 BPSK	2355	Outer_Full	20	LV	2350.627	2359.341	2350 to 2360	Pass
				HV	2350.670	2359.331	2350 to 2360	Pass
			-30	NV	2350.628	2359.348	2350 to 2360	Pass
			-20	NV	2350.605	2359.343	2350 to 2360	Pass
			-10	NV	2350.624	2359.340	2350 to 2360	Pass
			0	NV	2350.648	2359.347	2350 to 2360	Pass
			10	NV	2350.641	2359.348	2350 to 2360	Pass
			20	NV	2350.629	2359.352	2350 to 2360	Pass
			30	NV	2350.631	2359.328	2350 to 2360	Pass
			40	NV	2350.624	2359.346	2350 to 2360	Pass
DFT-s-OFDM QPSK	2355	Outer_Full	20	LV	2350.649	2359.345	2350 to 2360	Pass
				HV	2350.642	2359.334	2350 to 2360	Pass
			-30	NV	2350.673	2359.331	2350 to 2360	Pass
			-20	NV	2350.651	2359.328	2350 to 2360	Pass
			-10	NV	2350.633	2359.326	2350 to 2360	Pass
			0	NV	2350.663	2359.332	2350 to 2360	Pass
			10	NV	2350.647	2359.333	2350 to 2360	Pass
			20	NV	2350.655	2359.332	2350 to 2360	Pass
			30	NV	2350.636	2359.324	2350 to 2360	Pass
			40	NV	2350.665	2359.329	2350 to 2360	Pass
DFT-s-OFDM 16 QAM	2355	Outer_Full	20	LV	2350.620	2359.347	2350 to 2360	Pass
				HV	2350.641	2359.350	2350 to 2360	Pass
			-30	NV	2350.647	2359.352	2350 to 2360	Pass
			-20	NV	2350.650	2359.356	2350 to 2360	Pass
			-10	NV	2350.643	2359.346	2350 to 2360	Pass
			0	NV	2350.623	2359.346	2350 to 2360	Pass
			10	NV	2350.630	2359.352	2350 to 2360	Pass
			20	NV	2350.626	2359.348	2350 to 2360	Pass
			30	NV	2350.669	2359.354	2350 to 2360	Pass
			40	NV	2350.617	2359.346	2350 to 2360	Pass
DFT-s-OFDM 64 QAM	2355	Outer_Full	20	LV	2350.663	2359.361	2350 to 2360	Pass
				HV	2350.678	2359.372	2350 to 2360	Pass
			-30	NV	2350.661	2359.353	2350 to 2360	Pass
			-20	NV	2350.651	2359.371	2350 to 2360	Pass
			-10	NV	2350.648	2359.358	2350 to 2360	Pass
			0	NV	2350.659	2359.382	2350 to 2360	Pass
			10	NV	2350.672	2359.374	2350 to 2360	Pass
			20	NV	2350.673	2359.361	2350 to 2360	Pass
			30	NV	2350.673	2359.373	2350 to 2360	Pass
			40	NV	2350.680	2359.372	2350 to 2360	Pass
DFT-s-OFDM 256 QAM	2355	Outer_Full	20	LV	2350.655	2359.393	2350 to 2360	Pass
				HV	2350.669	2359.413	2350 to 2360	Pass
			-30	NV	2350.662	2359.412	2350 to 2360	Pass
			-20	NV	2350.648	2359.427	2350 to 2360	Pass
			-10	NV	2350.660	2359.406	2350 to 2360	Pass
			0	NV	2350.654	2359.422	2350 to 2360	Pass
			10	NV	2350.658	2359.406	2350 to 2360	Pass



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			20	NV	2350.655	2359.429	2350 to 2360	Pass
			30	NV	2350.644	2359.416	2350 to 2360	Pass
			40	NV	2350.647	2359.404	2350 to 2360	Pass
			50	NV	2350.649	2359.432	2350 to 2360	Pass
CP-OFDM QPSK	2355	Outer_Full	20	LV	2350.654	2359.335	2350 to 2360	Pass
				HV	2350.654	2359.324	2350 to 2360	Pass
			-30	NV	2350.660	2359.348	2350 to 2360	Pass
			-20	NV	2350.665	2359.329	2350 to 2360	Pass
			-10	NV	2350.651	2359.332	2350 to 2360	Pass
			0	NV	2350.670	2359.341	2350 to 2360	Pass
			10	NV	2350.642	2359.347	2350 to 2360	Pass
			20	NV	2350.665	2359.345	2350 to 2360	Pass
			30	NV	2350.653	2359.335	2350 to 2360	Pass
			40	NV	2350.647	2359.320	2350 to 2360	Pass
			50	NV	2350.652	2359.328	2350 to 2360	Pass
			20	LV	2350.607	2359.334	2350 to 2360	Pass
				HV	2350.609	2359.328	2350 to 2360	Pass
			-30	NV	2350.609	2359.374	2350 to 2360	Pass
CP-OFDM 16 QAM	2355	Outer_Full	-20	NV	2350.634	2359.394	2350 to 2360	Pass
			-10	NV	2350.608	2359.348	2350 to 2360	Pass
			0	NV	2350.612	2359.354	2350 to 2360	Pass
			10	NV	2350.606	2359.355	2350 to 2360	Pass
			20	NV	2350.606	2359.344	2350 to 2360	Pass
			30	NV	2350.632	2359.382	2350 to 2360	Pass
			40	NV	2350.608	2359.391	2350 to 2360	Pass
			50	NV	2350.613	2359.371	2350 to 2360	Pass
			20	LV	2350.641	2359.360	2350 to 2360	Pass
				HV	2350.642	2359.340	2350 to 2360	Pass
			-30	NV	2350.650	2359.354	2350 to 2360	Pass
			-20	NV	2350.640	2359.347	2350 to 2360	Pass
			-10	NV	2350.647	2359.333	2350 to 2360	Pass
			0	NV	2350.653	2359.326	2350 to 2360	Pass
CP-OFDM 64 QAM	2355	Outer_Full	10	NV	2350.646	2359.355	2350 to 2360	Pass
			20	NV	2350.635	2359.343	2350 to 2360	Pass
			30	NV	2350.655	2359.354	2350 to 2360	Pass
			40	NV	2350.653	2359.320	2350 to 2360	Pass
			50	NV	2350.648	2359.347	2350 to 2360	Pass
			20	LV	2350.640	2359.331	2350 to 2360	Pass
				HV	2350.636	2359.346	2350 to 2360	Pass
			-30	NV	2350.625	2359.355	2350 to 2360	Pass
			-20	NV	2350.639	2359.345	2350 to 2360	Pass
			-10	NV	2350.621	2359.352	2350 to 2360	Pass
			0	NV	2350.637	2359.329	2350 to 2360	Pass
			10	NV	2350.634	2359.352	2350 to 2360	Pass
			20	NV	2350.633	2359.352	2350 to 2360	Pass
			30	NV	2350.622	2359.329	2350 to 2360	Pass
CP-OFDM 256 QAM	2355	Outer_Full	40	NV	2350.638	2359.352	2350 to 2360	Pass
			50	NV	2350.630	2359.354	2350 to 2360	Pass



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