

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 15k_SISO_5MHz_NTNV_ERP

5G NR n12 SCS=15kHz SISO 5MHz NTN										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	701.5	Edge_1RB_Left	22.74	/	/	25.88	/	/	<=34.77	Pass
		Edge_1RB_Right	22.63	/	/	25.77	/	/	<=34.77	Pass
		Outer_Full	22.81	/	/	25.95	/	/	<=34.77	Pass
		Inner_Full	23.37	/	/	26.51	/	/	<=34.77	Pass
		Inner_1RB_Left	23.28	/	/	26.42	/	/	<=34.77	Pass
		Inner_1RB_Right	23.18	/	/	26.32	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.87	/	/	26.01	/	/	<=34.77	Pass
		Edge_1RB_Right	22.93	/	/	26.07	/	/	<=34.77	Pass
		Outer_Full	22.85	/	/	25.99	/	/	<=34.77	Pass
		Inner_Full	23.40	/	/	26.54	/	/	<=34.77	Pass
		Inner_1RB_Left	23.29	/	/	26.43	/	/	<=34.77	Pass
		Inner_1RB_Right	23.49	/	/	26.63	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	22.82	/	/	25.96	/	/	<=34.77	Pass
		Edge_1RB_Right	22.86	/	/	26.00	/	/	<=34.77	Pass
		Outer_Full	22.94	/	/	26.08	/	/	<=34.77	Pass
Inner_Full		23.40	/	/	26.54	/	/	<=34.77	Pass	
Inner_1RB_Left		23.36	/	/	26.50	/	/	<=34.77	Pass	
Inner_1RB_Right		23.36	/	/	26.50	/	/	<=34.77	Pass	
DFT-s-OFDM QPSK	701.5	Edge_1RB_Left	22.26	/	/	25.40	/	/	<=34.77	Pass
		Edge_1RB_Right	22.16	/	/	25.30	/	/	<=34.77	Pass
		Outer_Full	22.30	/	/	25.44	/	/	<=34.77	Pass
		Inner_Full	23.35	/	/	26.49	/	/	<=34.77	Pass
		Inner_1RB_Left	23.25	/	/	26.39	/	/	<=34.77	Pass
		Inner_1RB_Right	23.18	/	/	26.32	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.30	/	/	25.44	/	/	<=34.77	Pass
		Edge_1RB_Right	22.38	/	/	25.52	/	/	<=34.77	Pass
		Outer_Full	22.38	/	/	25.52	/	/	<=34.77	Pass
		Inner_Full	23.50	/	/	26.64	/	/	<=34.77	Pass
		Inner_1RB_Left	23.36	/	/	26.50	/	/	<=34.77	Pass
		Inner_1RB_Right	23.41	/	/	26.55	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	22.35	/	/	25.49	/	/	<=34.77	Pass
		Edge_1RB_Right	22.31	/	/	25.45	/	/	<=34.77	Pass
		Outer_Full	22.31	/	/	25.45	/	/	<=34.77	Pass
Inner_Full		23.39	/	/	26.53	/	/	<=34.77	Pass	
Inner_1RB_Left		23.33	/	/	26.47	/	/	<=34.77	Pass	
Inner_1RB_Right		23.29	/	/	26.43	/	/	<=34.77	Pass	
DFT-s-OFDM 16 QAM	701.5	Edge_1RB_Left	21.25	/	/	24.39	/	/	<=34.77	Pass
		Edge_1RB_Right	21.17	/	/	24.31	/	/	<=34.77	Pass
		Outer_Full	21.36	/	/	24.50	/	/	<=34.77	Pass
		Inner_Full	22.30	/	/	25.44	/	/	<=34.77	Pass
		Inner_1RB_Left	22.21	/	/	25.35	/	/	<=34.77	Pass
		Inner_1RB_Right	22.16	/	/	25.30	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.35	/	/	24.49	/	/	<=34.77	Pass
		Edge_1RB_Right	21.39	/	/	24.53	/	/	<=34.77	Pass
		Outer_Full	21.42	/	/	24.56	/	/	<=34.77	Pass
		Inner_Full	22.42	/	/	25.56	/	/	<=34.77	Pass
		Inner_1RB_Left	22.26	/	/	25.40	/	/	<=34.77	Pass

	713.5	Inner_1RB_Right	22.26	/	/	25.40	/	/	<=34.77	Pass
		Edge_1RB_Left	21.34	/	/	24.48	/	/	<=34.77	Pass
		Edge_1RB_Right	21.39	/	/	24.53	/	/	<=34.77	Pass
		Outer_Full	21.41	/	/	24.55	/	/	<=34.77	Pass
		Inner_Full	22.47	/	/	25.61	/	/	<=34.77	Pass
		Inner_1RB_Left	22.33	/	/	25.47	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	701.5	Inner_1RB_Right	22.28	/	/	25.42	/	/	<=34.77	Pass
		Edge_1RB_Left	20.94	/	/	24.08	/	/	<=34.77	Pass
		Edge_1RB_Right	20.83	/	/	23.97	/	/	<=34.77	Pass
		Outer_Full	20.82	/	/	23.96	/	/	<=34.77	Pass
		Inner_Full	20.82	/	/	23.96	/	/	<=34.77	Pass
		Inner_1RB_Left	20.98	/	/	24.12	/	/	<=34.77	Pass
	707.5	Inner_1RB_Right	20.93	/	/	24.07	/	/	<=34.77	Pass
		Edge_1RB_Left	20.91	/	/	24.05	/	/	<=34.77	Pass
		Edge_1RB_Right	20.97	/	/	24.11	/	/	<=34.77	Pass
		Outer_Full	20.88	/	/	24.02	/	/	<=34.77	Pass
		Inner_Full	20.95	/	/	24.09	/	/	<=34.77	Pass
		Inner_1RB_Left	20.94	/	/	24.08	/	/	<=34.77	Pass
	713.5	Inner_1RB_Right	21.04	/	/	24.18	/	/	<=34.77	Pass
		Edge_1RB_Left	20.87	/	/	24.01	/	/	<=34.77	Pass
		Edge_1RB_Right	20.94	/	/	24.08	/	/	<=34.77	Pass
		Outer_Full	20.84	/	/	23.98	/	/	<=34.77	Pass
		Inner_Full	20.88	/	/	24.02	/	/	<=34.77	Pass
		Inner_1RB_Left	20.93	/	/	24.07	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	701.5	Inner_1RB_Right	20.91	/	/	24.05	/	/	<=34.77	Pass
		Edge_1RB_Left	18.25	/	/	21.39	/	/	<=34.77	Pass
		Edge_1RB_Right	18.09	/	/	21.23	/	/	<=34.77	Pass
		Outer_Full	18.85	/	/	21.99	/	/	<=34.77	Pass
		Inner_Full	18.78	/	/	21.92	/	/	<=34.77	Pass
		Inner_1RB_Left	18.30	/	/	21.44	/	/	<=34.77	Pass
	707.5	Inner_1RB_Right	18.19	/	/	21.33	/	/	<=34.77	Pass
		Edge_1RB_Left	18.30	/	/	21.44	/	/	<=34.77	Pass
		Edge_1RB_Right	18.29	/	/	21.43	/	/	<=34.77	Pass
		Outer_Full	18.74	/	/	21.88	/	/	<=34.77	Pass
		Inner_Full	18.91	/	/	22.05	/	/	<=34.77	Pass
		Inner_1RB_Left	18.24	/	/	21.38	/	/	<=34.77	Pass
	713.5	Inner_1RB_Right	18.39	/	/	21.53	/	/	<=34.77	Pass
		Edge_1RB_Left	18.25	/	/	21.39	/	/	<=34.77	Pass
		Edge_1RB_Right	18.17	/	/	21.31	/	/	<=34.77	Pass
		Outer_Full	18.91	/	/	22.05	/	/	<=34.77	Pass
		Inner_Full	18.93	/	/	22.07	/	/	<=34.77	Pass
		Inner_1RB_Left	18.32	/	/	21.46	/	/	<=34.77	Pass
CP-OFDM QPSK	701.5	Inner_1RB_Right	18.25	/	/	21.39	/	/	<=34.77	Pass
		Edge_1RB_Left	20.39	/	/	23.53	/	/	<=34.77	Pass
		Edge_1RB_Right	20.33	/	/	23.47	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	23.59	/	/	<=34.77	Pass
		Inner_Full	21.75	/	/	24.89	/	/	<=34.77	Pass
		Inner_1RB_Left	22.09	/	/	25.23	/	/	<=34.77	Pass
	707.5	Inner_1RB_Right	21.58	/	/	24.72	/	/	<=34.77	Pass
		Edge_1RB_Left	20.33	/	/	23.47	/	/	<=34.77	Pass
		Edge_1RB_Right	20.34	/	/	23.48	/	/	<=34.77	Pass
		Outer_Full	20.45	/	/	23.59	/	/	<=34.77	Pass
		Inner_Full	21.93	/	/	25.07	/	/	<=34.77	Pass
		Inner_1RB_Left	22.07	/	/	25.21	/	/	<=34.77	Pass
	713.5	Inner_1RB_Right	21.96	/	/	25.10	/	/	<=34.77	Pass
		Edge_1RB_Left	20.32	/	/	23.46	/	/	<=34.77	Pass
		Edge_1RB_Right	20.35	/	/	23.49	/	/	<=34.77	Pass
		Outer_Full	20.49	/	/	23.63	/	/	<=34.77	Pass

		Inner_Full	21.88	/	/	25.02	/	/	<=34.77	Pass
		Inner_1RB_Left	21.90	/	/	25.04	/	/	<=34.77	Pass
		Inner_1RB_Right	21.99	/	/	25.13	/	/	<=34.77	Pass
CP-OFDM 16 QAM	701.5	Edge_1RB_Left	20.33	/	/	23.47	/	/	<=34.77	Pass
		Edge_1RB_Right	20.15	/	/	23.29	/	/	<=34.77	Pass
		Outer_Full	20.35	/	/	23.49	/	/	<=34.77	Pass
		Inner_Full	21.05	/	/	24.19	/	/	<=34.77	Pass
		Inner_1RB_Left	21.21	/	/	24.35	/	/	<=34.77	Pass
		Inner_1RB_Right	21.10	/	/	24.24	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.34	/	/	23.48	/	/	<=34.77	Pass
		Edge_1RB_Right	20.45	/	/	23.59	/	/	<=34.77	Pass
		Outer_Full	20.47	/	/	23.61	/	/	<=34.77	Pass
		Inner_Full	21.30	/	/	24.44	/	/	<=34.77	Pass
		Inner_1RB_Left	21.45	/	/	24.59	/	/	<=34.77	Pass
		Inner_1RB_Right	21.48	/	/	24.62	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	20.30	/	/	23.44	/	/	<=34.77	Pass
		Edge_1RB_Right	20.20	/	/	23.34	/	/	<=34.77	Pass
		Outer_Full	20.49	/	/	23.63	/	/	<=34.77	Pass
Inner_Full		21.19	/	/	24.33	/	/	<=34.77	Pass	
Inner_1RB_Left		21.27	/	/	24.41	/	/	<=34.77	Pass	
Inner_1RB_Right		21.34	/	/	24.48	/	/	<=34.77	Pass	
CP-OFDM 64 QAM	701.5	Edge_1RB_Left	19.84	/	/	22.98	/	/	<=34.77	Pass
		Edge_1RB_Right	19.79	/	/	22.93	/	/	<=34.77	Pass
		Outer_Full	19.83	/	/	22.97	/	/	<=34.77	Pass
		Inner_Full	19.78	/	/	22.92	/	/	<=34.77	Pass
		Inner_1RB_Left	19.83	/	/	22.97	/	/	<=34.77	Pass
		Inner_1RB_Right	19.71	/	/	22.85	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	19.83	/	/	22.97	/	/	<=34.77	Pass
		Edge_1RB_Right	19.91	/	/	23.05	/	/	<=34.77	Pass
		Outer_Full	19.91	/	/	23.05	/	/	<=34.77	Pass
		Inner_Full	20.00	/	/	23.14	/	/	<=34.77	Pass
		Inner_1RB_Left	19.83	/	/	22.97	/	/	<=34.77	Pass
		Inner_1RB_Right	19.91	/	/	23.05	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	19.86	/	/	23.00	/	/	<=34.77	Pass
		Edge_1RB_Right	19.84	/	/	22.98	/	/	<=34.77	Pass
		Outer_Full	19.90	/	/	23.04	/	/	<=34.77	Pass
Inner_Full		19.96	/	/	23.10	/	/	<=34.77	Pass	
Inner_1RB_Left		19.91	/	/	23.05	/	/	<=34.77	Pass	
Inner_1RB_Right		19.82	/	/	22.96	/	/	<=34.77	Pass	
CP-OFDM 256 QAM	701.5	Edge_1RB_Left	16.32	/	/	19.46	/	/	<=34.77	Pass
		Edge_1RB_Right	16.20	/	/	19.34	/	/	<=34.77	Pass
		Outer_Full	16.83	/	/	19.97	/	/	<=34.77	Pass
		Inner_Full	16.86	/	/	20.00	/	/	<=34.77	Pass
		Inner_1RB_Left	16.38	/	/	19.52	/	/	<=34.77	Pass
		Inner_1RB_Right	16.23	/	/	19.37	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	16.35	/	/	19.49	/	/	<=34.77	Pass
		Edge_1RB_Right	16.33	/	/	19.47	/	/	<=34.77	Pass
		Outer_Full	16.98	/	/	20.12	/	/	<=34.77	Pass
		Inner_Full	16.88	/	/	20.02	/	/	<=34.77	Pass
		Inner_1RB_Left	16.41	/	/	19.55	/	/	<=34.77	Pass
		Inner_1RB_Right	16.33	/	/	19.47	/	/	<=34.77	Pass
	713.5	Edge_1RB_Left	16.44	/	/	19.58	/	/	<=34.77	Pass
		Edge_1RB_Right	16.42	/	/	19.56	/	/	<=34.77	Pass
		Outer_Full	16.97	/	/	20.11	/	/	<=34.77	Pass
Inner_Full		16.97	/	/	20.11	/	/	<=34.77	Pass	
Inner_1RB_Left		16.40	/	/	19.54	/	/	<=34.77	Pass	
Inner_1RB_Right		16.44	/	/	19.58	/	/	<=34.77	Pass	
Note1: Antenna Gain: Ant1: 5.29dBi;										

Note2: EIRP=Conducted Power+Antenna Gain

1.1.2 15k_SISO_10MHz_NTNV_ERP

5G NR n12 SCS=15kHz SISO 10MHz NTV										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)				Verdict
			Ant1	Ant2	Sum	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	704	Edge_1RB_Left	22.78	/	/	25.92	/	/	<=34.77	Pass
		Edge_1RB_Right	22.83	/	/	25.97	/	/	<=34.77	Pass
		Outer_Full	22.86	/	/	26.00	/	/	<=34.77	Pass
		Inner_Full	23.37	/	/	26.51	/	/	<=34.77	Pass
		Inner_1RB_Left	23.40	/	/	26.54	/	/	<=34.77	Pass
		Inner_1RB_Right	23.43	/	/	26.57	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.87	/	/	26.01	/	/	<=34.77	Pass
		Edge_1RB_Right	22.93	/	/	26.07	/	/	<=34.77	Pass
		Outer_Full	22.79	/	/	25.93	/	/	<=34.77	Pass
		Inner_Full	23.39	/	/	26.53	/	/	<=34.77	Pass
		Inner_1RB_Left	23.42	/	/	26.56	/	/	<=34.77	Pass
		Inner_1RB_Right	23.47	/	/	26.61	/	/	<=34.77	Pass
	711	Edge_1RB_Left	22.83	/	/	25.97	/	/	<=34.77	Pass
		Edge_1RB_Right	22.93	/	/	26.07	/	/	<=34.77	Pass
		Outer_Full	22.98	/	/	26.12	/	/	<=34.77	Pass
		Inner_Full	23.53	/	/	26.67	/	/	<=34.77	Pass
		Inner_1RB_Left	23.45	/	/	26.59	/	/	<=34.77	Pass
		Inner_1RB_Right	23.53	/	/	26.67	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	704	Edge_1RB_Left	22.24	/	/	25.38	/	/	<=34.77	Pass
		Edge_1RB_Right	22.35	/	/	25.49	/	/	<=34.77	Pass
		Outer_Full	22.30	/	/	25.44	/	/	<=34.77	Pass
		Inner_Full	23.35	/	/	26.49	/	/	<=34.77	Pass
		Inner_1RB_Left	23.27	/	/	26.41	/	/	<=34.77	Pass
		Inner_1RB_Right	23.36	/	/	26.50	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.31	/	/	25.45	/	/	<=34.77	Pass
		Edge_1RB_Right	22.47	/	/	25.61	/	/	<=34.77	Pass
		Outer_Full	22.36	/	/	25.50	/	/	<=34.77	Pass
		Inner_Full	23.40	/	/	26.54	/	/	<=34.77	Pass
		Inner_1RB_Left	23.36	/	/	26.50	/	/	<=34.77	Pass
		Inner_1RB_Right	23.56	/	/	26.70	/	/	<=34.77	Pass
	711	Edge_1RB_Left	22.32	/	/	25.46	/	/	<=34.77	Pass
		Edge_1RB_Right	22.38	/	/	25.52	/	/	<=34.77	Pass
		Outer_Full	22.39	/	/	25.53	/	/	<=34.77	Pass
		Inner_Full	23.46	/	/	26.60	/	/	<=34.77	Pass
		Inner_1RB_Left	23.55	/	/	26.69	/	/	<=34.77	Pass
		Inner_1RB_Right	23.50	/	/	26.64	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	704	Edge_1RB_Left	21.35	/	/	24.49	/	/	<=34.77	Pass
		Edge_1RB_Right	21.33	/	/	24.47	/	/	<=34.77	Pass
		Outer_Full	21.22	/	/	24.36	/	/	<=34.77	Pass
		Inner_Full	22.25	/	/	25.39	/	/	<=34.77	Pass
		Inner_1RB_Left	22.31	/	/	25.45	/	/	<=34.77	Pass
		Inner_1RB_Right	22.37	/	/	25.51	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.35	/	/	24.49	/	/	<=34.77	Pass
		Edge_1RB_Right	21.31	/	/	24.45	/	/	<=34.77	Pass
		Outer_Full	21.45	/	/	24.59	/	/	<=34.77	Pass
		Inner_Full	22.56	/	/	25.70	/	/	<=34.77	Pass
		Inner_1RB_Left	22.27	/	/	25.41	/	/	<=34.77	Pass
		Inner_1RB_Right	22.33	/	/	25.47	/	/	<=34.77	Pass
	711	Edge_1RB_Left	21.37	/	/	24.51	/	/	<=34.77	Pass

		Edge_1RB_Right	21.39	/	/	24.53	/	/	<=34.77	Pass
		Outer_Full	21.40	/	/	24.54	/	/	<=34.77	Pass
		Inner_Full	22.43	/	/	25.57	/	/	<=34.77	Pass
		Inner_1RB_Left	22.35	/	/	25.49	/	/	<=34.77	Pass
DFT-s-OFDM 64 QAM	704	Inner_1RB_Right	22.43	/	/	25.57	/	/	<=34.77	Pass
		Edge_1RB_Left	20.87	/	/	24.01	/	/	<=34.77	Pass
		Edge_1RB_Right	20.99	/	/	24.13	/	/	<=34.77	Pass
		Outer_Full	20.78	/	/	23.92	/	/	<=34.77	Pass
		Inner_Full	20.75	/	/	23.89	/	/	<=34.77	Pass
		Inner_1RB_Left	20.76	/	/	23.90	/	/	<=34.77	Pass
	707.5	Inner_1RB_Right	20.82	/	/	23.96	/	/	<=34.77	Pass
		Edge_1RB_Left	21.01	/	/	24.15	/	/	<=34.77	Pass
		Edge_1RB_Right	20.97	/	/	24.11	/	/	<=34.77	Pass
		Outer_Full	20.93	/	/	24.07	/	/	<=34.77	Pass
		Inner_Full	20.88	/	/	24.02	/	/	<=34.77	Pass
		Inner_1RB_Left	20.93	/	/	24.07	/	/	<=34.77	Pass
	711	Inner_1RB_Right	20.99	/	/	24.13	/	/	<=34.77	Pass
		Edge_1RB_Left	20.98	/	/	24.12	/	/	<=34.77	Pass
		Edge_1RB_Right	21.05	/	/	24.19	/	/	<=34.77	Pass
		Outer_Full	20.98	/	/	24.12	/	/	<=34.77	Pass
Inner_Full		20.87	/	/	24.01	/	/	<=34.77	Pass	
Inner_1RB_Left		20.98	/	/	24.12	/	/	<=34.77	Pass	
DFT-s-OFDM 256 QAM	704	Inner_1RB_Right	20.98	/	/	24.12	/	/	<=34.77	Pass
		Edge_1RB_Left	18.32	/	/	21.46	/	/	<=34.77	Pass
		Edge_1RB_Right	18.28	/	/	21.42	/	/	<=34.77	Pass
		Outer_Full	18.76	/	/	21.90	/	/	<=34.77	Pass
		Inner_Full	18.67	/	/	21.81	/	/	<=34.77	Pass
		Inner_1RB_Left	18.32	/	/	21.46	/	/	<=34.77	Pass
	707.5	Inner_1RB_Right	18.31	/	/	21.45	/	/	<=34.77	Pass
		Edge_1RB_Left	18.29	/	/	21.43	/	/	<=34.77	Pass
		Edge_1RB_Right	18.35	/	/	21.49	/	/	<=34.77	Pass
		Outer_Full	18.83	/	/	21.97	/	/	<=34.77	Pass
		Inner_Full	18.82	/	/	21.96	/	/	<=34.77	Pass
		Inner_1RB_Left	18.30	/	/	21.44	/	/	<=34.77	Pass
	711	Inner_1RB_Right	18.39	/	/	21.53	/	/	<=34.77	Pass
		Edge_1RB_Left	18.38	/	/	21.52	/	/	<=34.77	Pass
		Edge_1RB_Right	18.35	/	/	21.49	/	/	<=34.77	Pass
		Outer_Full	18.92	/	/	22.06	/	/	<=34.77	Pass
Inner_Full		18.86	/	/	22.00	/	/	<=34.77	Pass	
Inner_1RB_Left		18.40	/	/	21.54	/	/	<=34.77	Pass	
CP-OFDM QPSK	704	Inner_1RB_Right	18.32	/	/	21.46	/	/	<=34.77	Pass
		Edge_1RB_Left	20.40	/	/	23.54	/	/	<=34.77	Pass
		Edge_1RB_Right	20.41	/	/	23.55	/	/	<=34.77	Pass
		Outer_Full	20.29	/	/	23.43	/	/	<=34.77	Pass
		Inner_Full	21.78	/	/	24.92	/	/	<=34.77	Pass
		Inner_1RB_Left	21.87	/	/	25.01	/	/	<=34.77	Pass
	707.5	Inner_1RB_Right	21.96	/	/	25.10	/	/	<=34.77	Pass
		Edge_1RB_Left	20.41	/	/	23.55	/	/	<=34.77	Pass
		Edge_1RB_Right	20.42	/	/	23.56	/	/	<=34.77	Pass
		Outer_Full	20.37	/	/	23.51	/	/	<=34.77	Pass
		Inner_Full	21.82	/	/	24.96	/	/	<=34.77	Pass
		Inner_1RB_Left	21.94	/	/	25.08	/	/	<=34.77	Pass
	711	Inner_1RB_Right	21.99	/	/	25.13	/	/	<=34.77	Pass
		Edge_1RB_Left	20.38	/	/	23.52	/	/	<=34.77	Pass
		Edge_1RB_Right	20.46	/	/	23.60	/	/	<=34.77	Pass
		Outer_Full	20.49	/	/	23.63	/	/	<=34.77	Pass
Inner_Full		21.91	/	/	25.05	/	/	<=34.77	Pass	
Inner_1RB_Left		21.94	/	/	25.08	/	/	<=34.77	Pass	

CP-OFDM 16 QAM	704	Inner_1RB_Right	21.96	/	/	25.10	/	/	<=34.77	Pass
		Edge_1RB_Left	20.18	/	/	23.32	/	/	<=34.77	Pass
		Edge_1RB_Right	20.35	/	/	23.49	/	/	<=34.77	Pass
		Outer_Full	20.42	/	/	23.56	/	/	<=34.77	Pass
		Inner_Full	21.33	/	/	24.47	/	/	<=34.77	Pass
		Inner_1RB_Left	21.36	/	/	24.50	/	/	<=34.77	Pass
	707.5	Inner_1RB_Right	21.46	/	/	24.60	/	/	<=34.77	Pass
		Edge_1RB_Left	20.26	/	/	23.40	/	/	<=34.77	Pass
		Edge_1RB_Right	20.44	/	/	23.58	/	/	<=34.77	Pass
		Outer_Full	20.42	/	/	23.56	/	/	<=34.77	Pass
		Inner_Full	21.32	/	/	24.46	/	/	<=34.77	Pass
		Inner_1RB_Left	21.24	/	/	24.38	/	/	<=34.77	Pass
	711	Inner_1RB_Right	21.43	/	/	24.57	/	/	<=34.77	Pass
		Edge_1RB_Left	20.31	/	/	23.45	/	/	<=34.77	Pass
		Edge_1RB_Right	20.29	/	/	23.43	/	/	<=34.77	Pass
		Outer_Full	20.36	/	/	23.50	/	/	<=34.77	Pass
		Inner_Full	21.41	/	/	24.55	/	/	<=34.77	Pass
		Inner_1RB_Left	21.36	/	/	24.50	/	/	<=34.77	Pass
CP-OFDM 64 QAM	704	Inner_1RB_Right	21.43	/	/	24.57	/	/	<=34.77	Pass
		Edge_1RB_Left	19.82	/	/	22.96	/	/	<=34.77	Pass
		Edge_1RB_Right	19.88	/	/	23.02	/	/	<=34.77	Pass
		Outer_Full	19.75	/	/	22.89	/	/	<=34.77	Pass
		Inner_Full	19.85	/	/	22.99	/	/	<=34.77	Pass
		Inner_1RB_Left	19.79	/	/	22.93	/	/	<=34.77	Pass
	707.5	Inner_1RB_Right	19.90	/	/	23.04	/	/	<=34.77	Pass
		Edge_1RB_Left	19.90	/	/	23.04	/	/	<=34.77	Pass
		Edge_1RB_Right	20.00	/	/	23.14	/	/	<=34.77	Pass
		Outer_Full	19.97	/	/	23.11	/	/	<=34.77	Pass
		Inner_Full	19.91	/	/	23.05	/	/	<=34.77	Pass
		Inner_1RB_Left	19.93	/	/	23.07	/	/	<=34.77	Pass
	711	Inner_1RB_Right	19.92	/	/	23.06	/	/	<=34.77	Pass
		Edge_1RB_Left	19.89	/	/	23.03	/	/	<=34.77	Pass
		Edge_1RB_Right	19.92	/	/	23.06	/	/	<=34.77	Pass
		Outer_Full	19.90	/	/	23.04	/	/	<=34.77	Pass
		Inner_Full	19.90	/	/	23.04	/	/	<=34.77	Pass
		Inner_1RB_Left	19.93	/	/	23.07	/	/	<=34.77	Pass
CP-OFDM 256 QAM	704	Inner_1RB_Right	19.99	/	/	23.13	/	/	<=34.77	Pass
		Edge_1RB_Left	16.34	/	/	19.48	/	/	<=34.77	Pass
		Edge_1RB_Right	16.44	/	/	19.58	/	/	<=34.77	Pass
		Outer_Full	16.71	/	/	19.85	/	/	<=34.77	Pass
		Inner_Full	16.79	/	/	19.93	/	/	<=34.77	Pass
		Inner_1RB_Left	16.34	/	/	19.48	/	/	<=34.77	Pass
	707.5	Inner_1RB_Right	16.49	/	/	19.63	/	/	<=34.77	Pass
		Edge_1RB_Left	16.40	/	/	19.54	/	/	<=34.77	Pass
		Edge_1RB_Right	16.43	/	/	19.57	/	/	<=34.77	Pass
		Outer_Full	16.88	/	/	20.02	/	/	<=34.77	Pass
		Inner_Full	16.91	/	/	20.05	/	/	<=34.77	Pass
		Inner_1RB_Left	16.40	/	/	19.54	/	/	<=34.77	Pass
	711	Inner_1RB_Right	16.46	/	/	19.60	/	/	<=34.77	Pass
		Edge_1RB_Left	16.48	/	/	19.62	/	/	<=34.77	Pass
		Edge_1RB_Right	16.42	/	/	19.56	/	/	<=34.77	Pass
		Outer_Full	16.88	/	/	20.02	/	/	<=34.77	Pass
		Inner_Full	17.00	/	/	20.14	/	/	<=34.77	Pass
		Inner_1RB_Left	16.51	/	/	19.65	/	/	<=34.77	Pass
		Inner_1RB_Right	16.47	/	/	19.61	/	/	<=34.77	Pass

Note1: Antenna Gain: Ant1: 5.29dBi;
 Note2: EIRP=Conducted Power+Antenna Gain

1.1.3 15k_SISO_15MHz_NTNV_ERP

5G NR n12 SCS=15kHz SISO 15MHz NTNv										
Modulation	Frequency (MHz)	RB Allocation	Conducted Power(dBm)			ERP(dBm)			Verdict	
			Ant1	Ant2	Sum	Ant1	Ant2	Sum		Limit
DFT-s-OFDM PI/2 BPSK	706.5	Edge_1RB_Left	22.95	/	/	26.09	/	/	<=34.77	Pass
		Edge_1RB_Right	22.91	/	/	26.05	/	/	<=34.77	Pass
		Outer_Full	22.85	/	/	25.99	/	/	<=34.77	Pass
		Inner_Full	23.33	/	/	26.47	/	/	<=34.77	Pass
		Inner_1RB_Left	23.34	/	/	26.48	/	/	<=34.77	Pass
		Inner_1RB_Right	23.37	/	/	26.51	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.78	/	/	25.92	/	/	<=34.77	Pass
		Edge_1RB_Right	23.00	/	/	26.14	/	/	<=34.77	Pass
		Outer_Full	22.87	/	/	26.01	/	/	<=34.77	Pass
		Inner_Full	23.32	/	/	26.46	/	/	<=34.77	Pass
		Inner_1RB_Left	23.40	/	/	26.54	/	/	<=34.77	Pass
		Inner_1RB_Right	23.48	/	/	26.62	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	22.78	/	/	25.92	/	/	<=34.77	Pass
		Edge_1RB_Right	22.91	/	/	26.05	/	/	<=34.77	Pass
		Outer_Full	22.82	/	/	25.96	/	/	<=34.77	Pass
		Inner_Full	23.45	/	/	26.59	/	/	<=34.77	Pass
		Inner_1RB_Left	23.30	/	/	26.44	/	/	<=34.77	Pass
		Inner_1RB_Right	23.44	/	/	26.58	/	/	<=34.77	Pass
DFT-s-OFDM QPSK	706.5	Edge_1RB_Left	22.40	/	/	25.54	/	/	<=34.77	Pass
		Edge_1RB_Right	22.42	/	/	25.56	/	/	<=34.77	Pass
		Outer_Full	22.36	/	/	25.50	/	/	<=34.77	Pass
		Inner_Full	23.28	/	/	26.42	/	/	<=34.77	Pass
		Inner_1RB_Left	23.45	/	/	26.59	/	/	<=34.77	Pass
		Inner_1RB_Right	23.43	/	/	26.57	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	22.37	/	/	25.51	/	/	<=34.77	Pass
		Edge_1RB_Right	22.43	/	/	25.57	/	/	<=34.77	Pass
		Outer_Full	22.26	/	/	25.40	/	/	<=34.77	Pass
		Inner_Full	23.33	/	/	26.47	/	/	<=34.77	Pass
		Inner_1RB_Left	23.29	/	/	26.43	/	/	<=34.77	Pass
		Inner_1RB_Right	23.32	/	/	26.46	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	22.35	/	/	25.49	/	/	<=34.77	Pass
		Edge_1RB_Right	22.48	/	/	25.62	/	/	<=34.77	Pass
		Outer_Full	22.44	/	/	25.58	/	/	<=34.77	Pass
		Inner_Full	23.38	/	/	26.52	/	/	<=34.77	Pass
		Inner_1RB_Left	23.37	/	/	26.51	/	/	<=34.77	Pass
		Inner_1RB_Right	23.35	/	/	26.49	/	/	<=34.77	Pass
DFT-s-OFDM 16 QAM	706.5	Edge_1RB_Left	21.38	/	/	24.52	/	/	<=34.77	Pass
		Edge_1RB_Right	21.47	/	/	24.61	/	/	<=34.77	Pass
		Outer_Full	21.39	/	/	24.53	/	/	<=34.77	Pass
		Inner_Full	22.21	/	/	25.35	/	/	<=34.77	Pass
		Inner_1RB_Left	22.41	/	/	25.55	/	/	<=34.77	Pass
		Inner_1RB_Right	22.37	/	/	25.51	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	21.29	/	/	24.43	/	/	<=34.77	Pass
		Edge_1RB_Right	21.40	/	/	24.54	/	/	<=34.77	Pass
		Outer_Full	21.36	/	/	24.50	/	/	<=34.77	Pass
		Inner_Full	22.27	/	/	25.41	/	/	<=34.77	Pass
		Inner_1RB_Left	22.28	/	/	25.42	/	/	<=34.77	Pass
		Inner_1RB_Right	22.42	/	/	25.56	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	21.31	/	/	24.45	/	/	<=34.77	Pass
		Edge_1RB_Right	21.45	/	/	24.59	/	/	<=34.77	Pass

		Outer_Full	21.38	/	/	24.52	/	/	<=34.77	Pass	
		Inner_Full	22.33	/	/	25.47	/	/	<=34.77	Pass	
		Inner_1RB_Left	22.30	/	/	25.44	/	/	<=34.77	Pass	
		Inner_1RB_Right	22.42	/	/	25.56	/	/	<=34.77	Pass	
DFT-s-OFDM 64 QAM	706.5	Edge_1RB_Left	21.10	/	/	24.24	/	/	<=34.77	Pass	
		Edge_1RB_Right	21.04	/	/	24.18	/	/	<=34.77	Pass	
		Outer_Full	20.83	/	/	23.97	/	/	<=34.77	Pass	
		Inner_Full	20.87	/	/	24.01	/	/	<=34.77	Pass	
			Inner_1RB_Left	21.06	/	/	24.20	/	/	<=34.77	Pass
			Inner_1RB_Right	21.05	/	/	24.19	/	/	<=34.77	Pass
			Edge_1RB_Left	20.91	/	/	24.05	/	/	<=34.77	Pass
			Edge_1RB_Right	21.04	/	/	24.18	/	/	<=34.77	Pass
	707.5		Outer_Full	20.80	/	/	23.94	/	/	<=34.77	Pass
			Inner_Full	20.88	/	/	24.02	/	/	<=34.77	Pass
			Inner_1RB_Left	20.95	/	/	24.09	/	/	<=34.77	Pass
			Inner_1RB_Right	21.17	/	/	24.31	/	/	<=34.77	Pass
	708.5		Edge_1RB_Left	20.99	/	/	24.13	/	/	<=34.77	Pass
			Edge_1RB_Right	21.06	/	/	24.20	/	/	<=34.77	Pass
			Outer_Full	20.80	/	/	23.94	/	/	<=34.77	Pass
			Inner_Full	20.86	/	/	24.00	/	/	<=34.77	Pass
DFT-s-OFDM 256 QAM	706.5	Inner_1RB_Left	21.02	/	/	24.16	/	/	<=34.77	Pass	
		Inner_1RB_Right	21.04	/	/	24.18	/	/	<=34.77	Pass	
		Edge_1RB_Left	18.44	/	/	21.58	/	/	<=34.77	Pass	
		Edge_1RB_Right	18.45	/	/	21.59	/	/	<=34.77	Pass	
			Outer_Full	18.83	/	/	21.97	/	/	<=34.77	Pass
			Inner_Full	18.78	/	/	21.92	/	/	<=34.77	Pass
			Inner_1RB_Left	18.40	/	/	21.54	/	/	<=34.77	Pass
			Inner_1RB_Right	18.35	/	/	21.49	/	/	<=34.77	Pass
	707.5		Edge_1RB_Left	18.36	/	/	21.50	/	/	<=34.77	Pass
			Edge_1RB_Right	18.36	/	/	21.50	/	/	<=34.77	Pass
			Outer_Full	16.88	/	/	20.02	/	/	<=34.77	Pass
			Inner_Full	18.85	/	/	21.99	/	/	<=34.77	Pass
	708.5		Inner_1RB_Left	18.35	/	/	21.49	/	/	<=34.77	Pass
			Inner_1RB_Right	18.29	/	/	21.43	/	/	<=34.77	Pass
			Edge_1RB_Left	18.33	/	/	21.47	/	/	<=34.77	Pass
			Edge_1RB_Right	18.34	/	/	21.48	/	/	<=34.77	Pass
CP-OFDM QPSK	706.5	Outer_Full	18.89	/	/	22.03	/	/	<=34.77	Pass	
		Inner_Full	18.84	/	/	21.98	/	/	<=34.77	Pass	
		Inner_1RB_Left	18.40	/	/	21.54	/	/	<=34.77	Pass	
		Inner_1RB_Right	18.31	/	/	21.45	/	/	<=34.77	Pass	
	707.5		Edge_1RB_Left	20.48	/	/	23.62	/	/	<=34.77	Pass
			Edge_1RB_Right	20.47	/	/	23.61	/	/	<=34.77	Pass
			Outer_Full	20.31	/	/	23.45	/	/	<=34.77	Pass
			Inner_Full	21.74	/	/	24.88	/	/	<=34.77	Pass
	708.5		Inner_1RB_Left	21.97	/	/	25.11	/	/	<=34.77	Pass
			Inner_1RB_Right	22.00	/	/	25.14	/	/	<=34.77	Pass
			Edge_1RB_Left	20.41	/	/	23.55	/	/	<=34.77	Pass
			Edge_1RB_Right	20.44	/	/	23.58	/	/	<=34.77	Pass
			Outer_Full	20.24	/	/	23.38	/	/	<=34.77	Pass
			Inner_Full	21.77	/	/	24.91	/	/	<=34.77	Pass
			Inner_1RB_Left	21.83	/	/	24.97	/	/	<=34.77	Pass
			Inner_1RB_Right	22.02	/	/	25.16	/	/	<=34.77	Pass
707.5		Edge_1RB_Left	20.44	/	/	23.58	/	/	<=34.77	Pass	
		Edge_1RB_Right	20.44	/	/	23.58	/	/	<=34.77	Pass	
		Outer_Full	20.32	/	/	23.46	/	/	<=34.77	Pass	
		Inner_Full	21.82	/	/	24.96	/	/	<=34.77	Pass	
708.5		Inner_1RB_Left	21.96	/	/	25.10	/	/	<=34.77	Pass	
		Inner_1RB_Right	22.09	/	/	25.23	/	/	<=34.77	Pass	

CP-OFDM 16 QAM	706.5	Edge_1RB_Left	20.31	/	/	23.45	/	/	<=34.77	Pass
		Edge_1RB_Right	20.34	/	/	23.48	/	/	<=34.77	Pass
		Outer_Full	20.27	/	/	23.41	/	/	<=34.77	Pass
		Inner_Full	21.40	/	/	24.54	/	/	<=34.77	Pass
		Inner_1RB_Left	21.37	/	/	24.51	/	/	<=34.77	Pass
		Inner_1RB_Right	21.40	/	/	24.54	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	20.28	/	/	23.42	/	/	<=34.77	Pass
		Edge_1RB_Right	20.36	/	/	23.50	/	/	<=34.77	Pass
		Outer_Full	20.24	/	/	23.38	/	/	<=34.77	Pass
		Inner_Full	21.43	/	/	24.57	/	/	<=34.77	Pass
		Inner_1RB_Left	21.27	/	/	24.41	/	/	<=34.77	Pass
		Inner_1RB_Right	21.39	/	/	24.53	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	20.29	/	/	23.43	/	/	<=34.77	Pass
		Edge_1RB_Right	20.26	/	/	23.40	/	/	<=34.77	Pass
		Outer_Full	20.30	/	/	23.44	/	/	<=34.77	Pass
Inner_Full		21.39	/	/	24.53	/	/	<=34.77	Pass	
Inner_1RB_Left		21.31	/	/	24.45	/	/	<=34.77	Pass	
Inner_1RB_Right		21.37	/	/	24.51	/	/	<=34.77	Pass	
CP-OFDM 64 QAM	706.5	Edge_1RB_Left	19.96	/	/	23.10	/	/	<=34.77	Pass
		Edge_1RB_Right	19.99	/	/	23.13	/	/	<=34.77	Pass
		Outer_Full	19.84	/	/	22.98	/	/	<=34.77	Pass
		Inner_Full	19.82	/	/	22.96	/	/	<=34.77	Pass
		Inner_1RB_Left	19.99	/	/	23.13	/	/	<=34.77	Pass
		Inner_1RB_Right	20.04	/	/	23.18	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	19.87	/	/	23.01	/	/	<=34.77	Pass
		Edge_1RB_Right	19.94	/	/	23.08	/	/	<=34.77	Pass
		Outer_Full	19.79	/	/	22.93	/	/	<=34.77	Pass
		Inner_Full	19.86	/	/	23.00	/	/	<=34.77	Pass
		Inner_1RB_Left	19.93	/	/	23.07	/	/	<=34.77	Pass
		Inner_1RB_Right	19.94	/	/	23.08	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	19.91	/	/	23.05	/	/	<=34.77	Pass
		Edge_1RB_Right	19.90	/	/	23.04	/	/	<=34.77	Pass
		Outer_Full	19.87	/	/	23.01	/	/	<=34.77	Pass
Inner_Full		19.85	/	/	22.99	/	/	<=34.77	Pass	
Inner_1RB_Left		19.94	/	/	23.08	/	/	<=34.77	Pass	
Inner_1RB_Right		19.99	/	/	23.13	/	/	<=34.77	Pass	
CP-OFDM 256 QAM	706.5	Edge_1RB_Left	16.57	/	/	19.71	/	/	<=34.77	Pass
		Edge_1RB_Right	16.49	/	/	19.63	/	/	<=34.77	Pass
		Outer_Full	16.87	/	/	20.01	/	/	<=34.77	Pass
		Inner_Full	16.76	/	/	19.90	/	/	<=34.77	Pass
		Inner_1RB_Left	16.53	/	/	19.67	/	/	<=34.77	Pass
		Inner_1RB_Right	16.55	/	/	19.69	/	/	<=34.77	Pass
	707.5	Edge_1RB_Left	16.49	/	/	19.63	/	/	<=34.77	Pass
		Edge_1RB_Right	16.51	/	/	19.65	/	/	<=34.77	Pass
		Outer_Full	16.80	/	/	19.94	/	/	<=34.77	Pass
		Inner_Full	16.84	/	/	19.98	/	/	<=34.77	Pass
		Inner_1RB_Left	16.47	/	/	19.61	/	/	<=34.77	Pass
		Inner_1RB_Right	16.47	/	/	19.61	/	/	<=34.77	Pass
	708.5	Edge_1RB_Left	16.54	/	/	19.68	/	/	<=34.77	Pass
		Edge_1RB_Right	16.45	/	/	19.59	/	/	<=34.77	Pass
		Outer_Full	16.89	/	/	20.03	/	/	<=34.77	Pass
Inner_Full		16.85	/	/	19.99	/	/	<=34.77	Pass	
Inner_1RB_Left		16.49	/	/	19.63	/	/	<=34.77	Pass	
Inner_1RB_Right		16.46	/	/	19.60	/	/	<=34.77	Pass	

Note1: Antenna Gain: Ant1: 5.29dBi;

Note2: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 15k_SISO_5MHz

5G NR n12 SCS=15kHz SISO 5MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	707.5	Outer_Full	20	LV	-1.20	-0.0017	>=-2.5 & <=2.5	Pass
				HV	2.90	0.0041	>=-2.5 & <=2.5	Pass
			-30	NV	1.90	0.0027	>=-2.5 & <=2.5	Pass
			-20	NV	2.60	0.0037	>=-2.5 & <=2.5	Pass
			-10	NV	-1.20	-0.0017	>=-2.5 & <=2.5	Pass
			0	NV	1.40	0.0020	>=-2.5 & <=2.5	Pass
			10	NV	2.20	0.0031	>=-2.5 & <=2.5	Pass
			20	NV	-4.50	-0.0064	>=-2.5 & <=2.5	Pass
			30	NV	2.80	0.0040	>=-2.5 & <=2.5	Pass
			40	NV	1.20	0.0017	>=-2.5 & <=2.5	Pass
50	NV	1.40	0.0020	>=-2.5 & <=2.5	Pass			

2.1.2 15k_SISO_10MHz

5G NR n12 SCS=15kHz SISO 10MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	707.5	Outer_Full	20	LV	-4.50	-0.0064	>=-2.5 & <=2.5	Pass
				HV	-1.60	-0.0023	>=-2.5 & <=2.5	Pass
			-30	NV	2.50	0.0035	>=-2.5 & <=2.5	Pass
			-20	NV	0.90	0.0013	>=-2.5 & <=2.5	Pass
			-10	NV	2.60	0.0037	>=-2.5 & <=2.5	Pass
			0	NV	-1.90	-0.0027	>=-2.5 & <=2.5	Pass
			10	NV	-0.90	-0.0013	>=-2.5 & <=2.5	Pass
			20	NV	1.70	0.0024	>=-2.5 & <=2.5	Pass
			30	NV	-4.30	-0.0061	>=-2.5 & <=2.5	Pass
			40	NV	-1.40	-0.0020	>=-2.5 & <=2.5	Pass
50	NV	-2.70	-0.0038	>=-2.5 & <=2.5	Pass			

2.1.3 15k_SISO_15MHz

5G NR n12 SCS=15kHz SISO 15MHz								
Modulation	Frequency (MHz)	RB Allocation	Temp. (°C)	Volt.	Freq. Error (Hz)	Freq. vs. rated (ppm)		Verdict
						Result	Limit	
DFT-s-OFDM QPSK	707.5	Outer_Full	20	LV	-2.60	-0.0037	>=-2.5 & <=2.5	Pass
				HV	-5.70	-0.0081	>=-2.5 & <=2.5	Pass
			-30	NV	-5.80	-0.0082	>=-2.5 & <=2.5	Pass
			-20	NV	-6.50	-0.0092	>=-2.5 & <=2.5	Pass
			-10	NV	-2.50	-0.0035	>=-2.5 & <=2.5	Pass
			0	NV	-3.20	-0.0045	>=-2.5 & <=2.5	Pass
			10	NV	-4.60	-0.0065	>=-2.5 & <=2.5	Pass
			20	NV	-4.30	-0.0061	>=-2.5 & <=2.5	Pass
			30	NV	-6.00	-0.0085	>=-2.5 & <=2.5	Pass
			40	NV	-5.50	-0.0078	>=-2.5 & <=2.5	Pass

			50	NV	-3.60	-0.0051	>=-2.5 & <=2.5	Pass
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3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 15k_SISO_5MHz_NTNV

5G NR n12 SCS=15kHz SISO 5MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	701.5	Outer_Full	4.53	5.20	/	Pass
	707.5	Outer_Full	4.56	5.30	/	Pass
	713.5	Outer_Full	4.56	5.29	/	Pass
DFT-s-OFDM QPSK	701.5	Outer_Full	4.52	5.22	/	Pass
	707.5	Outer_Full	4.53	5.22	/	Pass
	713.5	Outer_Full	4.53	5.21	/	Pass
DFT-s-OFDM 16 QAM	701.5	Outer_Full	4.56	5.25	/	Pass
	707.5	Outer_Full	4.58	5.34	/	Pass
	713.5	Outer_Full	4.60	5.31	/	Pass
DFT-s-OFDM 64 QAM	701.5	Outer_Full	4.52	5.19	/	Pass
	707.5	Outer_Full	4.55	5.26	/	Pass
	713.5	Outer_Full	4.56	5.26	/	Pass
DFT-s-OFDM 256 QAM	701.5	Outer_Full	4.54	5.30	/	Pass
	707.5	Outer_Full	4.54	5.21	/	Pass
	713.5	Outer_Full	4.52	5.28	/	Pass
CP-OFDM QPSK	701.5	Outer_Full	4.55	5.34	/	Pass
	707.5	Outer_Full	4.57	5.27	/	Pass
	713.5	Outer_Full	4.55	5.26	/	Pass
CP-OFDM 16 QAM	701.5	Outer_Full	4.55	5.31	/	Pass
	707.5	Outer_Full	4.56	5.33	/	Pass
	713.5	Outer_Full	4.55	5.26	/	Pass
CP-OFDM 64 QAM	701.5	Outer_Full	4.55	5.21	/	Pass
	707.5	Outer_Full	4.56	5.27	/	Pass
	713.5	Outer_Full	4.56	5.29	/	Pass
CP-OFDM 256 QAM	701.5	Outer_Full	4.55	5.29	/	Pass
	707.5	Outer_Full	4.55	5.38	/	Pass
	713.5	Outer_Full	4.58	5.40	/	Pass

3.1.2 15k_SISO_10MHz_NTNV

5G NR n12 SCS=15kHz SISO 10MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	704	Outer_Full	9.06	9.99	/	Pass
	707.5	Outer_Full	9.03	9.93	/	Pass
	711	Outer_Full	8.98	9.93	/	Pass
DFT-s-OFDM QPSK	704	Outer_Full	9.08	10.06	/	Pass
	707.5	Outer_Full	9.06	10.00	/	Pass
	711	Outer_Full	9.01	9.99	/	Pass
DFT-s-OFDM 16 QAM	704	Outer_Full	9.09	10.05	/	Pass
	707.5	Outer_Full	9.07	9.94	/	Pass
	711	Outer_Full	8.99	9.89	/	Pass

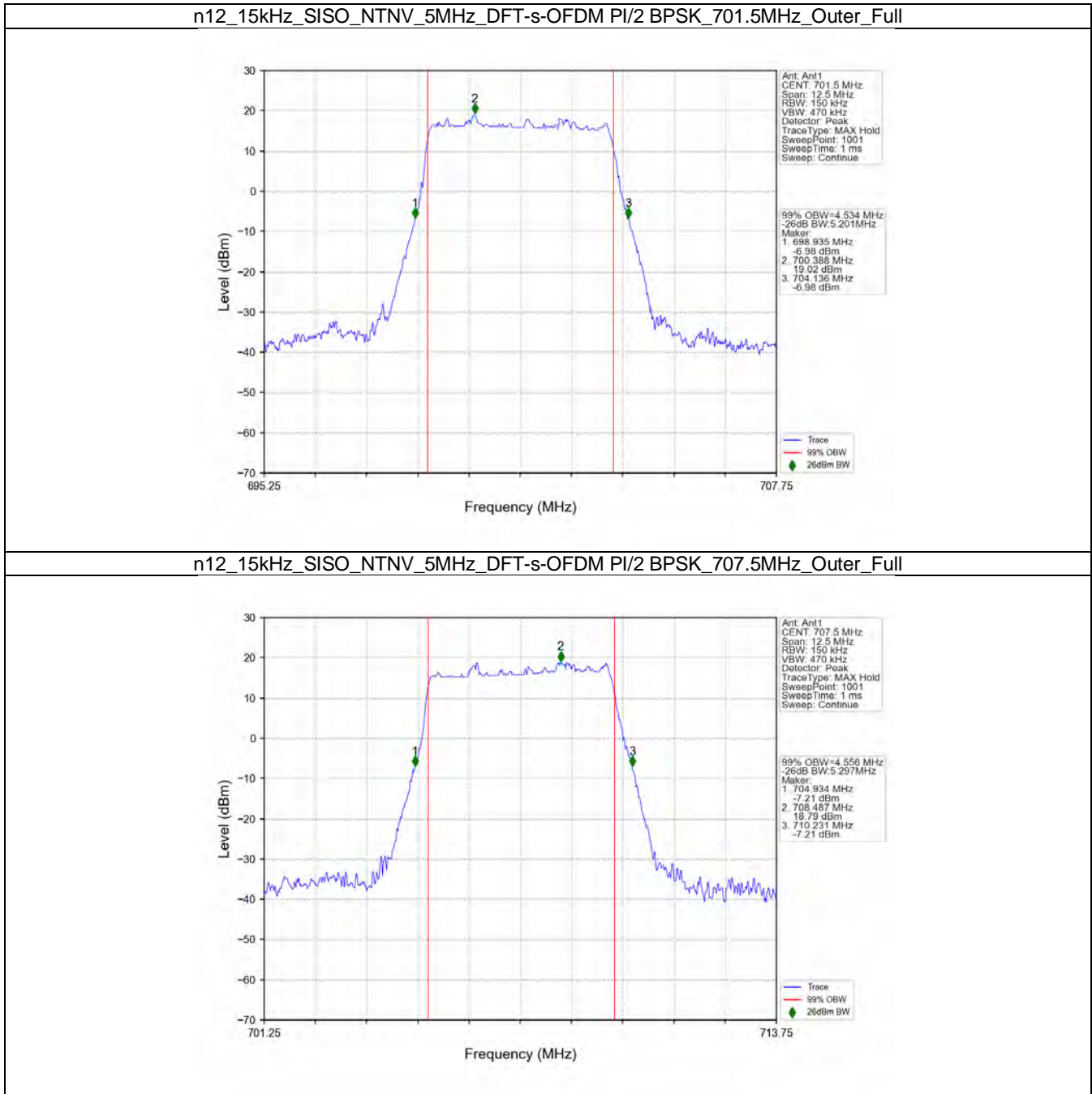
DFT-s-OFDM 64 QAM	704	Outer_Full	9.06	10.04	/	Pass
	707.5	Outer_Full	9.05	9.97	/	Pass
	711	Outer_Full	8.98	10.00	/	Pass
DFT-s-OFDM 256 QAM	704	Outer_Full	9.08	10.12	/	Pass
	707.5	Outer_Full	9.05	9.94	/	Pass
	711	Outer_Full	8.99	9.86	/	Pass
CP-OFDM QPSK	704	Outer_Full	9.41	10.42	/	Pass
	707.5	Outer_Full	9.38	10.42	/	Pass
	711	Outer_Full	9.34	10.42	/	Pass
CP-OFDM 16 QAM	704	Outer_Full	9.42	10.44	/	Pass
	707.5	Outer_Full	9.40	10.45	/	Pass
	711	Outer_Full	9.35	10.39	/	Pass
CP-OFDM 64 QAM	704	Outer_Full	9.39	10.40	/	Pass
	707.5	Outer_Full	9.37	10.39	/	Pass
	711	Outer_Full	9.30	10.21	/	Pass
CP-OFDM 256 QAM	704	Outer_Full	9.42	10.46	/	Pass
	707.5	Outer_Full	9.41	10.38	/	Pass
	711	Outer_Full	9.36	10.32	/	Pass

3.1.3 15k_SISO_15MHz_NTNV

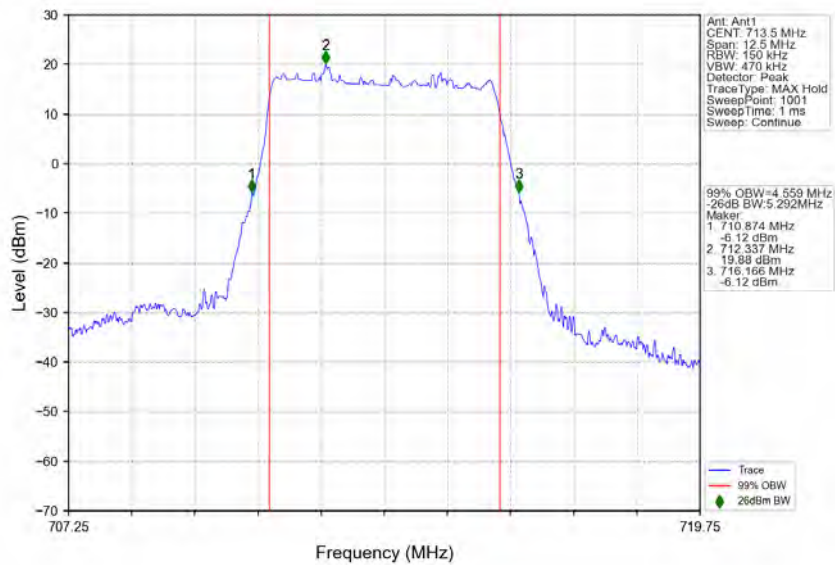
5G NR n12 SCS=15kHz SISO 15MHz NTN						
Modulation	Frequency (MHz)	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	706.5	Outer_Full	13.57	14.69	/	Pass
	707.5	Outer_Full	13.56	14.67	/	Pass
	708.5	Outer_Full	13.54	14.77	/	Pass
DFT-s-OFDM QPSK	706.5	Outer_Full	13.60	14.72	/	Pass
	707.5	Outer_Full	13.60	14.85	/	Pass
	708.5	Outer_Full	13.56	14.82	/	Pass
DFT-s-OFDM 16 QAM	706.5	Outer_Full	13.63	14.81	/	Pass
	707.5	Outer_Full	13.63	14.82	/	Pass
	708.5	Outer_Full	13.60	14.80	/	Pass
DFT-s-OFDM 64 QAM	706.5	Outer_Full	13.55	14.86	/	Pass
	707.5	Outer_Full	13.54	14.78	/	Pass
	708.5	Outer_Full	13.52	14.76	/	Pass
DFT-s-OFDM 256 QAM	706.5	Outer_Full	13.60	14.83	/	Pass
	707.5	Outer_Full	13.58	14.74	/	Pass
	708.5	Outer_Full	13.55	14.91	/	Pass
CP-OFDM QPSK	706.5	Outer_Full	14.24	15.47	/	Pass
	707.5	Outer_Full	14.24	15.47	/	Pass
	708.5	Outer_Full	14.23	15.47	/	Pass
CP-OFDM 16 QAM	706.5	Outer_Full	14.27	15.56	/	Pass
	707.5	Outer_Full	14.26	15.48	/	Pass
	708.5	Outer_Full	14.26	15.50	/	Pass
CP-OFDM 64 QAM	706.5	Outer_Full	14.29	15.59	/	Pass
	707.5	Outer_Full	14.28	15.49	/	Pass
	708.5	Outer_Full	14.29	15.61	/	Pass
CP-OFDM 256 QAM	706.5	Outer_Full	14.24	15.46	/	Pass
	707.5	Outer_Full	14.22	15.60	/	Pass
	708.5	Outer_Full	14.24	15.54	/	Pass

3.2 Test Graph

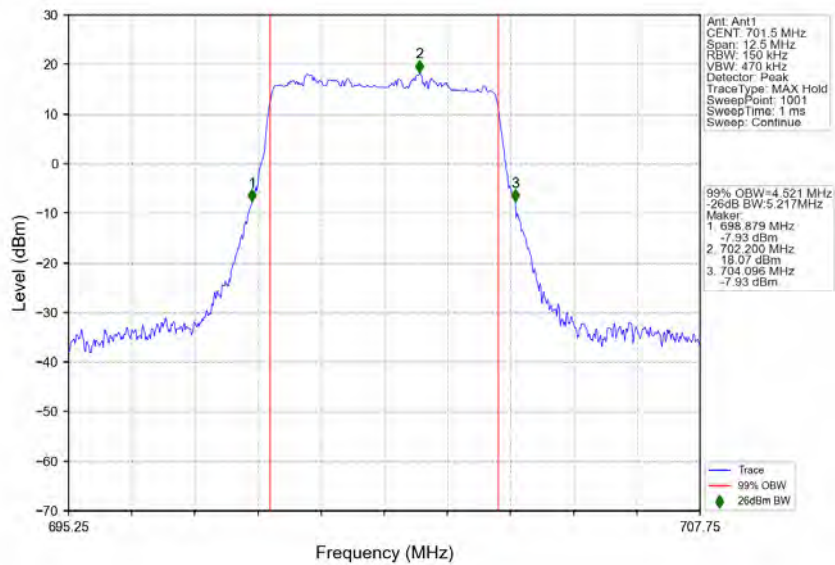
3.2.1 15k_SISO_5MHz_NTNV



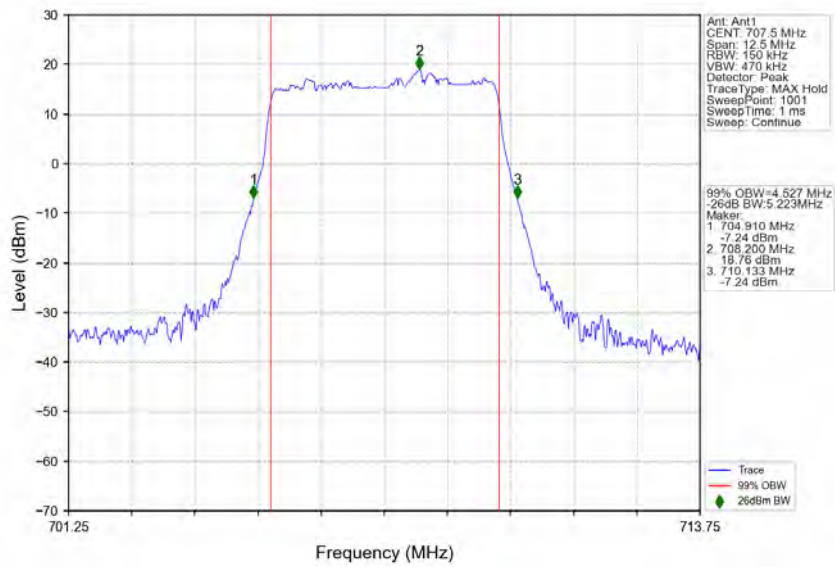
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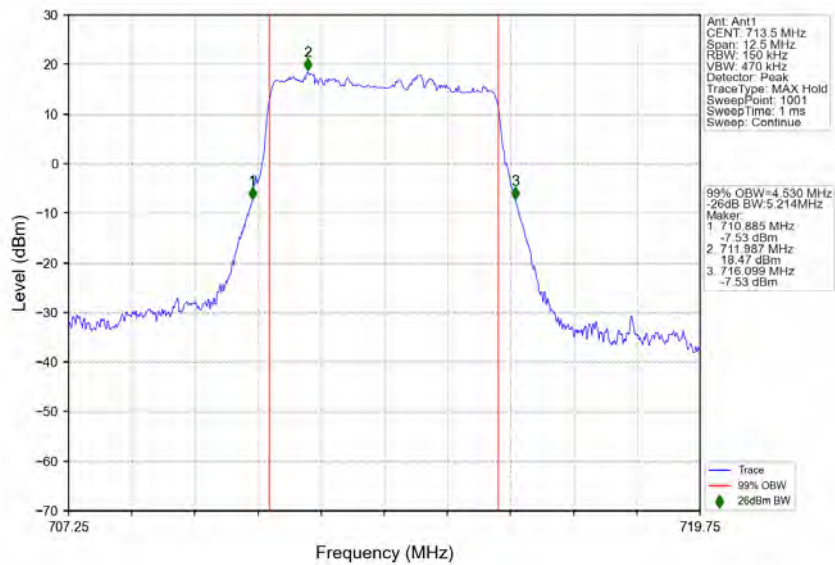
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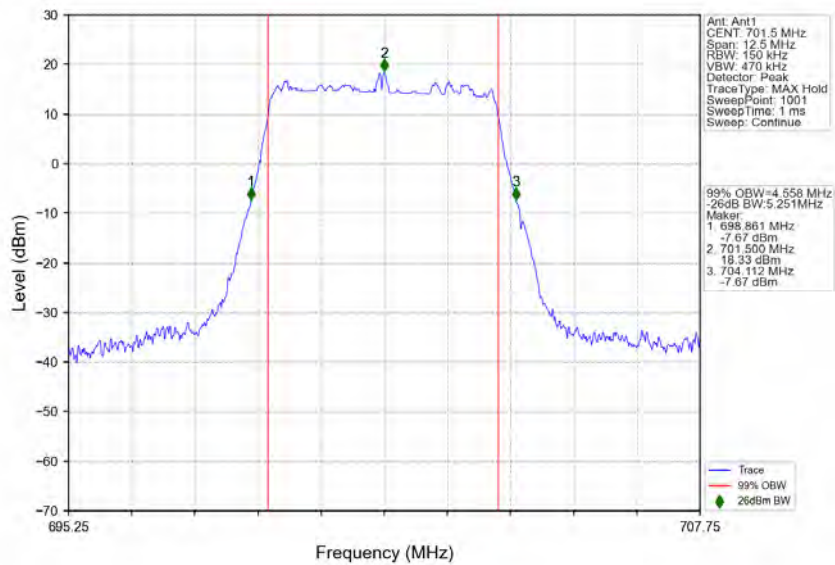
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_707.5MHz_Outer_Full



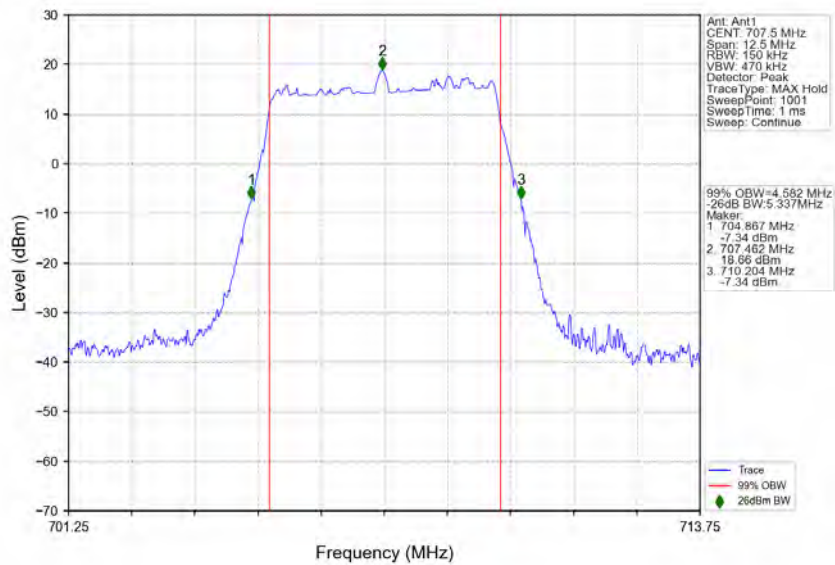
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_713.5MHz_Outer_Full



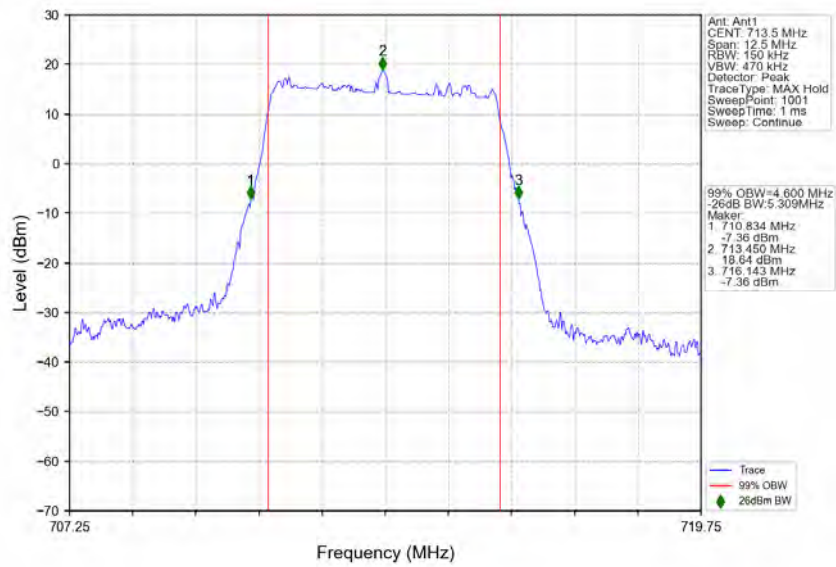
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16 QAM_701.5MHz_Outer_Full



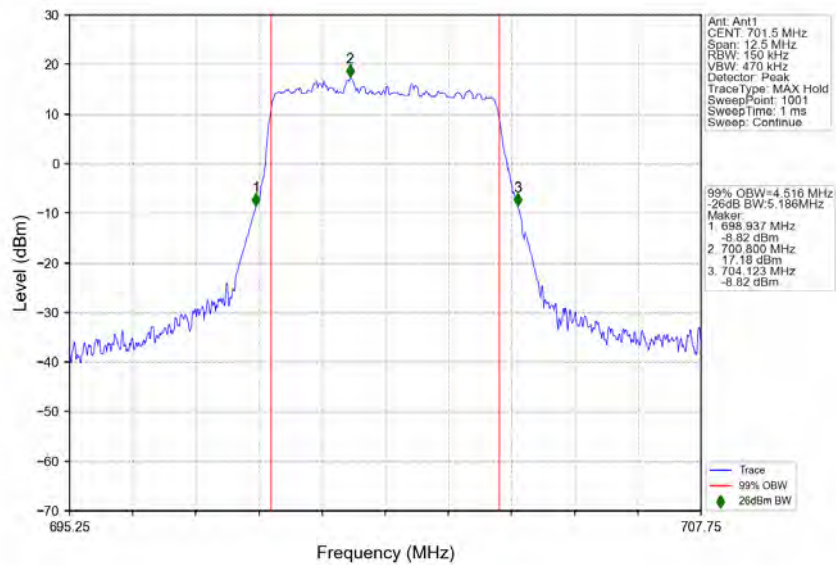
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_16 QAM_707.5MHz_Outer_Full



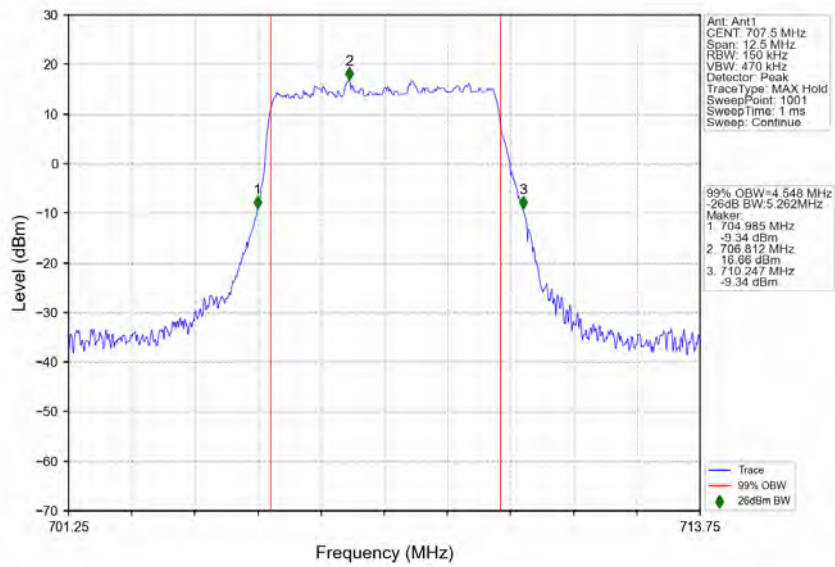
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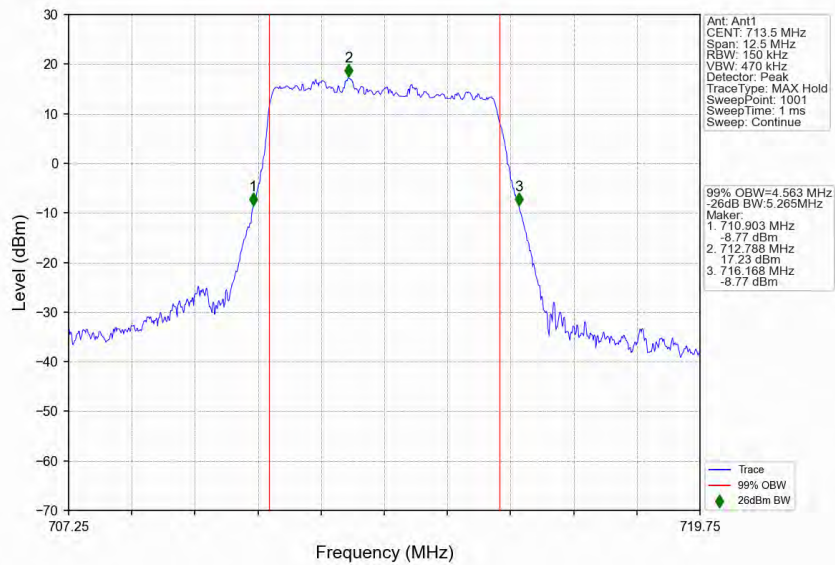
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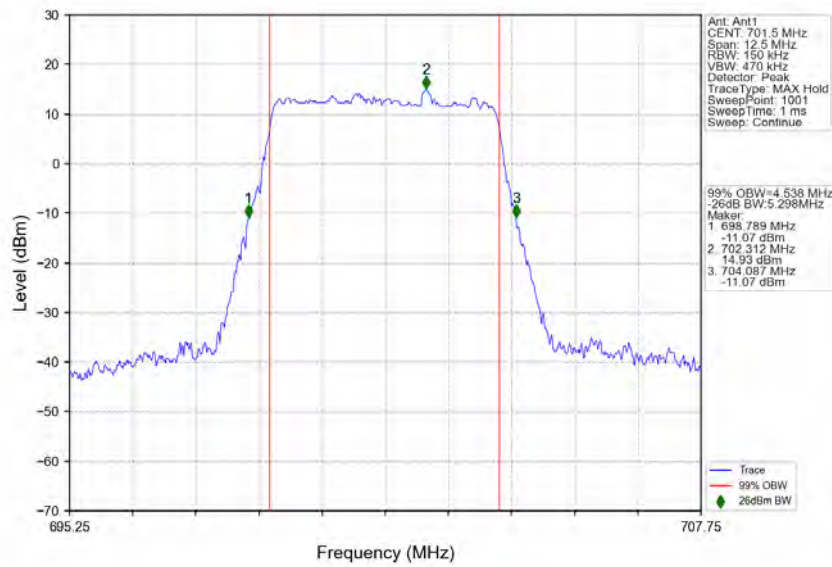
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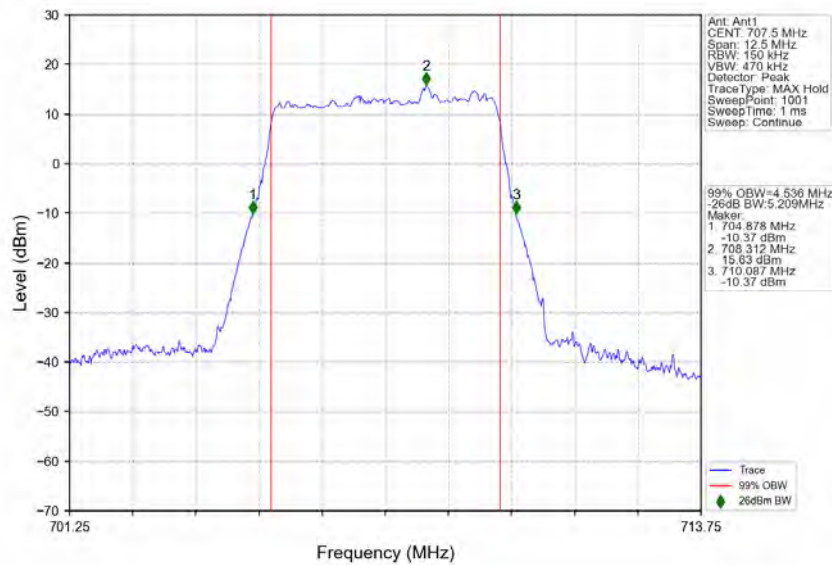
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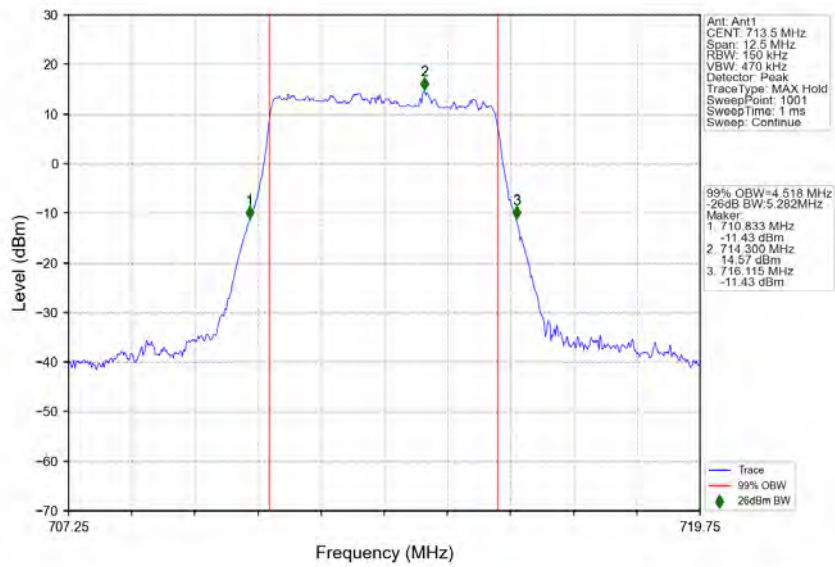
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_701.5MHz_Outer_Full



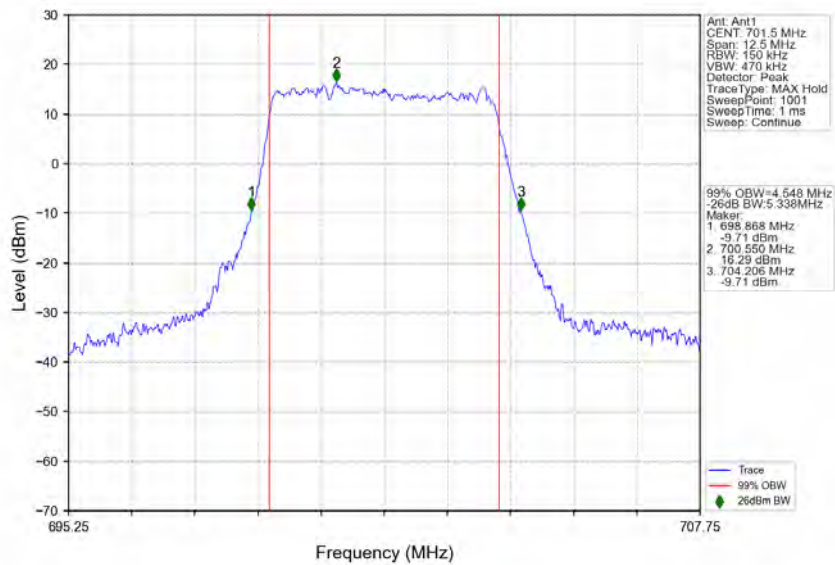
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM_256_QAM_707.5MHz_Outer_Full



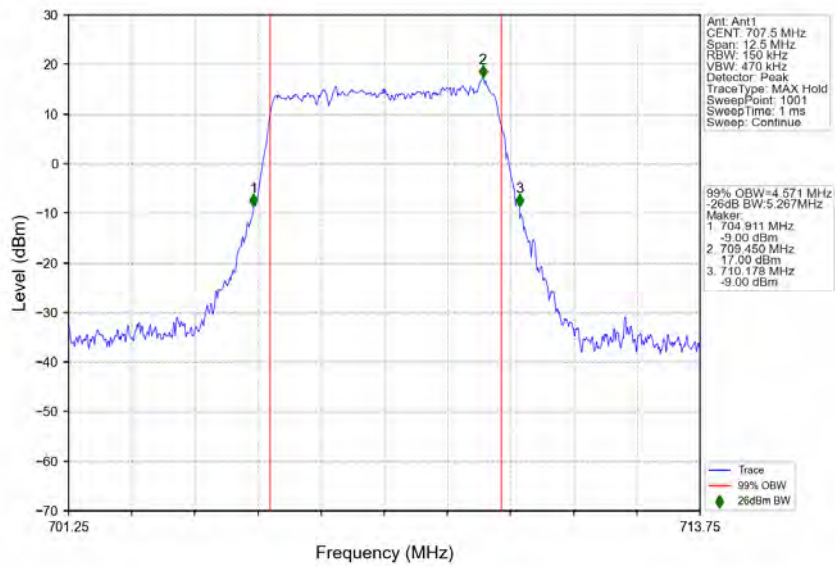
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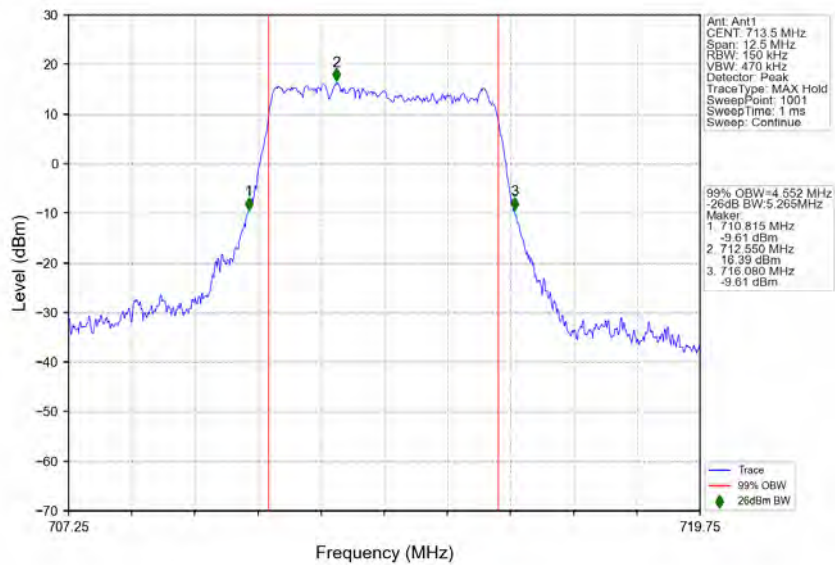
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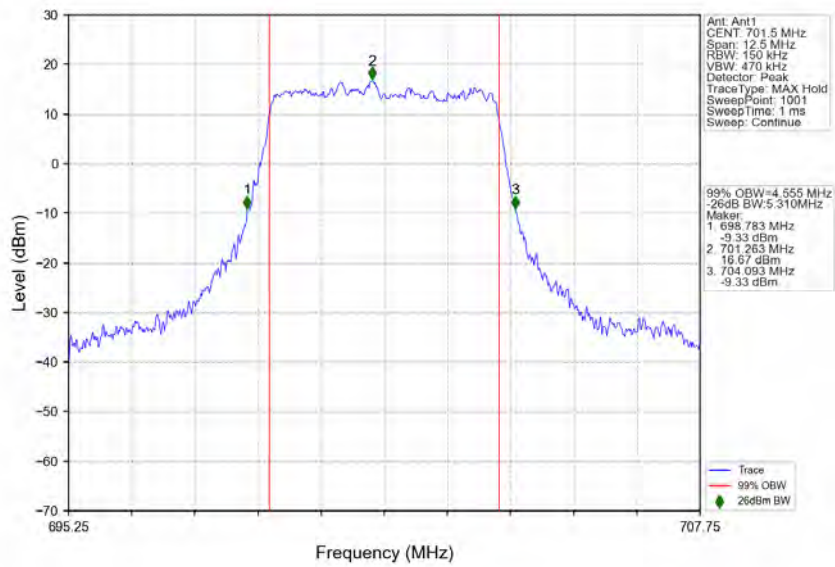
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_707.5MHz_Outer_Full



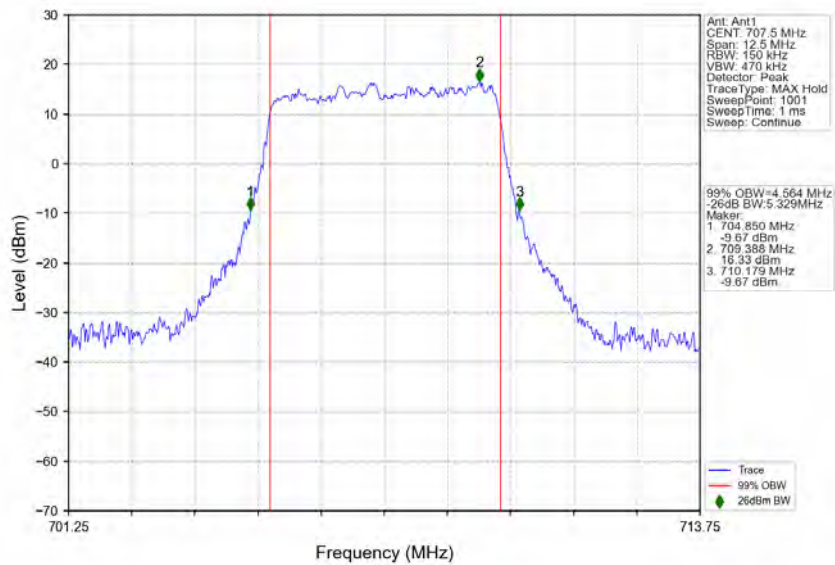
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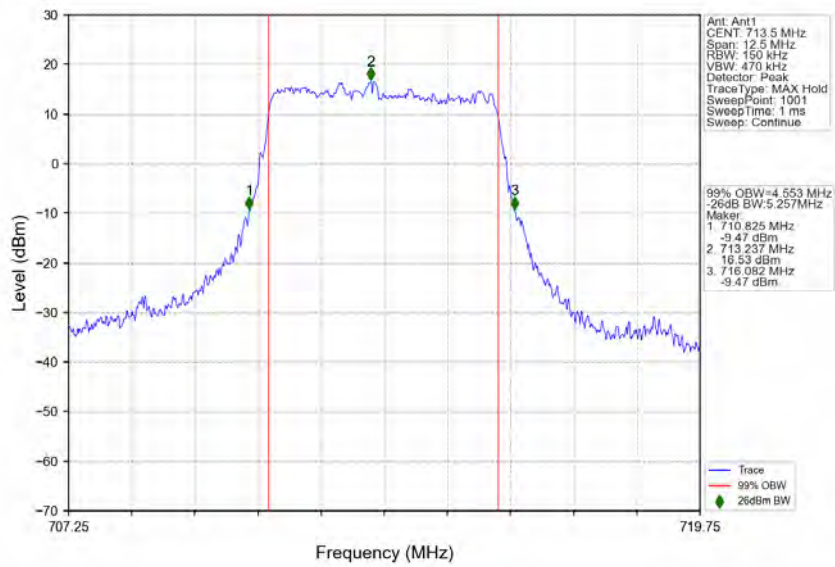
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_701.5MHz_Outer_Full



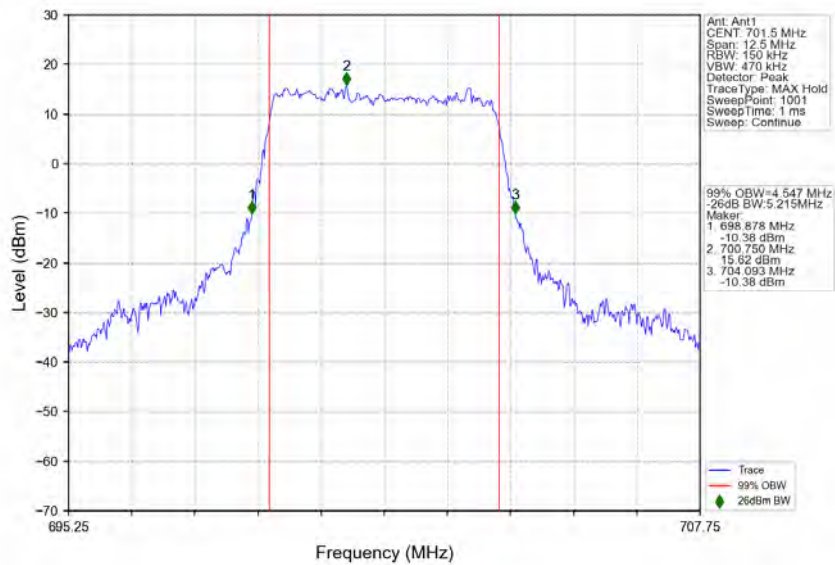
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM 16 QAM_707.5MHz_Outer_Full



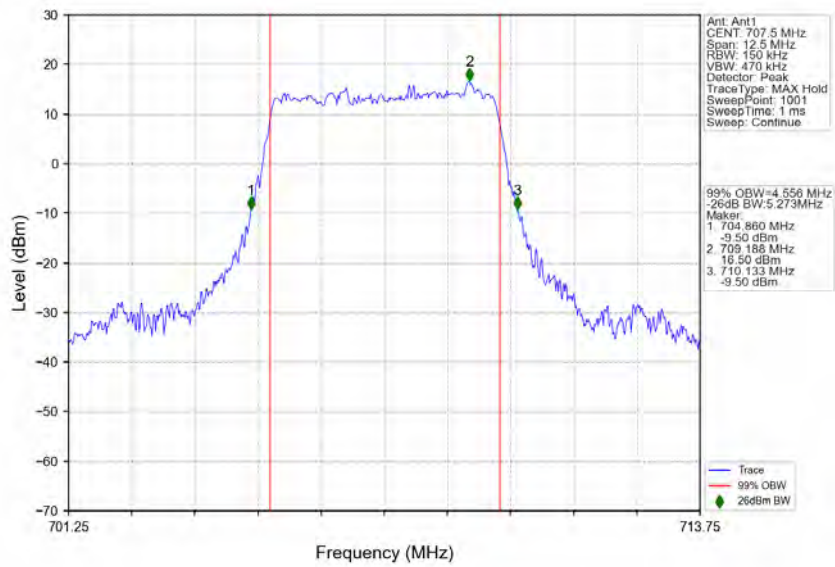
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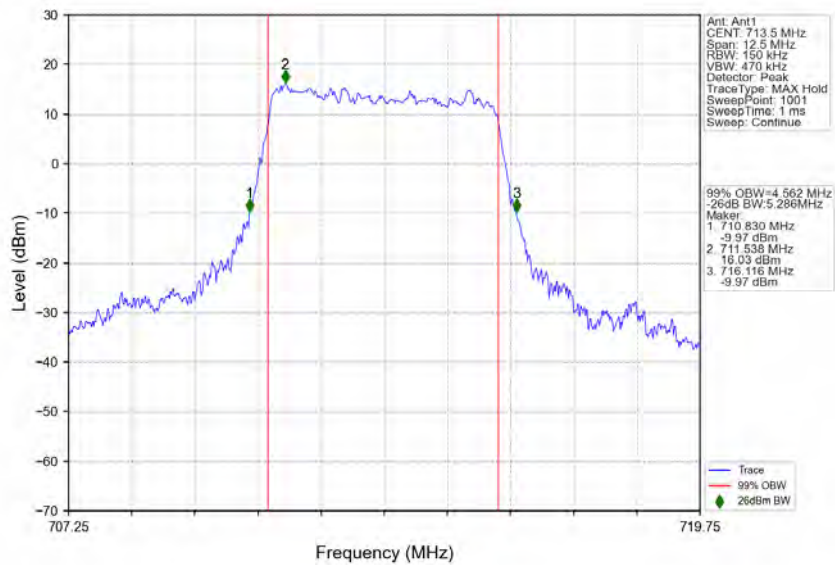
n12_15kHz_SISO_NTV_5MHz_CP-OFDM 64 QAM_701.5MHz_Outer_Full



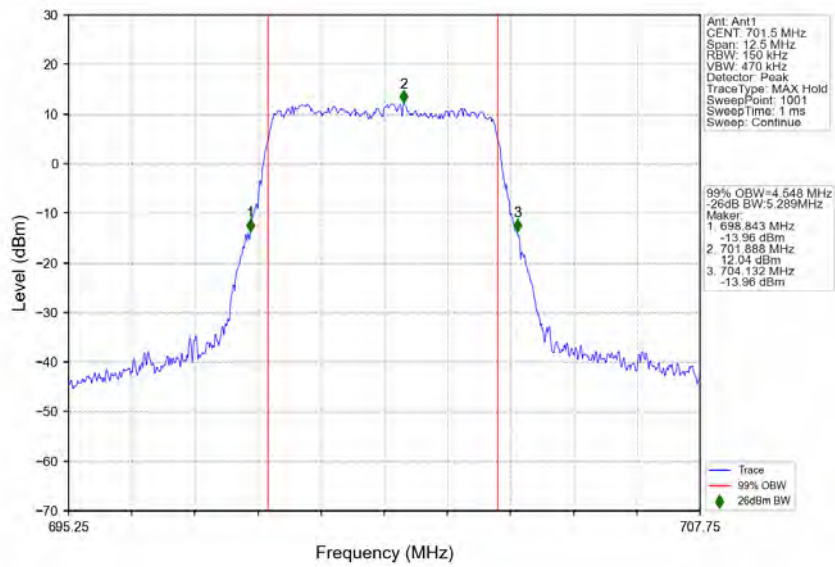
n12_15kHz_SISO_NTV_5MHz_CP-OFDM 64 QAM_707.5MHz_Outer_Full



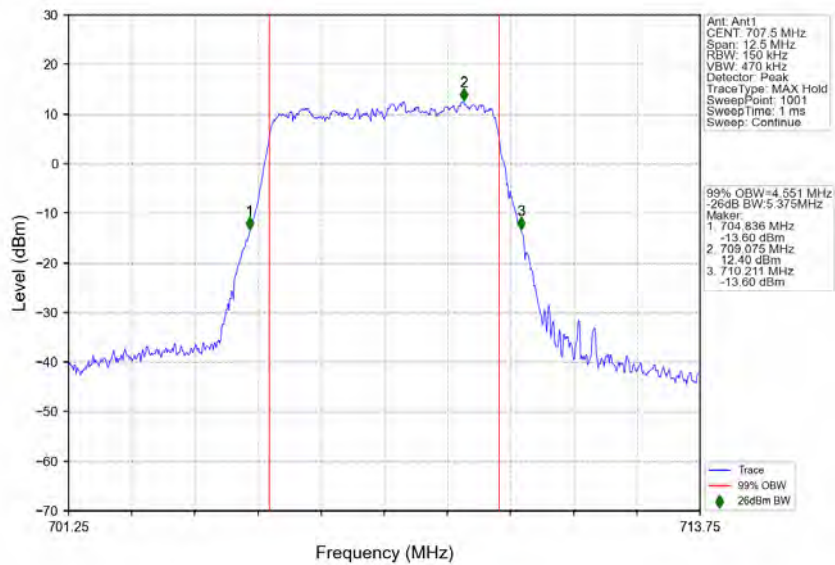
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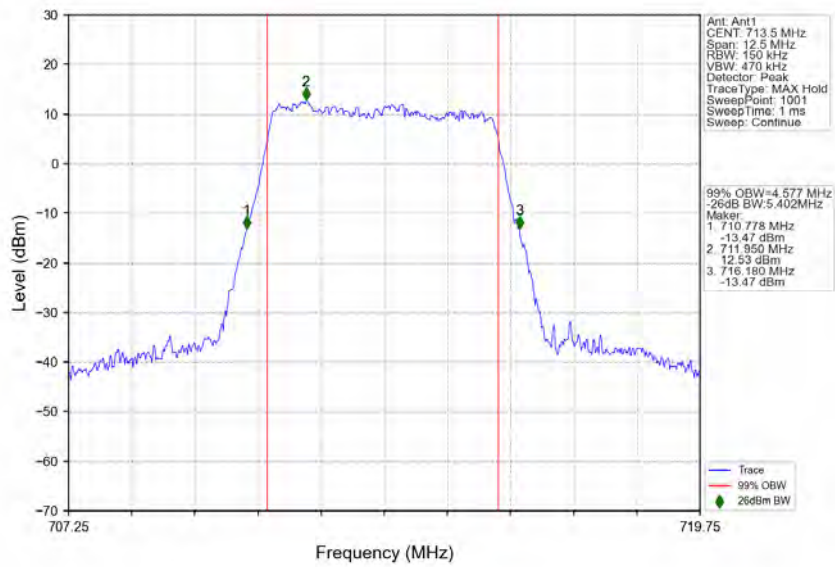
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_701.5MHz_Outer_Full



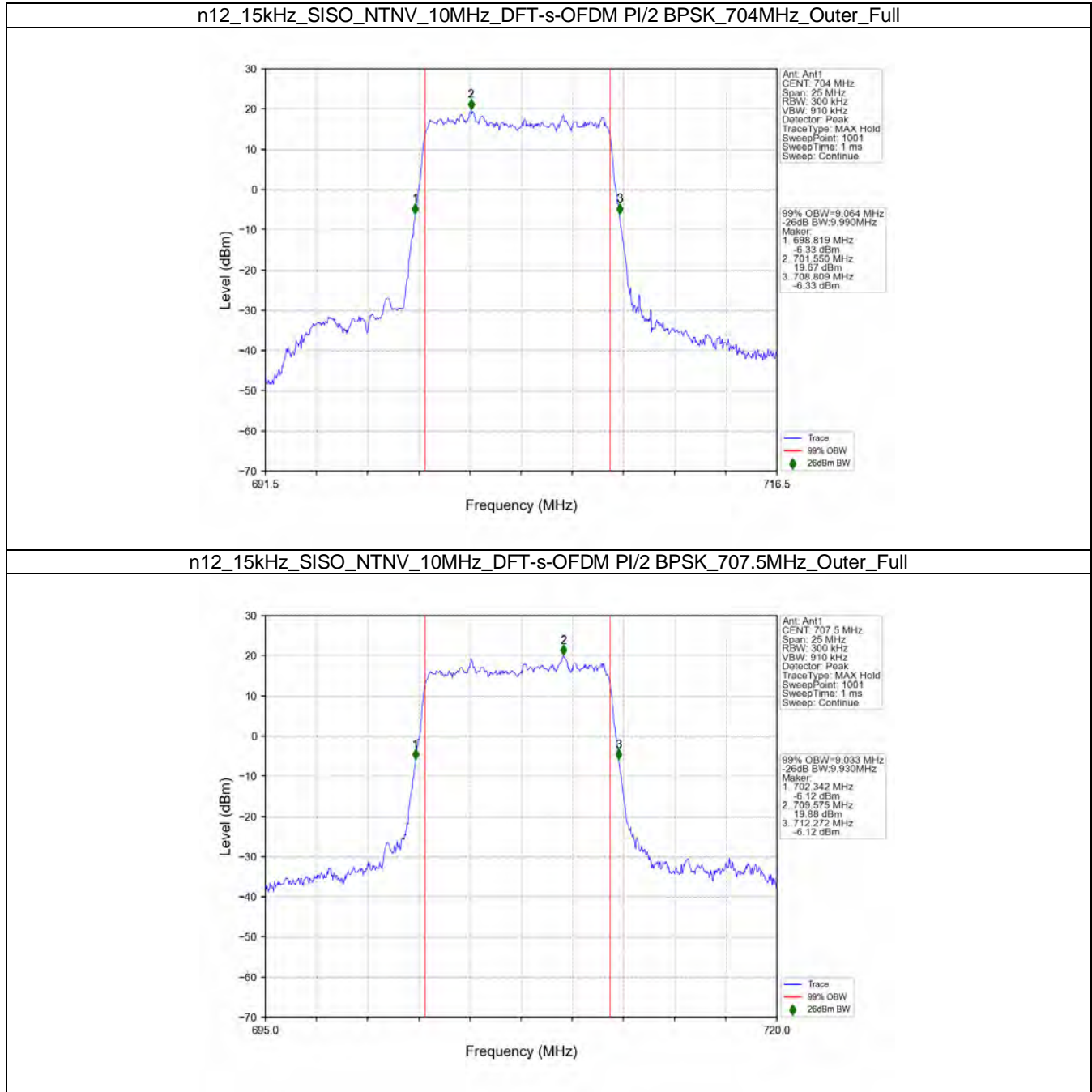
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM_256_QAM_707.5MHz_Outer_Full



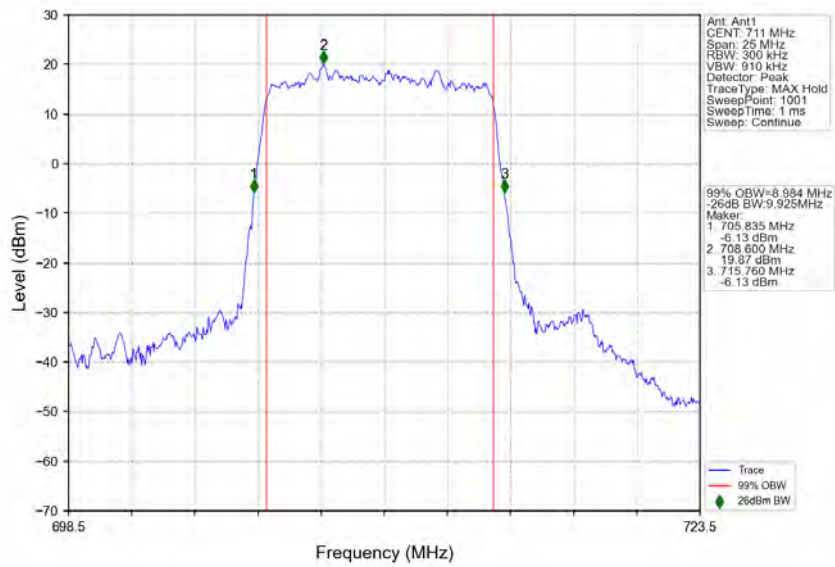
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM 256 QAM_713.5MHz_Outer_Full



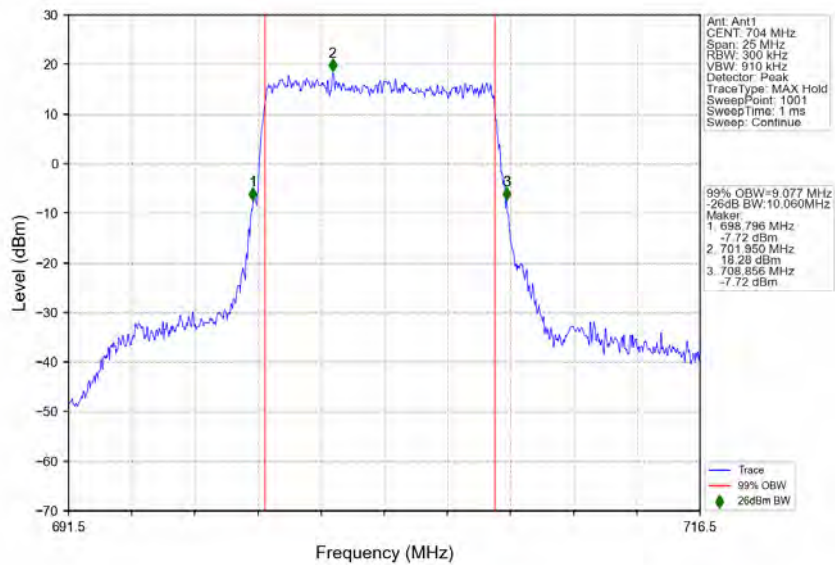
3.2.2 15k_SISO_10MHz_NTNV



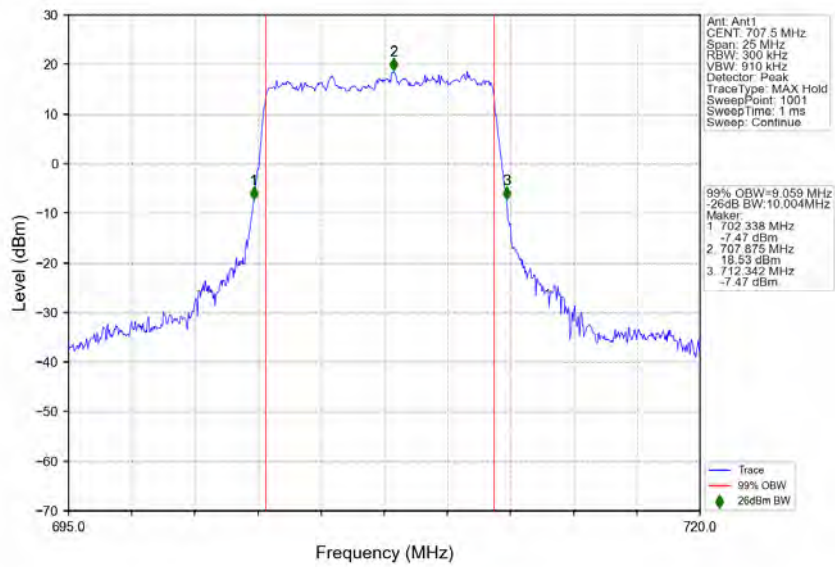
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_711MHz_Outer_Full



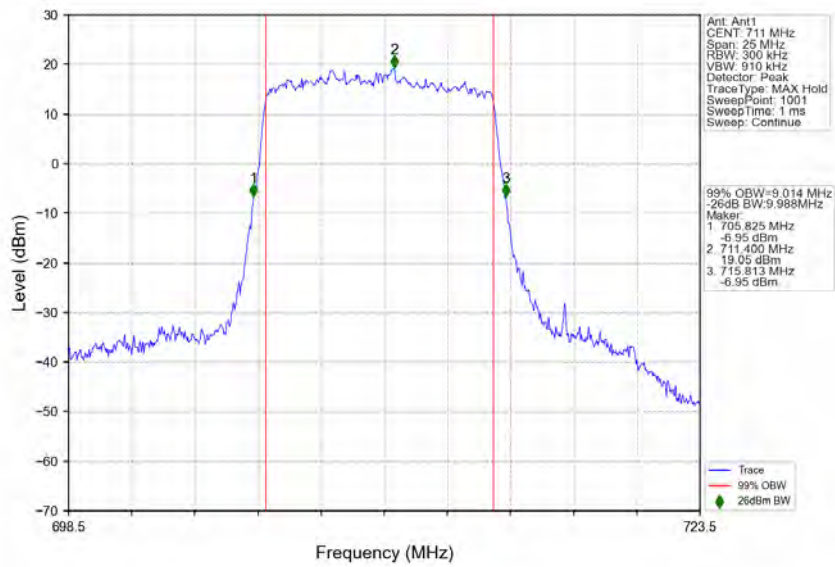
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_704MHz_Outer_Full



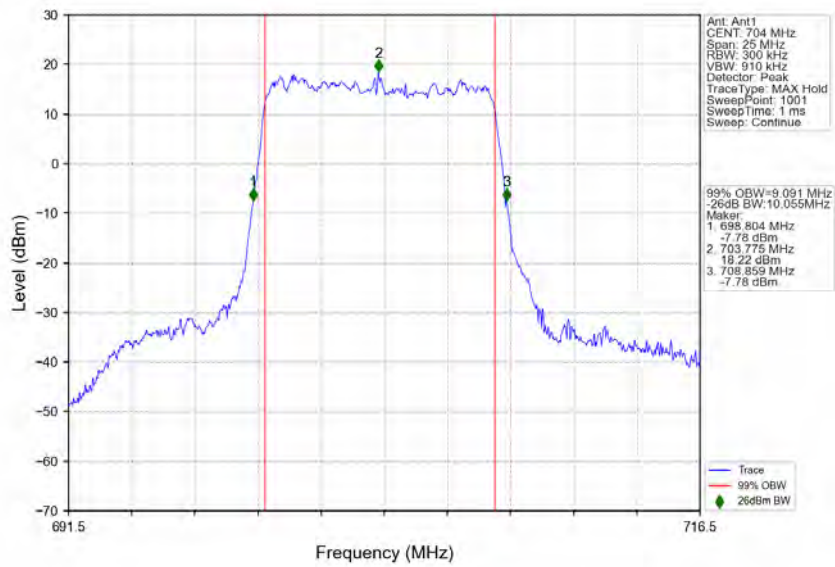
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_707.5MHz_Outer_Full



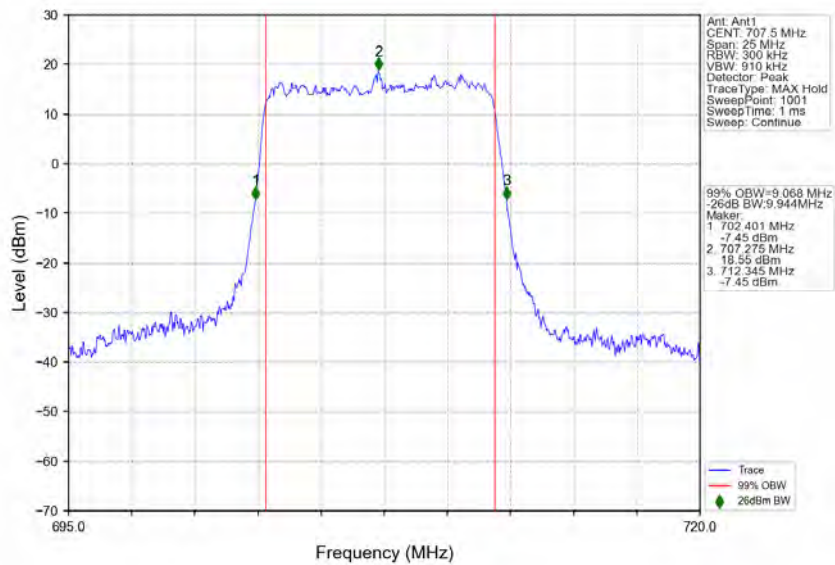
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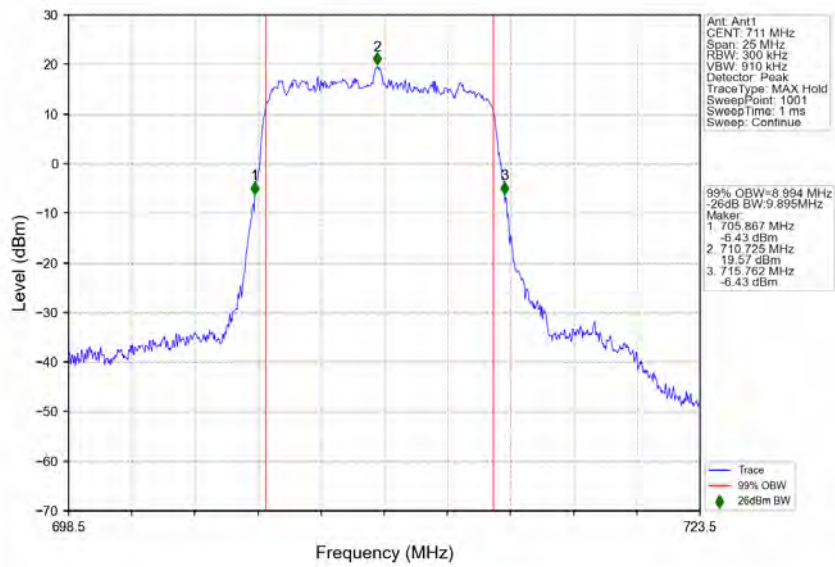
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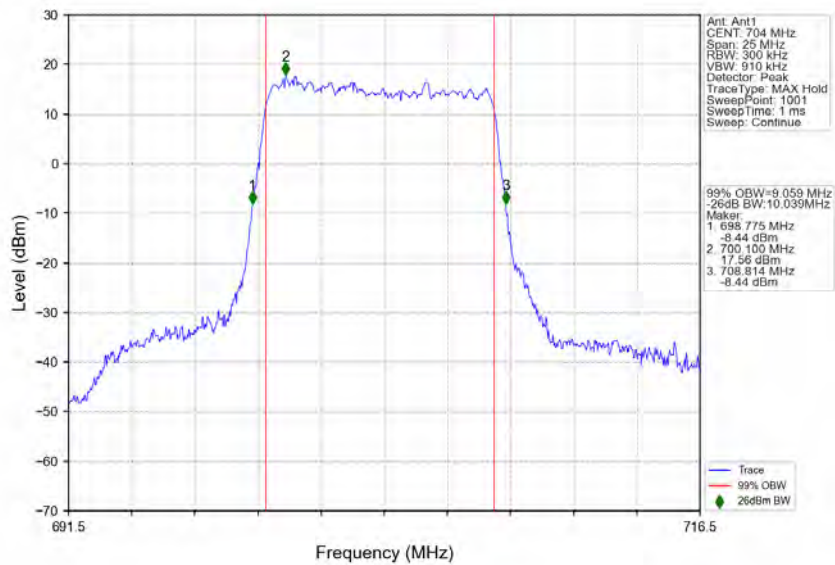
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_707.5MHz_Outer_Full



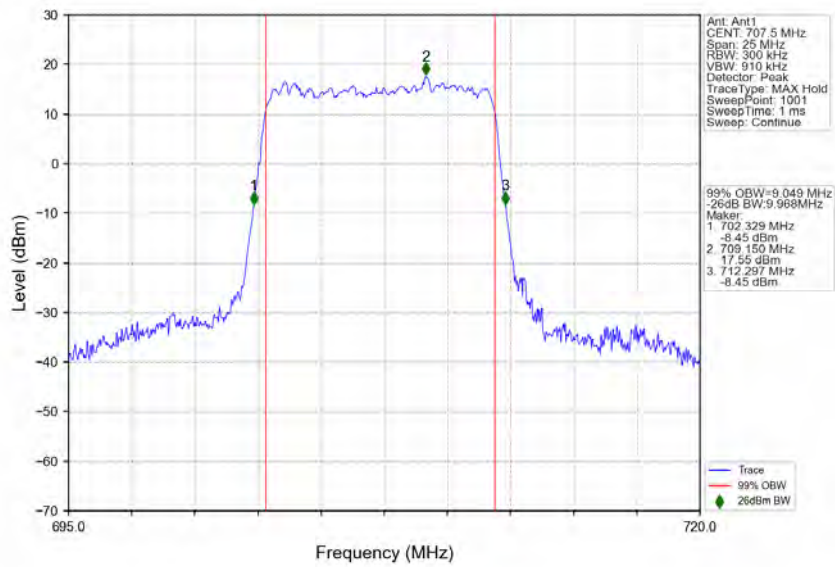
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 16 QAM_711MHz_Outer_Full



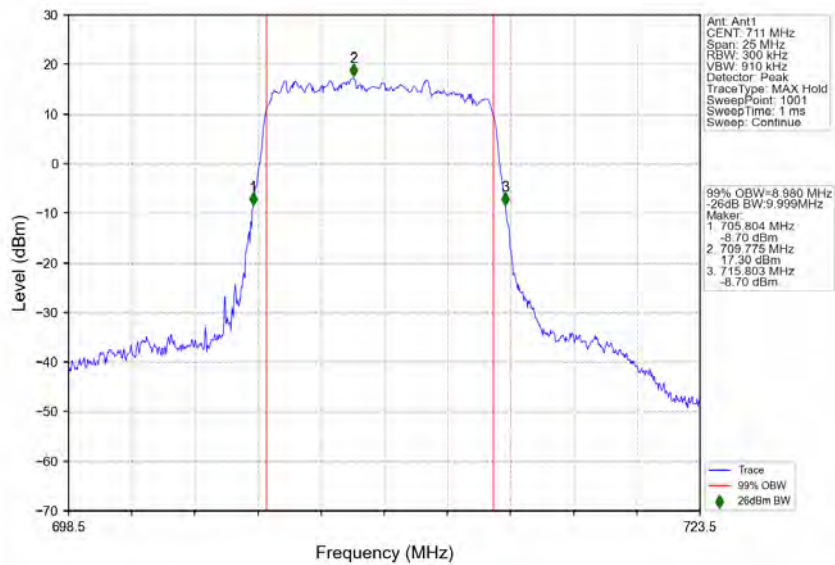
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_704MHz_Outer_Full



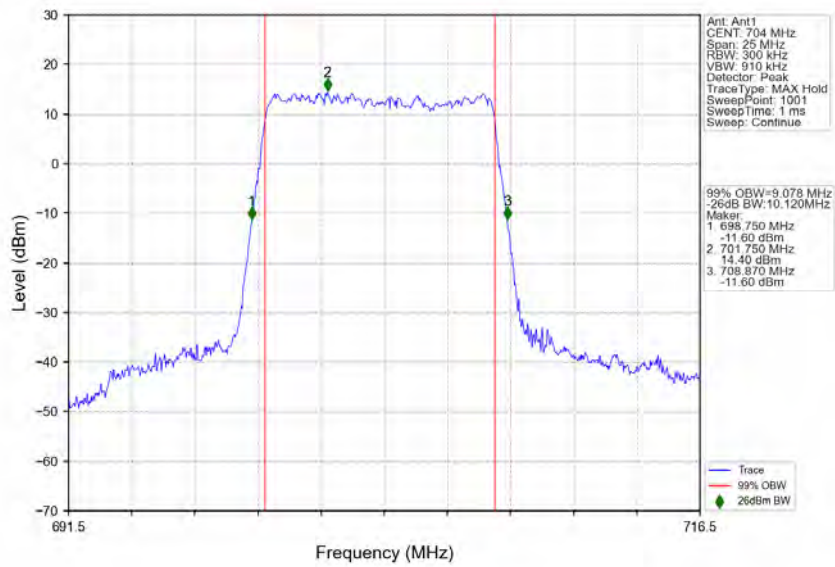
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM 64 QAM_707.5MHz_Outer_Full



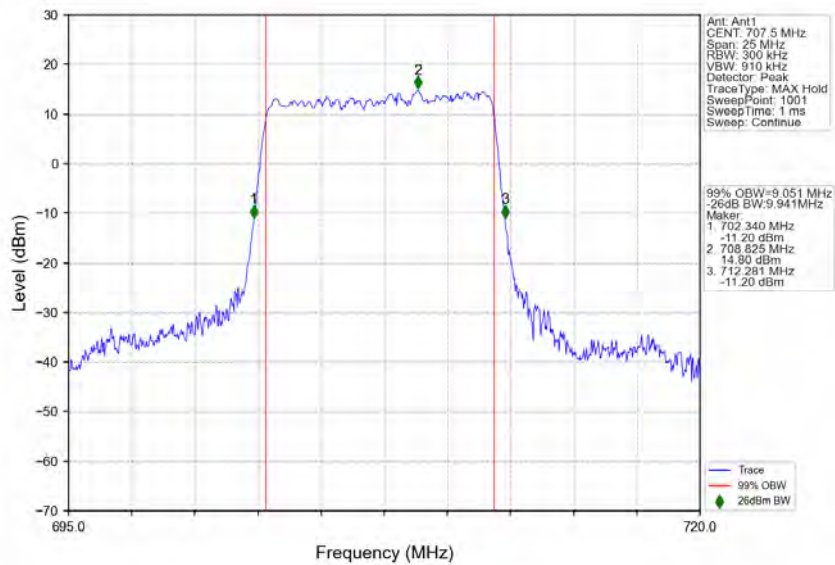
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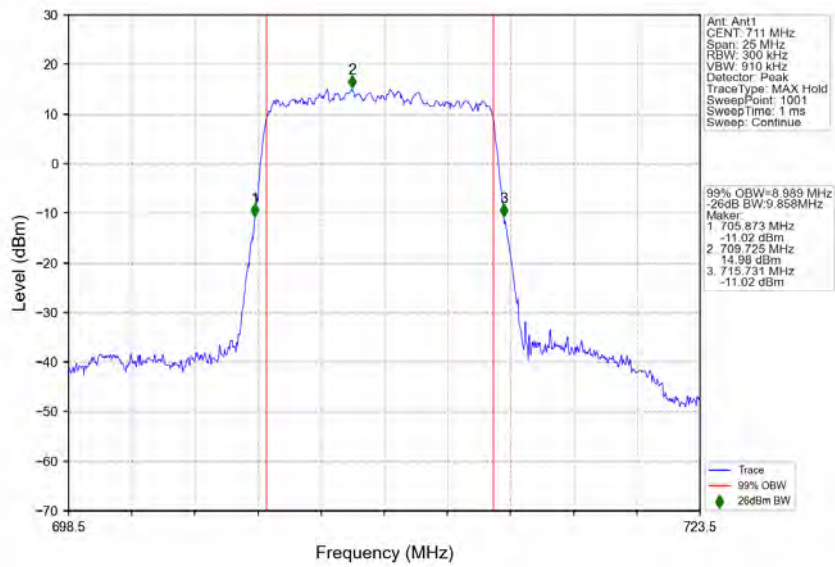
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_704MHz_Outer_Full



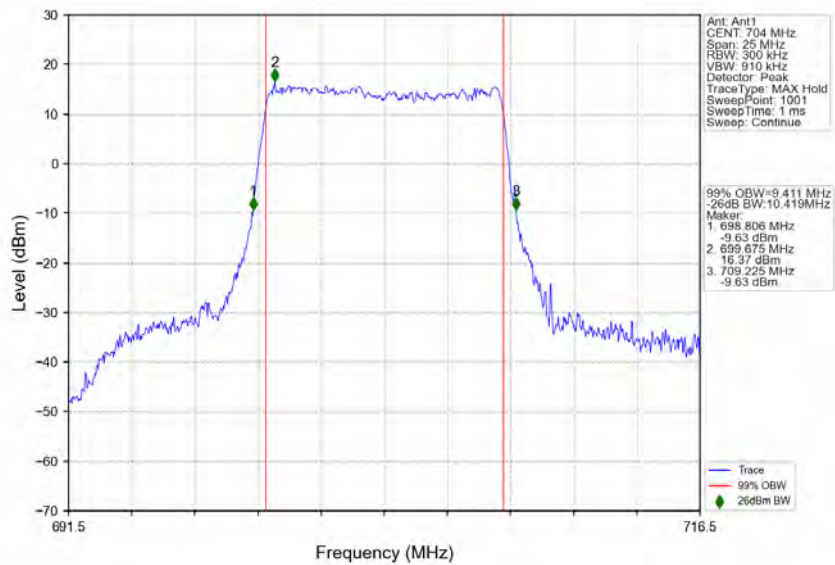
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM_256_QAM_707.5MHz_Outer_Full



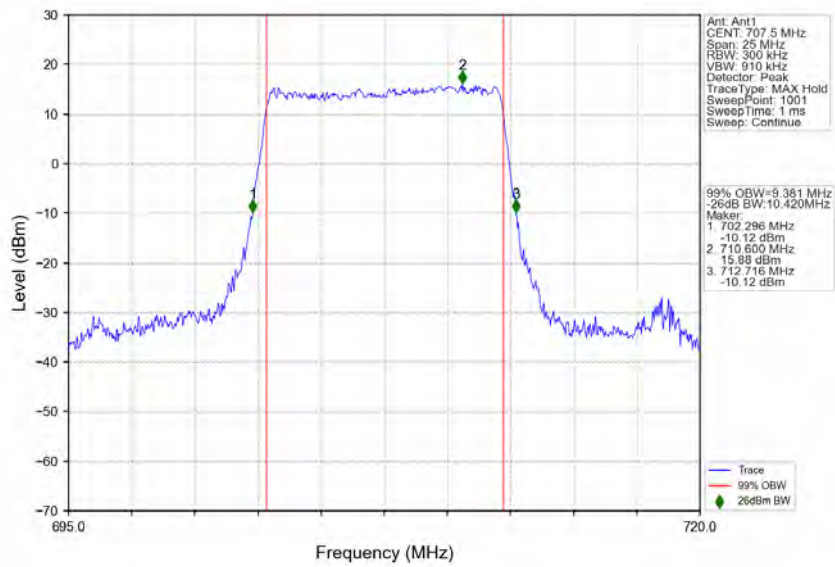
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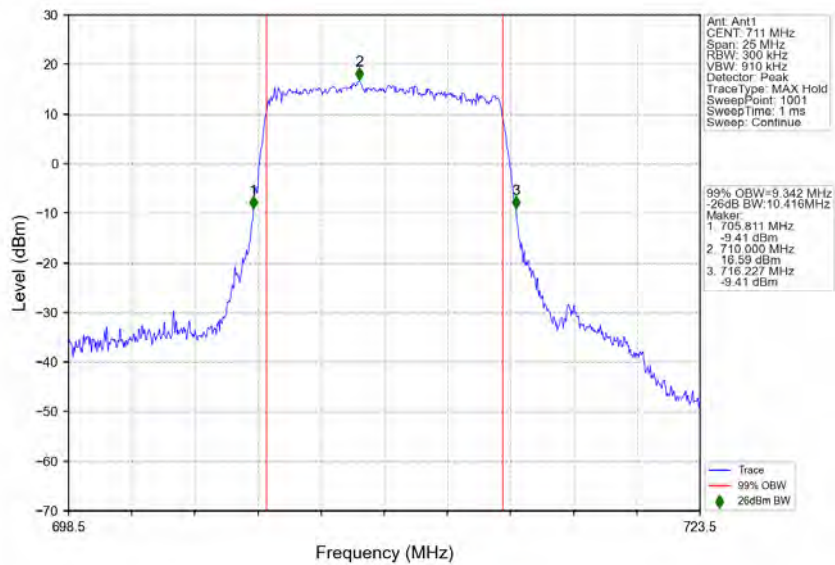
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_704MHz_Outer_Full



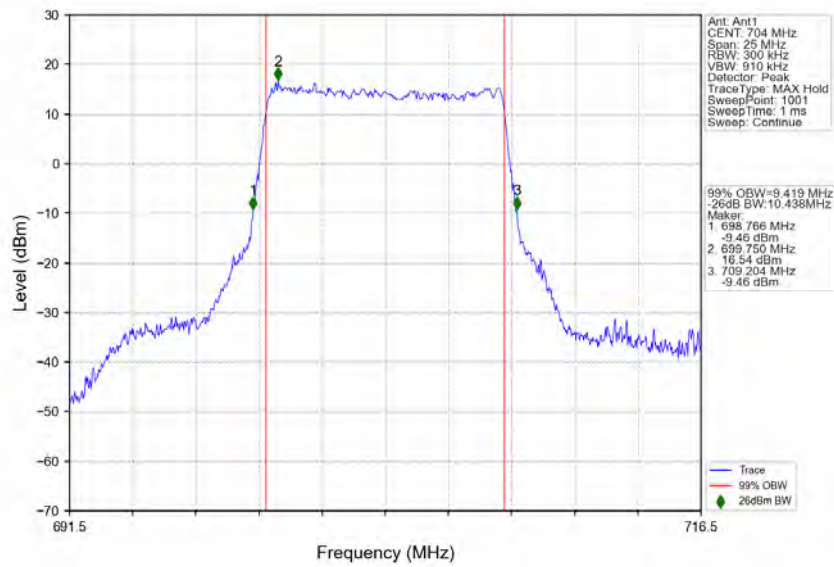
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_707.5MHz_Outer_Full



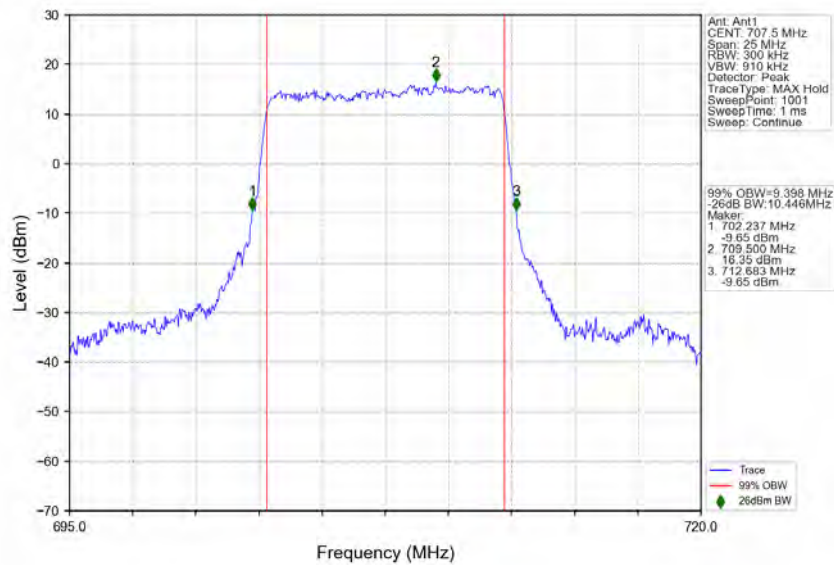
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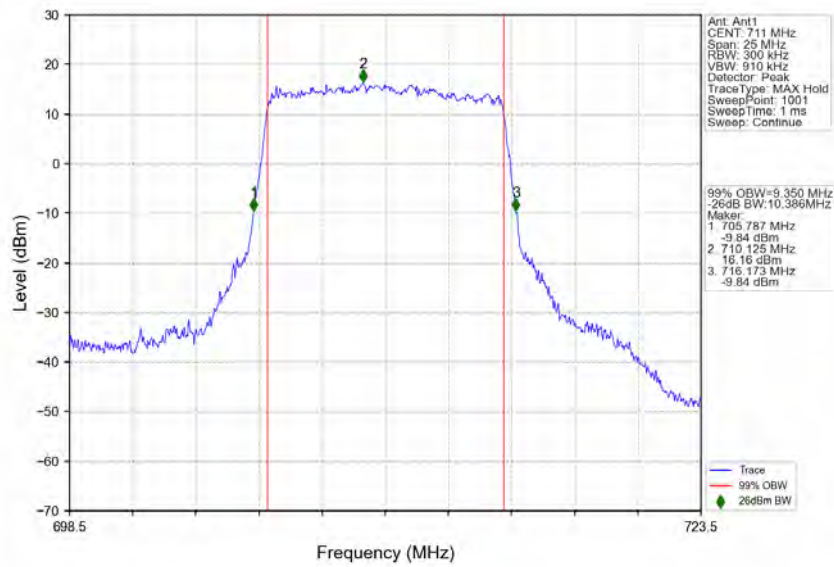
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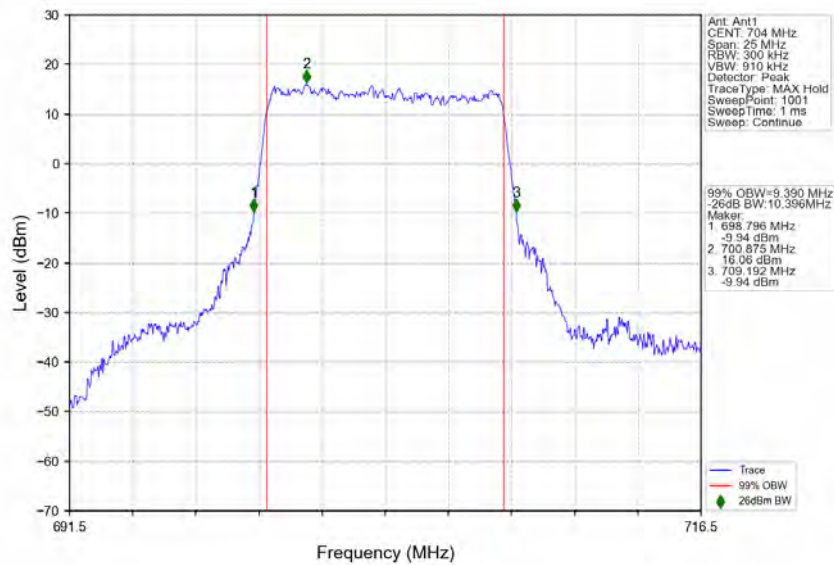
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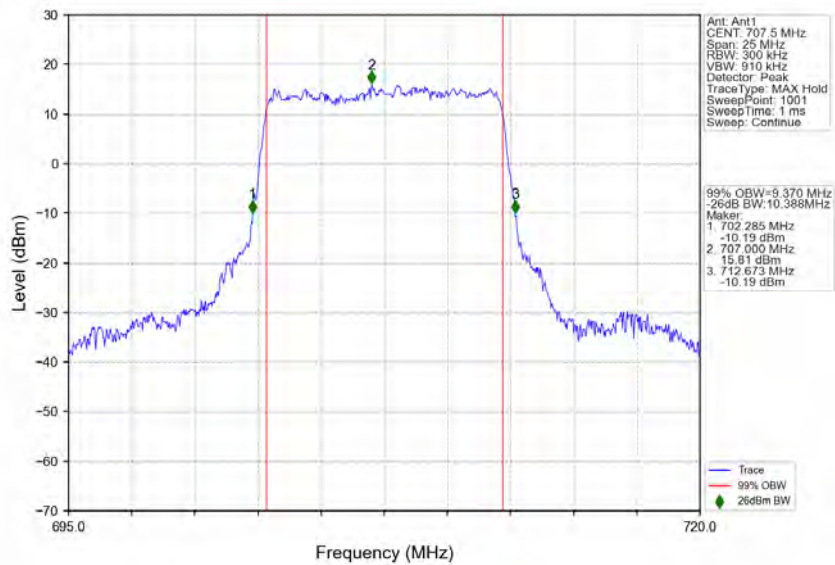
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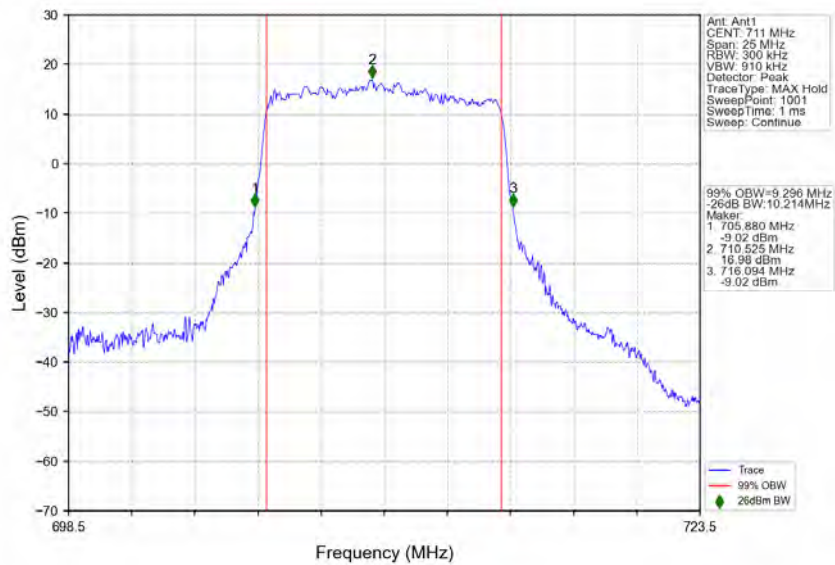
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_704MHz_Outer_Full



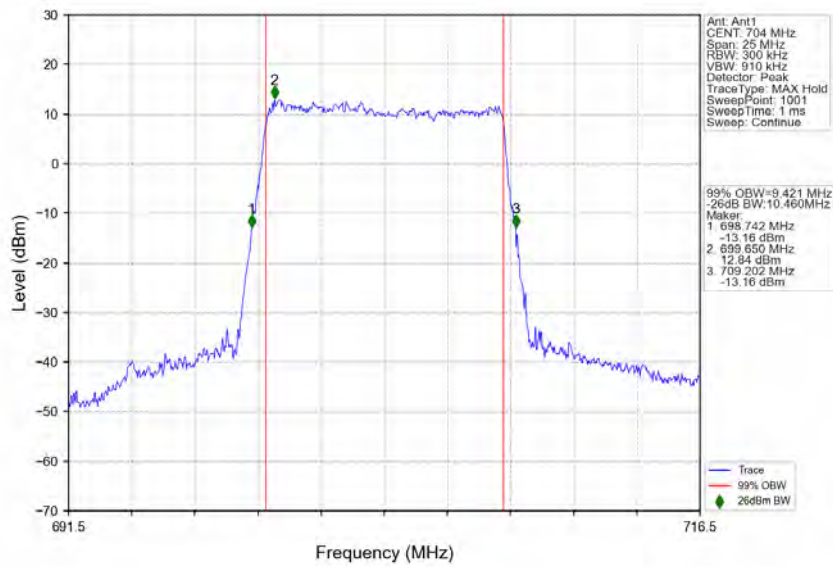
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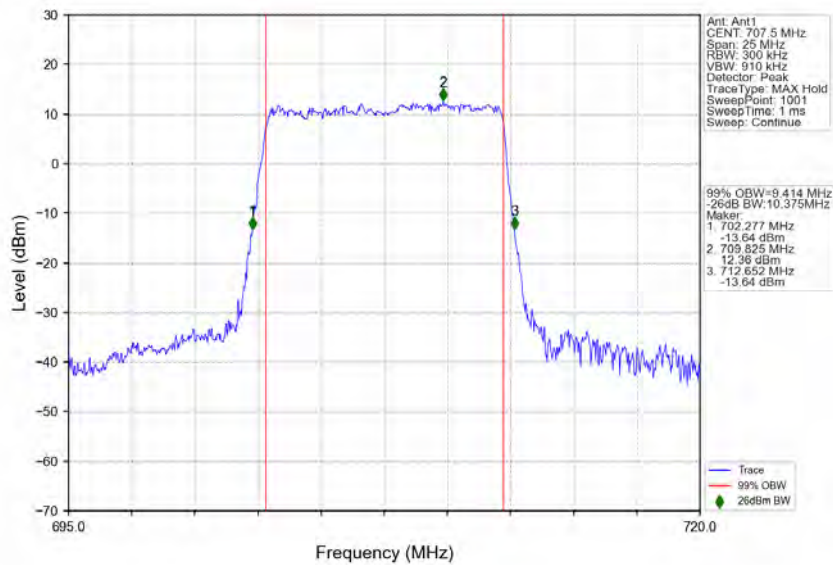
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM 64 QAM_711MHz_Outer_Full



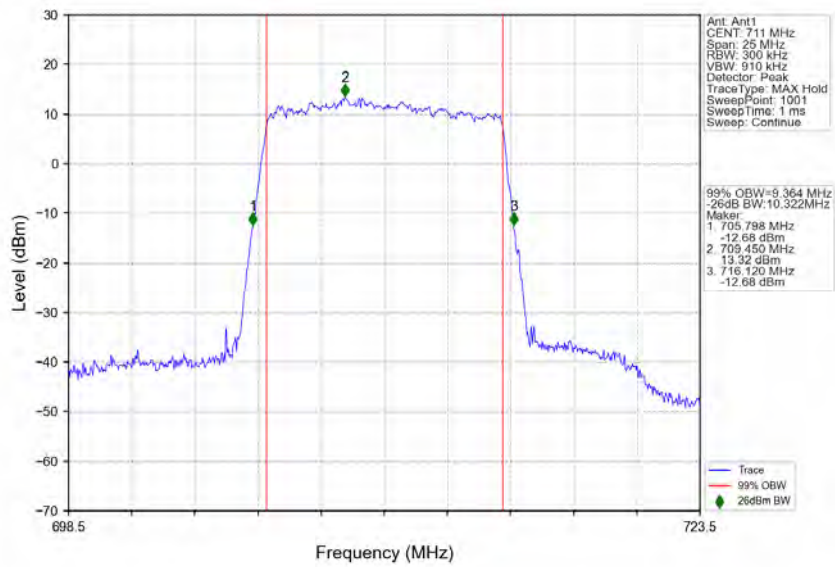
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_704MHz_Outer_Full



n12_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_707.5MHz_Outer_Full

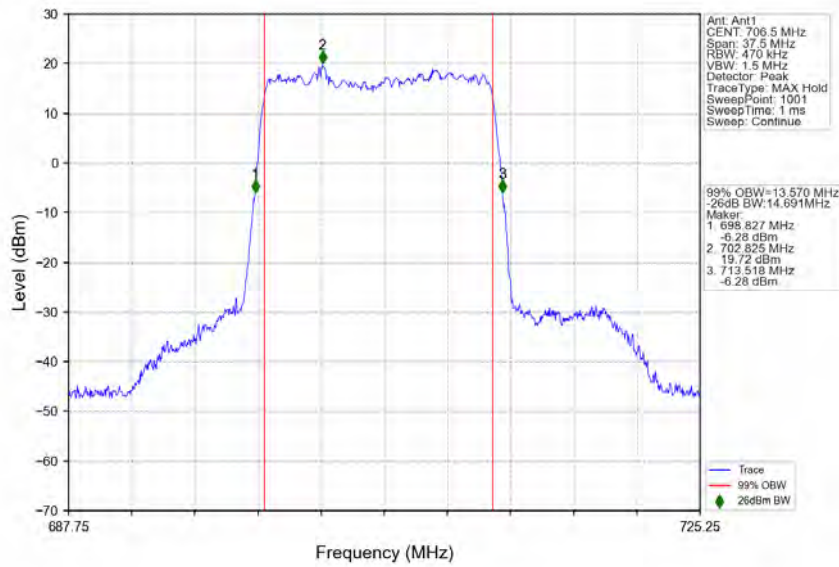


n12_15kHz_SISO_NTNV_10MHz_CP-OFDM 256 QAM_711MHz_Outer_Full

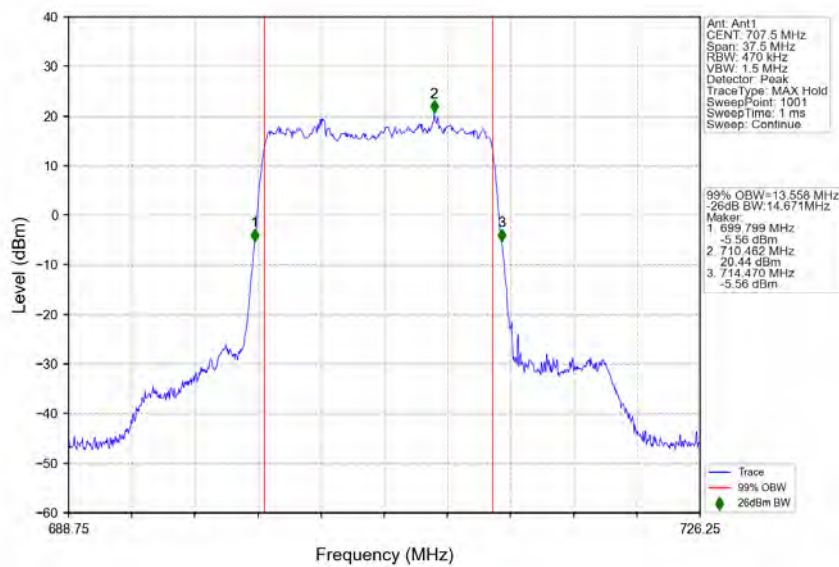


3.2.3 15k_SISO_15MHz_NTNV

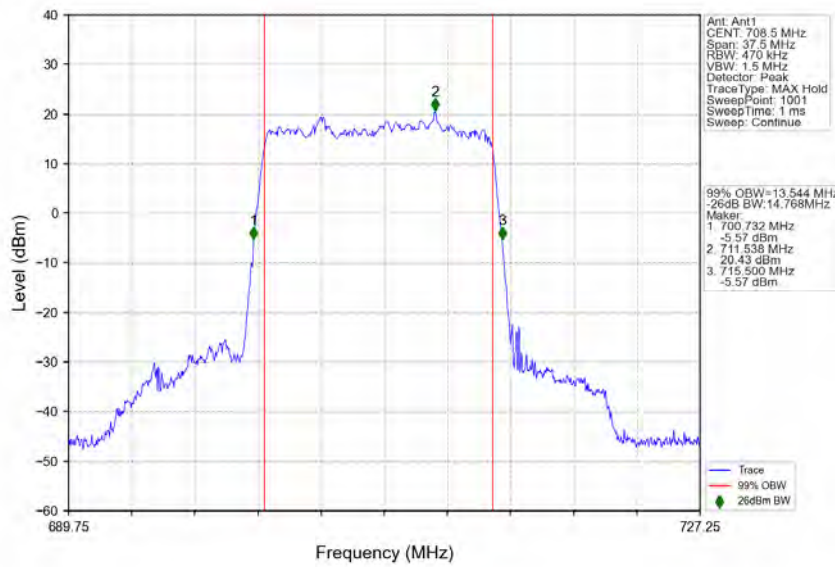
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Outer_Full



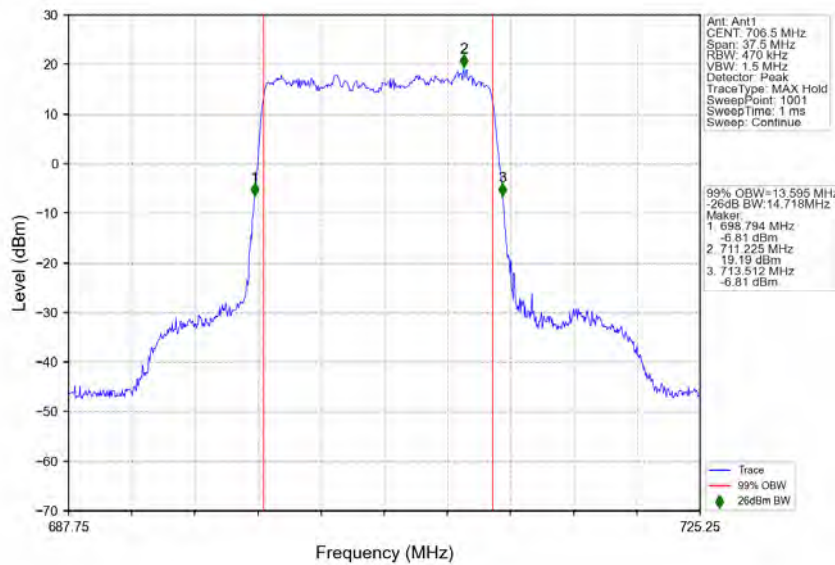
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Outer_Full



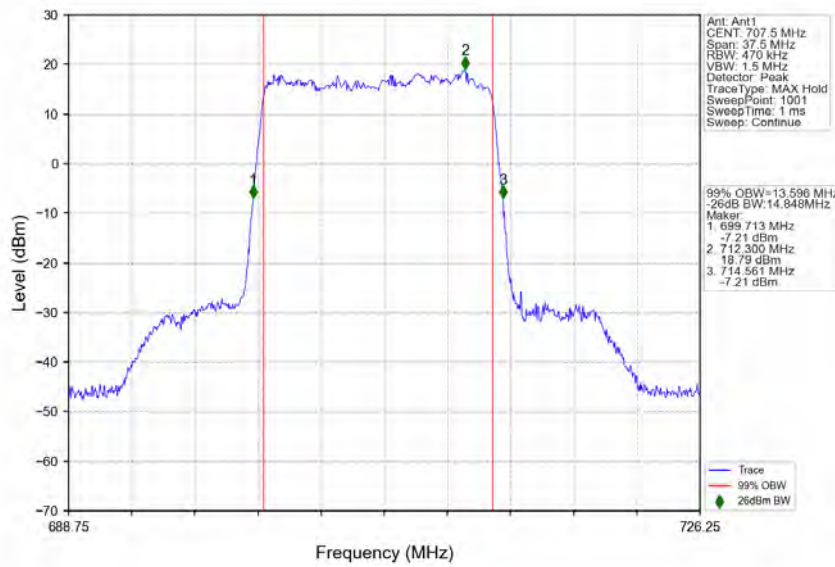
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_708.5MHz_Outer_Full



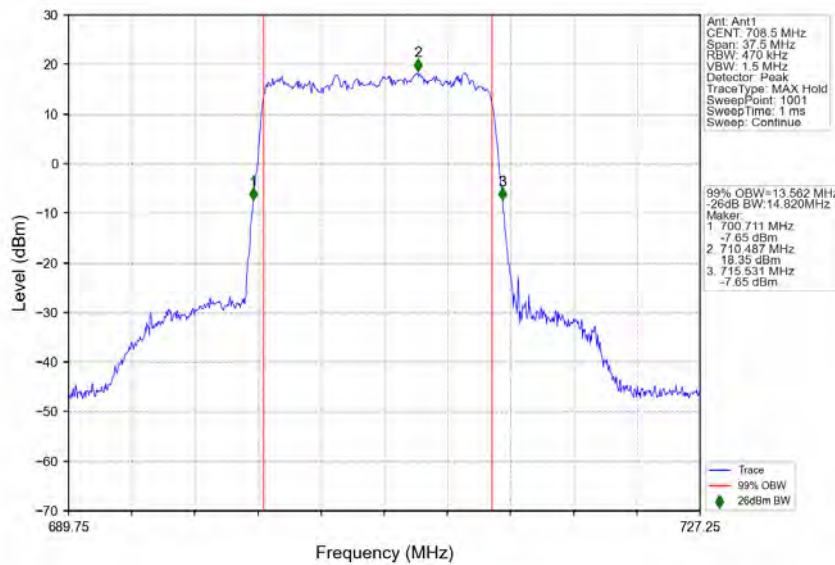
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_706.5MHz_Outer_Full



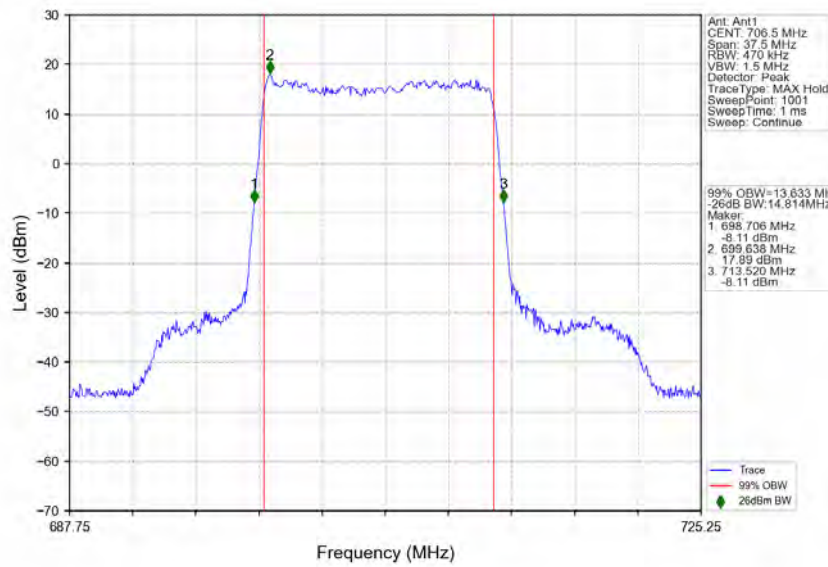
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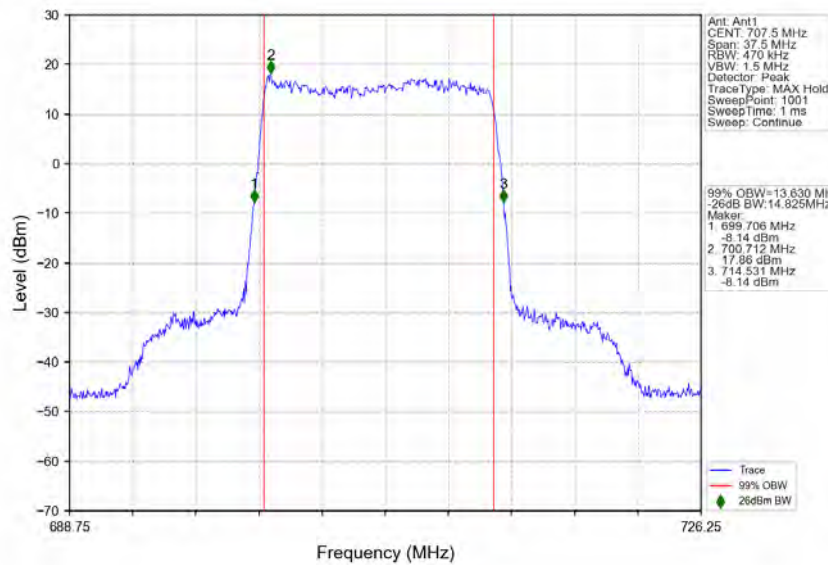
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_708.5MHz_Outer_Full



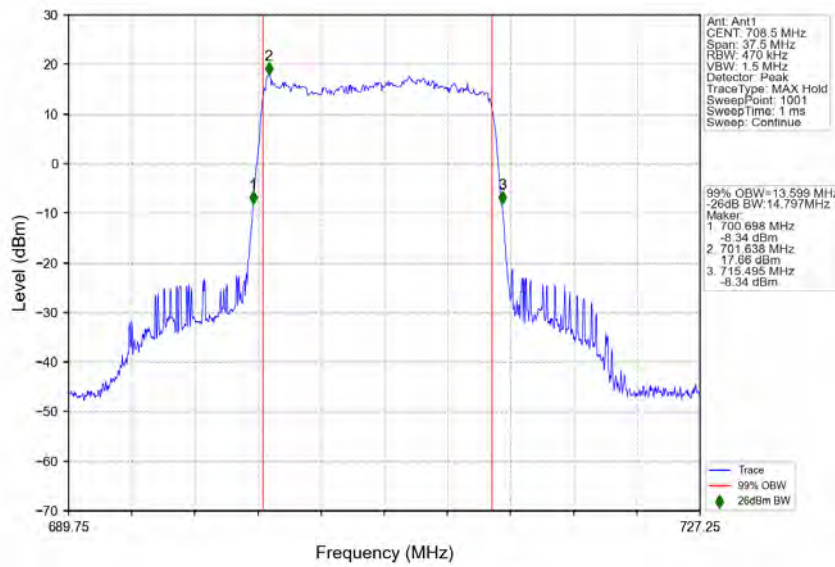
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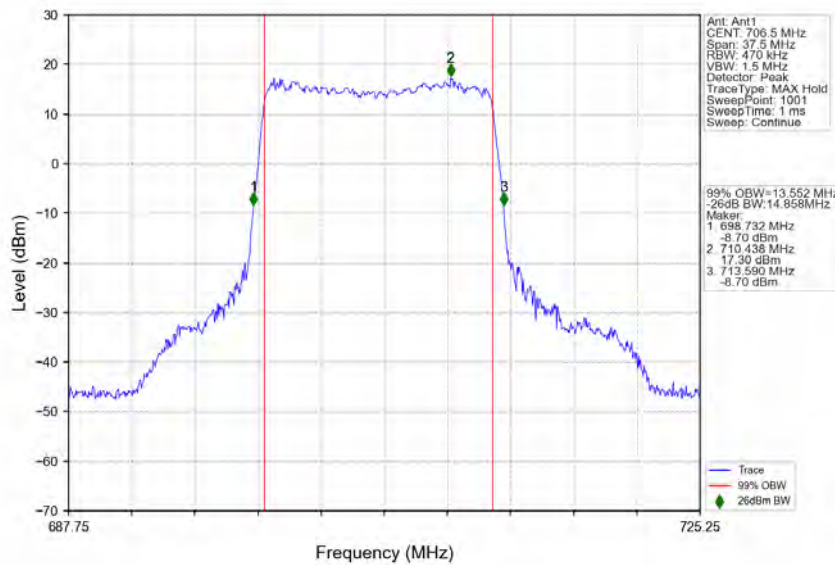
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM_16QAM_707.5MHz_Outer_Full



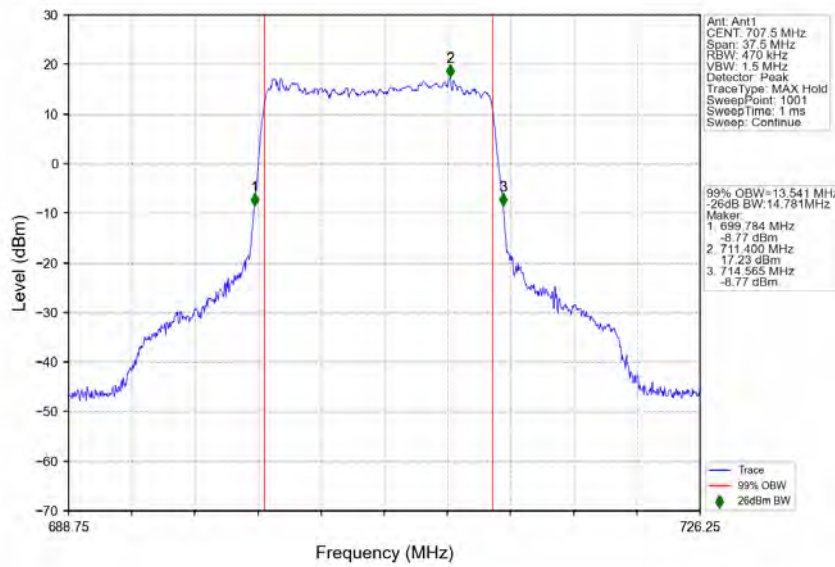
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 16 QAM_708.5MHz_Outer_Full



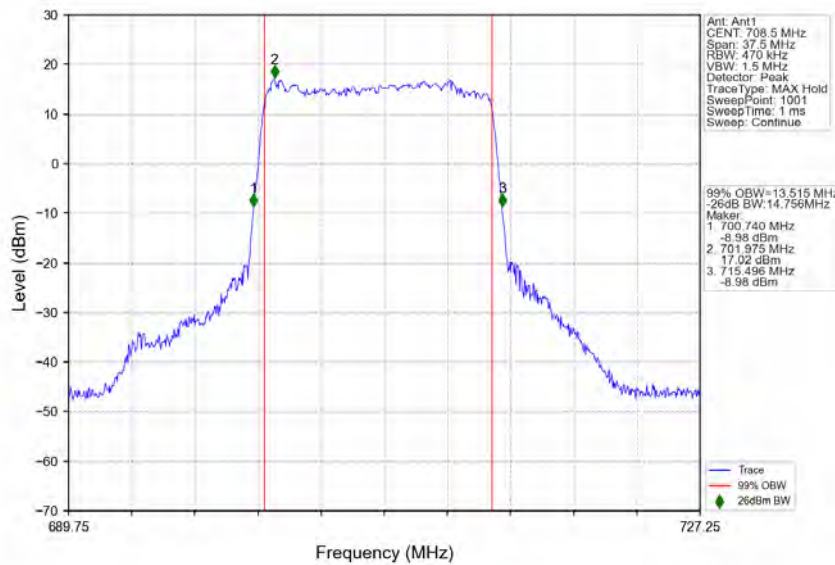
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_706.5MHz_Outer_Full



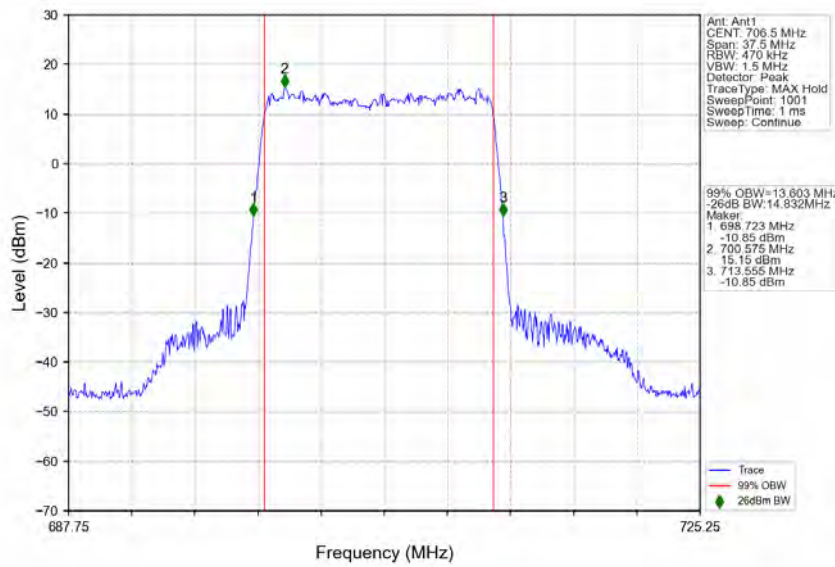
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_707.5MHz_Outer_Full



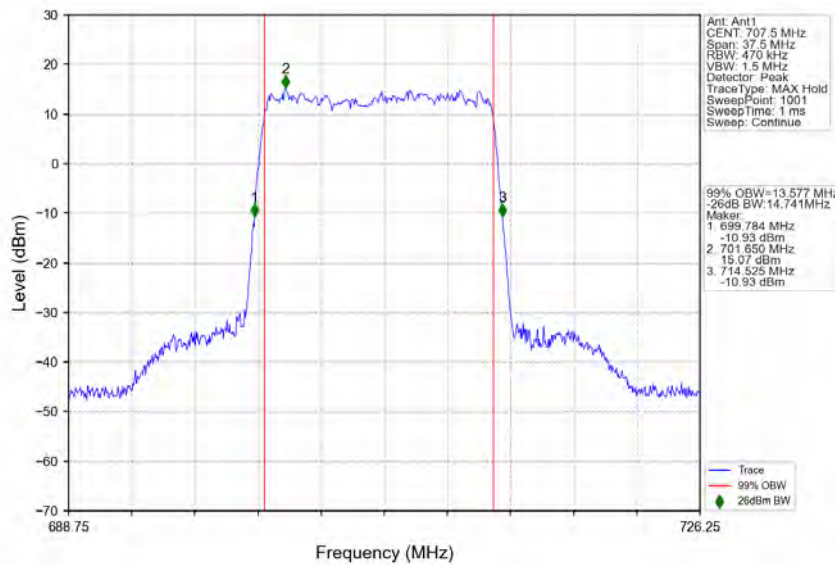
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 64 QAM_708.5MHz_Outer_Full



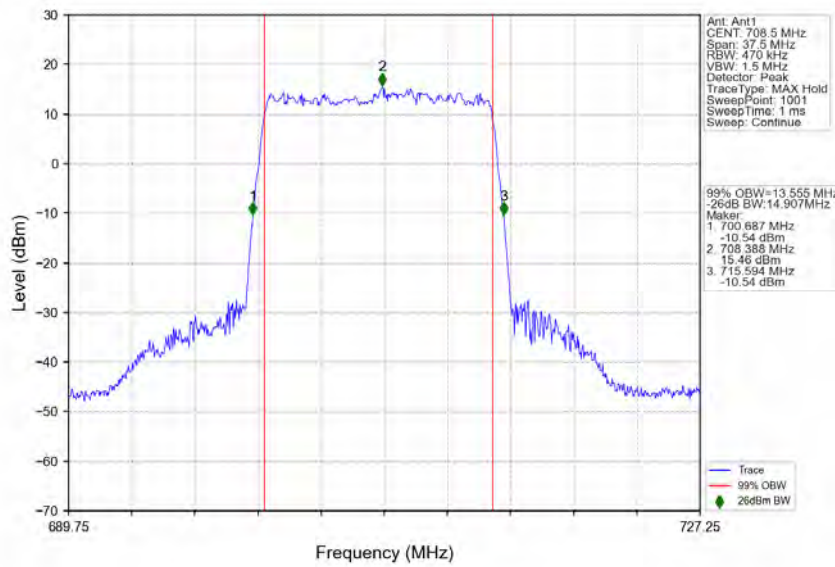
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_706.5MHz_Outer_Full



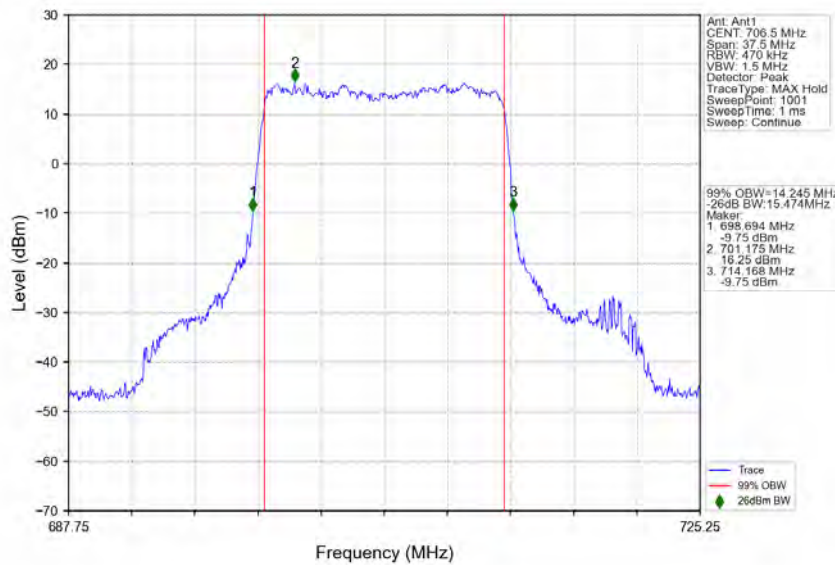
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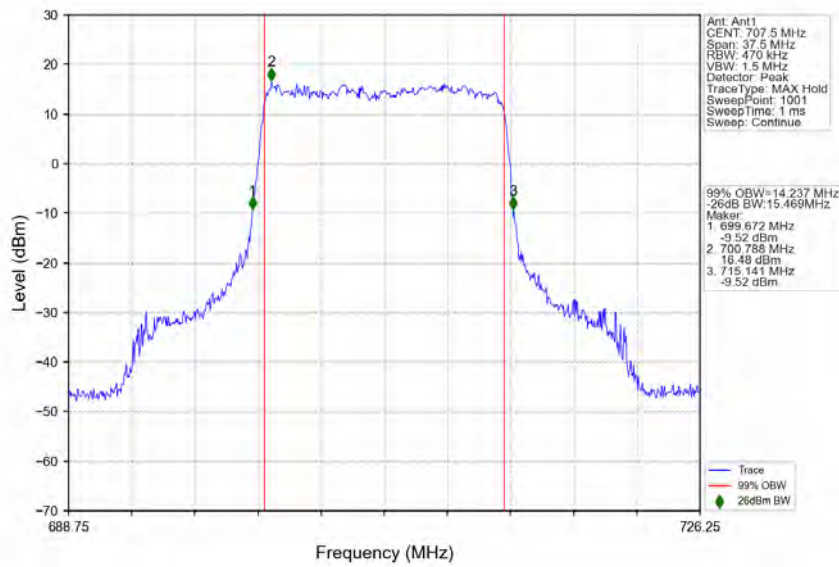
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM 256 QAM_708.5MHz_Outer_Full



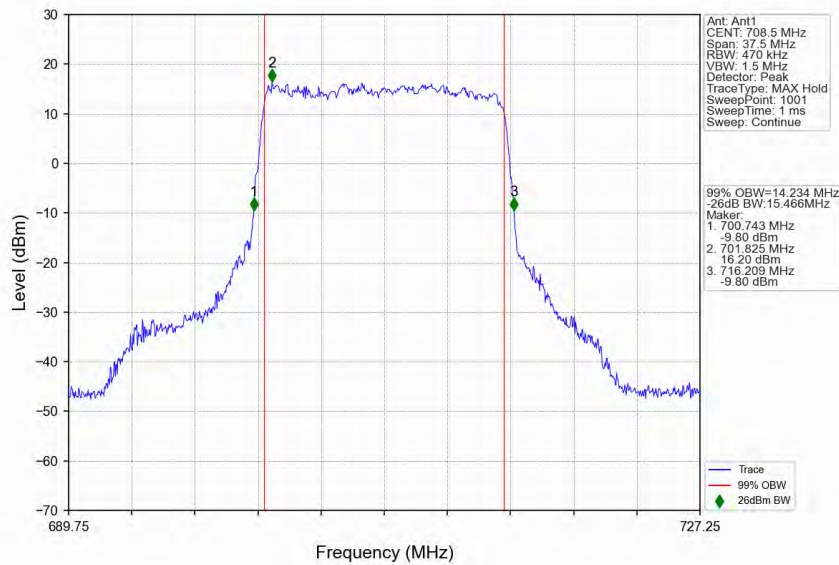
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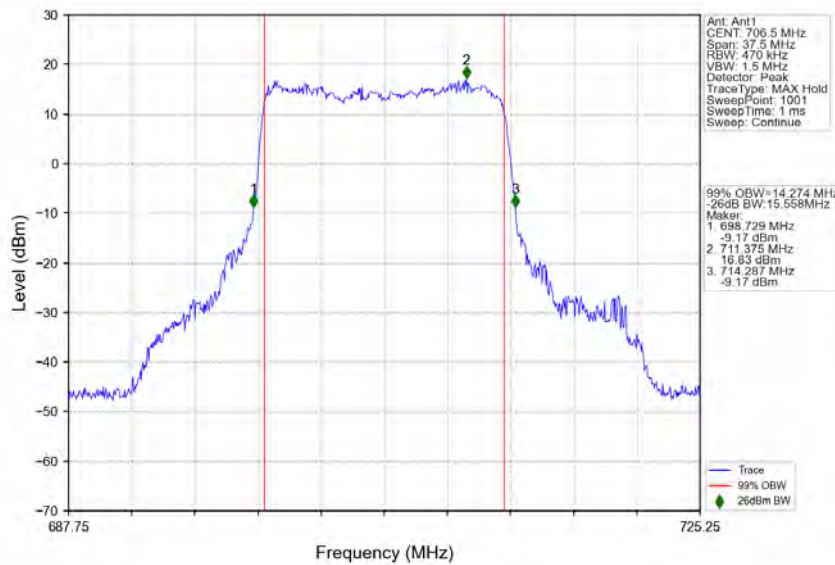
n12_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_707.5MHz_Outer_Full



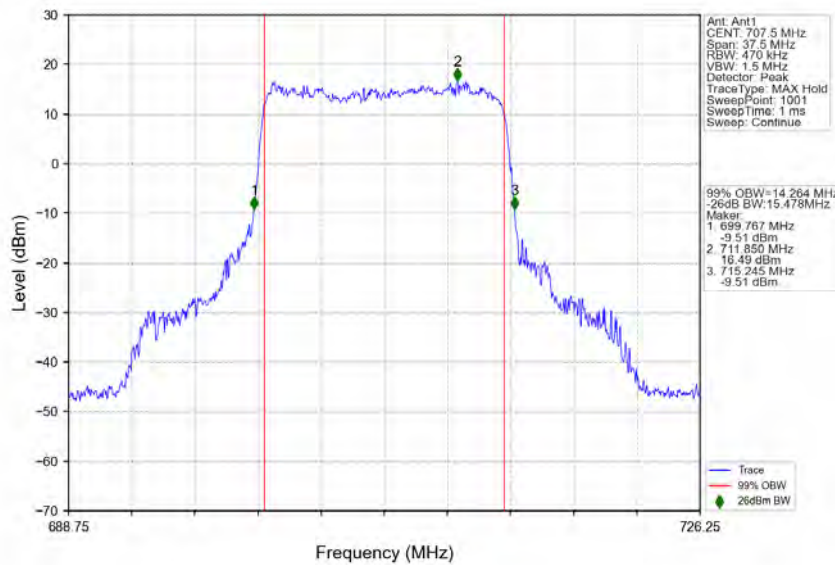
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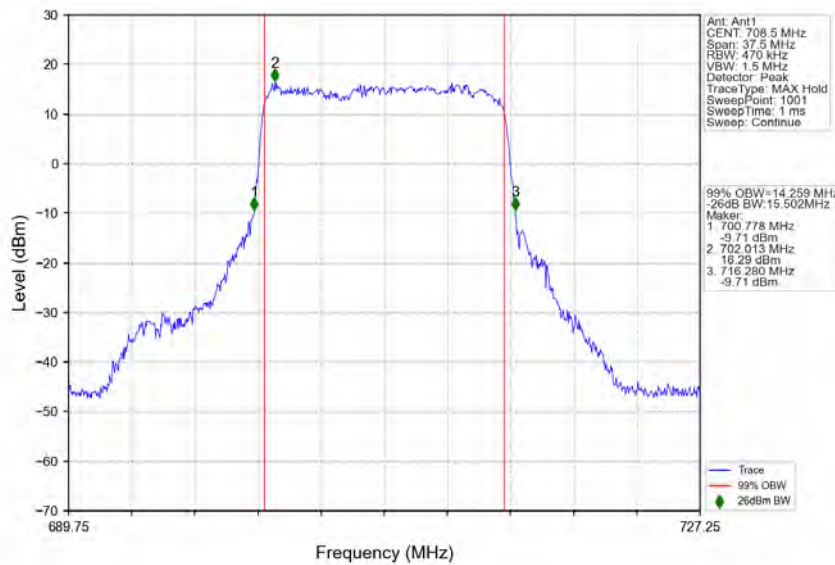
n12_15kHz_SISO_NTNV_15MHz_CP-OFDM_16 QAM_706.5MHz_Outer_Full



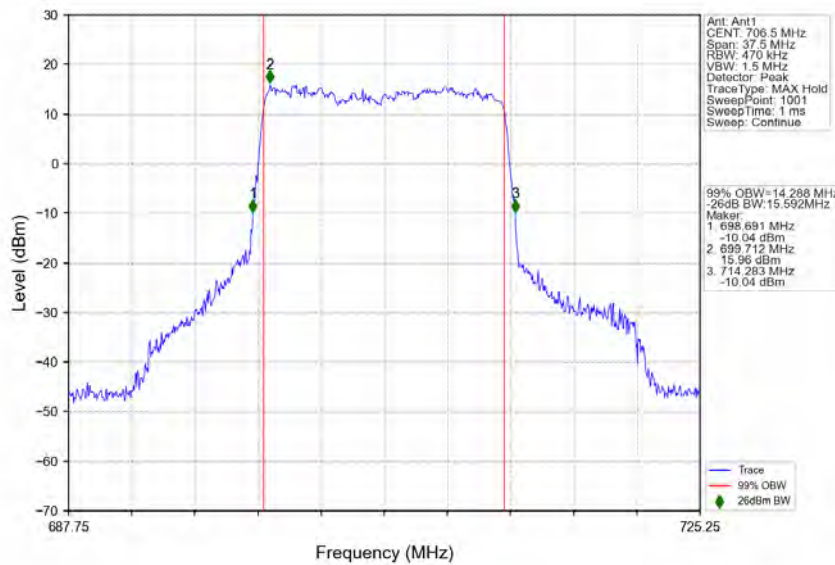
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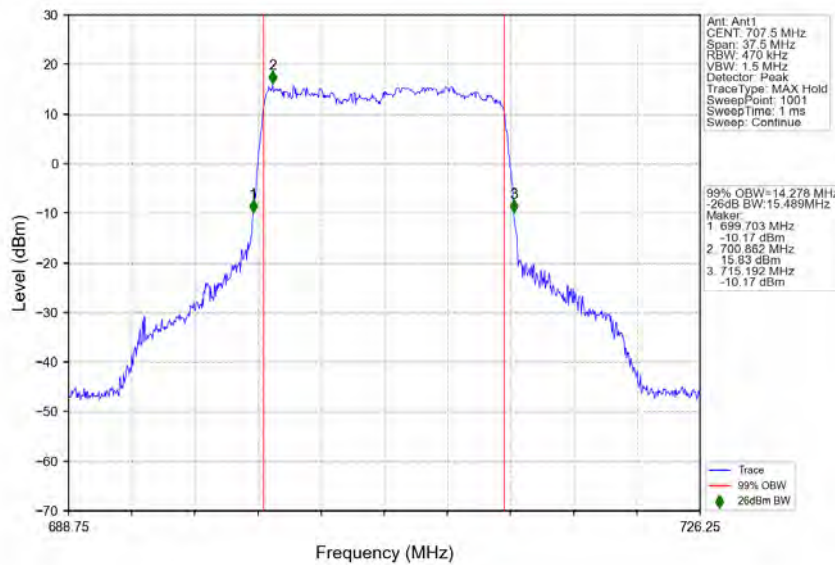
n12_15kHz_SISO_NTNV_15MHz_CP-OFDM 16 QAM_708.5MHz_Outer_Full



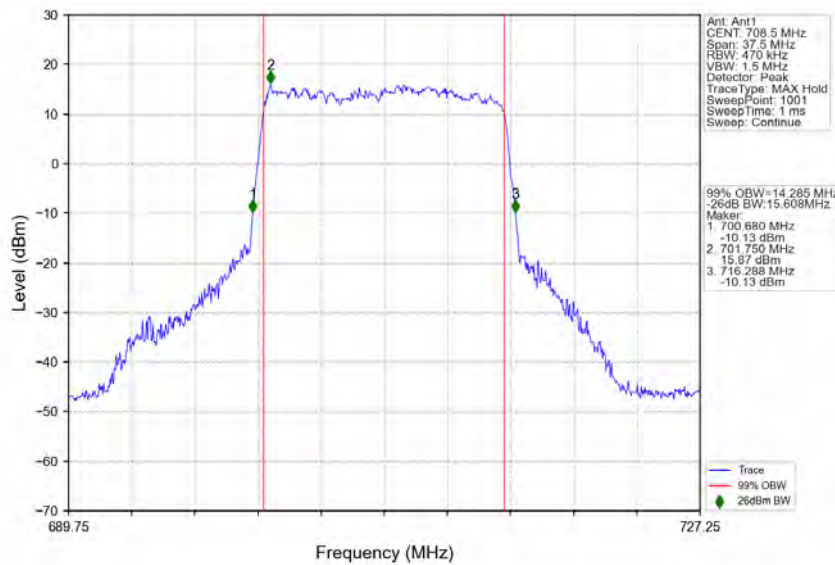
n12_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_706.5MHz_Outer_Full



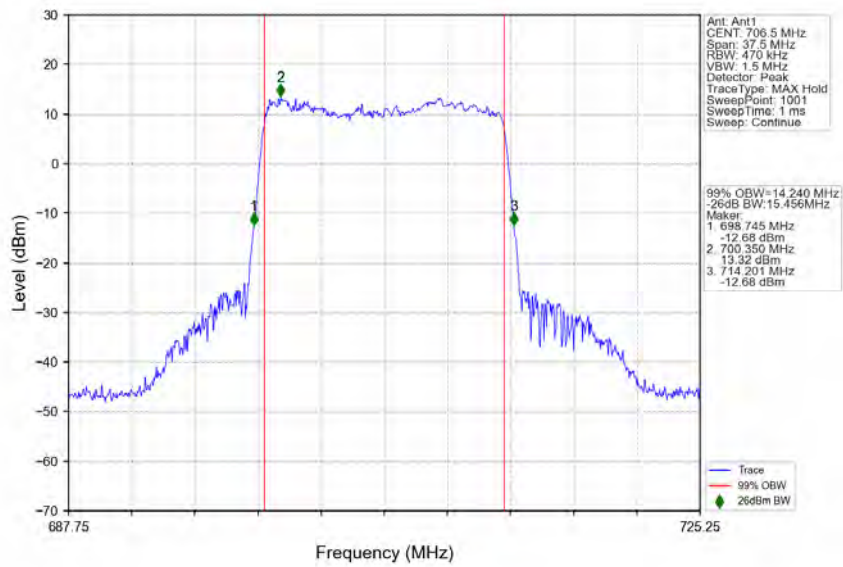
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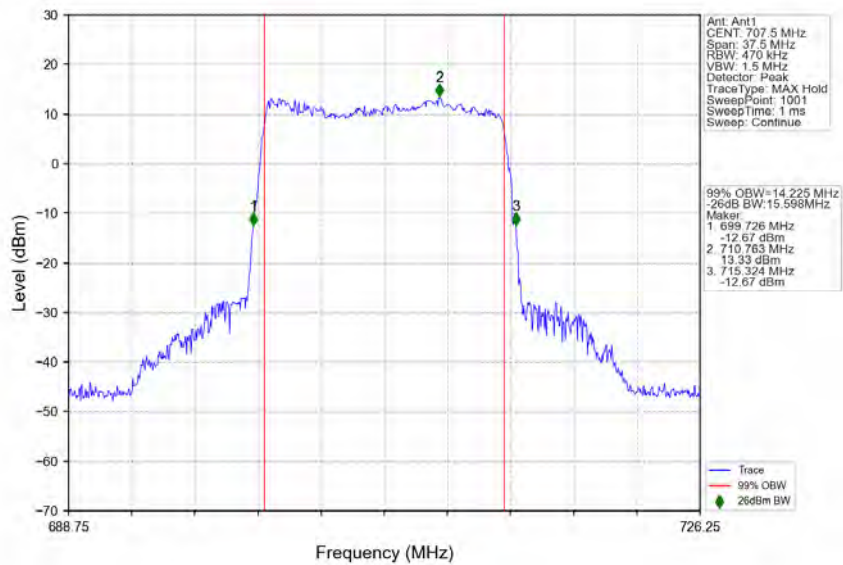
n12_15kHz_SISO_NTNV_15MHz_CP-OFDM 64 QAM_708.5MHz_Outer_Full



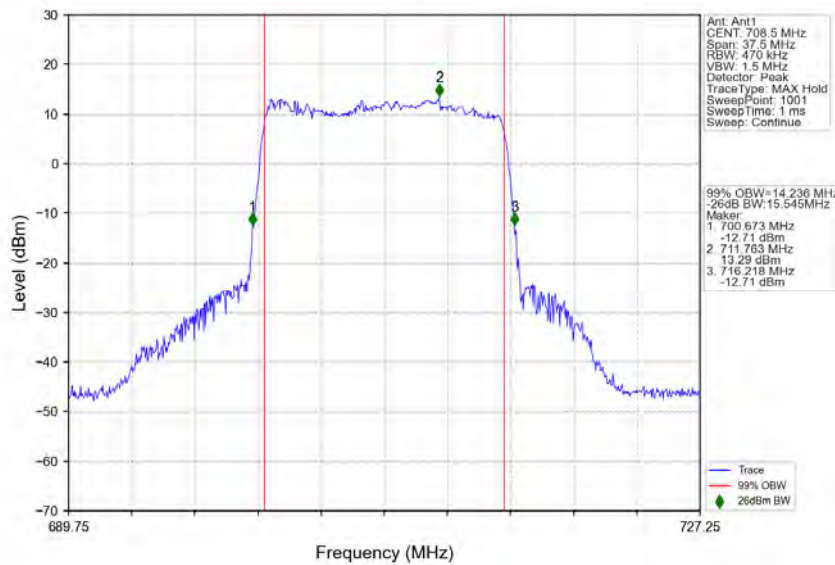
n12_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_706.5MHz_Outer_Full



n12_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_707.5MHz_Outer_Full



n12_15kHz_SISO_NTNV_15MHz_CP-OFDM 256 QAM_708.5MHz_Outer_Full



4. Peak-Average Ratio

4.1 Test Result

4.1.1 15k_SISO_5MHz_NTNV

5G NR n12 SCS=15kHz SISO 5MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	701.5	Outer_Full	4.14	/	/	<=13	Pass
	707.5	Outer_Full	4.14	/	/	<=13	Pass
	713.5	Outer_Full	4.43	/	/	<=13	Pass
DFT-s-OFDM QPSK	701.5	Outer_Full	4.90	/	/	<=13	Pass
	707.5	Outer_Full	4.80	/	/	<=13	Pass
	713.5	Outer_Full	5.27	/	/	<=13	Pass

4.1.2 15k_SISO_10MHz_NTNV

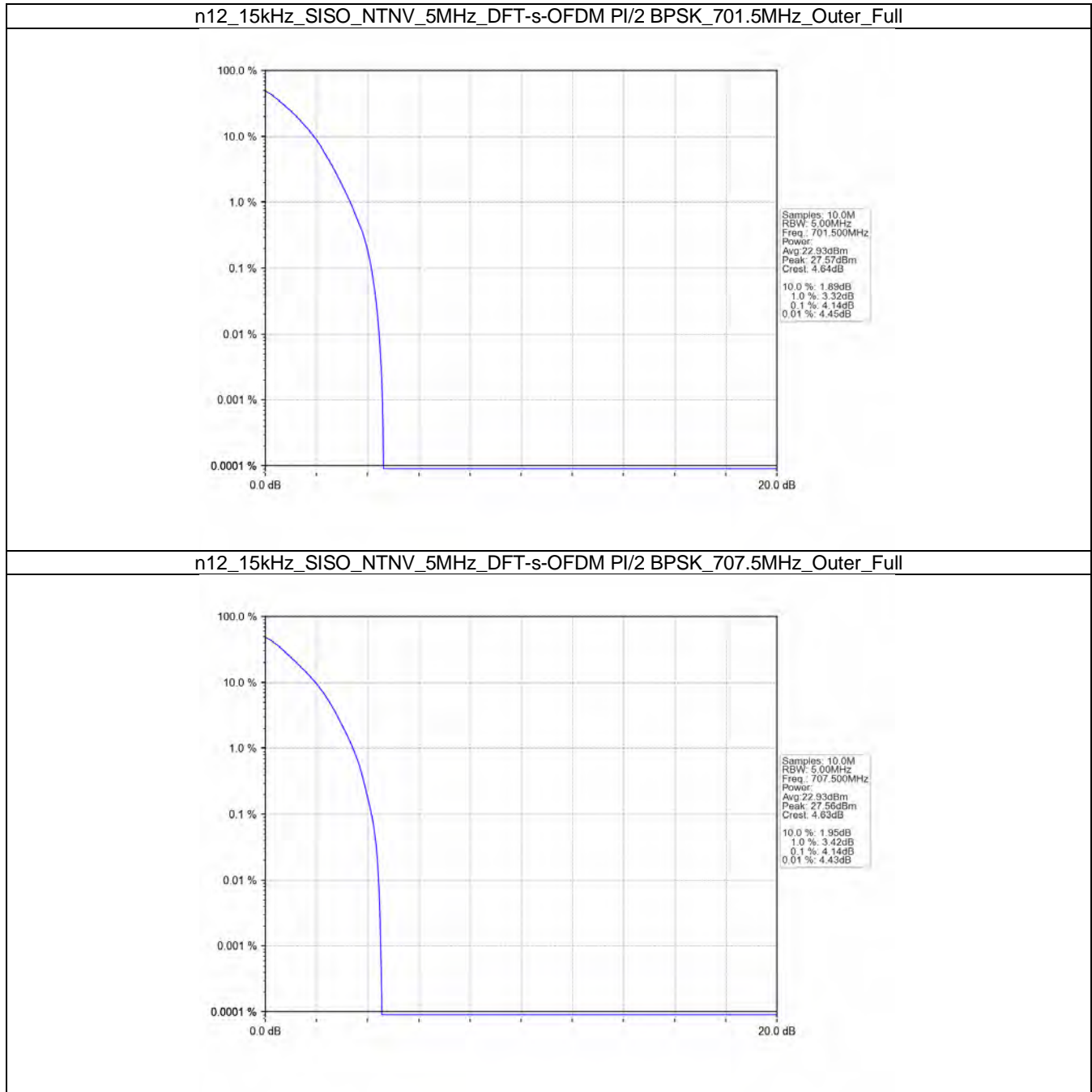
5G NR n12 SCS=15kHz SISO 10MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	704	Outer_Full	4.19	/	/	<=13	Pass
	707.5	Outer_Full	4.25	/	/	<=13	Pass
	711	Outer_Full	3.71	/	/	<=13	Pass
DFT-s-OFDM QPSK	704	Outer_Full	5.45	/	/	<=13	Pass
	707.5	Outer_Full	4.63	/	/	<=13	Pass
	711	Outer_Full	4.62	/	/	<=13	Pass

4.1.3 15k_SISO_15MHz_NTNV

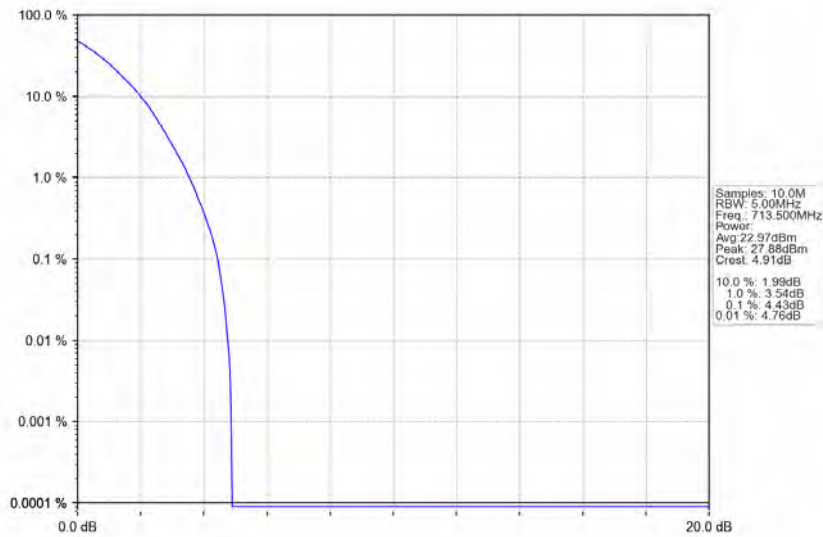
5G NR n12 SCS=15kHz SISO 15MHz NTN							
Modulation	Frequency (MHz)	RB Allocation	Peak-Average Ratio (dB)				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	706.5	Outer_Full	4.29	/	/	<=13	Pass
	707.5	Outer_Full	4.24	/	/	<=13	Pass
	708.5	Outer_Full	4.33	/	/	<=13	Pass
DFT-s-OFDM QPSK	706.5	Outer_Full	4.92	/	/	<=13	Pass
	707.5	Outer_Full	4.86	/	/	<=13	Pass
	708.5	Outer_Full	5.28	/	/	<=13	Pass

4.2 Test Graph

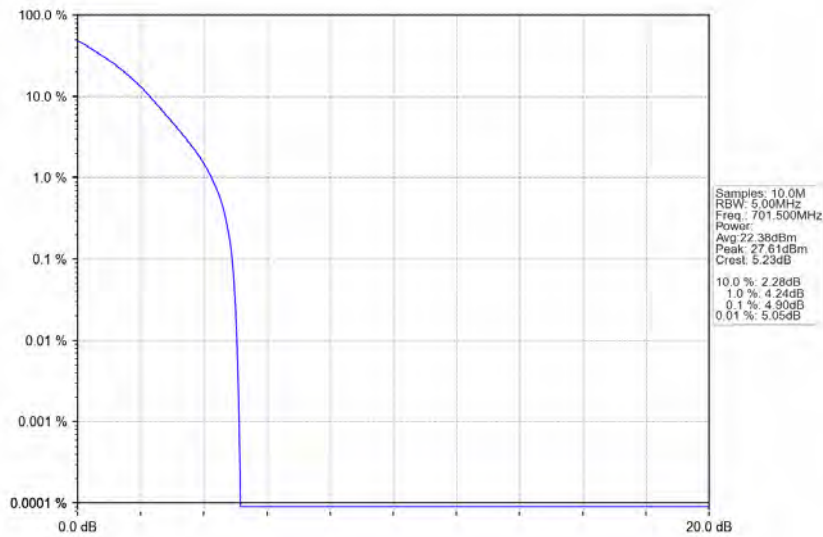
4.2.1 15k_SISO_5MHz_NTNV



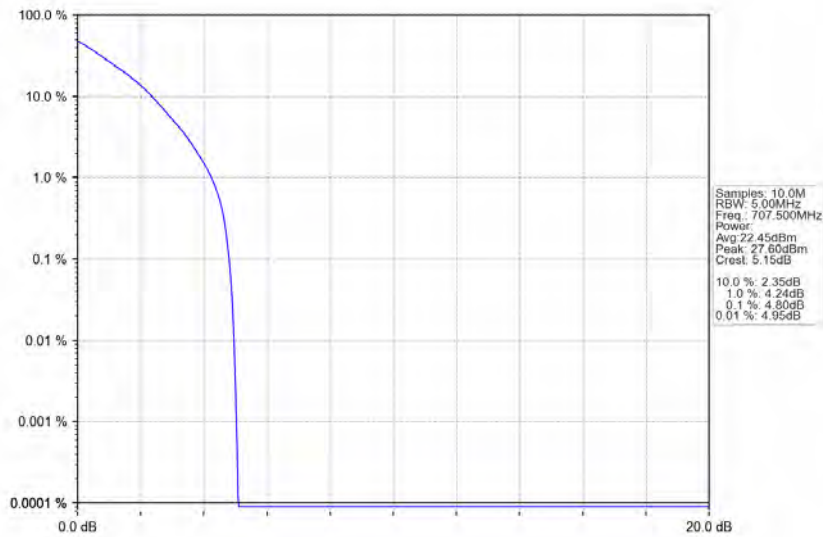
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_713.5MHz_Outer_Full



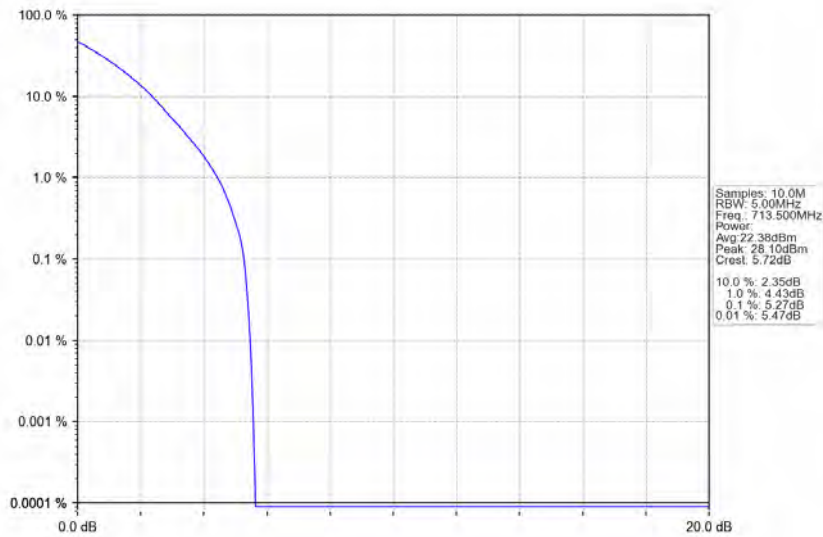
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_701.5MHz_Outer_Full



n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_707.5MHz_Outer_Full

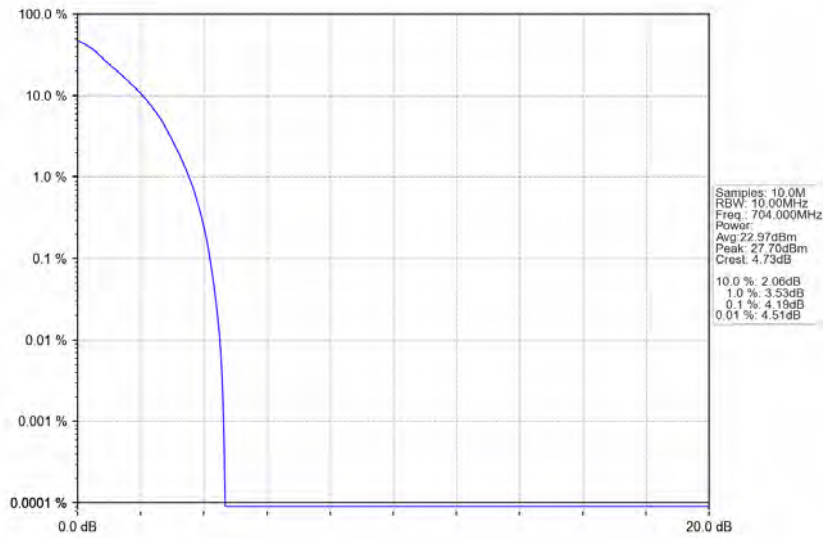


n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_713.5MHz_Outer_Full

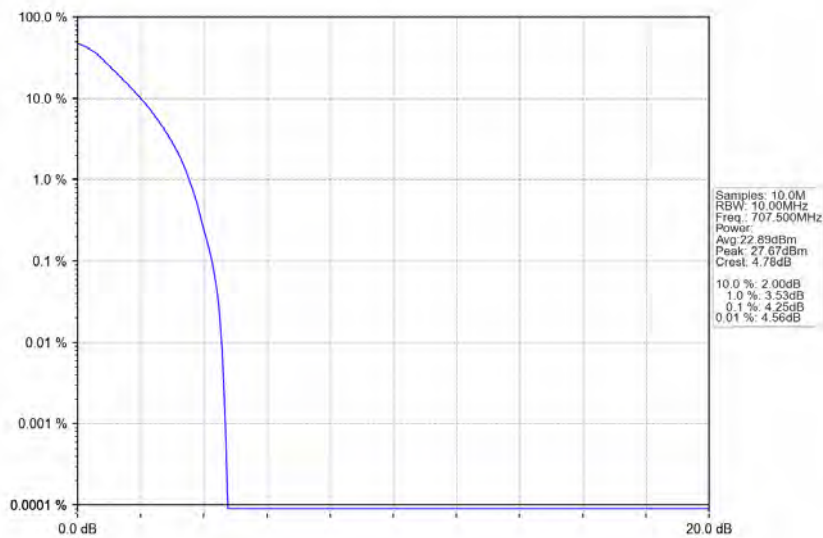


4.2.2 15k_SISO_10MHz_NTNV

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Outer_Full



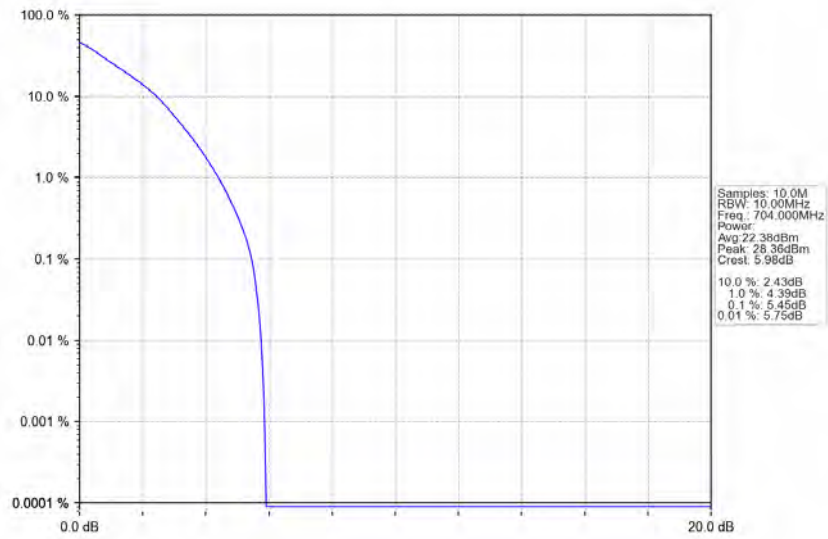
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Outer_Full



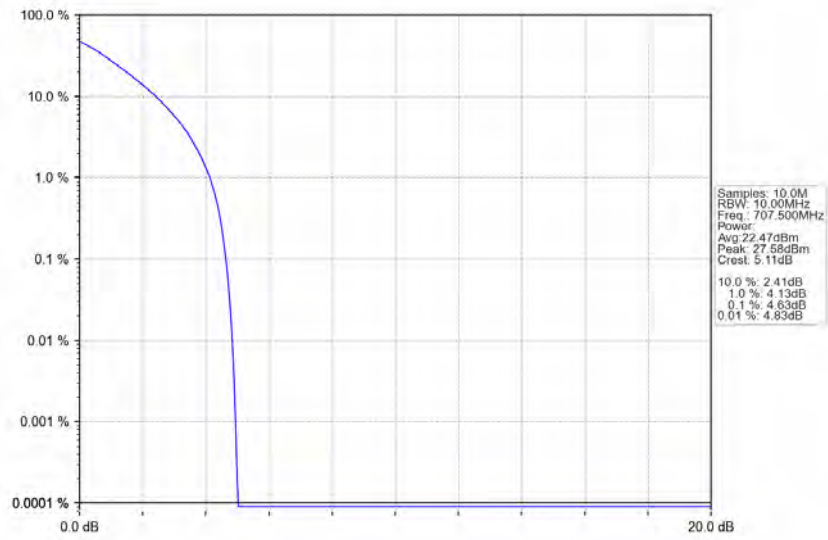
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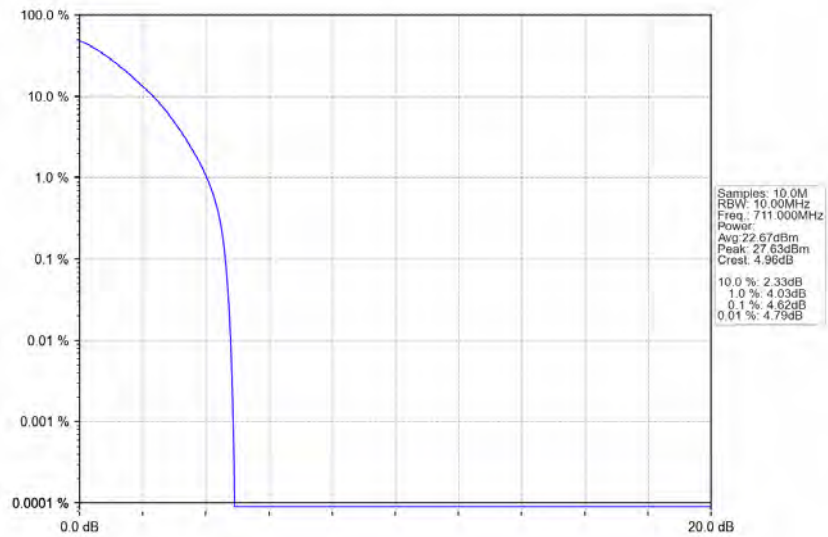
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_704MHz_Outer_Full



n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_707.5MHz_Outer_Full

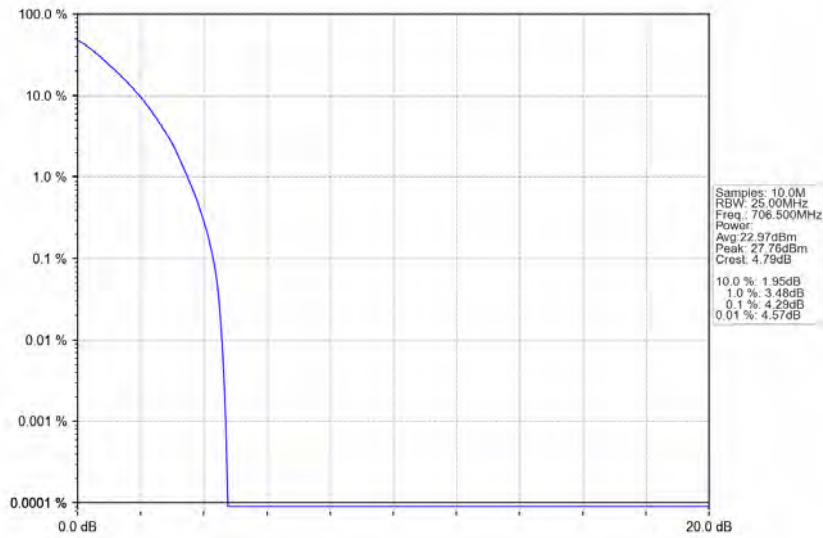


n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_711MHz_Outer_Full

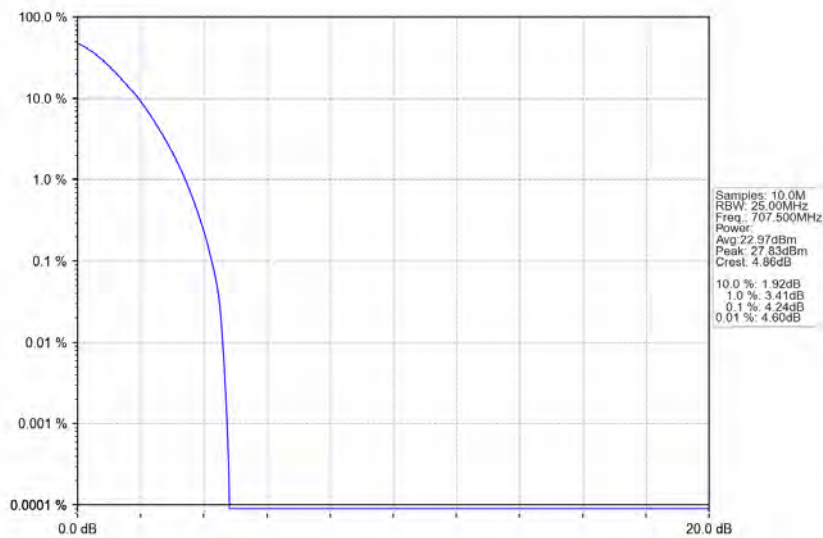


4.2.3 15k_SISO_15MHz_NTNV

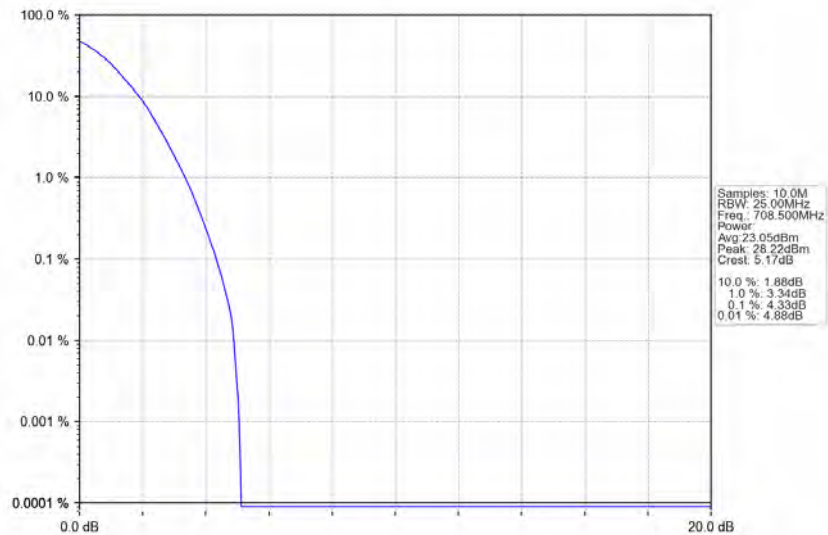
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Outer_Full



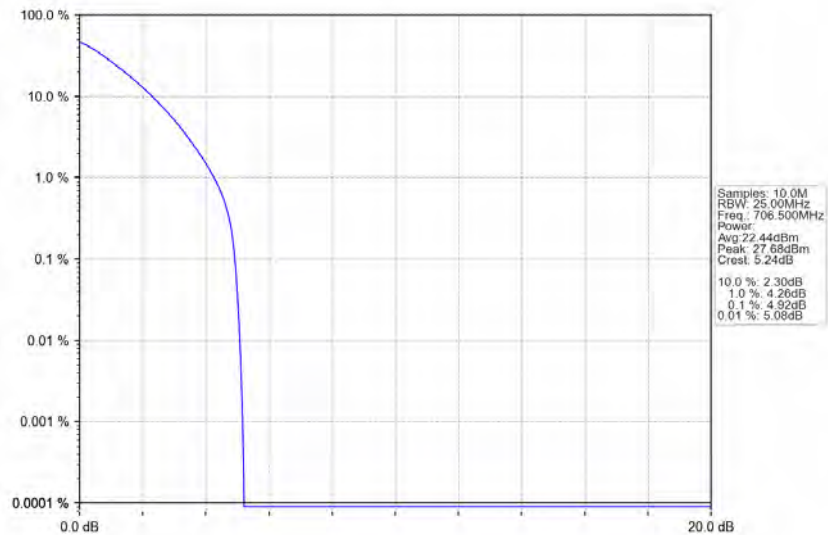
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Outer_Full



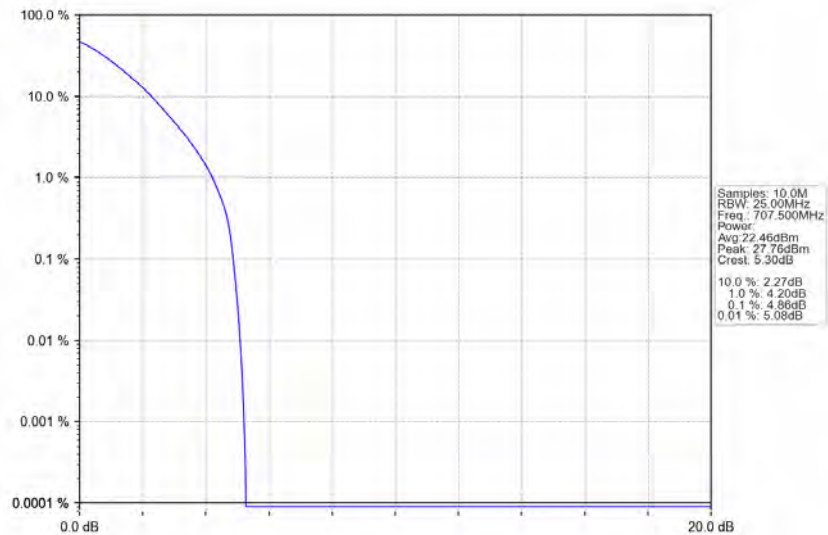
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_708.5MHz_Outer_Full



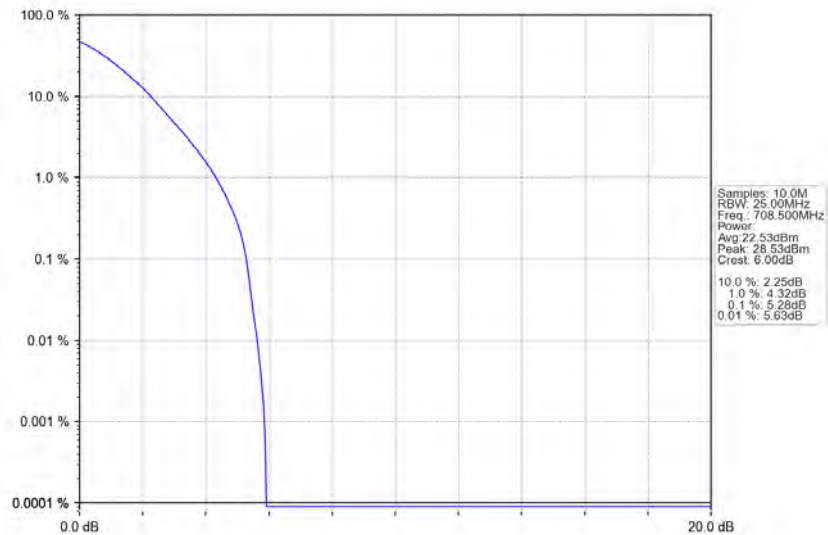
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_706.5MHz_Outer_Full



n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_707.5MHz_Outer_Full



n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM QPSK_708.5MHz_Outer_Full



5. Spurious Emission

5.1 Test Result

5.1.1 15k_SISO_5MHz_NTNV

5G NR n12 SCS=15kHz SISO 5MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	701.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		713.5	Edge_1RB_Right	Refer To Test Graph			
DFT-s-OFDM QPSK	701.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		713.5	Edge_1RB_Right	Refer To Test Graph			
CP-OFDM QPSK	701.5	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		713.5	Edge_1RB_Right	Refer To Test Graph			
		Outer_Full	Refer To Test Graph				Pass

5.1.2 15k_SISO_10MHz_NTNV

5G NR n12 SCS=15kHz SISO 10MHz NTV							
Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
			Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	704	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		711	Edge_1RB_Right	Refer To Test Graph			
DFT-s-OFDM QPSK	704	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		711	Edge_1RB_Right	Refer To Test Graph			
CP-OFDM QPSK	704	Edge_1RB_Left	Refer To Test Graph				Pass
		Outer_Full	Refer To Test Graph				Pass
	707.5	Edge_1RB_Left	Refer To Test Graph				Pass
		711	Edge_1RB_Right	Refer To Test Graph			
		Outer_Full	Refer To Test Graph				Pass

5.1.3 15k_SISO_15MHz_NTNV

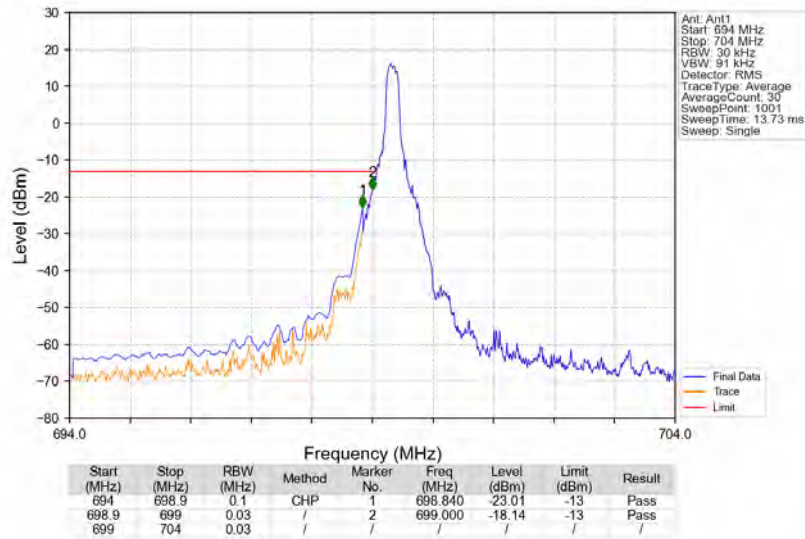
5G NR n12 SCS=15kHz SISO 15MHz NTV					
Modulation	Frequency	RB	Spurious Emission		Verdict

	(MHz)	Allocation	Ant1	Ant2	Sum	Limit	
DFT-s-OFDM PI/2 BPSK	706.5	Edge_1RB_Left		Refer To Test Graph			Pass
		Outer_Full		Refer To Test Graph			Pass
	707.5	Edge_1RB_Left		Refer To Test Graph			Pass
		Edge_1RB_Right		Refer To Test Graph			Pass
	708.5	Edge_1RB_Right		Refer To Test Graph			Pass
		Outer_Full		Refer To Test Graph			Pass
DFT-s-OFDM QPSK	706.5	Edge_1RB_Left		Refer To Test Graph			Pass
		Outer_Full		Refer To Test Graph			Pass
	707.5	Edge_1RB_Left		Refer To Test Graph			Pass
		Edge_1RB_Right		Refer To Test Graph			Pass
	708.5	Edge_1RB_Right		Refer To Test Graph			Pass
		Outer_Full		Refer To Test Graph			Pass
CP-OFDM QPSK	706.5	Edge_1RB_Left		Refer To Test Graph			Pass
		Outer_Full		Refer To Test Graph			Pass
	707.5	Edge_1RB_Left		Refer To Test Graph			Pass
		Edge_1RB_Right		Refer To Test Graph			Pass
	708.5	Edge_1RB_Right		Refer To Test Graph			Pass
		Outer_Full		Refer To Test Graph			Pass

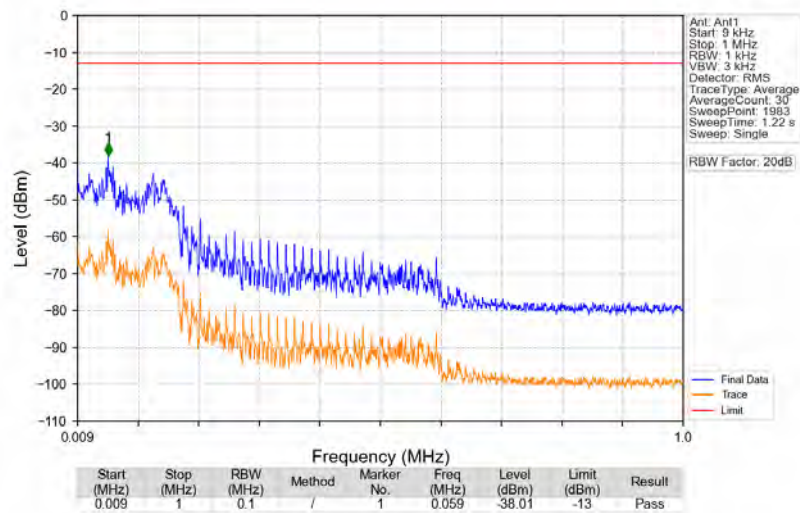
5.2 Test Graph

5.2.1 15k_SISO_5MHz_NTNV

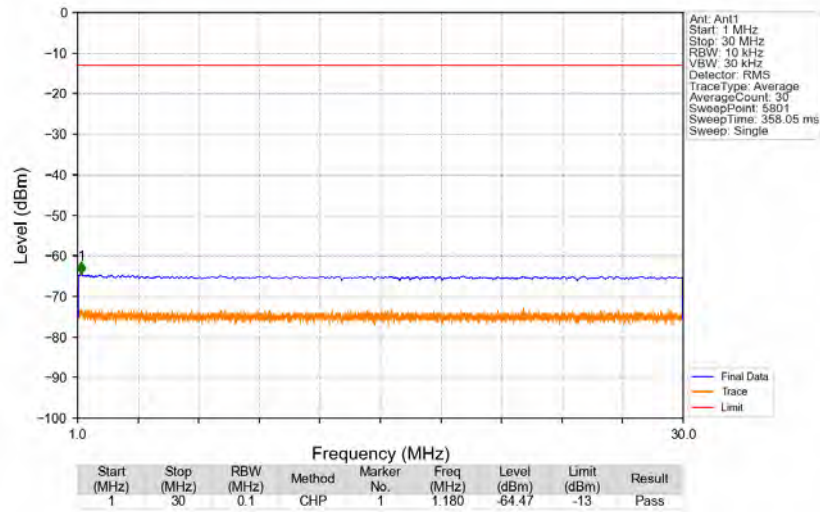
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_701.5MHz_Edge_1RB_Left



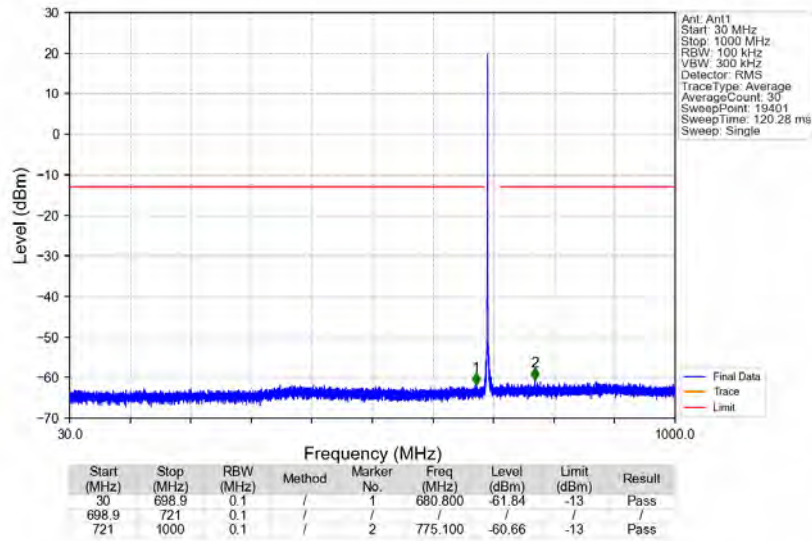
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_701.5MHz_Edge_1RB_Left



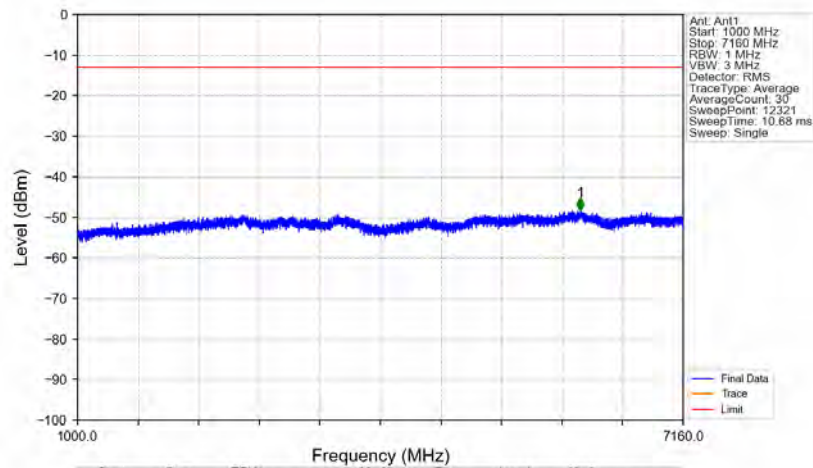
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_701.5MHz_Edge_1RB_Left



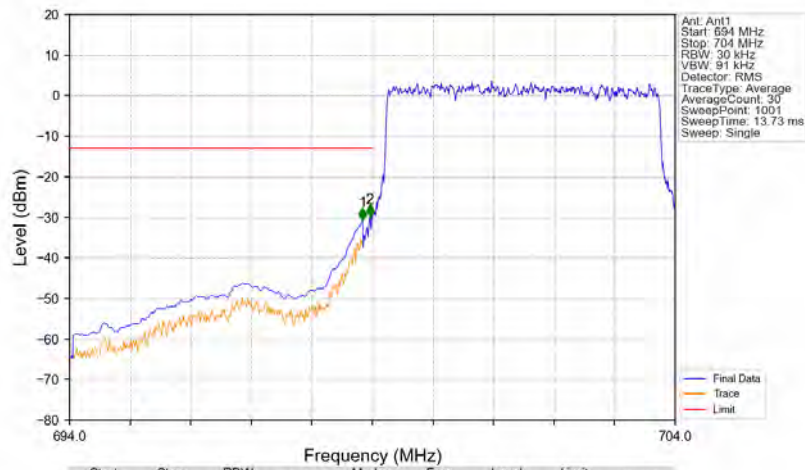
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_701.5MHz_Edge_1RB_Left



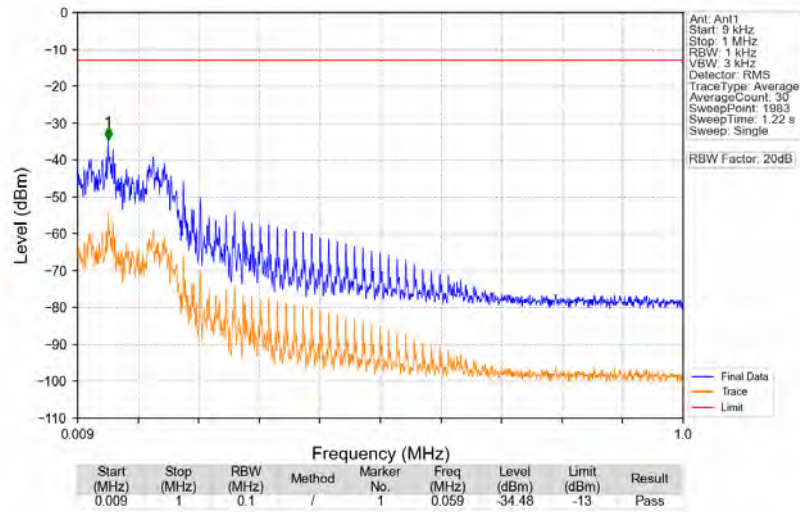
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_701.5MHz_Edge_1RB_Left



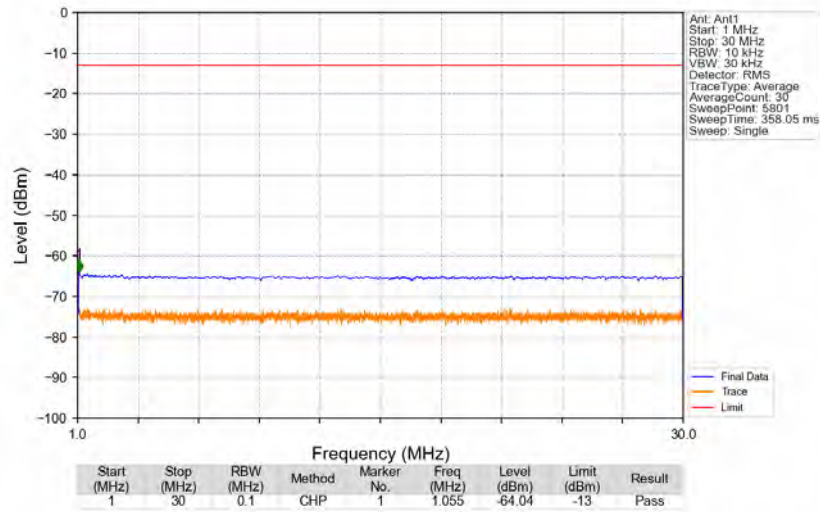
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_701.5MHz_Outer_Full



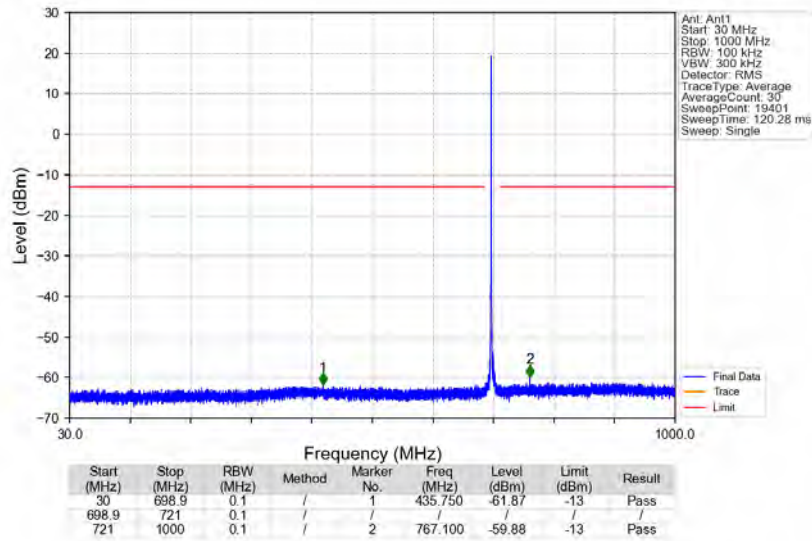
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Edge_1RB_Left



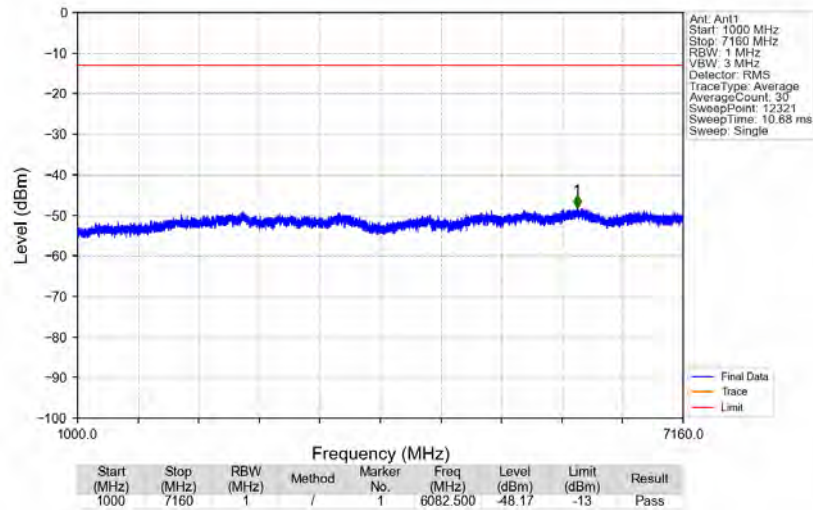
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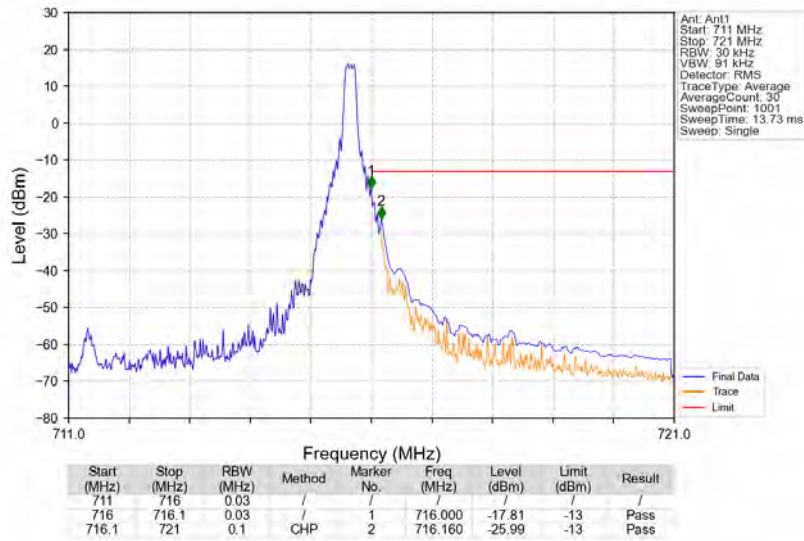
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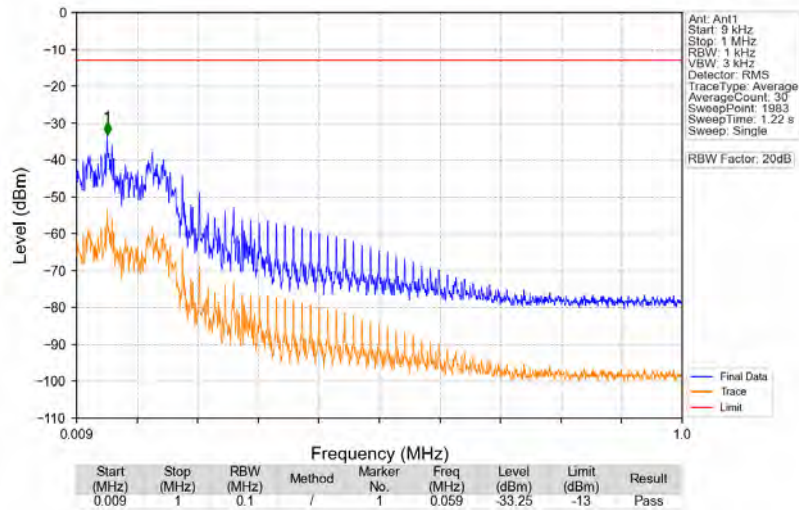
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Edge_1RB_Left



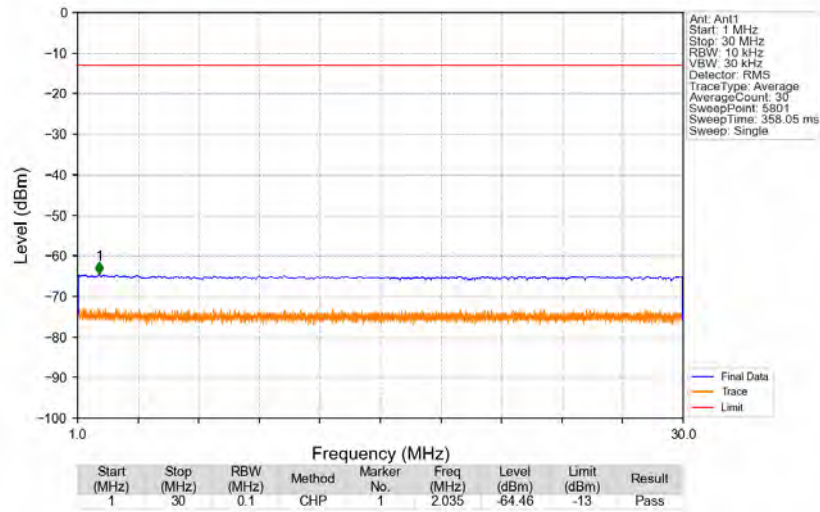
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_713.5MHz_Edge_1RB_Right



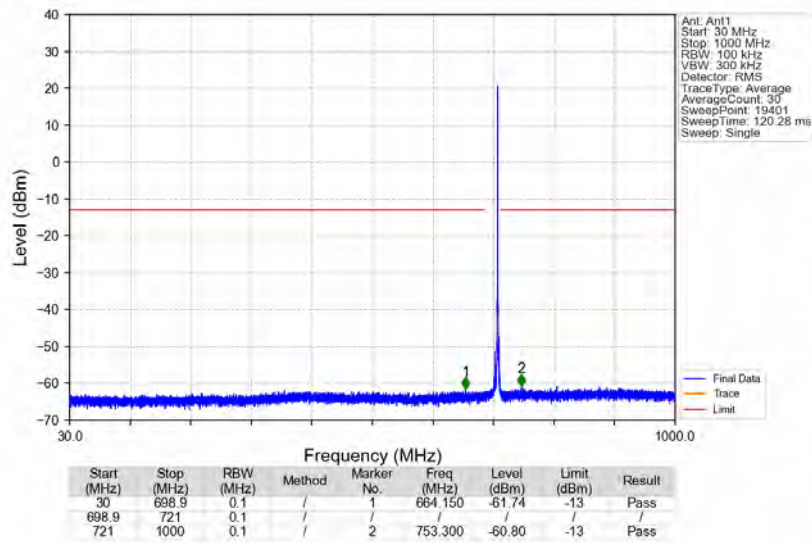
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_713.5MHz_Edge_1RB_Right



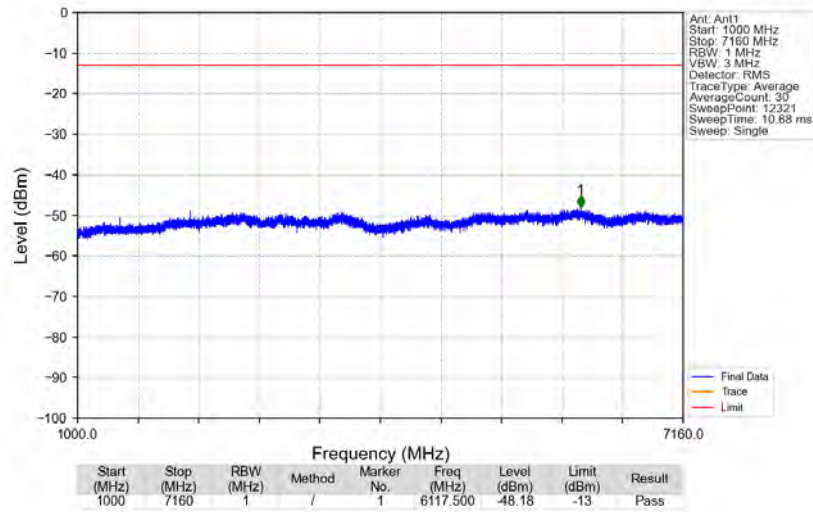
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_713.5MHz_Edge_1RB_Right



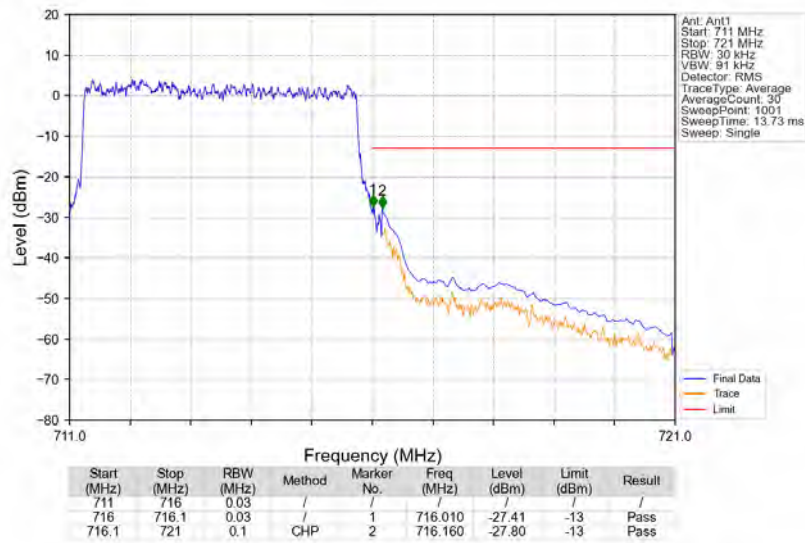
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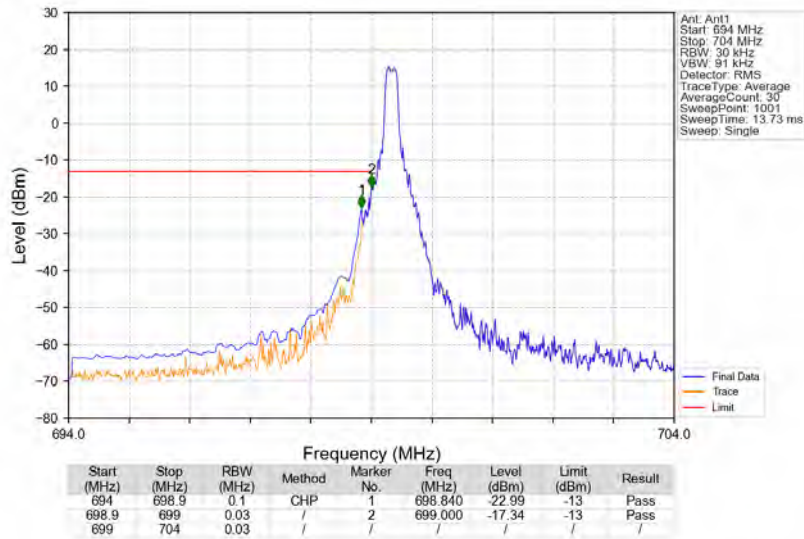
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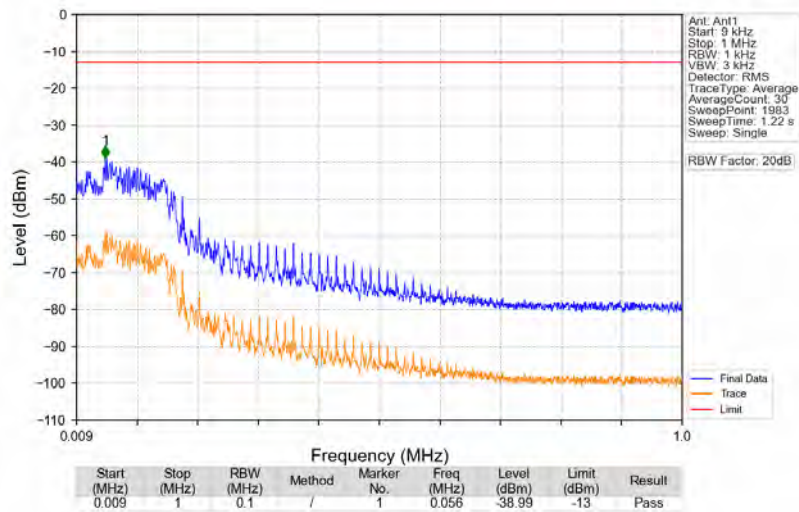
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM PI/2 BPSK_713.5MHz_Outer_Full



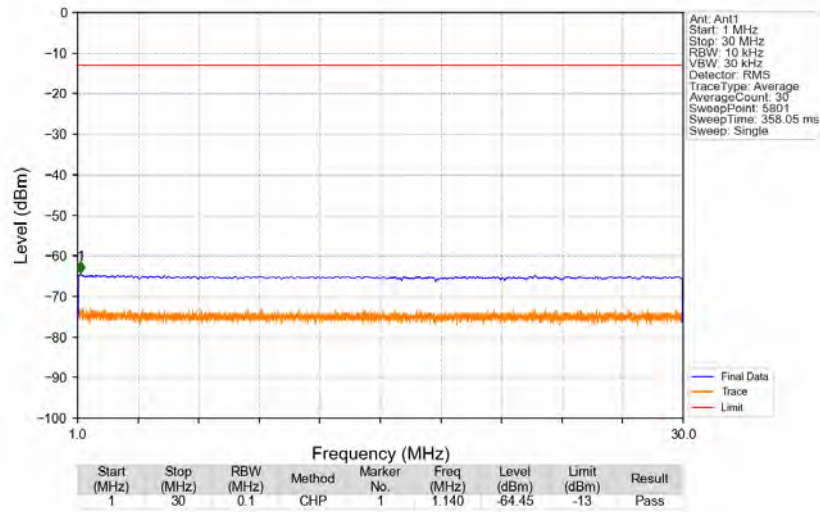
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_701.5MHz_Edge_1RB_Left



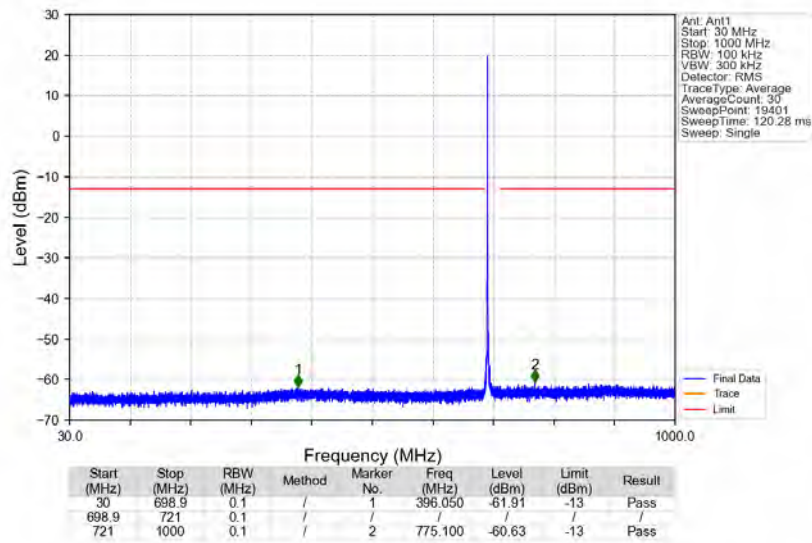
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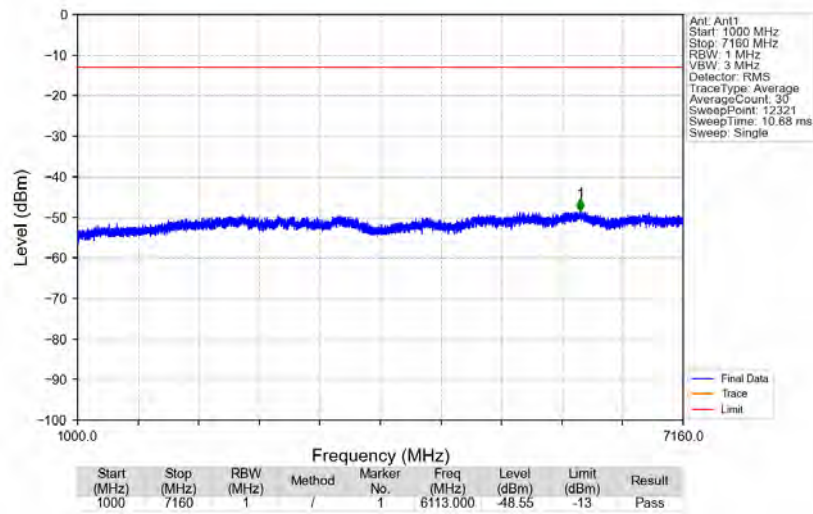
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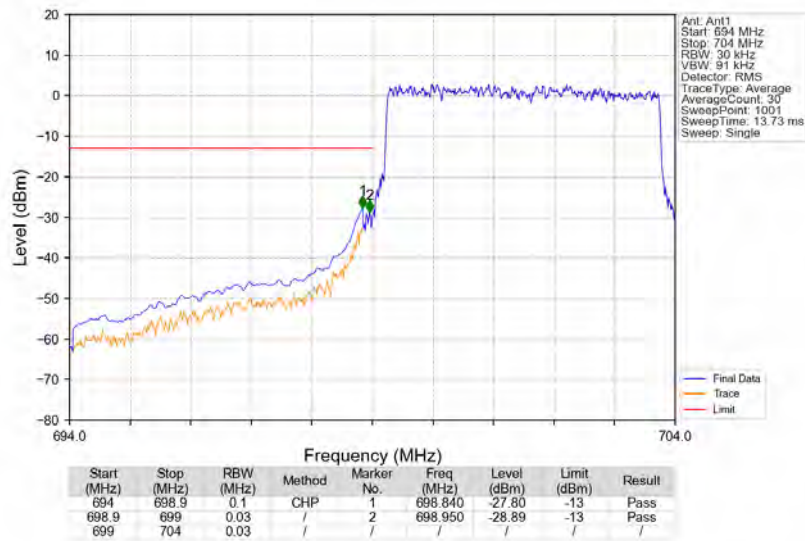
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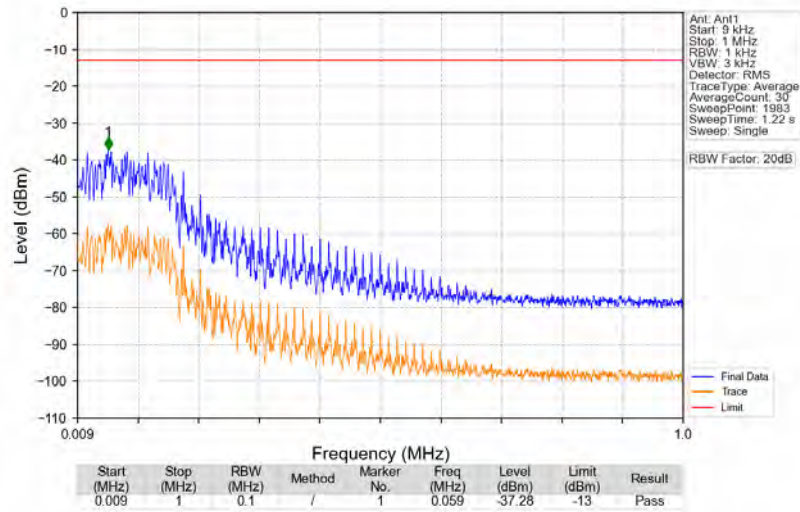
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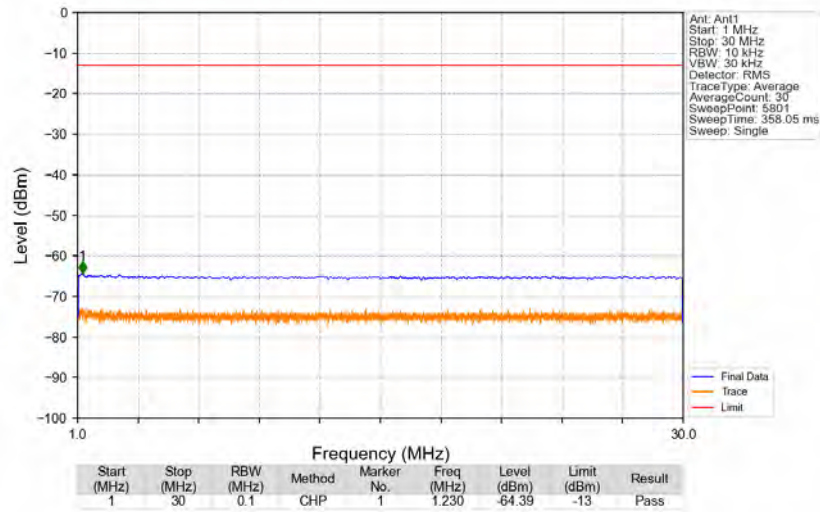
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_701.5MHz_Outer_Full



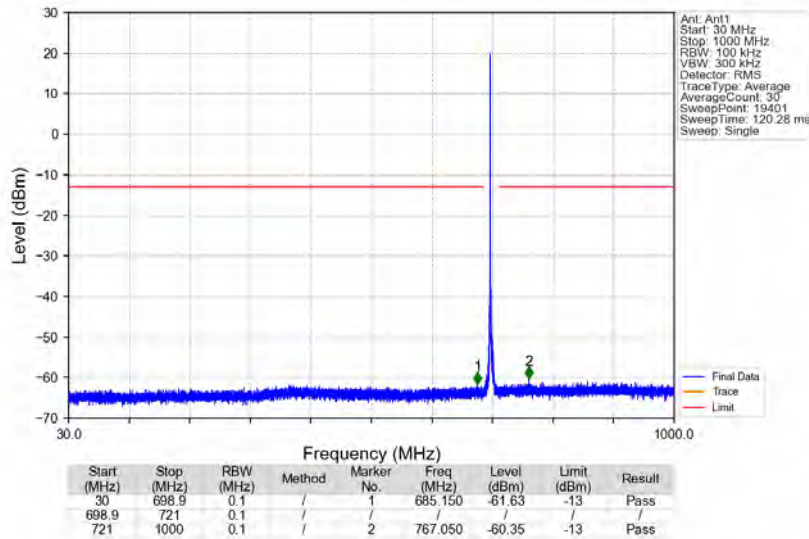
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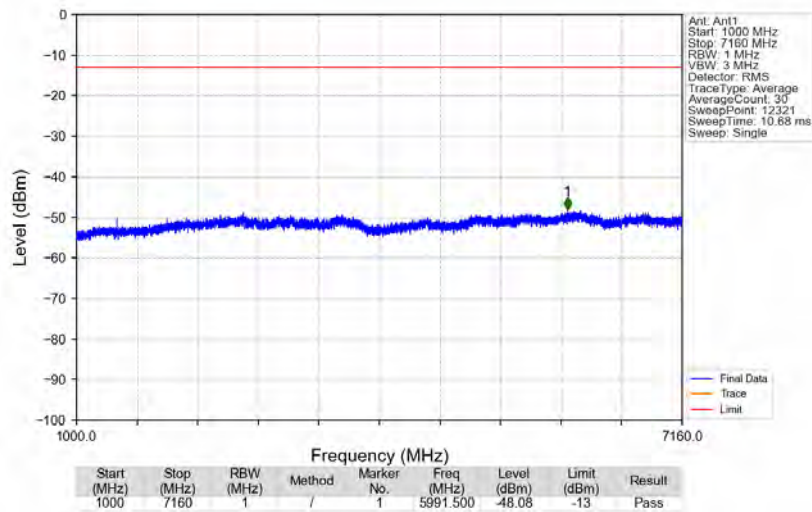
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_707.5MHz_Edge_1RB_Left



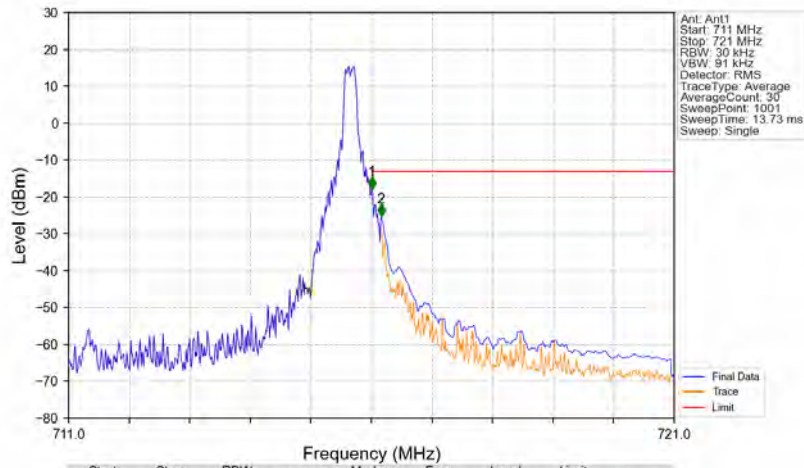
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_707.5MHz_Edge_1RB_Left



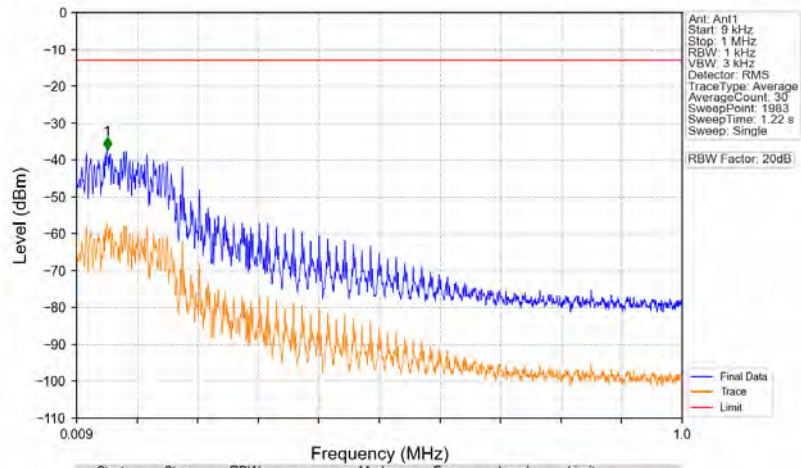
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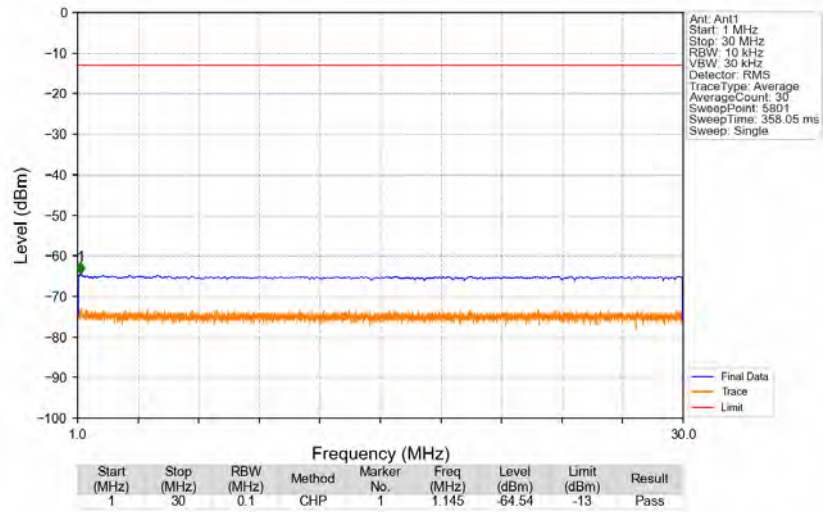
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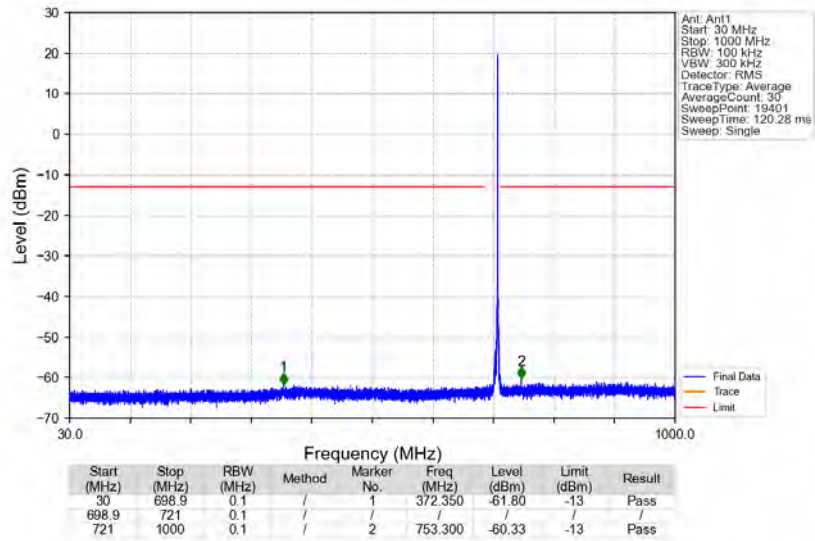
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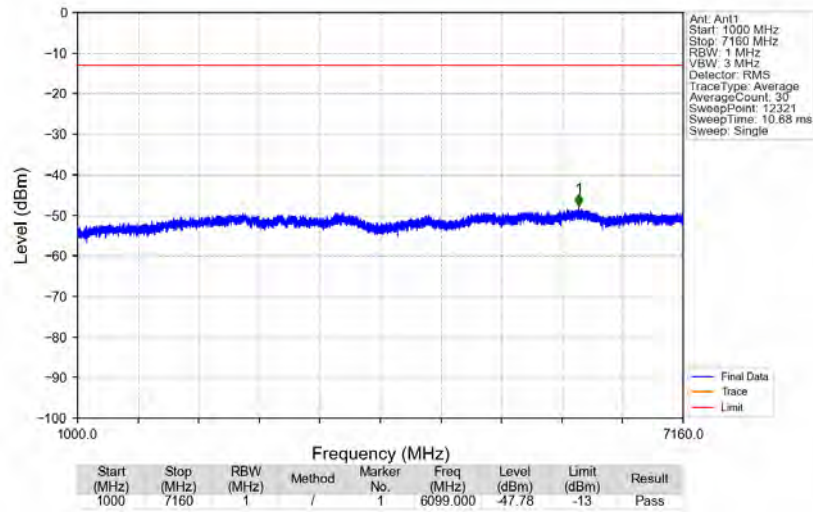
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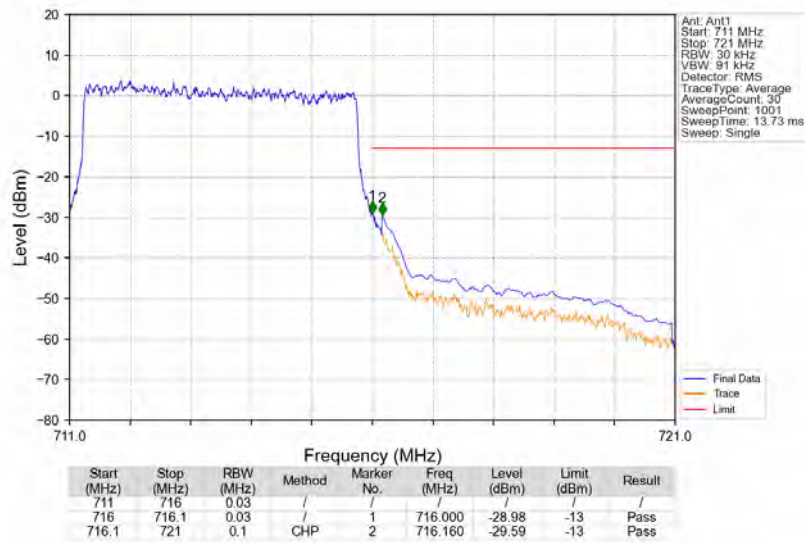
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_713.5MHz_Edge_1RB_Right



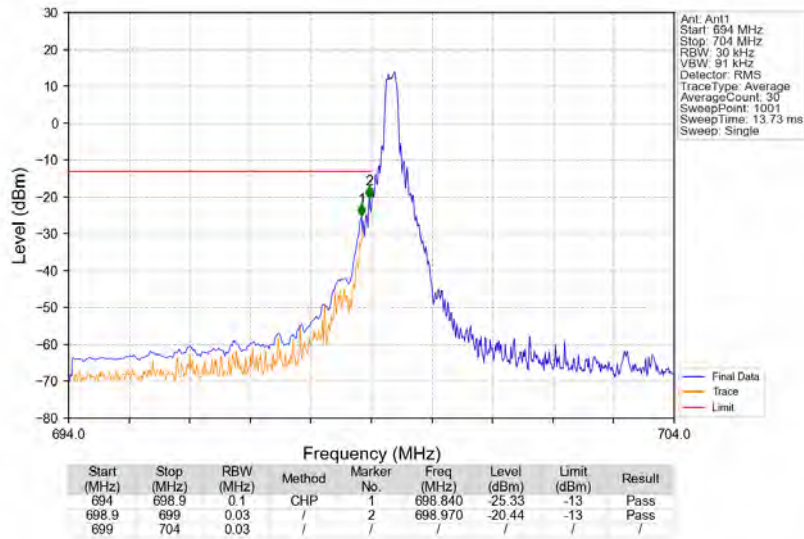
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_713.5MHz_Edge_1RB_Right



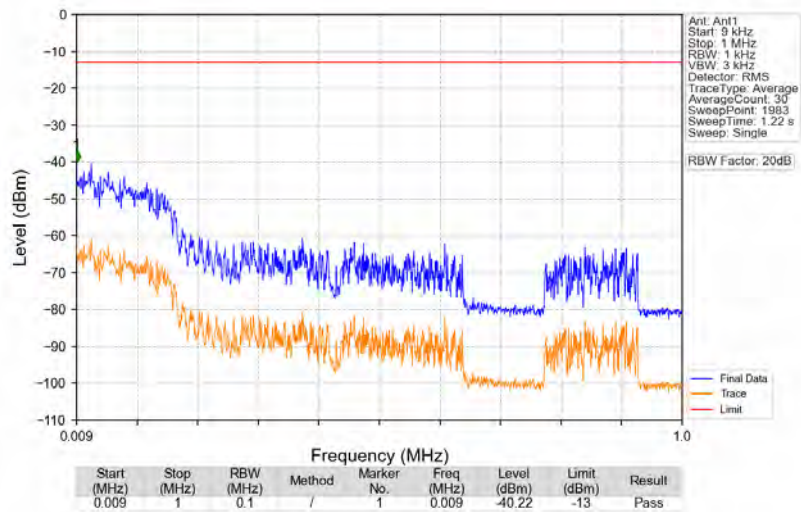
n12_15kHz_SISO_NTNV_5MHz_DFT-s-OFDM QPSK_713.5MHz_Outer_Full



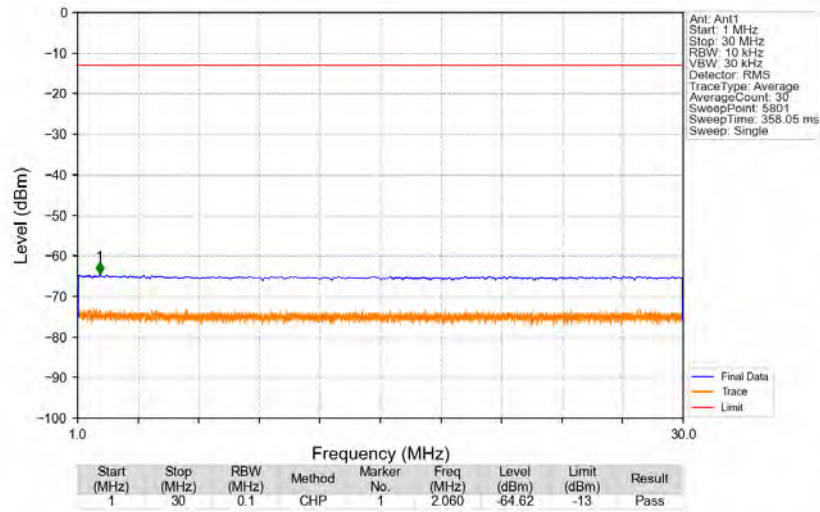
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_701.5MHz_Edge_1RB_Left



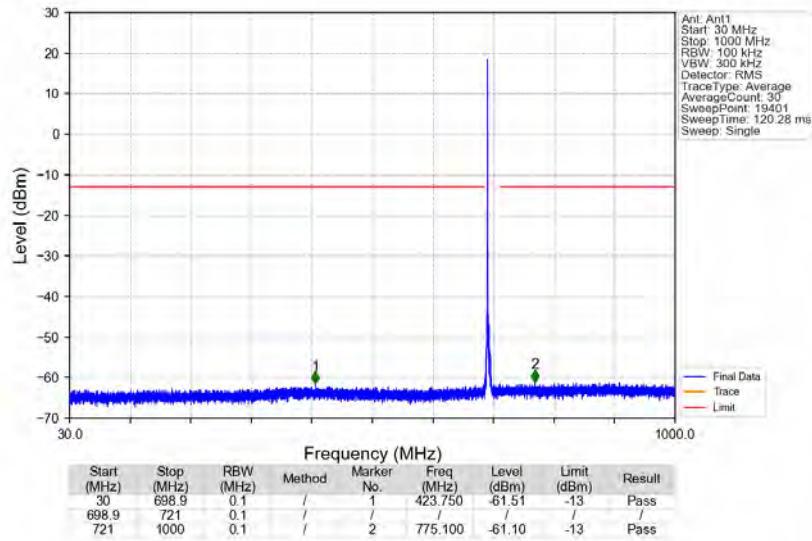
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_701.5MHz_Edge_1RB_Left



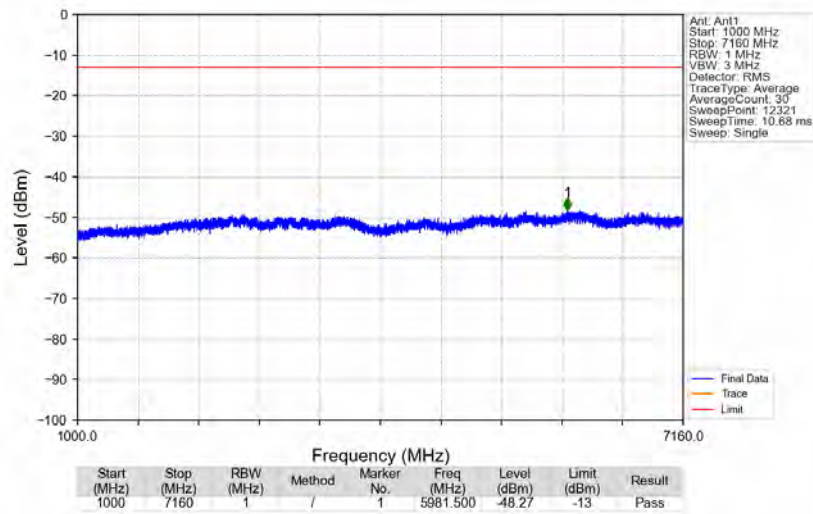
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_701.5MHz_Edge_1RB_Left



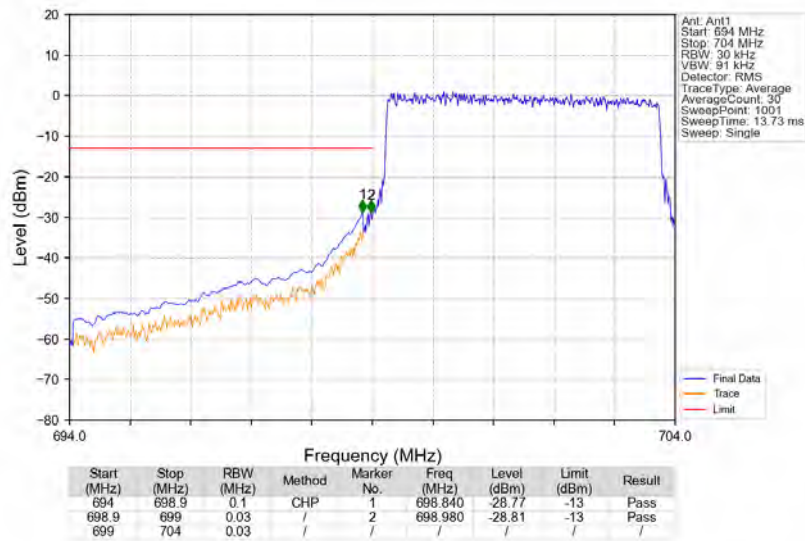
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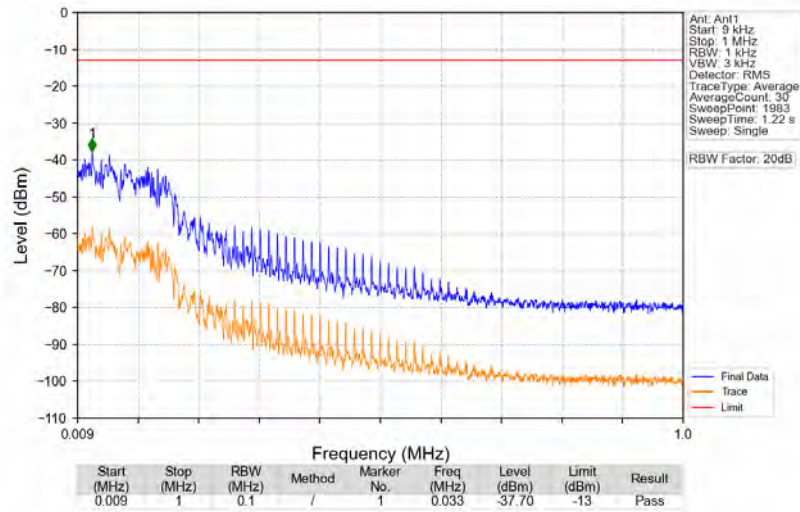
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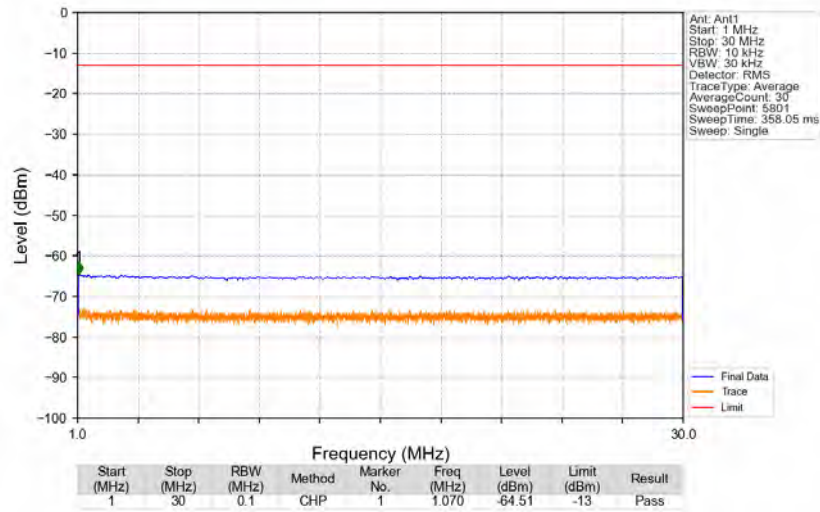
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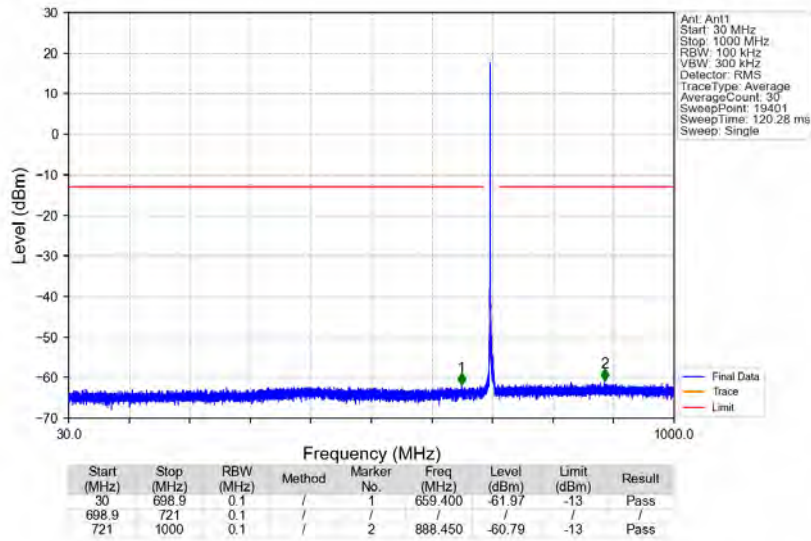
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_707.5MHz_Edge_1RB_Left



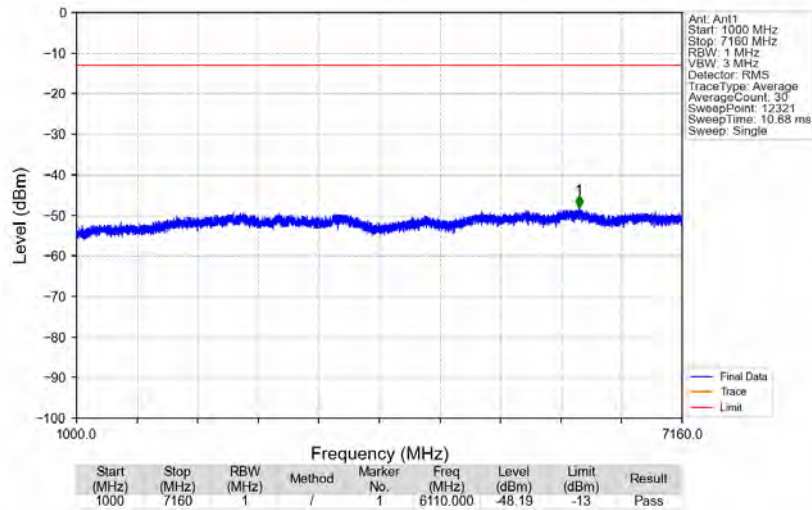
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_707.5MHz_Edge_1RB_Left



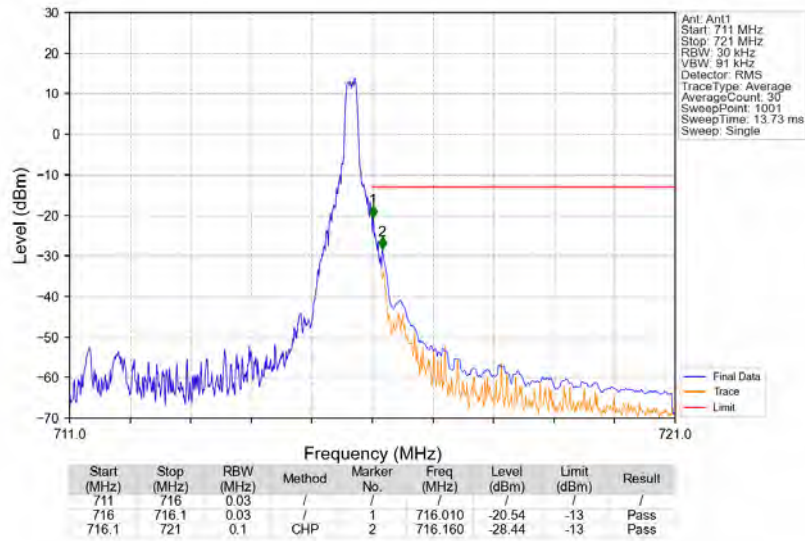
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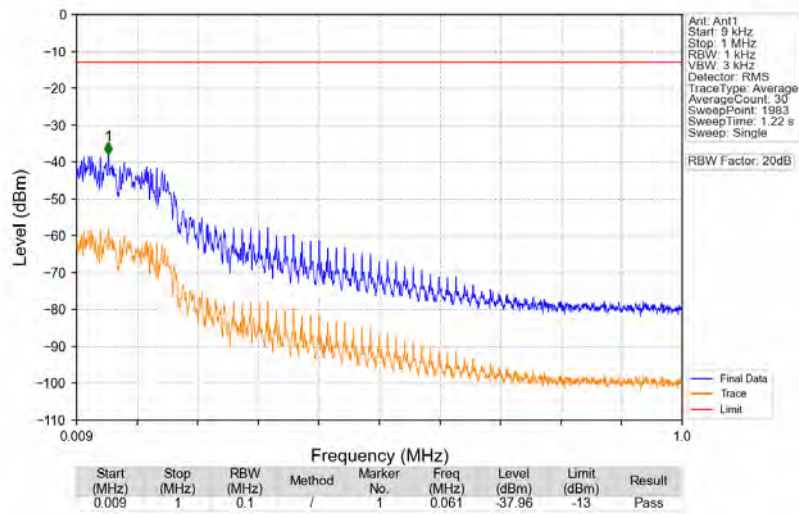
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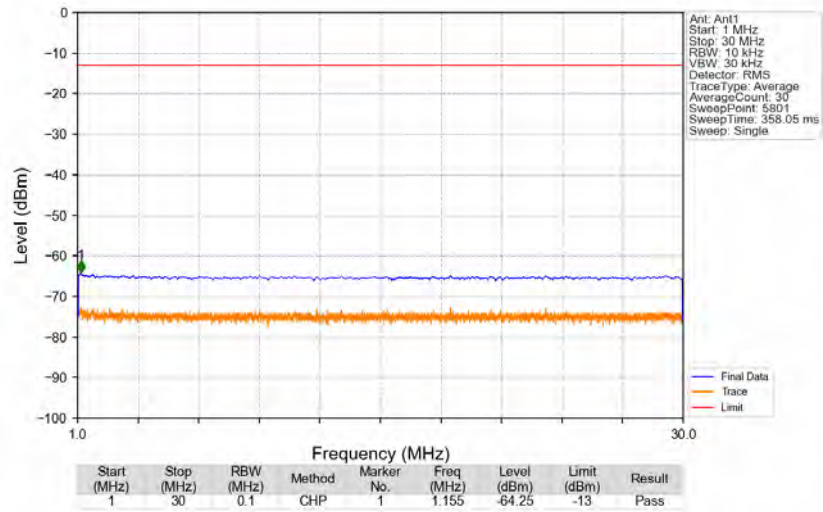
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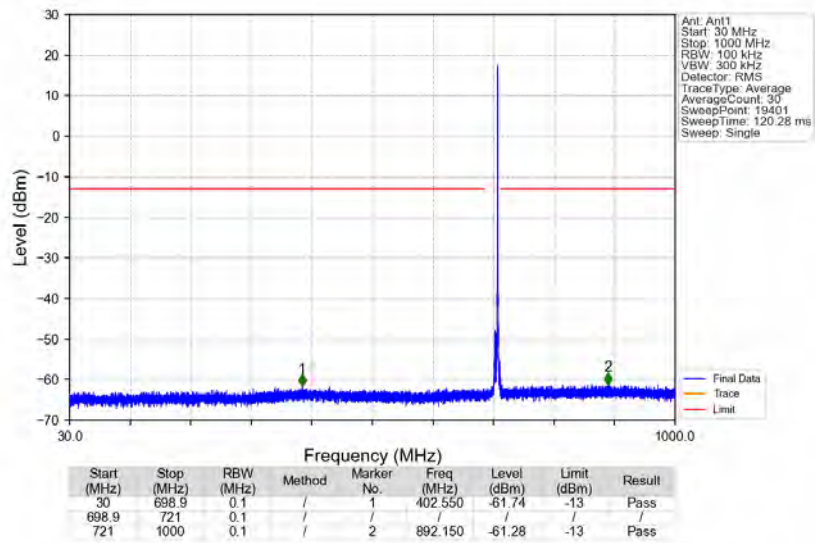
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_713.5MHz_Edge_1RB_Right



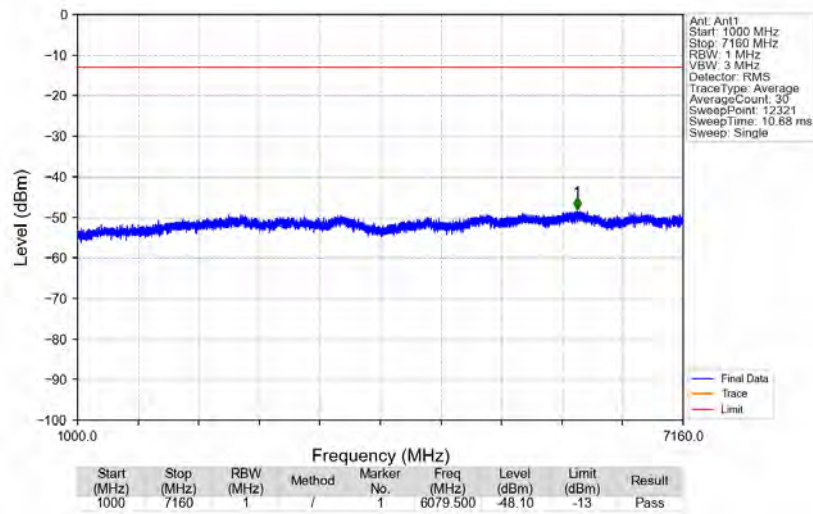
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_713.5MHz_Edge_1RB_Right



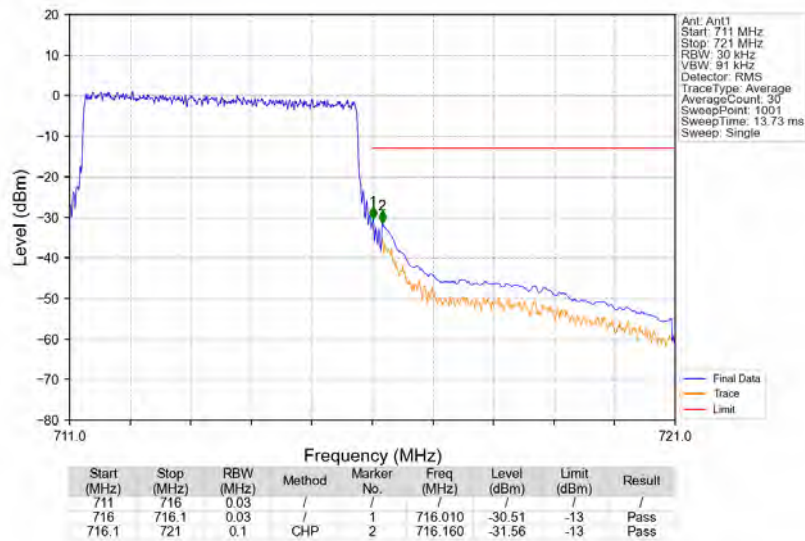
n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_713.5MHz_Edge_1RB_Right



n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_713.5MHz_Edge_1RB_Right

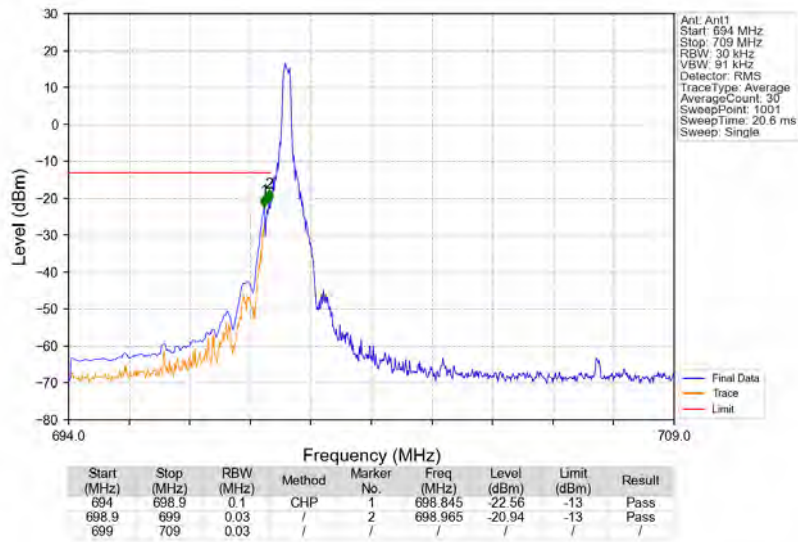


n12_15kHz_SISO_NTNV_5MHz_CP-OFDM QPSK_713.5MHz_Outer_Full

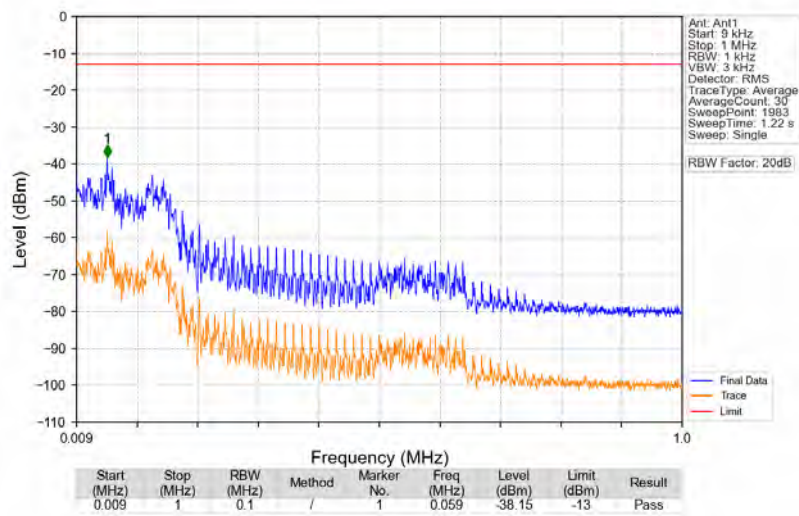


5.2.2 15k_SISO_10MHz_NTNV

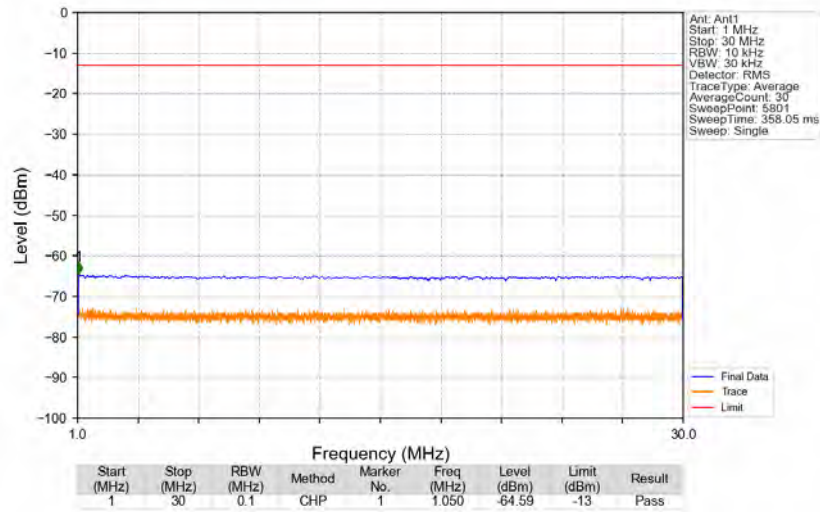
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Edge_1RB_Left



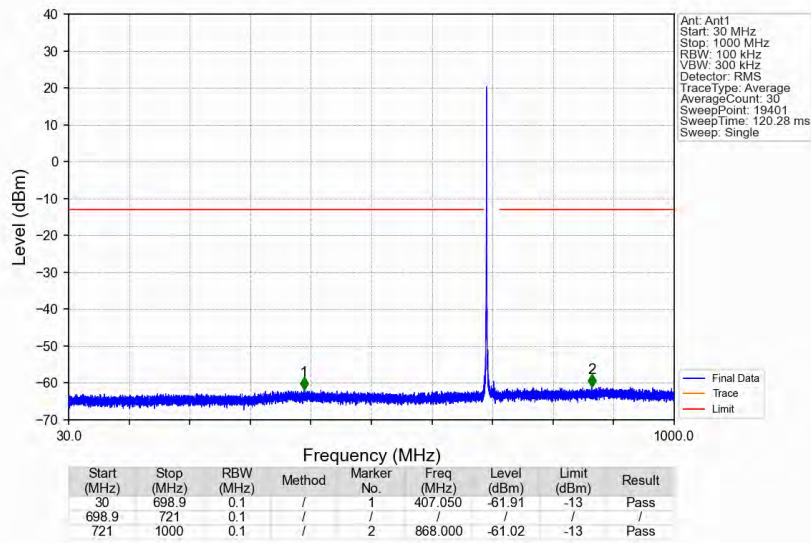
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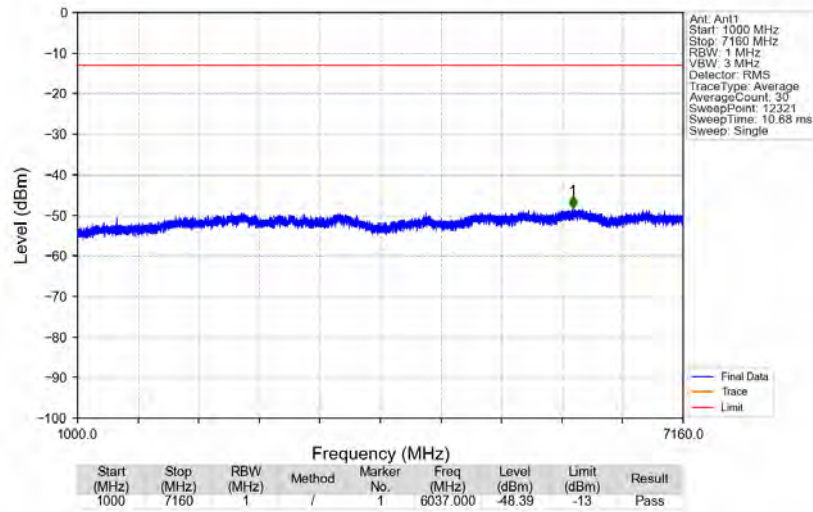
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Edge_1RB_Left



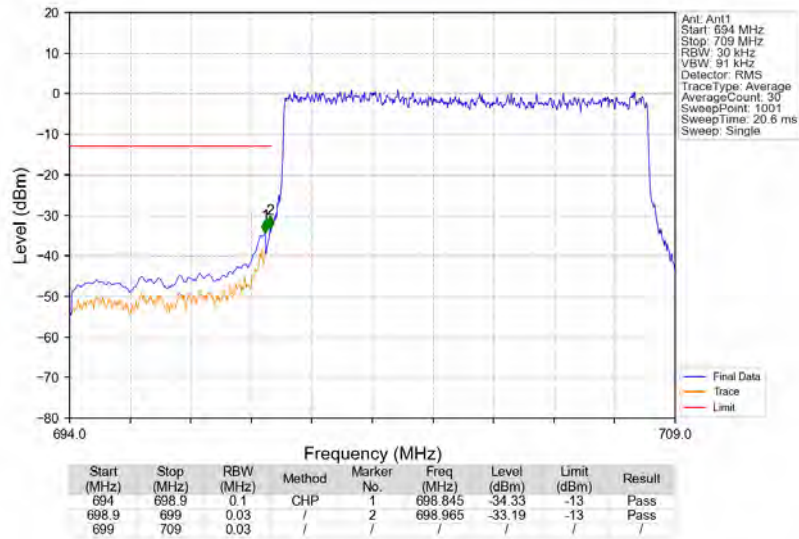
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Edge_1RB_Left



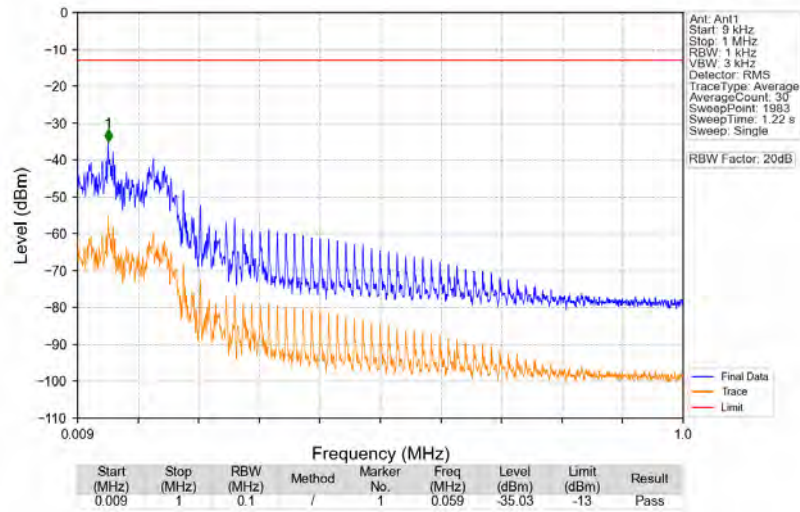
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Edge_1RB_Left



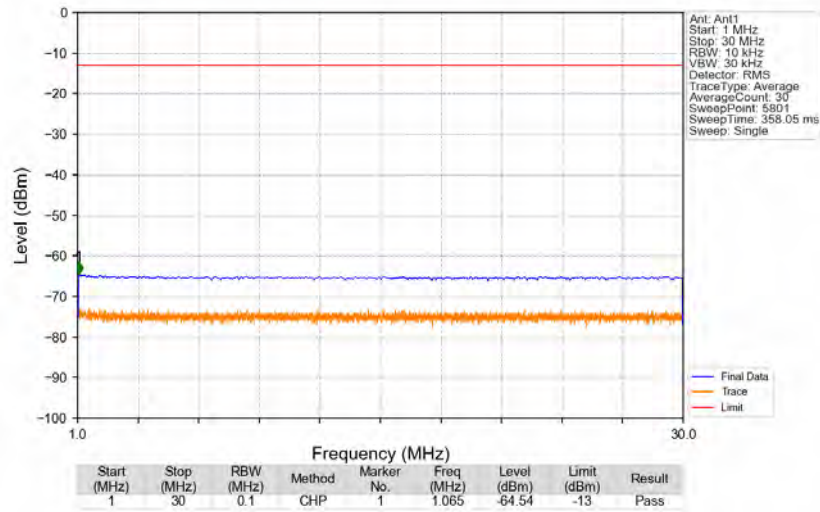
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_704MHz_Outer_Full



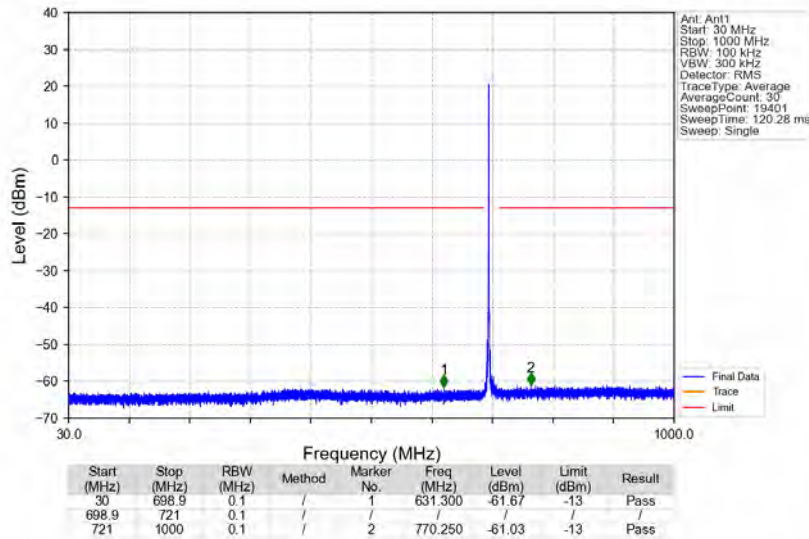
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Edge_1RB_Left



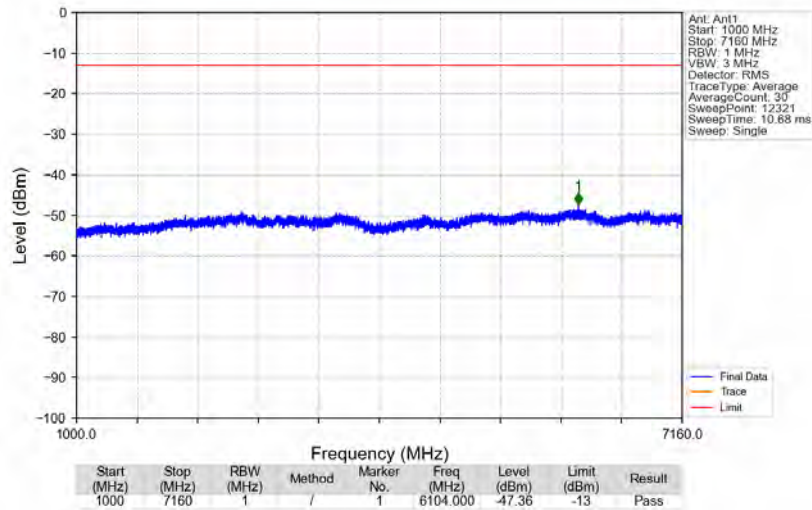
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Edge_1RB_Left



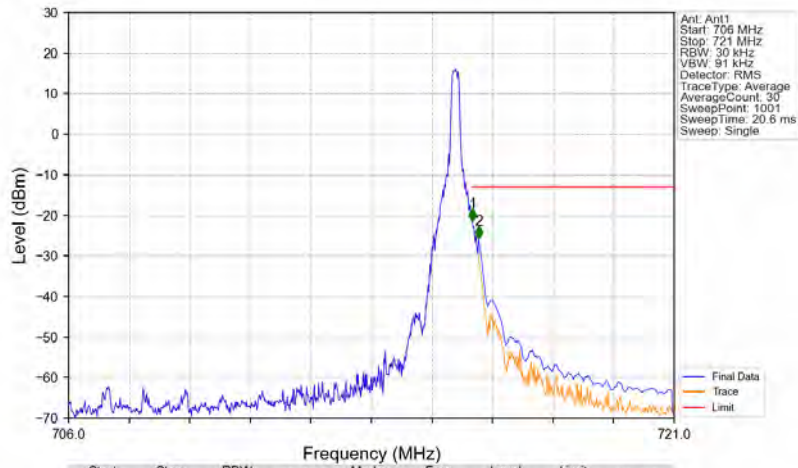
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Edge_1RB_Left



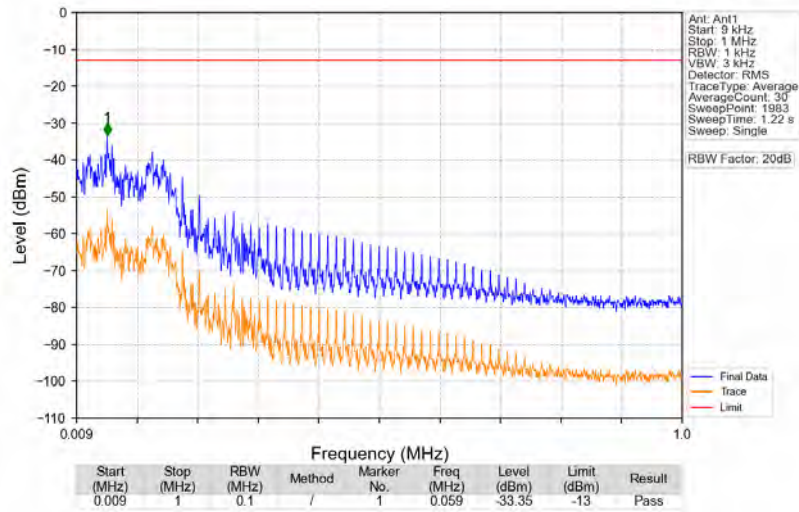
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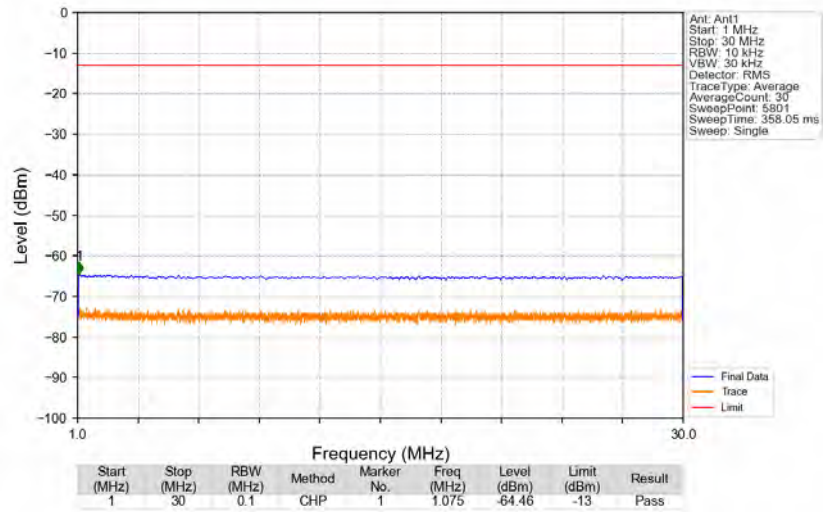
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_711MHz_Edge_1RB_Right



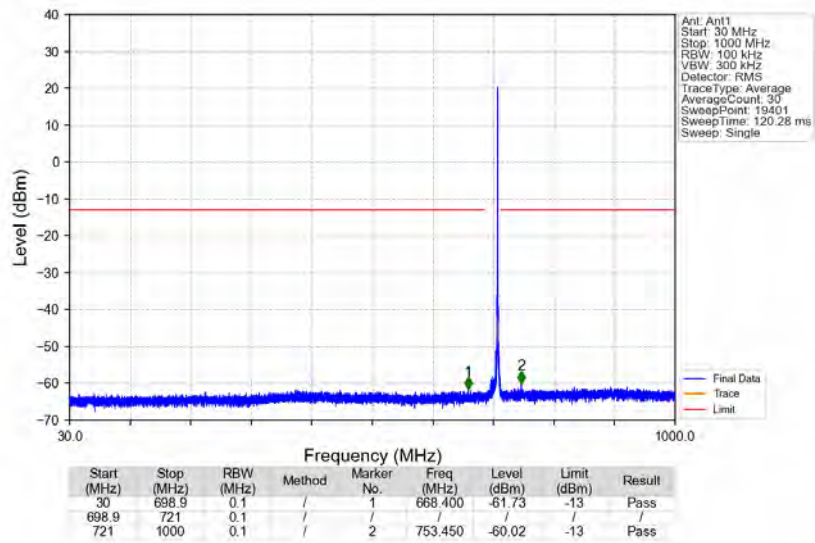
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_711MHz_Edge_1RB_Right



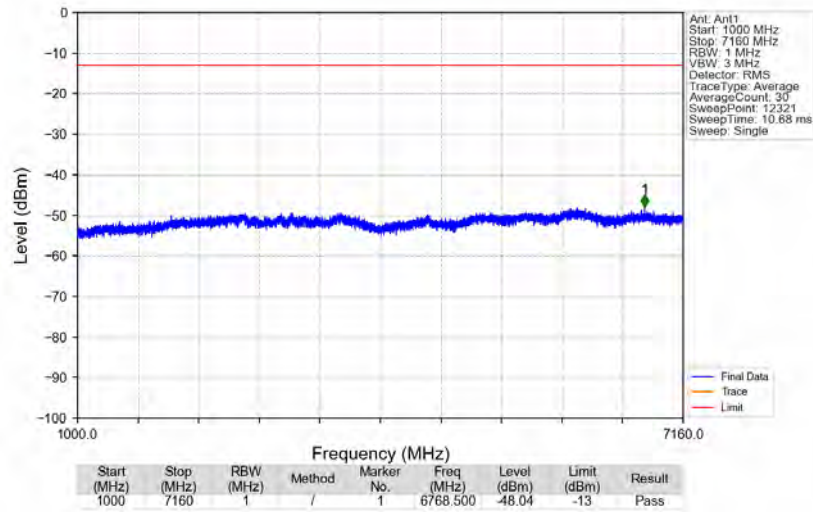
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_711MHz_Edge_1RB_Right



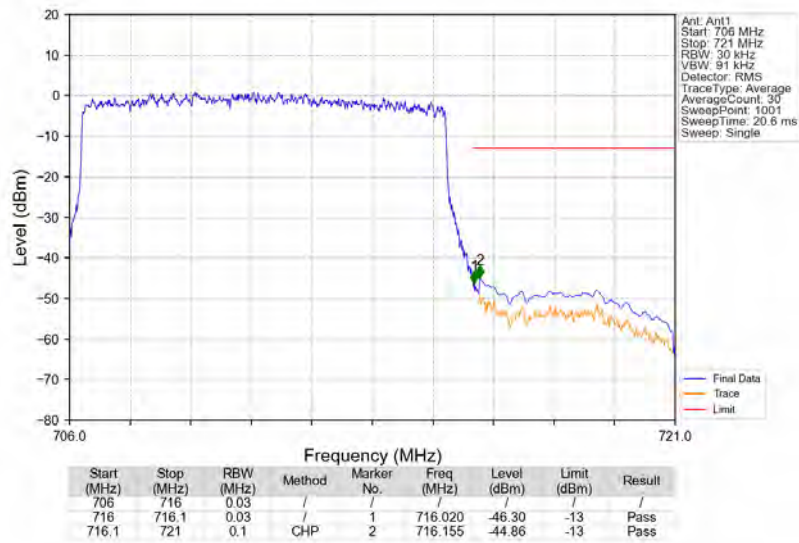
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_711MHz_Edge_1RB_Right



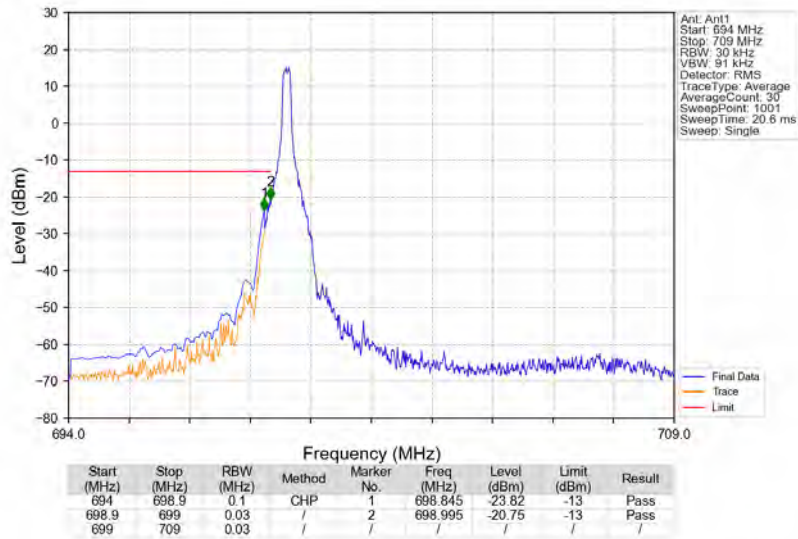
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_711MHz_Edge_1RB_Right



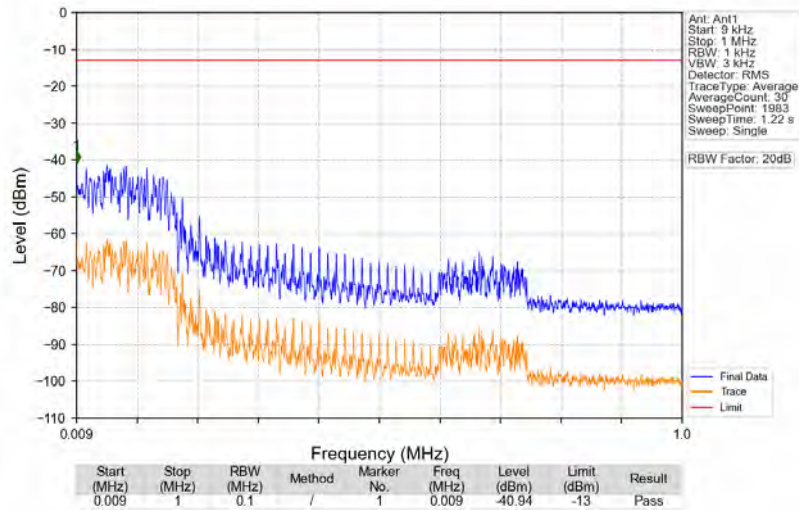
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM PI/2 BPSK_711MHz_Outer_Full



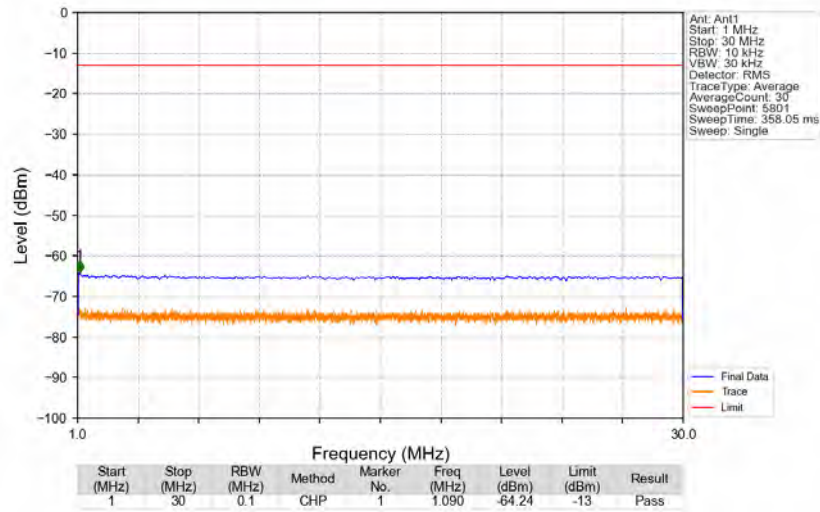
n12_15kHz_SISO_NTV_10MHz_DFT-s-OFDM QPSK_704MHz_Edge_1RB_Left



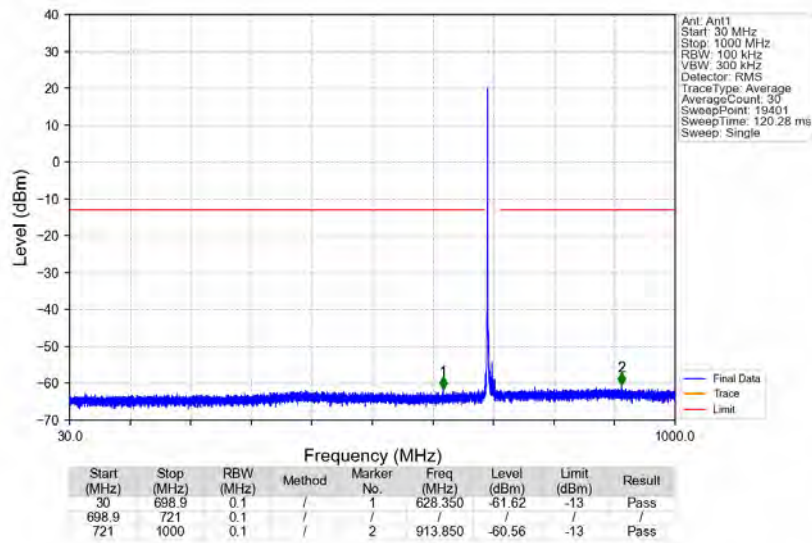
n12_15kHz_SISO_NTV_10MHz_DFT-s-OFDM QPSK_704MHz_Edge_1RB_Left



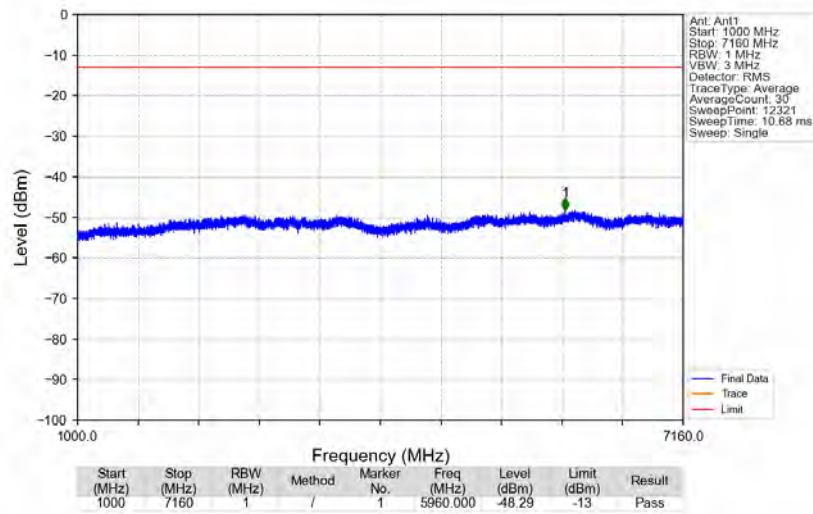
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_704MHz_Edge_1RB_Left



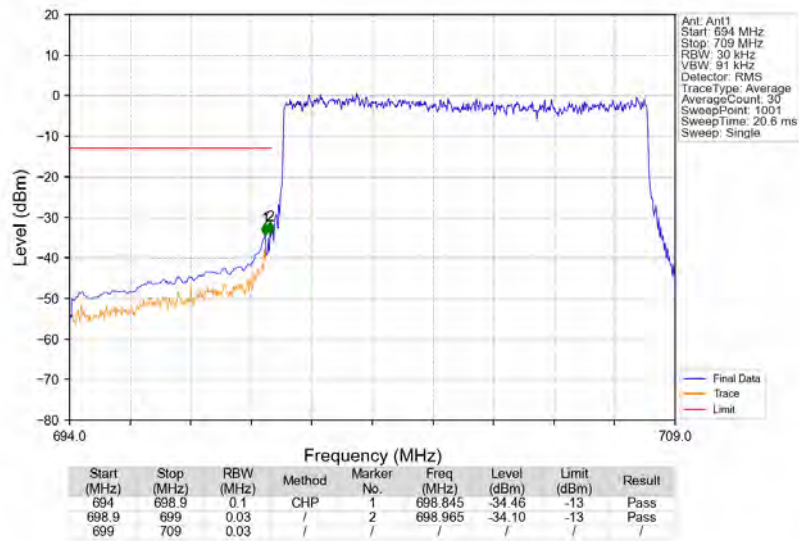
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_704MHz_Edge_1RB_Left



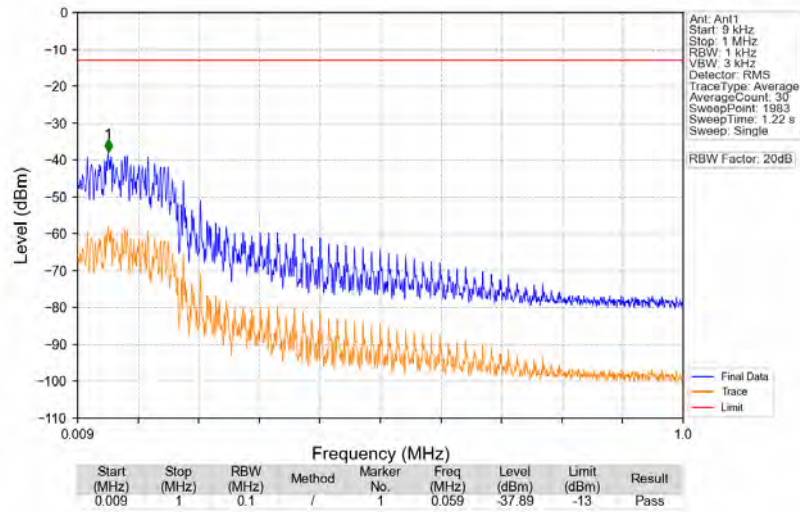
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_704MHz_Edge_1RB_Left



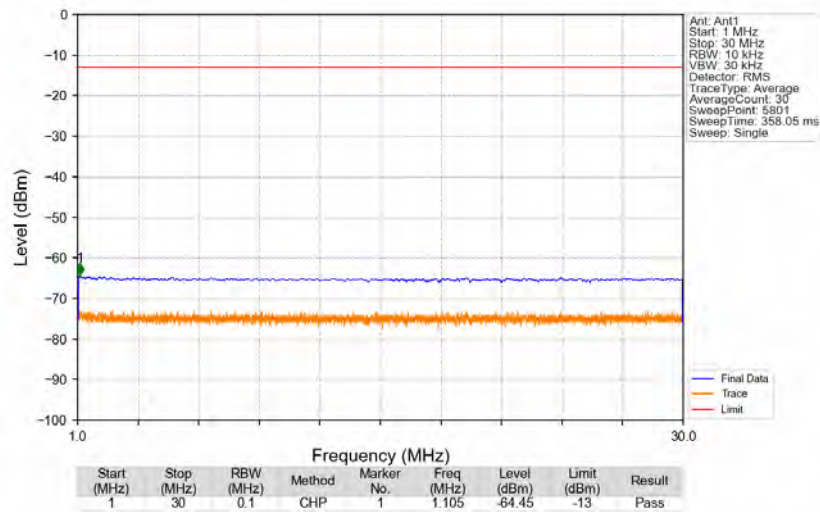
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_704MHz_Outer_Full



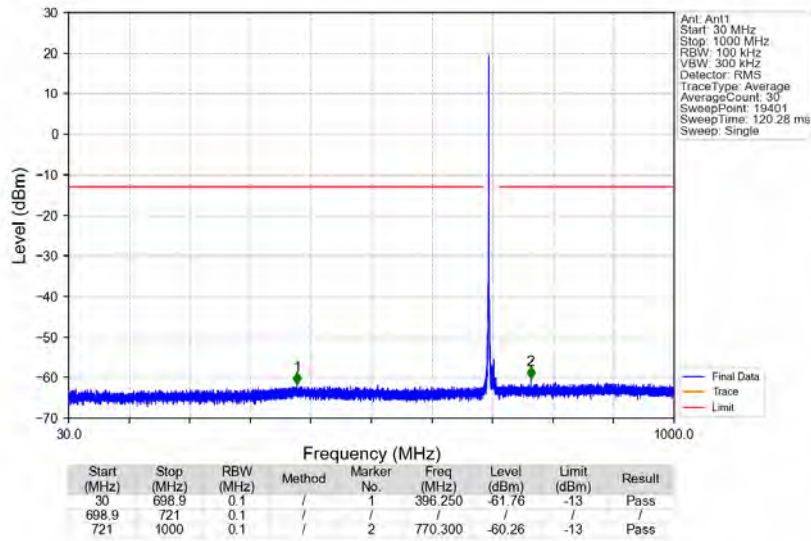
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_707.5MHz_Edge_1RB_Left



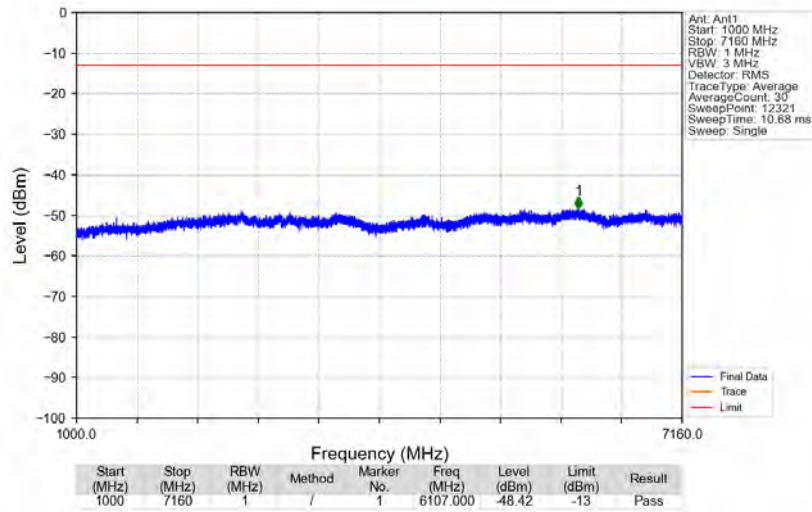
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_707.5MHz_Edge_1RB_Left



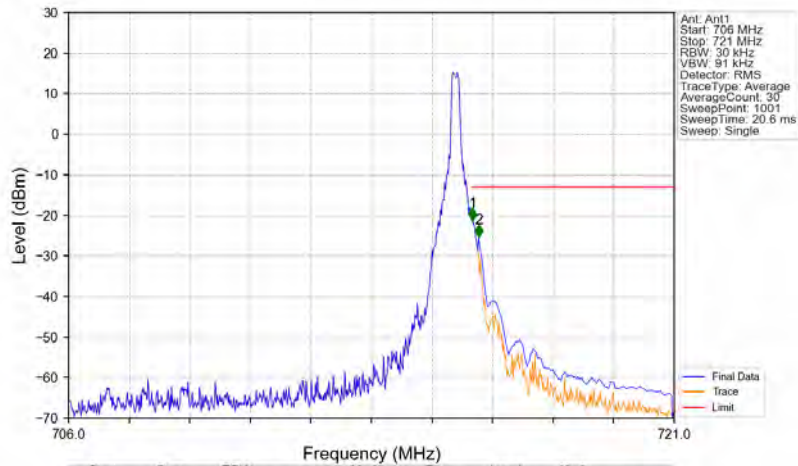
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_707.5MHz_Edge_1RB_Left



n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_707.5MHz_Edge_1RB_Left

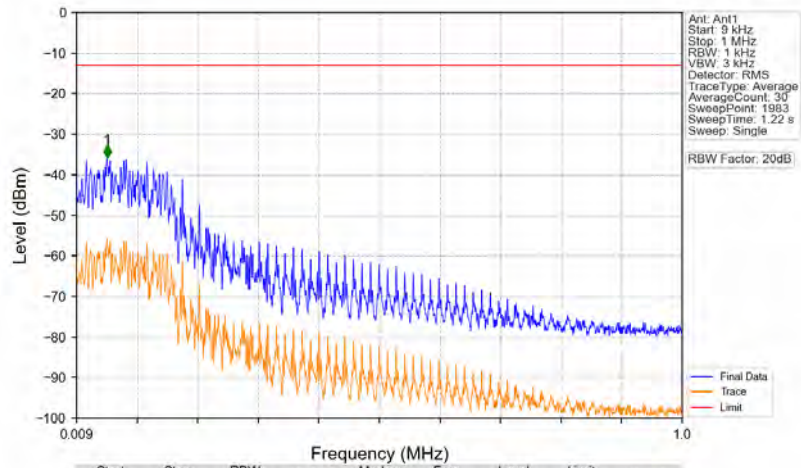


n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_711MHz_Edge_1RB_Right



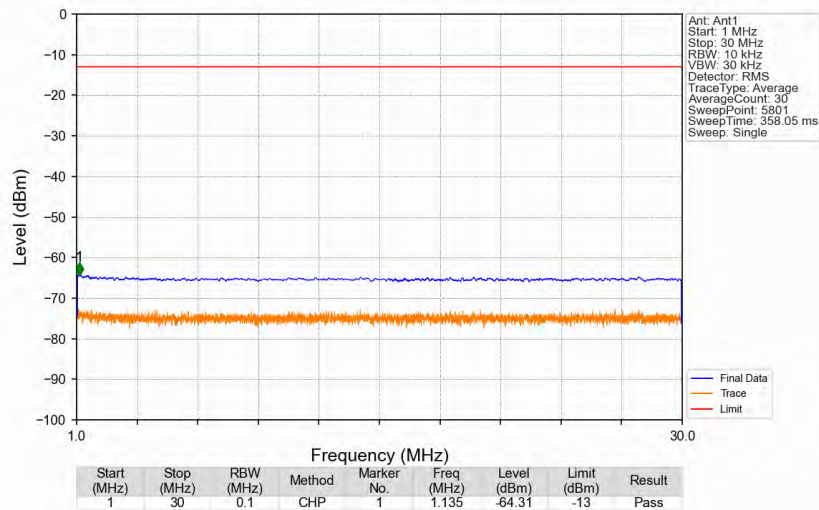
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.005	-21.27	-13	Pass
716.1	721	0.1	CHP	2	716.155	-25.39	-13	Pass

n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_711MHz_Edge_1RB_Right

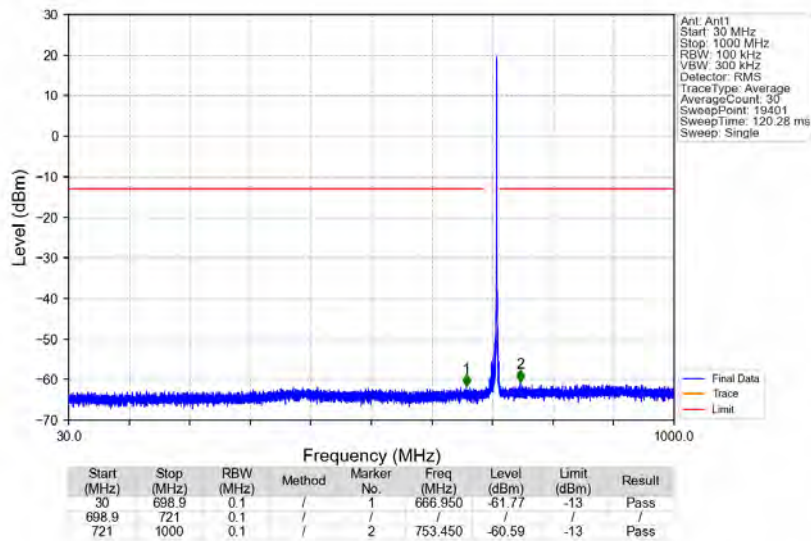


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-35.77	-13	Pass

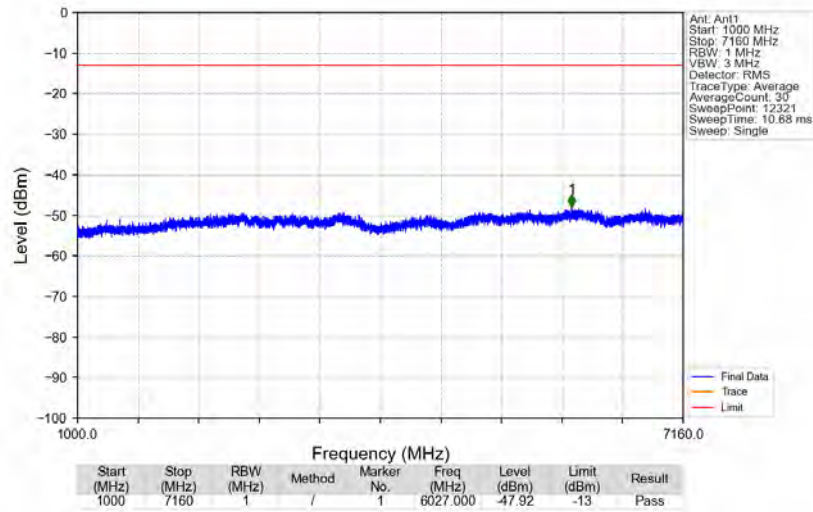
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_711MHz_Edge_1RB_Right



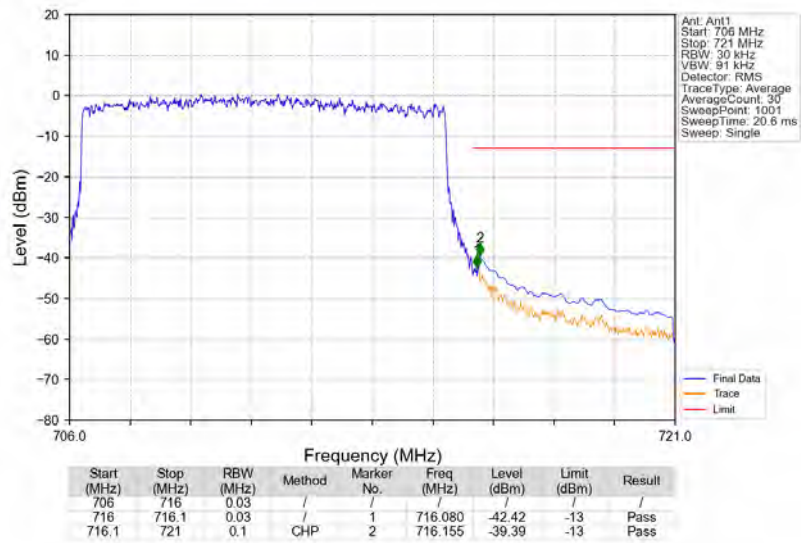
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_711MHz_Edge_1RB_Right



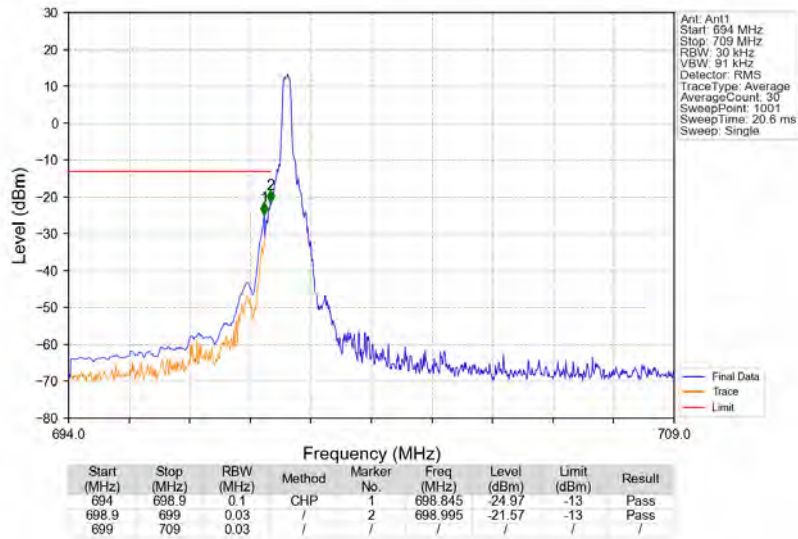
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_711MHz_Edge_1RB_Right



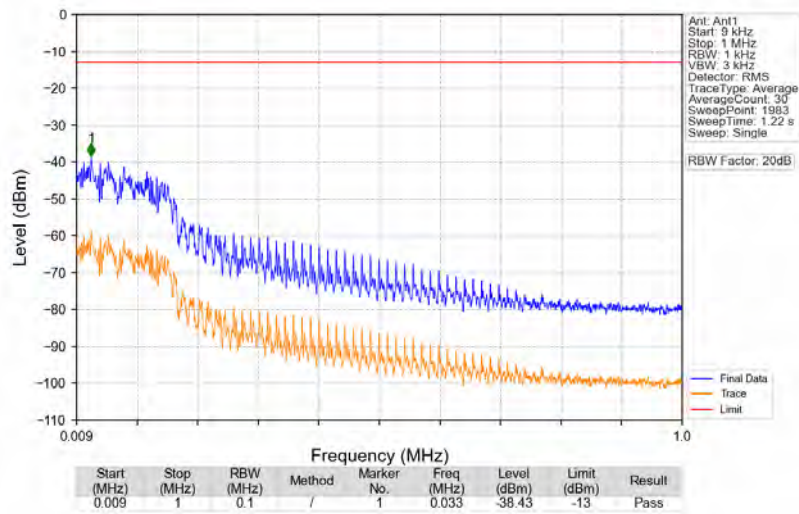
n12_15kHz_SISO_NTNV_10MHz_DFT-s-OFDM QPSK_711MHz_Outer_Full



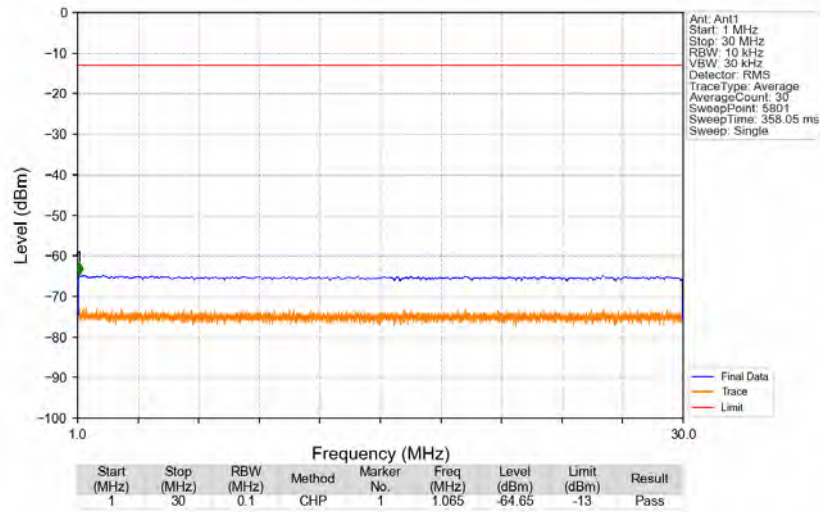
n12_15kHz_SISO_NTV_10MHz_CP-OFDM QPSK_704MHz_Edge_1RB_Left



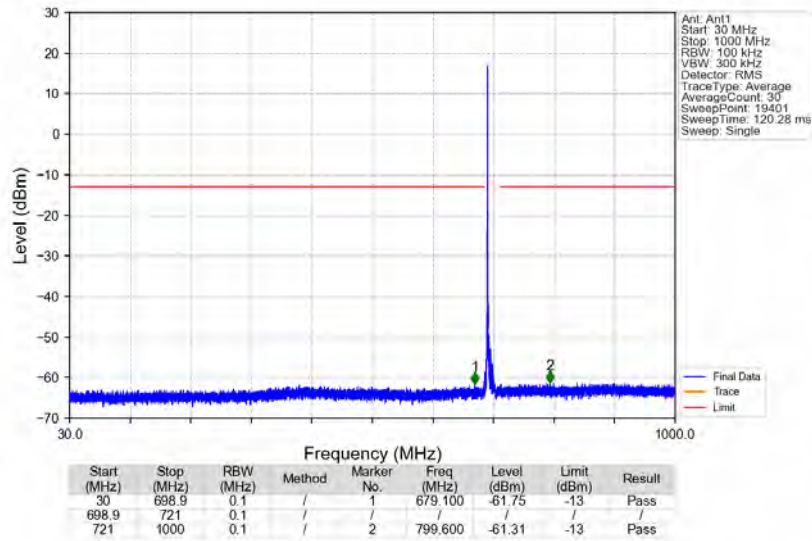
n12_15kHz_SISO_NTV_10MHz_CP-OFDM QPSK_704MHz_Edge_1RB_Left



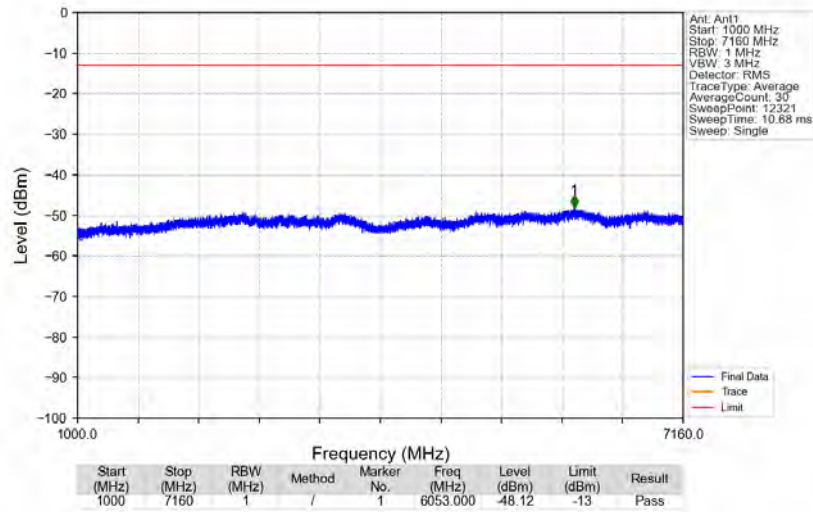
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_704MHz_Edge_1RB_Left



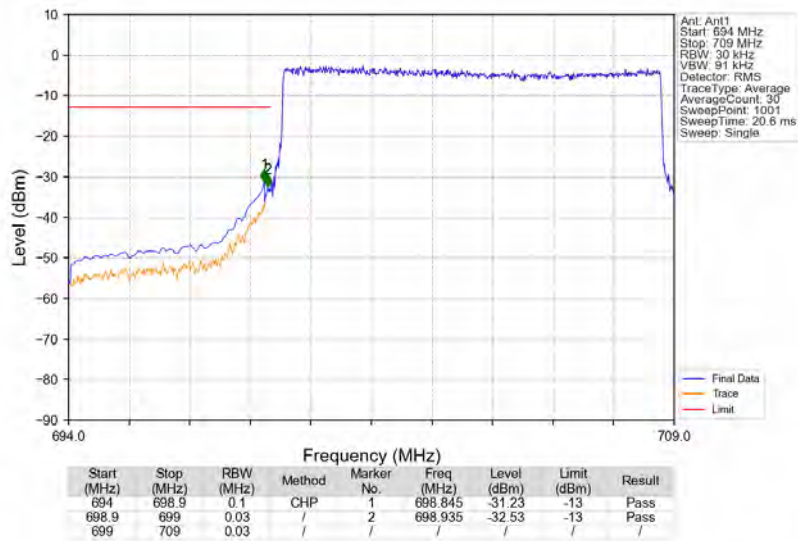
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_704MHz_Edge_1RB_Left



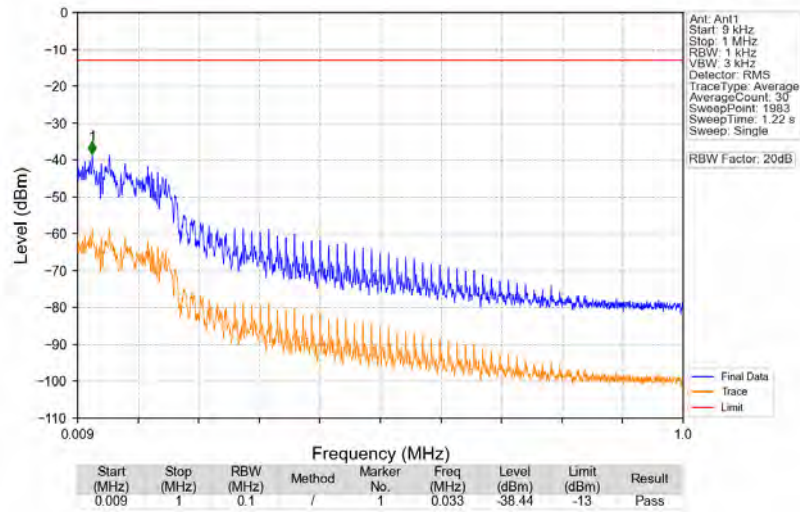
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_704MHz_Edge_1RB_Left



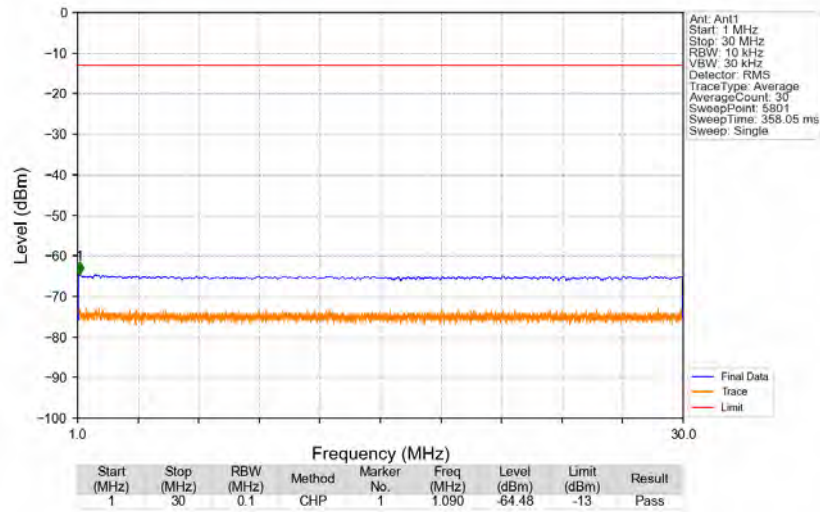
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_704MHz_Outer_Full



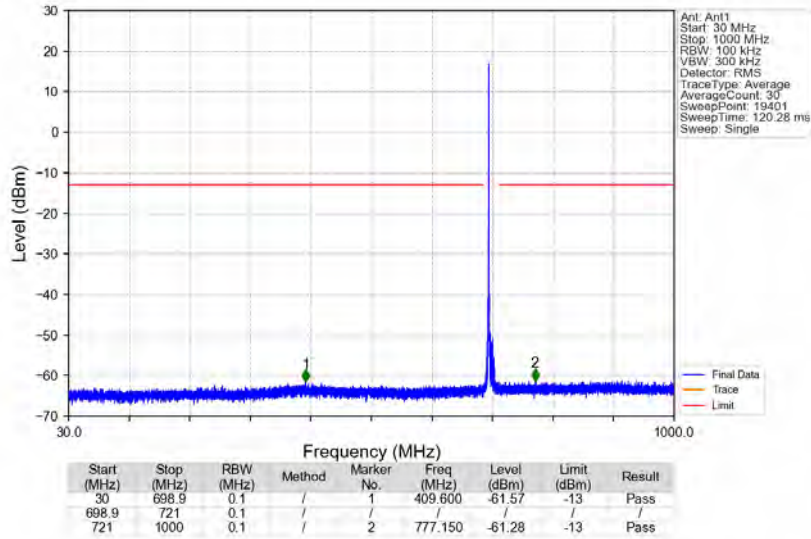
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_707.5MHz_Edge_1RB_Left



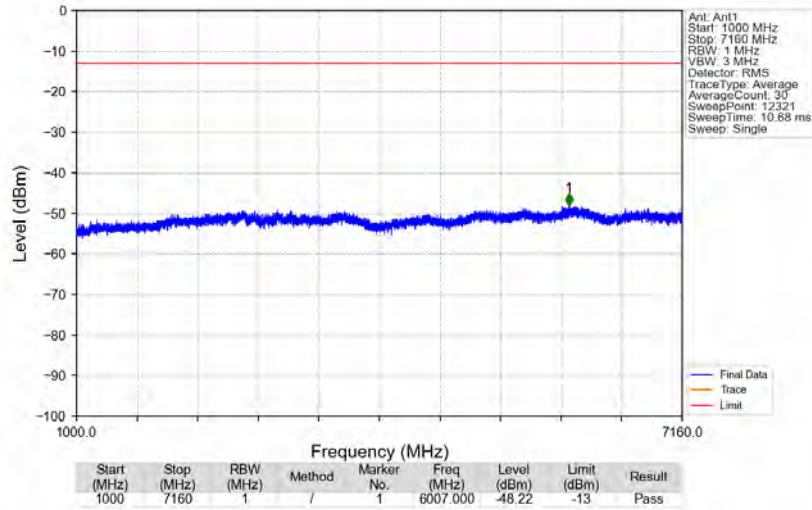
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_707.5MHz_Edge_1RB_Left



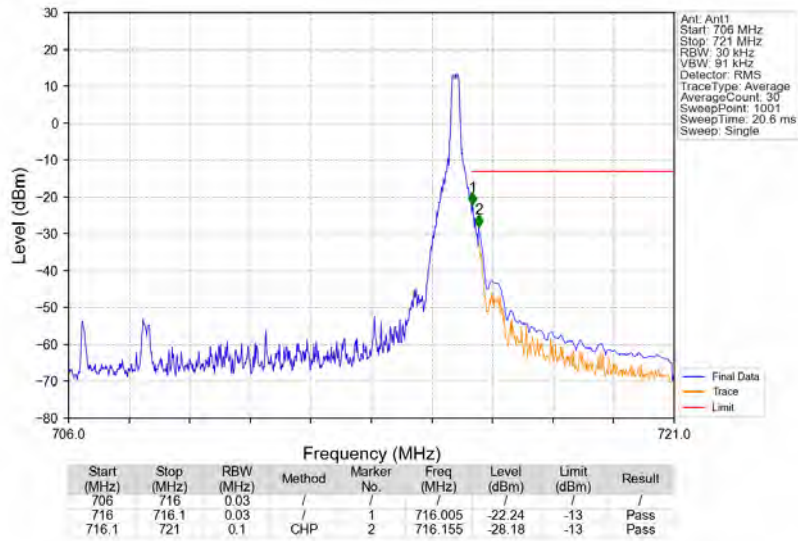
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_707.5MHz_Edge_1RB_Left



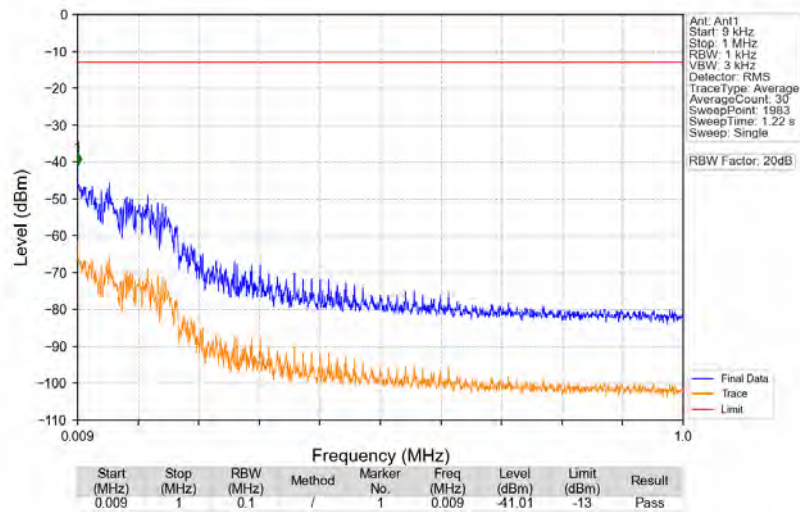
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_707.5MHz_Edge_1RB_Left



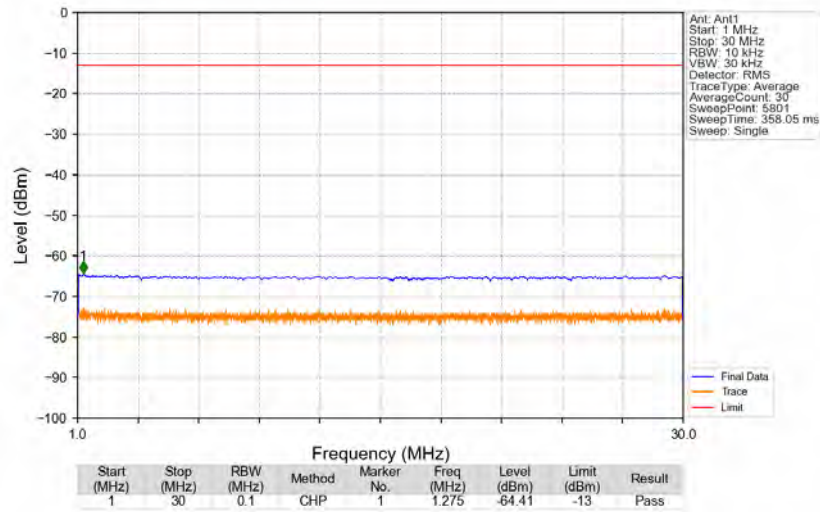
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_711MHz_Edge_1RB_Right



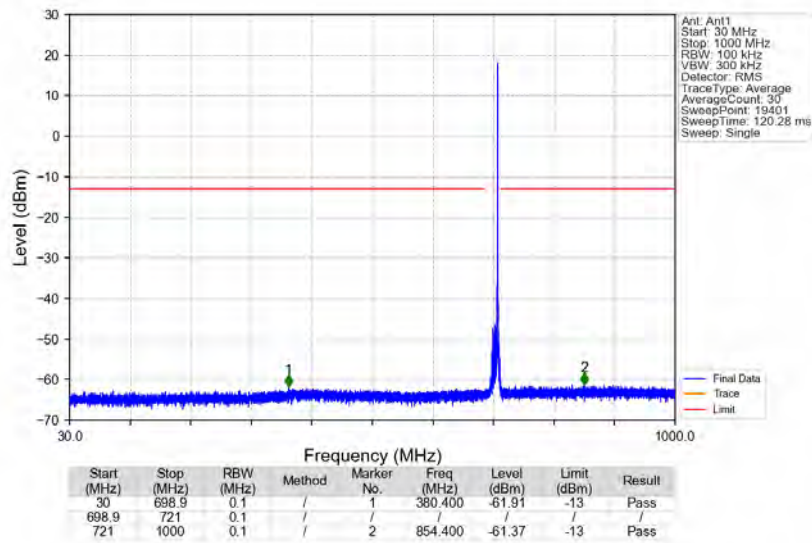
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_711MHz_Edge_1RB_Right



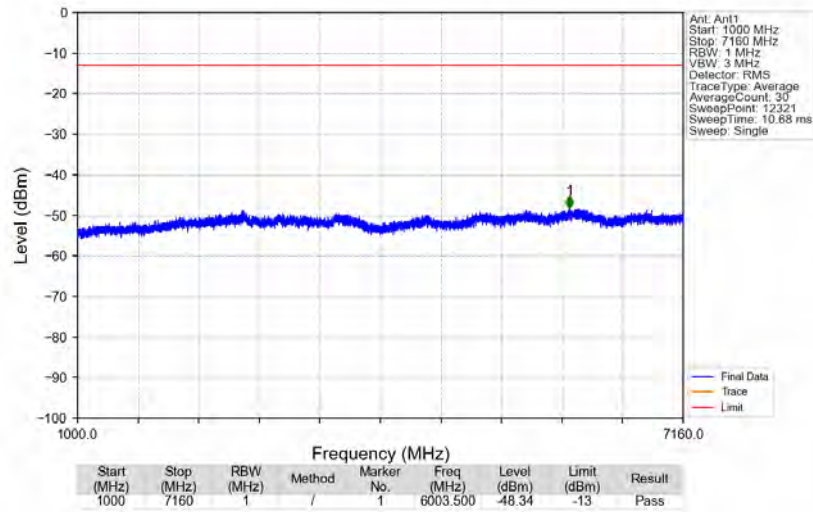
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_711MHz_Edge_1RB_Right



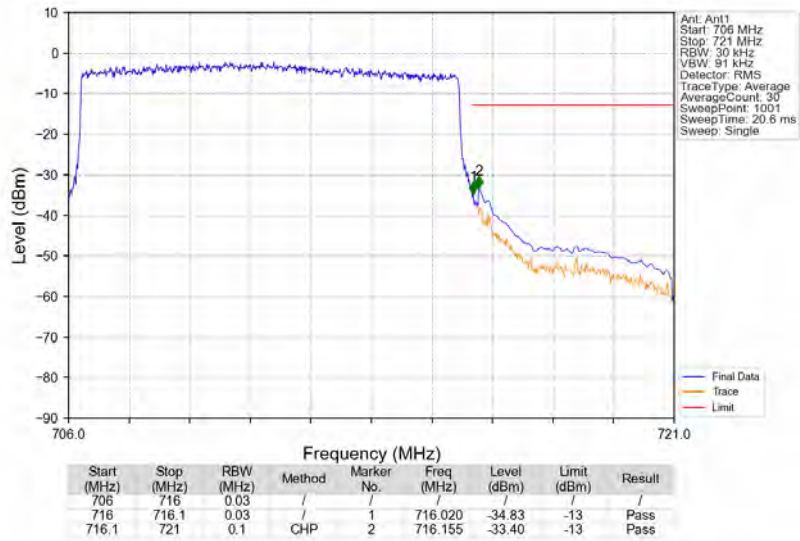
n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_711MHz_Edge_1RB_Right



n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_711MHz_Edge_1RB_Right

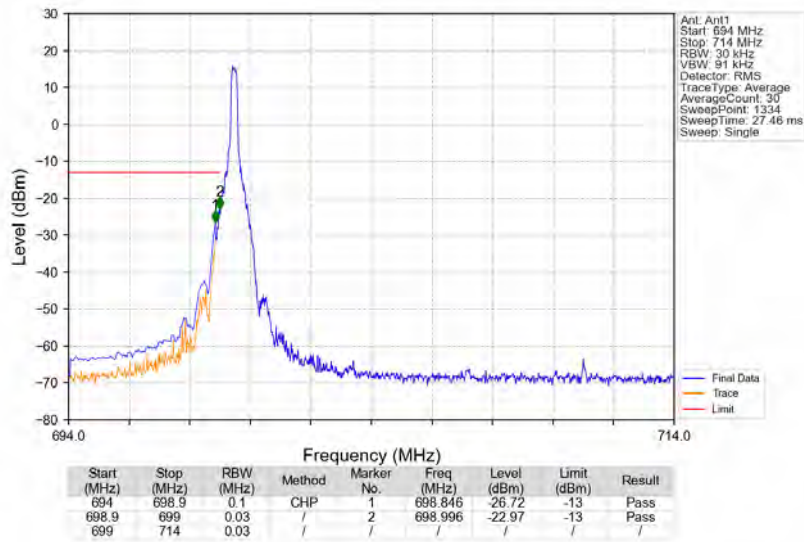


n12_15kHz_SISO_NTNV_10MHz_CP-OFDM QPSK_711MHz_Outer_Full

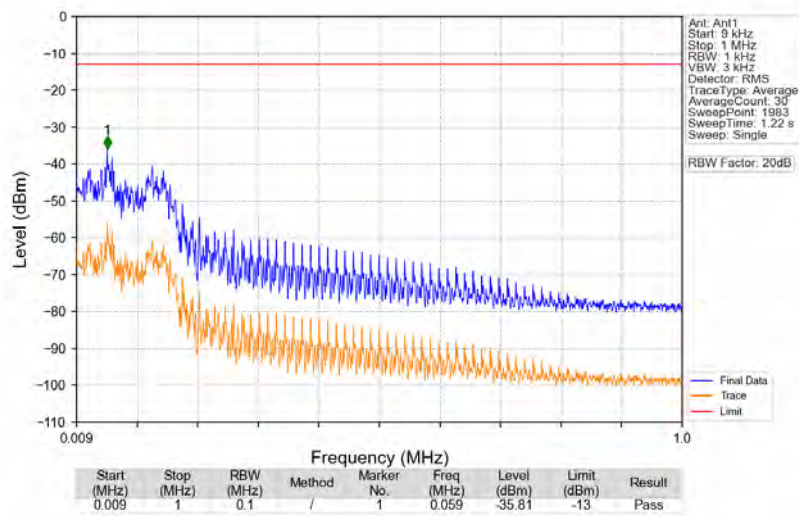


5.2.3 15k_SISO_15MHz_NTNV

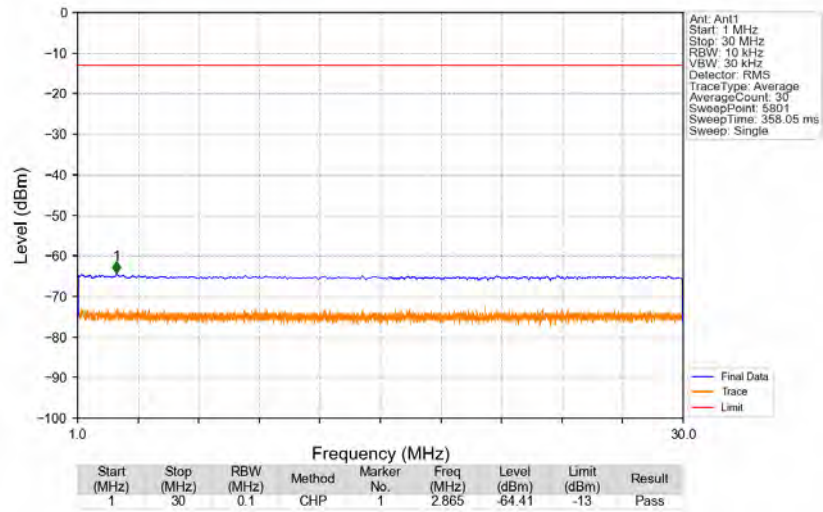
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Edge_1RB_Left



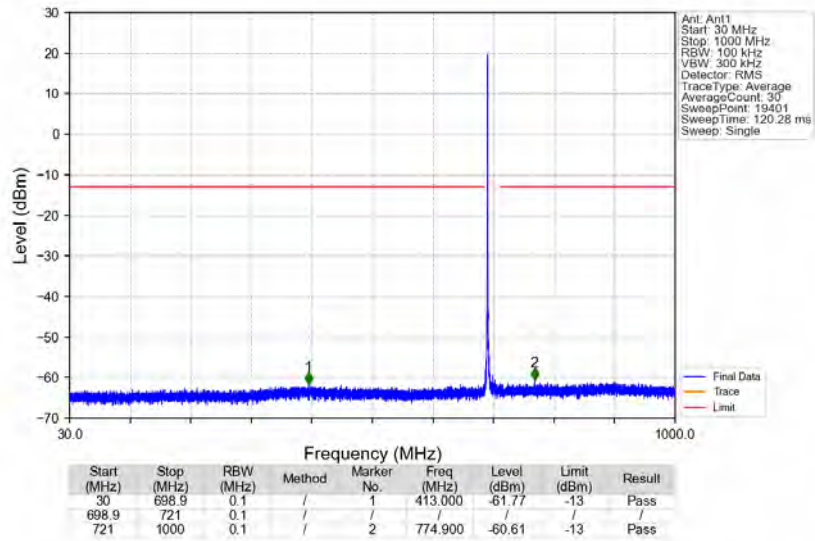
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Edge_1RB_Left



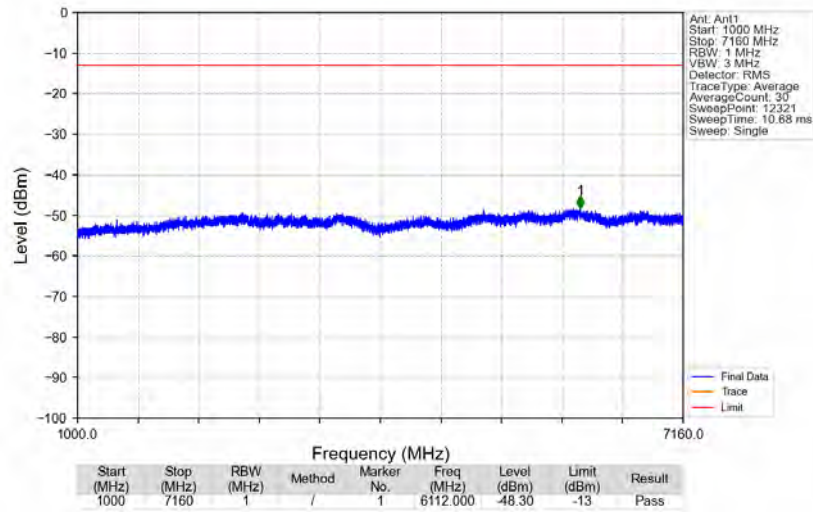
n12_15kHz_SISO_NTV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Edge_1RB_Left



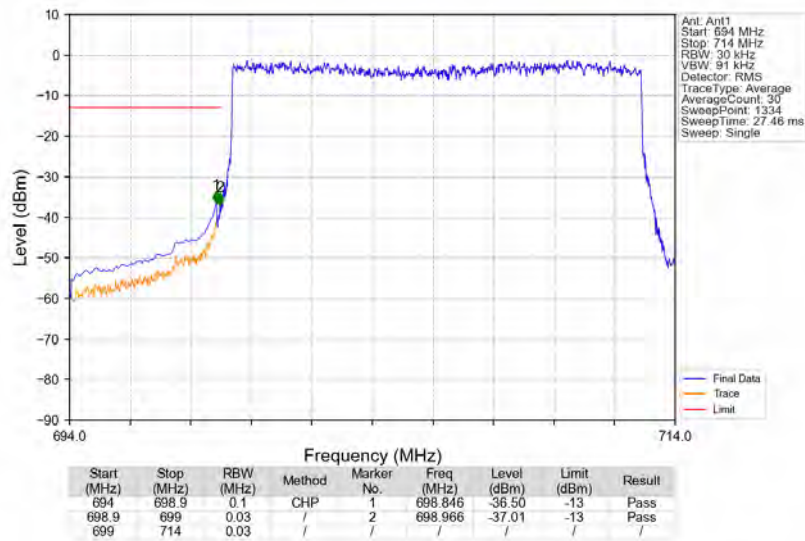
n12_15kHz_SISO_NTV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Edge_1RB_Left



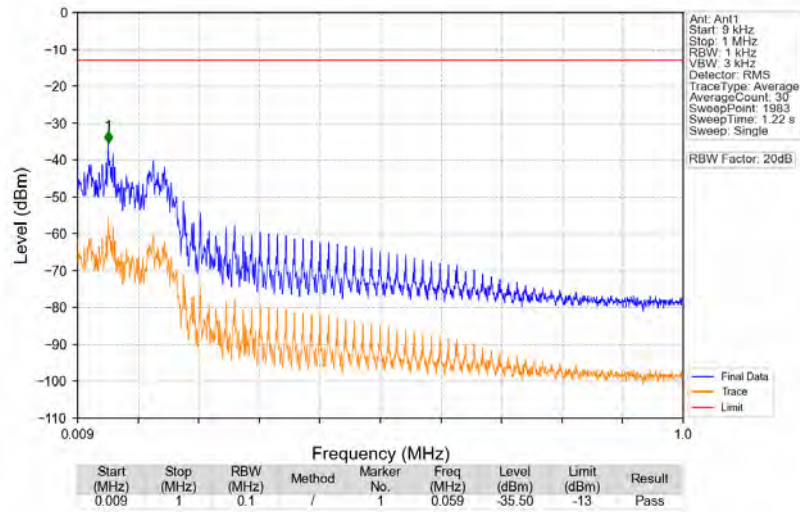
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Edge_1RB_Left



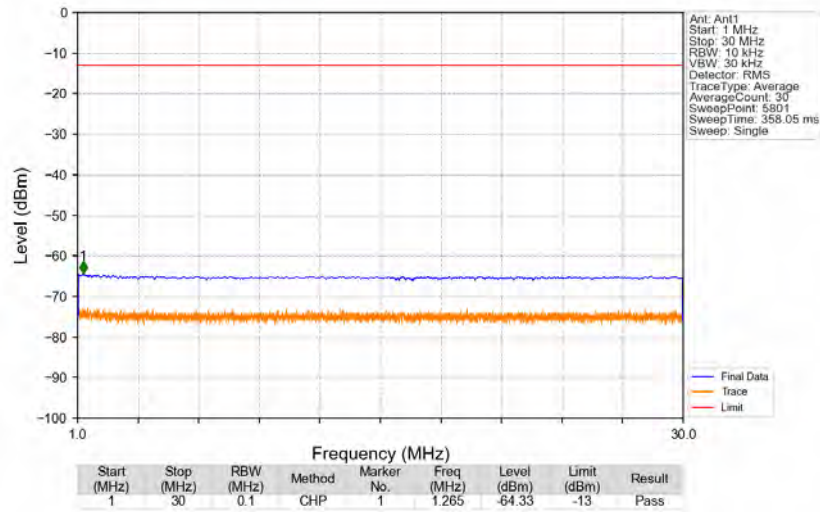
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_706.5MHz_Outer_Full



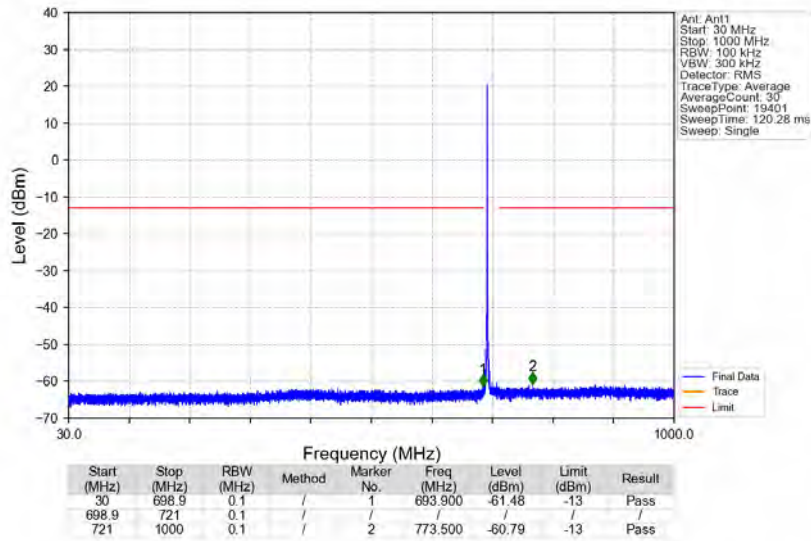
n12_15kHz_SISO_NTV_15MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Edge_1RB_Left



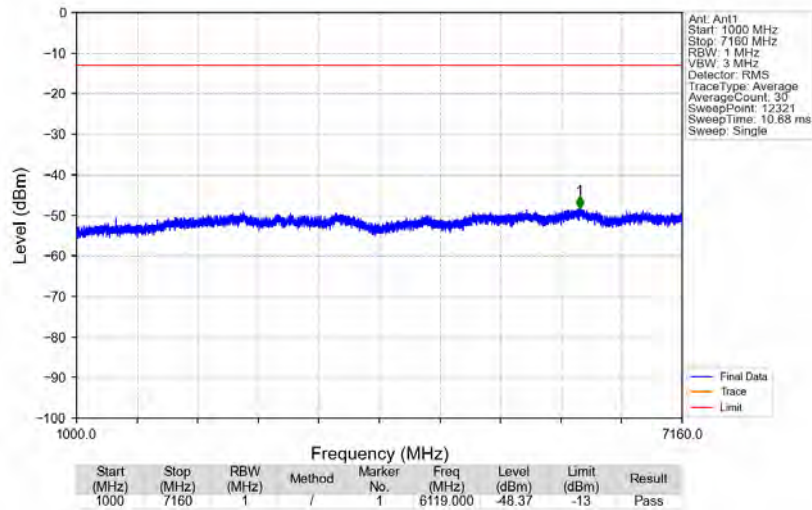
n12_15kHz_SISO_NTV_15MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Edge_1RB_Left



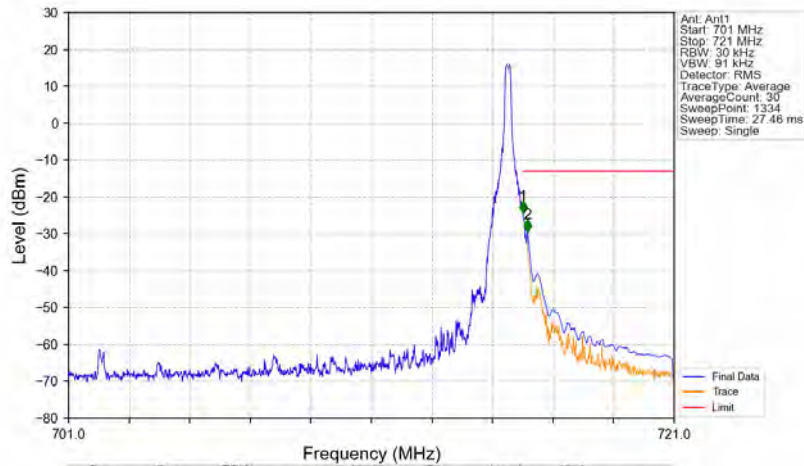
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Edge_1RB_Left



n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_707.5MHz_Edge_1RB_Left

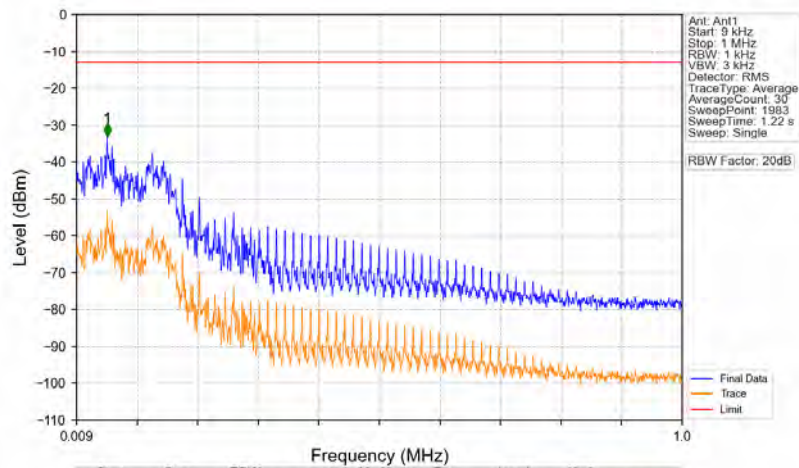


n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_708.5MHz_Edge_1RB_Right



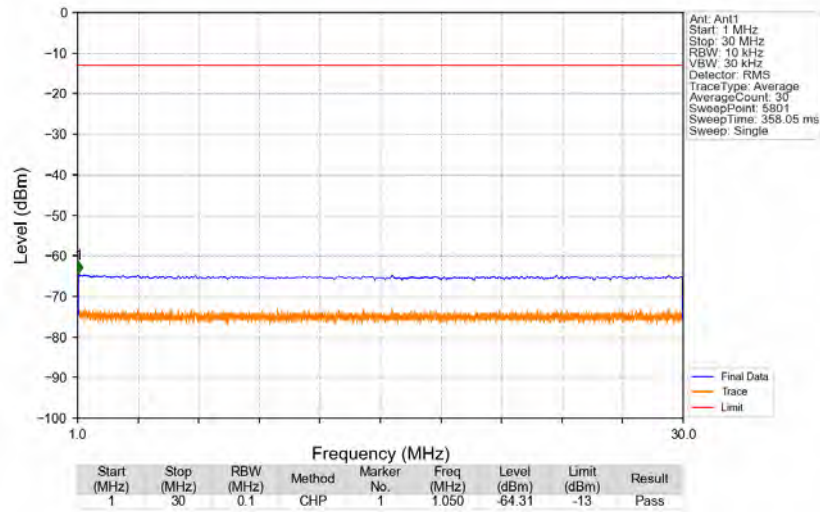
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
701	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.004	-24.46	-13	Pass
716.1	721	0.1	CHP	2	716.154	-29.51	-13	Pass

n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_708.5MHz_Edge_1RB_Right

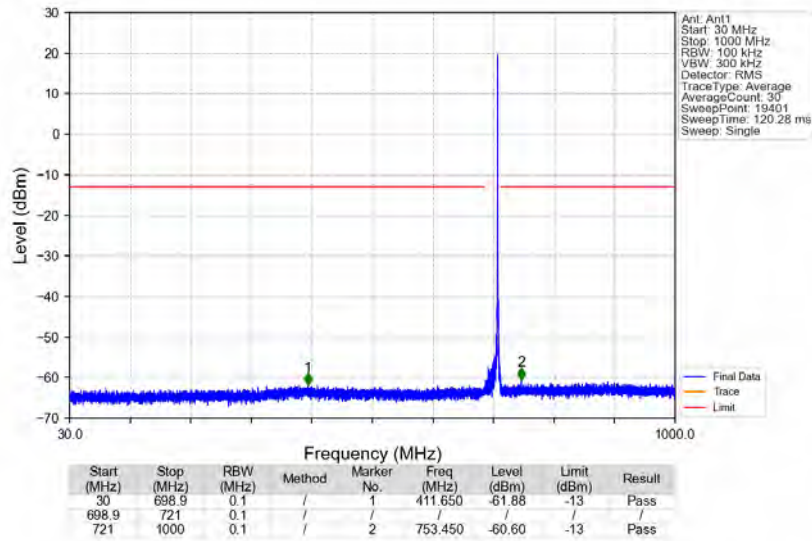


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	1	0.1	/	1	0.059	-33.03	-13	Pass

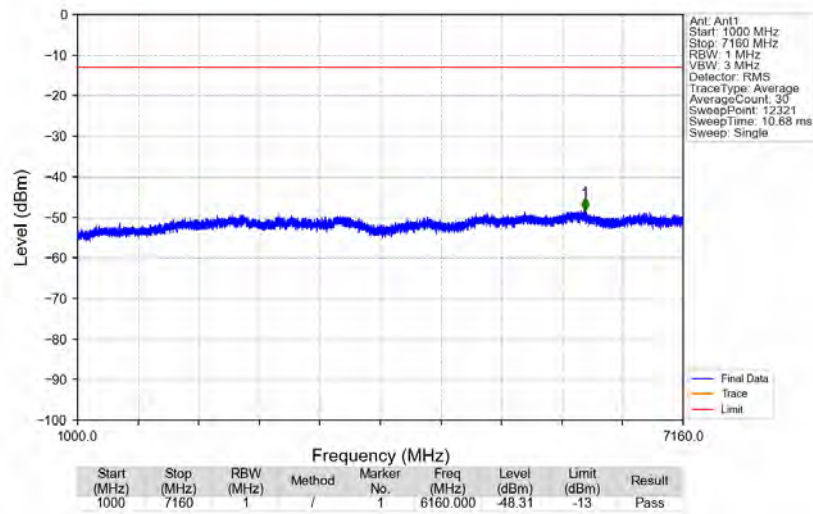
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_708.5MHz_Edge_1RB_Right



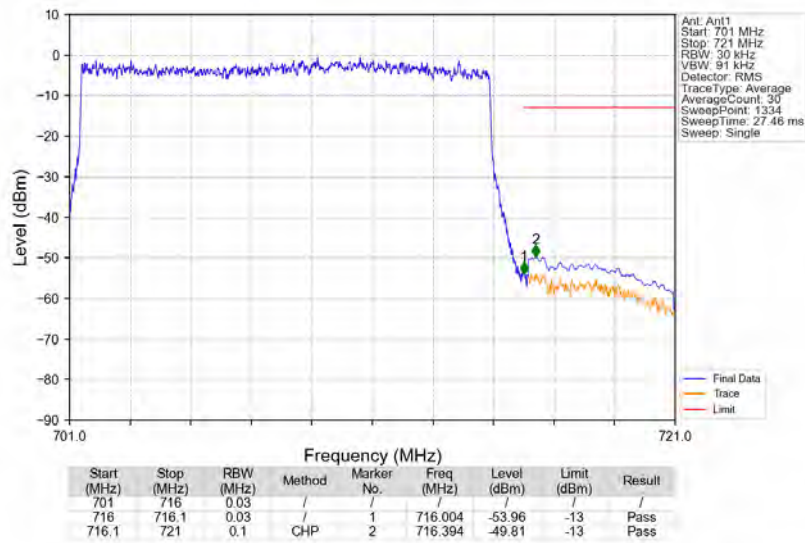
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_708.5MHz_Edge_1RB_Right



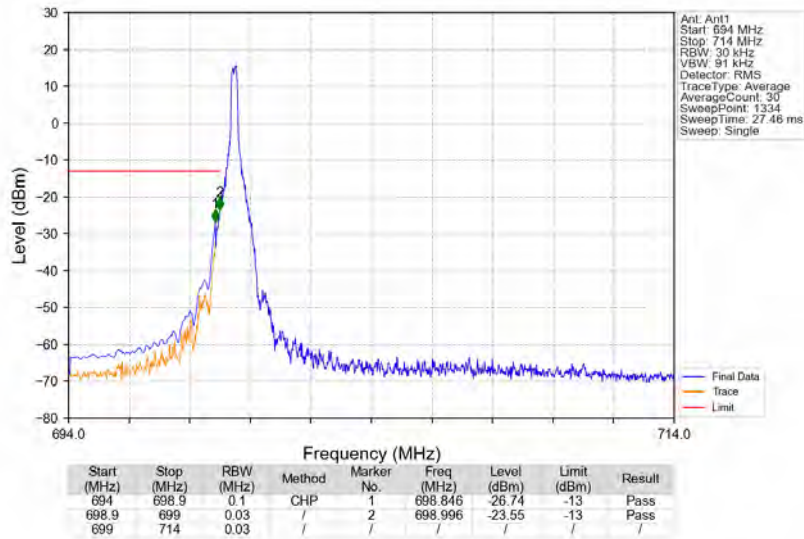
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_708.5MHz_Edge_1RB_Right



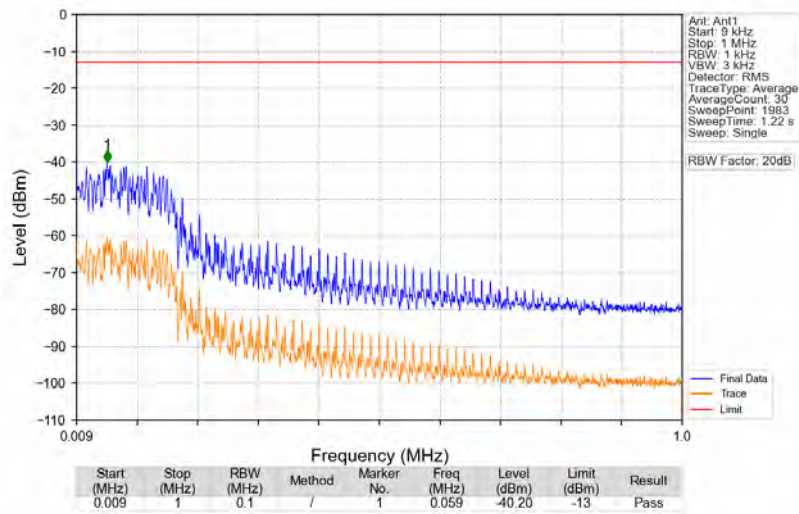
n12_15kHz_SISO_NTNV_15MHz_DFT-s-OFDM PI/2 BPSK_708.5MHz_Outer_Full



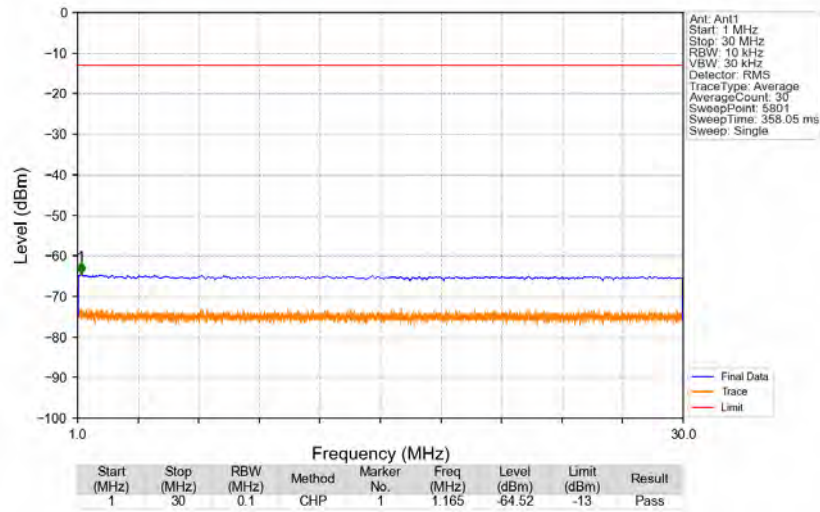
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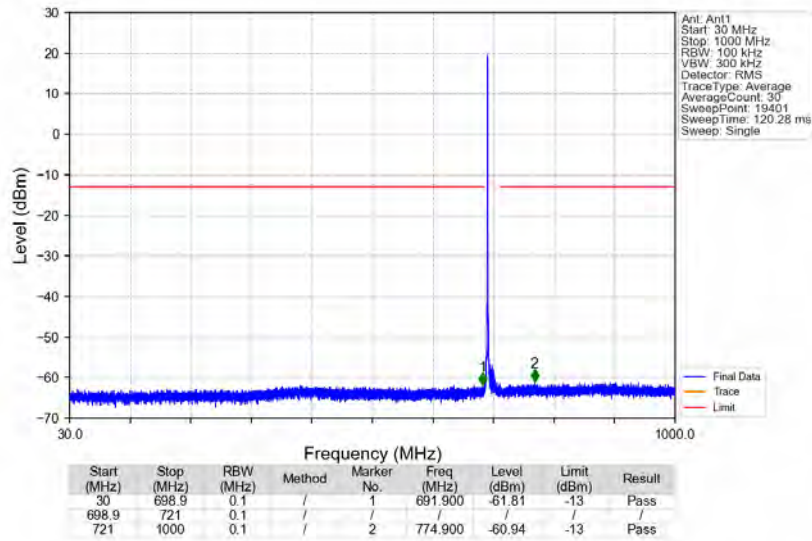
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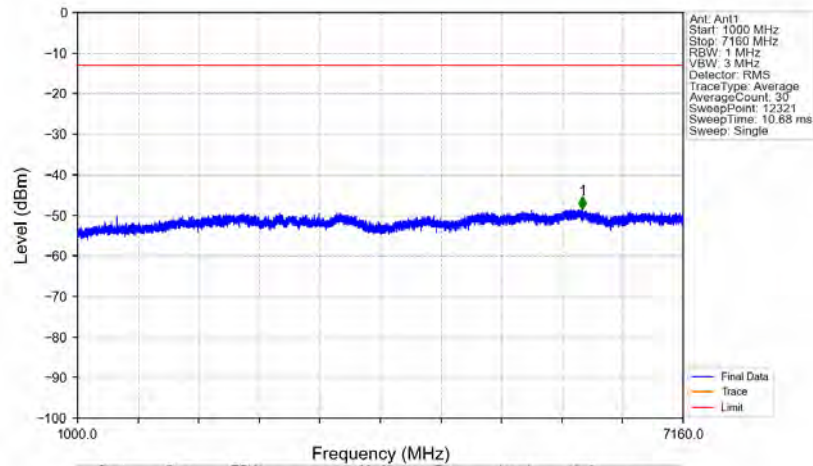
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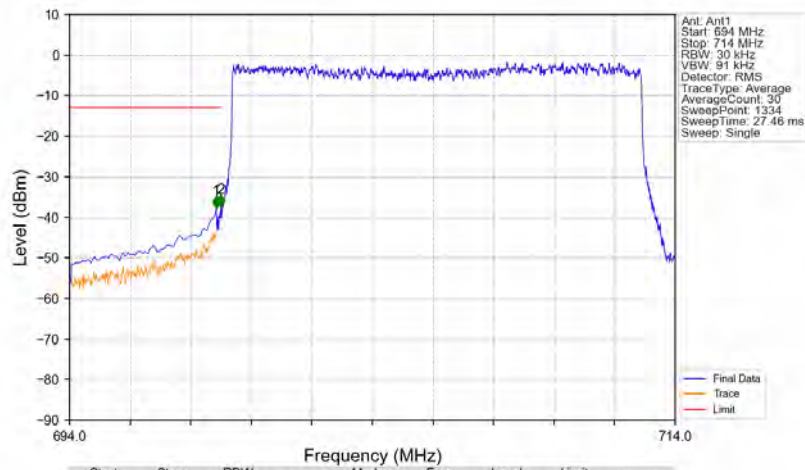
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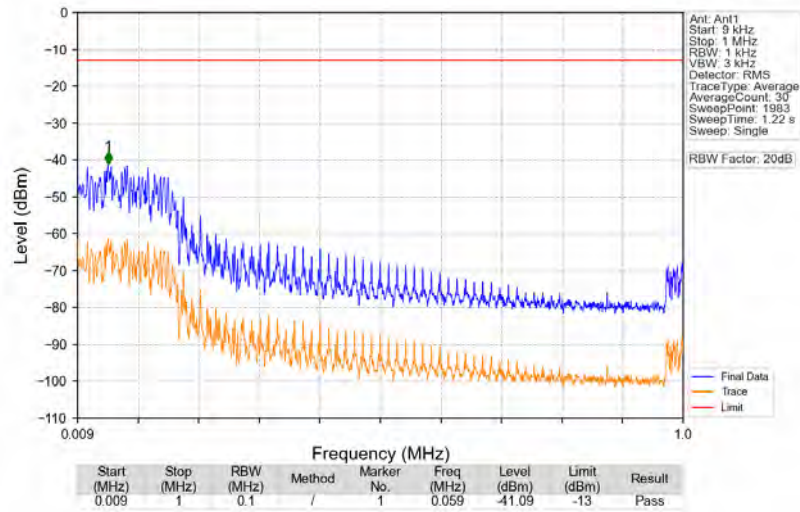
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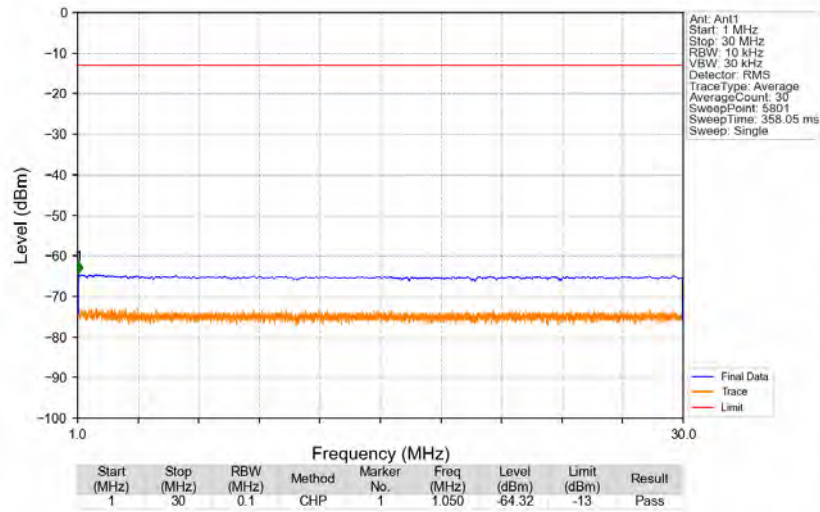
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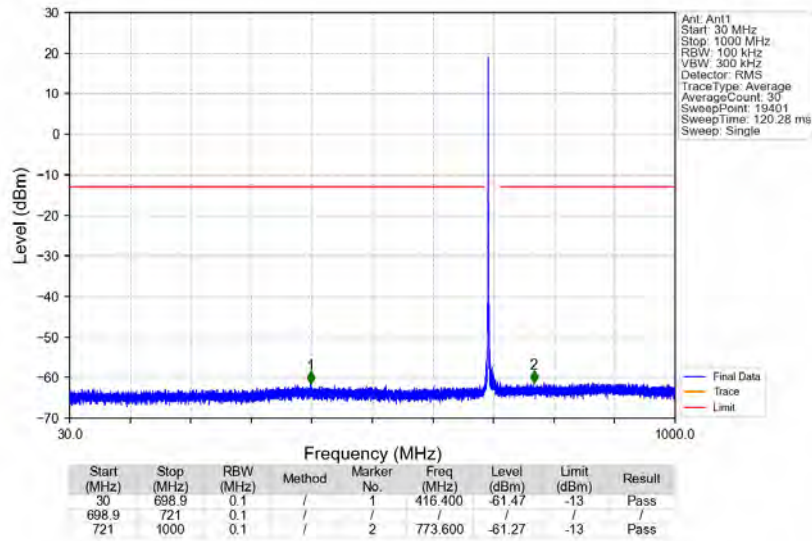
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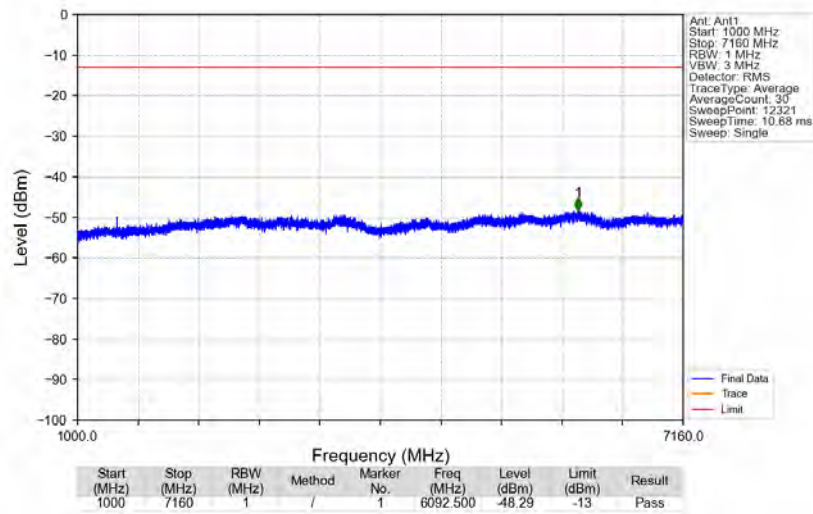
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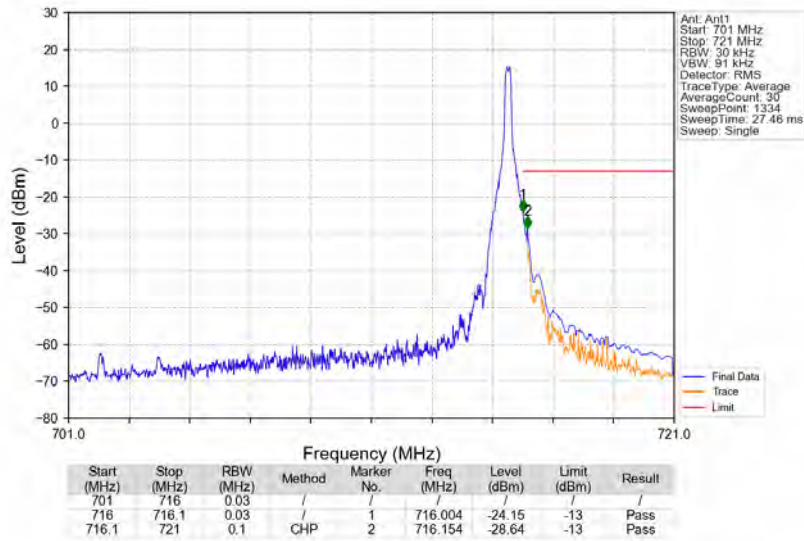
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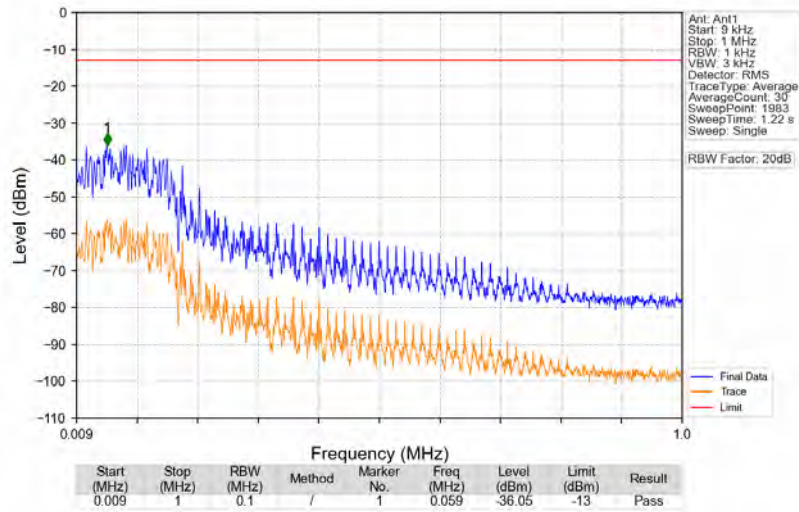
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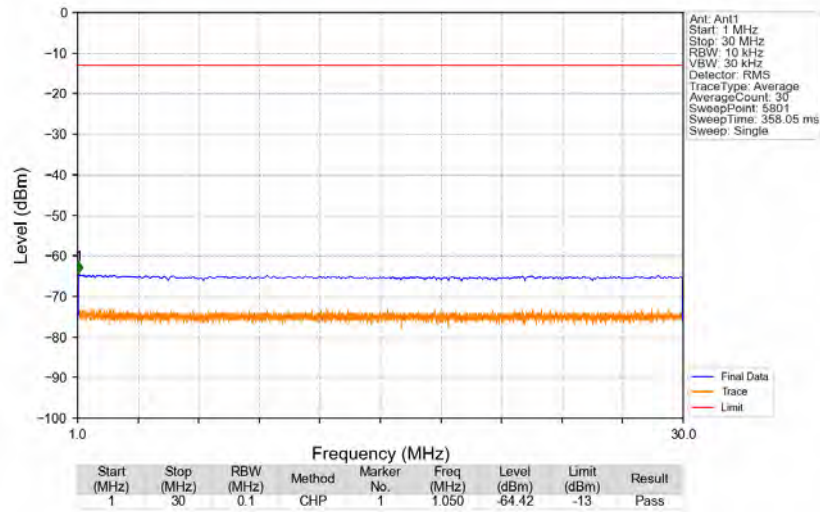
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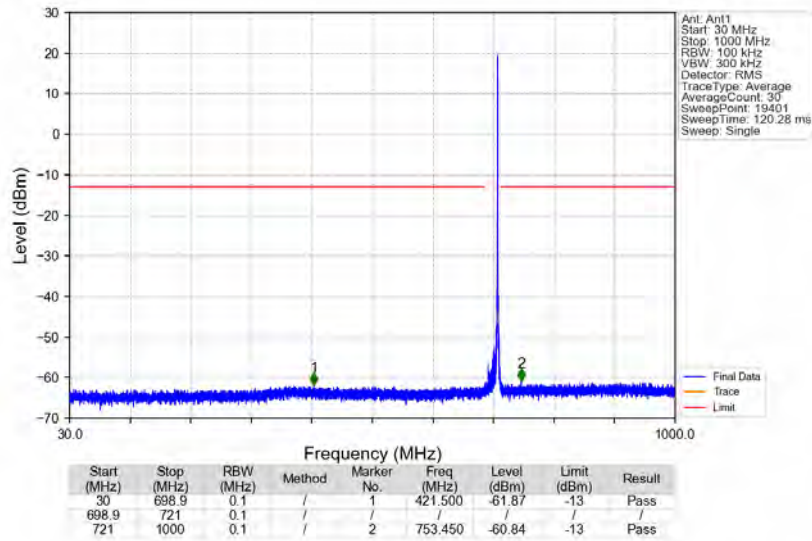
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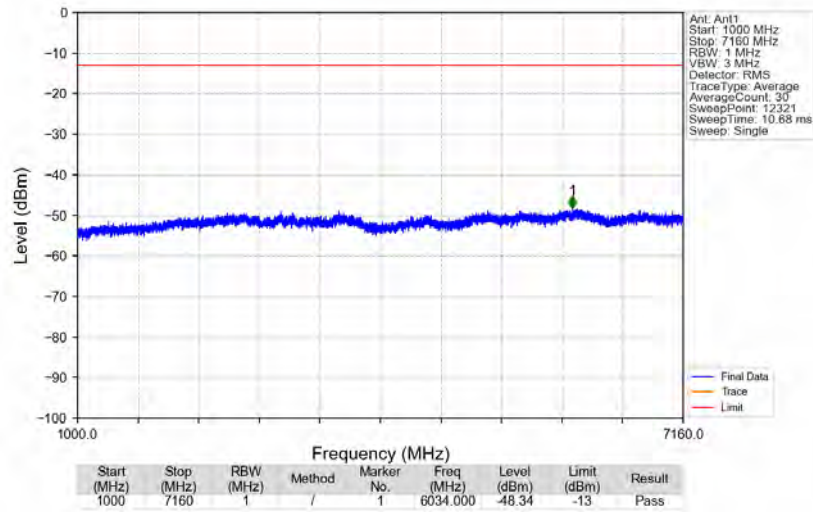
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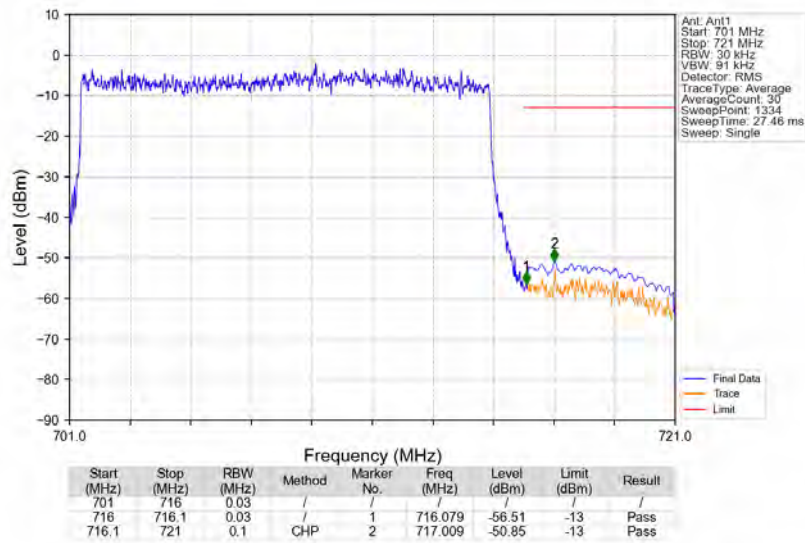
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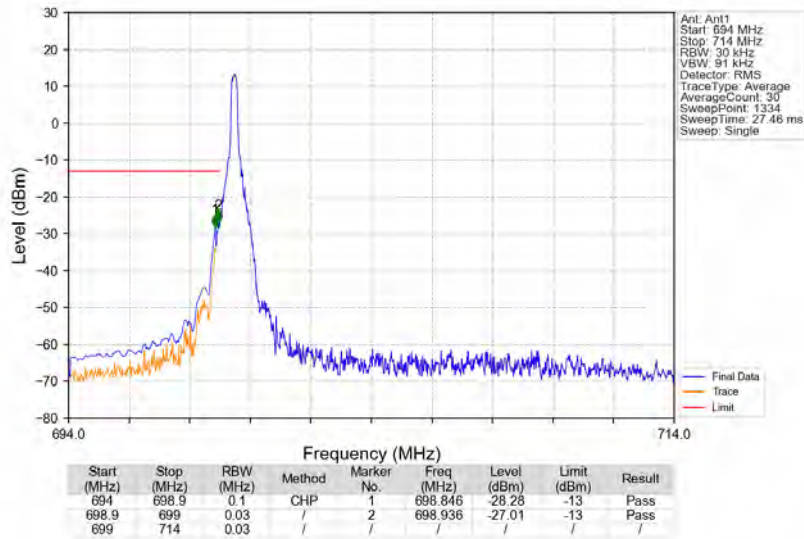
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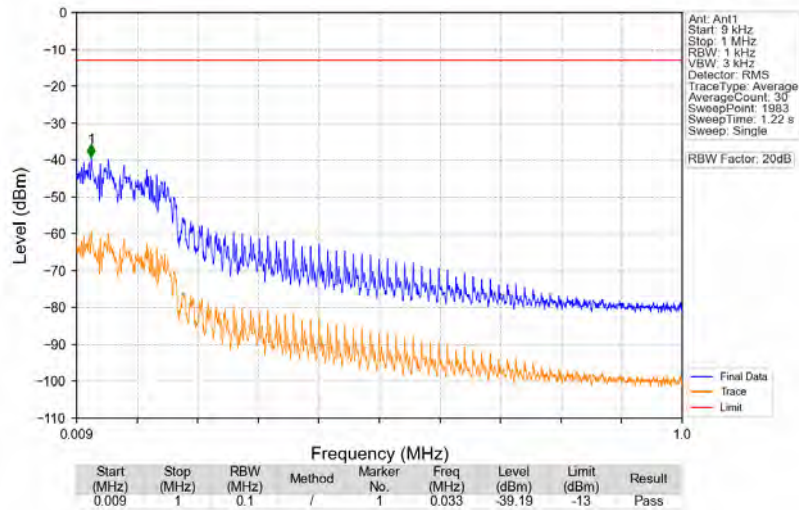
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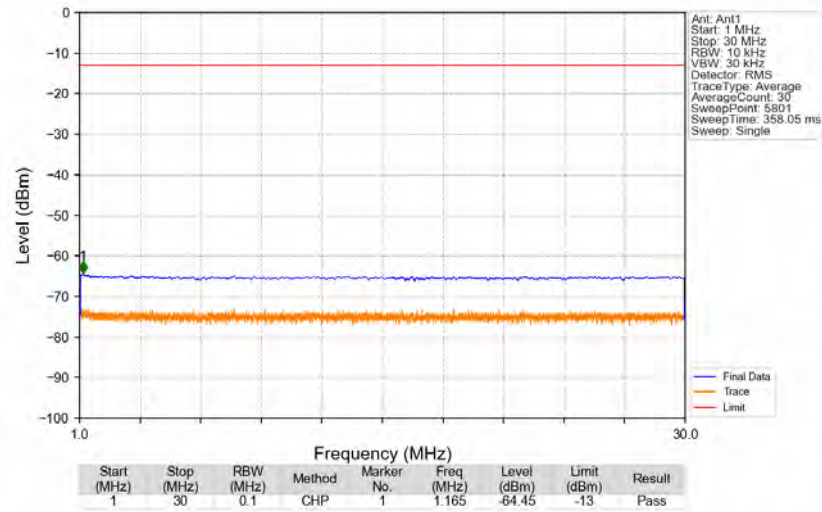
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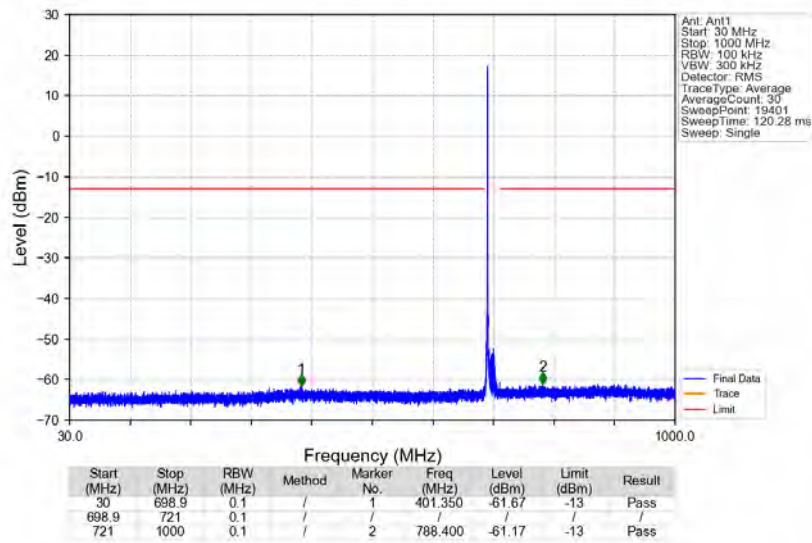
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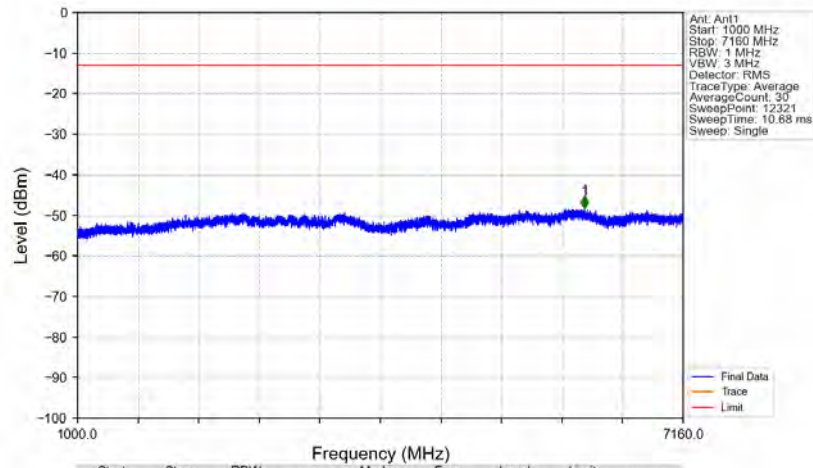
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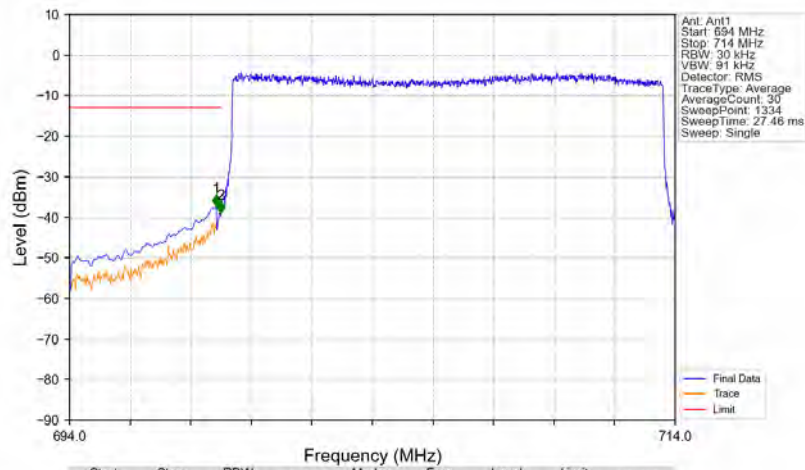
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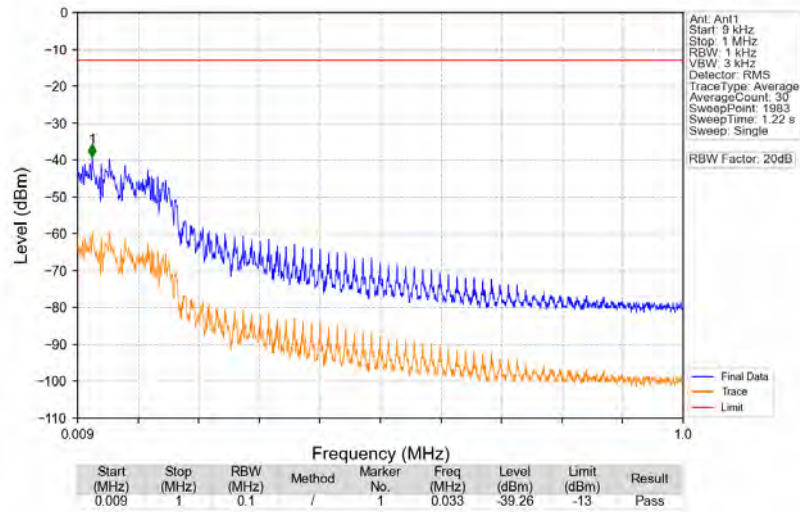
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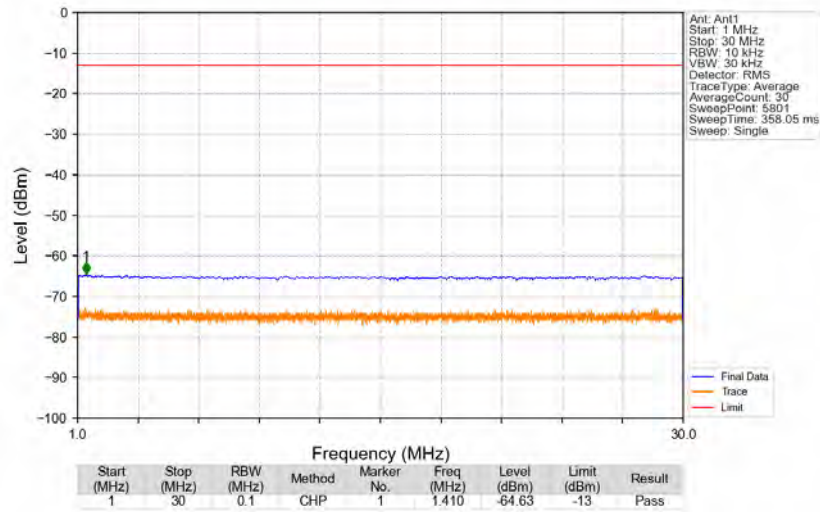
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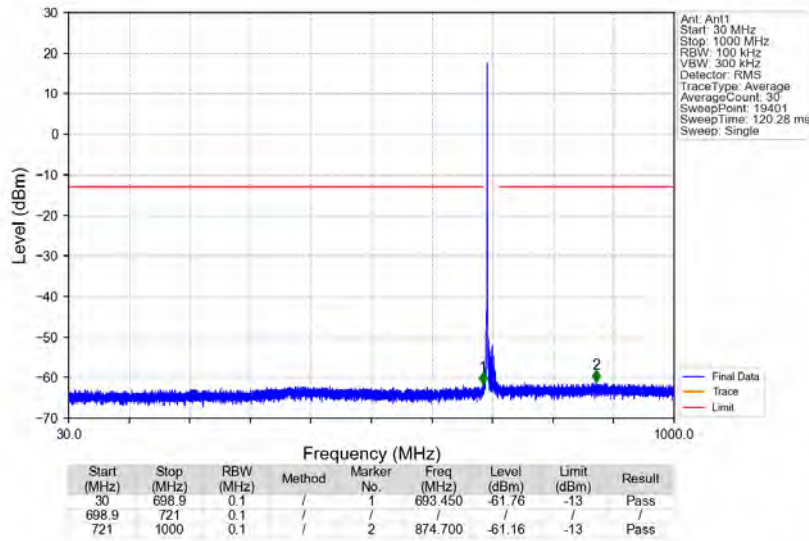
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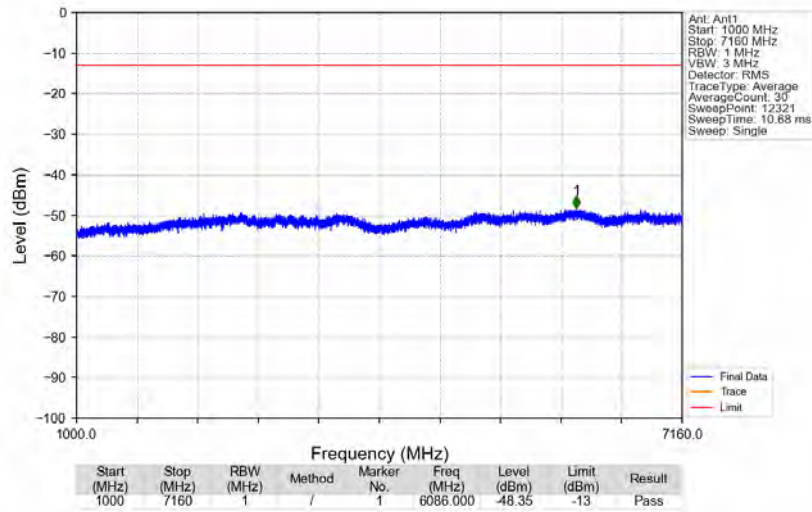
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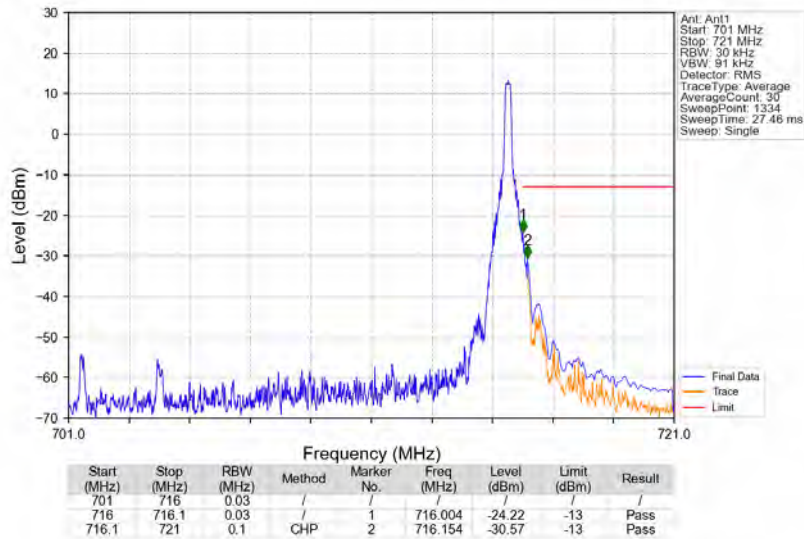
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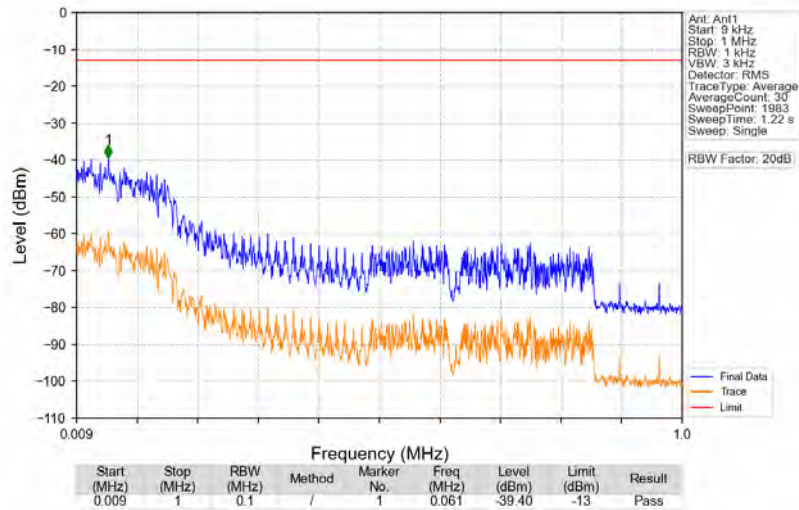
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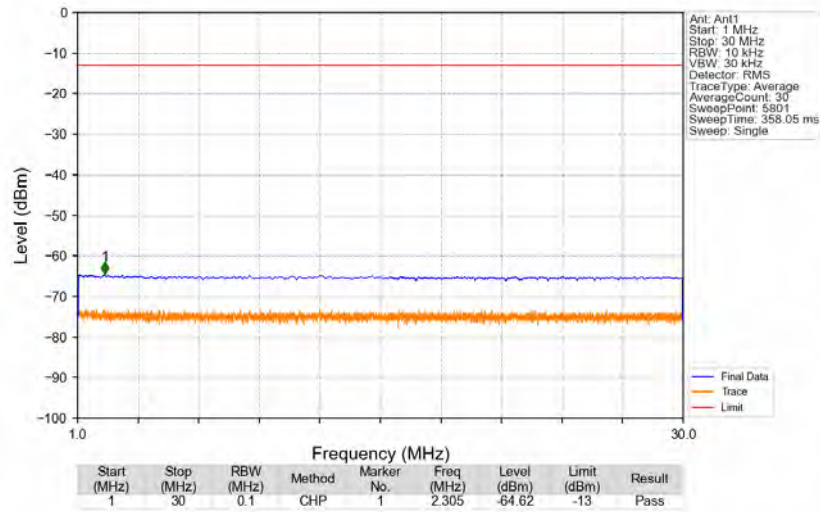
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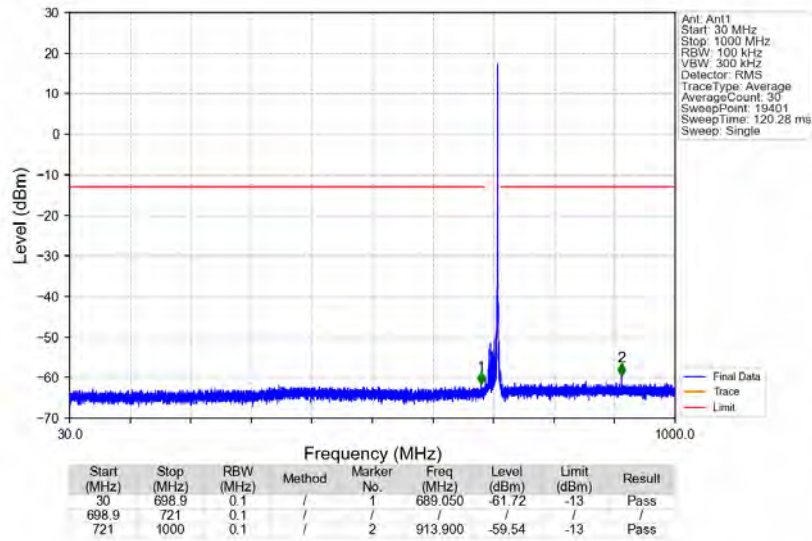
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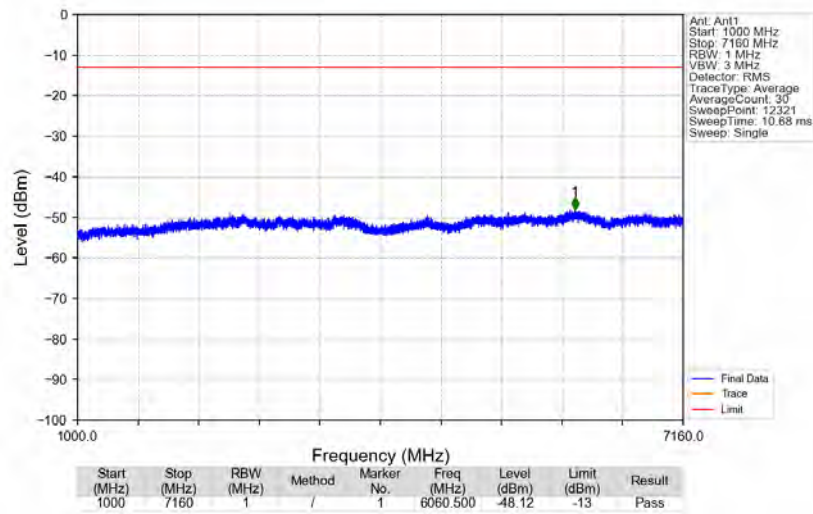
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n12_15kHz_SISO_NTV_15MHz_CP-OFDM QPSK_708.5MHz_Edge_1RB_Right



n12_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_708.5MHz_Edge_1RB_Right



n12_15kHz_SISO_NTNV_15MHz_CP-OFDM QPSK_708.5MHz_Outer_Full

