

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 CA_38C_NTNV_EIRP

Band: CA_38C / NTNV										
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Conducted Power (dBm)			Gain (dBi)	EIRP (dBm)		Verdict
				CC1	CC2	Sum		Result	Limit	
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	24.75	-30.54	24.75	-0.70	24.05	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	21.69	21.53	24.62	-0.70	23.92	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	17.32	19.34	21.46	-0.70	20.76	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	20.15	19.45	22.83	-0.70	22.13	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	18.65	19.10	21.89	-0.70	21.19	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	24.58	-29.94	24.58	-0.70	23.88	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	21.91	21.94	24.93	-0.70	24.23	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.53	18.67	21.61	-0.70	20.91	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	20.50	19.66	23.11	-0.70	22.41	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	18.89	19.31	22.12	-0.70	21.42	<=33.01	Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	24.76	-27.88	24.76	-0.70	24.06	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	22.25	22.41	25.34	-0.70	24.64	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.75	18.93	21.85	-0.70	21.15	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	19.73	21.22	23.55	-0.70	22.85	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	19.31	19.56	22.45	-0.70	21.75	<=33.01	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	23.10	-30.86	23.10	-0.70	22.40	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	19.60	20.36	23.01	-0.70	22.31	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.24	18.65	21.46	-0.70	20.76	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	19.15	18.44	21.82	-0.70	21.12	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.70	18.93	20.97	-0.70	20.27	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	22.86	-31.54	22.86	-0.70	22.16	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	20.30	20.32	23.32	-0.70	22.62	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.31	18.86	21.61	-0.70	20.91	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	19.05	19.14	22.10	-0.70	21.40	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	17.90	18.32	21.12	-0.70	20.42	<=33.01	Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	23.07	-29.14	23.07	-0.70	22.37	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	19.83	21.45	23.73	-0.70	23.03	<=33.01	Pass
			CC1: 36@0	18.69	18.88	21.80	-0.70	21.10	<=33.01	Pass

			CC2: 36@39							
			CC1: 36@39 CC2: 36@0	18.62	20.17	22.47	-0.70	21.77	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	18.30	18.53	21.43	-0.70	20.73	<=33.01	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	22.28	-31.98	22.28	-0.70	21.58	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	16.95	18.21	20.64	-0.70	19.94	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.08	18.83	21.48	-0.70	20.78	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	18.16	17.47	20.84	-0.70	20.14	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	17.76	18.09	20.94	-0.70	20.24	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	21.52	-31.53	21.52	-0.70	20.82	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	18.02	17.46	20.76	-0.70	20.06	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.31	18.87	21.61	-0.70	20.91	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	18.03	18.13	21.09	-0.70	20.39	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	18.27	17.87	21.09	-0.70	20.39	<=33.01	Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	21.59	-30.44	21.59	-0.70	20.89	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	18.11	18.27	21.20	-0.70	20.50	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.66	18.86	21.77	-0.70	21.07	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	17.63	19.18	21.48	-0.70	20.78	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	18.28	18.49	21.39	-0.70	20.69	<=33.01	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	18.86	-35.62	18.86	-0.70	18.16	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	15.49	15.91	18.71	-0.70	18.01	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.26	16.68	19.49	-0.70	18.79	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	16.18	15.48	18.85	-0.70	18.15	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	15.75	16.05	18.91	-0.70	18.21	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	18.66	-33.88	18.66	-0.70	17.96	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	15.90	15.93	18.93	-0.70	18.23	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.32	16.87	19.61	-0.70	18.91	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	16.06	16.15	19.12	-0.70	18.42	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	15.89	16.32	19.12	-0.70	18.42	<=33.01	Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	18.79	-32.71	18.79	-0.70	18.09	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	15.97	16.70	19.36	-0.70	18.66	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.70	16.89	19.80	-0.70	19.10	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	16.15	16.77	19.48	-0.70	18.78	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.27	16.53	19.41	-0.70	18.71	<=33.01	Pass
CC1:20	CC1:	CC1:2580	CC1: 1@0	24.77	-28.71	24.77	-0.70	24.07	<=33.01	Pass

CC2:20	QPSK CC2: QPSK	CC2:2599.8	CC2: 0@0							
			CC1: 1@99 CC2: 1@0	21.74	21.63	24.70	-0.70	24.00	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.35	18.81	21.59	-0.70	20.89	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	19.77	20.16	22.98	-0.70	22.28	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	18.87	19.01	21.95	-0.70	21.25	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	24.63	-29.32	24.63	-0.70	23.93	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	22.21	21.53	24.89	-0.70	24.19	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.41	18.85	21.65	-0.70	20.95	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	19.64	20.62	23.17	-0.70	22.47	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	18.90	19.33	22.13	-0.70	21.43	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	24.61	-27.65	24.61	-0.70	23.91	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	22.06	22.20	25.14	-0.70	24.44	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.52	18.88	21.72	-0.70	21.02	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	20.05	20.64	23.37	-0.70	22.67	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	19.07	19.47	22.28	-0.70	21.58	<=33.01	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	23.11	-29.74	23.11	-0.70	22.41	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	19.18	20.91	23.14	-0.70	22.44	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.42	18.88	21.67	-0.70	20.97	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	19.29	18.75	22.04	-0.70	21.34	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	17.75	18.28	21.04	-0.70	20.34	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	22.91	-29.91	22.91	-0.70	22.21	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	20.24	20.25	23.25	-0.70	22.55	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	17.72	19.56	21.74	-0.70	21.04	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	19.15	19.23	22.20	-0.70	21.50	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	17.91	18.34	21.14	-0.70	20.44	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	22.90	-29.48	22.90	-0.70	22.20	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	20.46	20.59	23.53	-0.70	22.83	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.57	18.91	21.75	-0.70	21.05	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	19.07	19.66	22.38	-0.70	21.68	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	16.41	19.70	21.37	-0.70	20.67	<=33.01	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	22.77	-30.25	22.77	-0.70	22.07	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	17.82	17.59	20.72	-0.70	20.02	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.36	18.84	21.62	-0.70	20.92	<=33.01	Pass
			CC1: 50@50	18.17	17.68	20.94	-0.70	20.24	<=33.01	Pass

			CC2: 50@0							
			CC1: 100@0 CC2: 100@0	17.82	18.25	21.05	-0.70	20.35	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	21.55	-30.30	21.55	-0.70	20.85	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	17.72	17.73	20.74	-0.70	20.04	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.43	18.89	21.68	-0.70	20.98	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	18.07	18.16	21.12	-0.70	20.42	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	17.41	18.72	21.13	-0.70	20.43	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	21.47	-29.44	21.47	-0.70	20.77	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	17.91	18.03	20.98	-0.70	20.28	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.55	18.88	21.72	-0.70	21.02	<=33.01	Pass
	CC1: 50@50 CC2: 50@0		18.02	18.61	21.34	-0.70	20.64	<=33.01	Pass	
	CC1: 100@0 CC2: 100@0		18.05	18.45	21.27	-0.70	20.57	<=33.01	Pass	
	CC1: 256QAM CC2: 256QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	18.86	-34.21	18.86	-0.70	18.16	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	15.84	15.68	18.77	-0.70	18.07	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.42	16.85	19.65	-0.70	18.95	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	16.27	15.74	19.02	-0.70	18.32	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	15.86	16.10	18.99	-0.70	18.29	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	18.70	-34.91	18.70	-0.70	18.00	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	15.93	15.94	18.94	-0.70	18.24	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.45	16.92	19.70	-0.70	19.00	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	16.11	16.20	19.17	-0.70	18.47	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	15.89	16.32	19.12	-0.70	18.42	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	18.66	-31.99	18.66	-0.70	17.96	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	16.08	16.20	19.15	-0.70	18.45	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.53	16.88	19.72	-0.70	19.02	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	16.04	16.63	19.36	-0.70	18.66	<=33.01	Pass
CC1: 100@0 CC2: 100@0			16.02	16.46	19.25	-0.70	18.55	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain										

2. 99% & 26dB Bandwidth

2.1 Test Result

2.1.1 CA_38C_NTNV_OBW

BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	99% Occupied Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.59	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.57	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.62	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.52	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.58	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.56	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.59	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.57	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.59	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.69	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.62	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.59	/	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.93	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	38.02	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	38.01	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.92	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	38.05	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	38.07	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.88	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	37.86	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.83	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.82	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	38.02	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.95	/	Pass

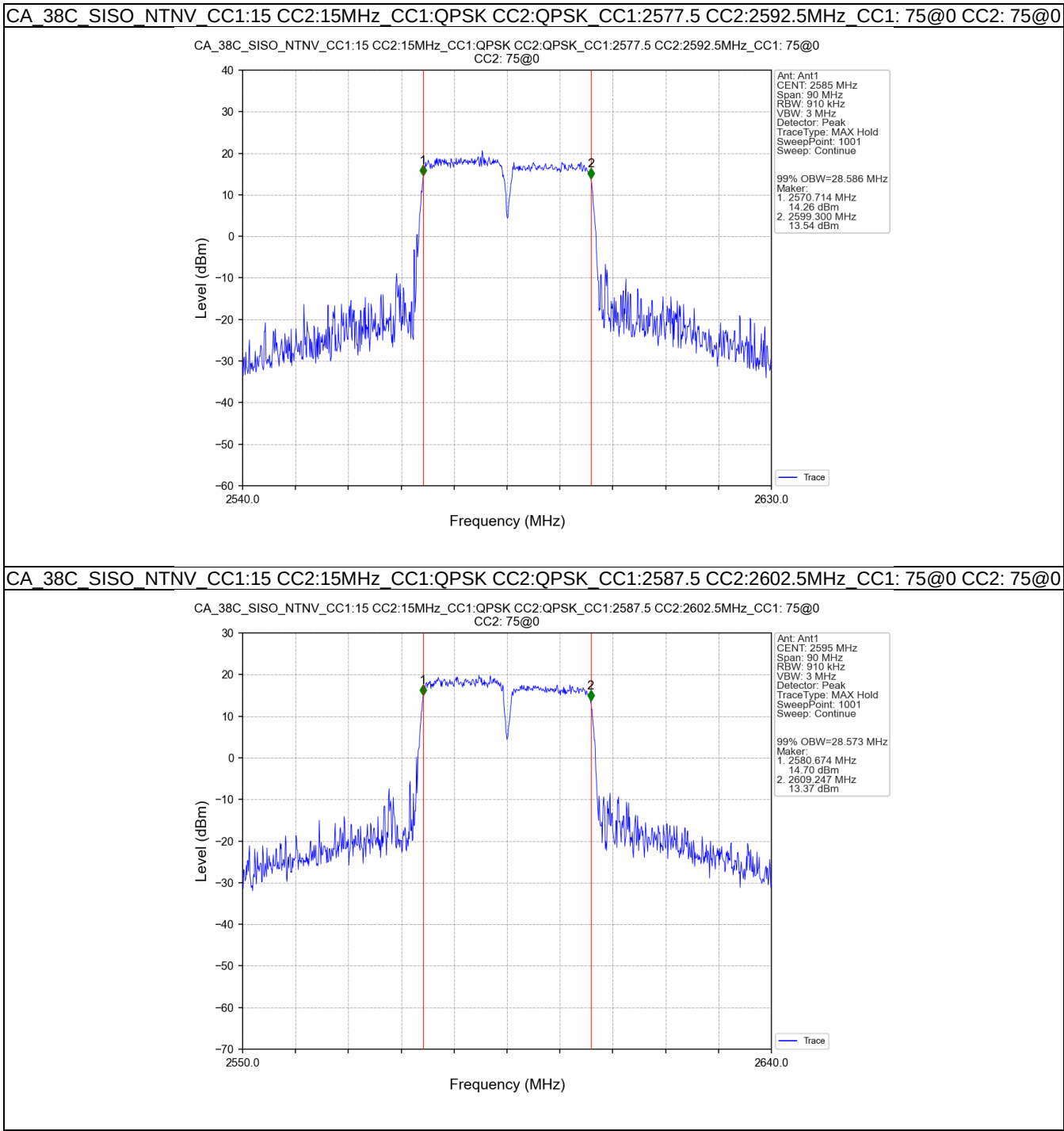
2.1.2 CA_38C_NTNV_XDB

Band: CA_38C / NTNV						
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	26dB Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	31.16	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	31.78	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	32.54	/	Pass
	CC1: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	30.43	/	Pass

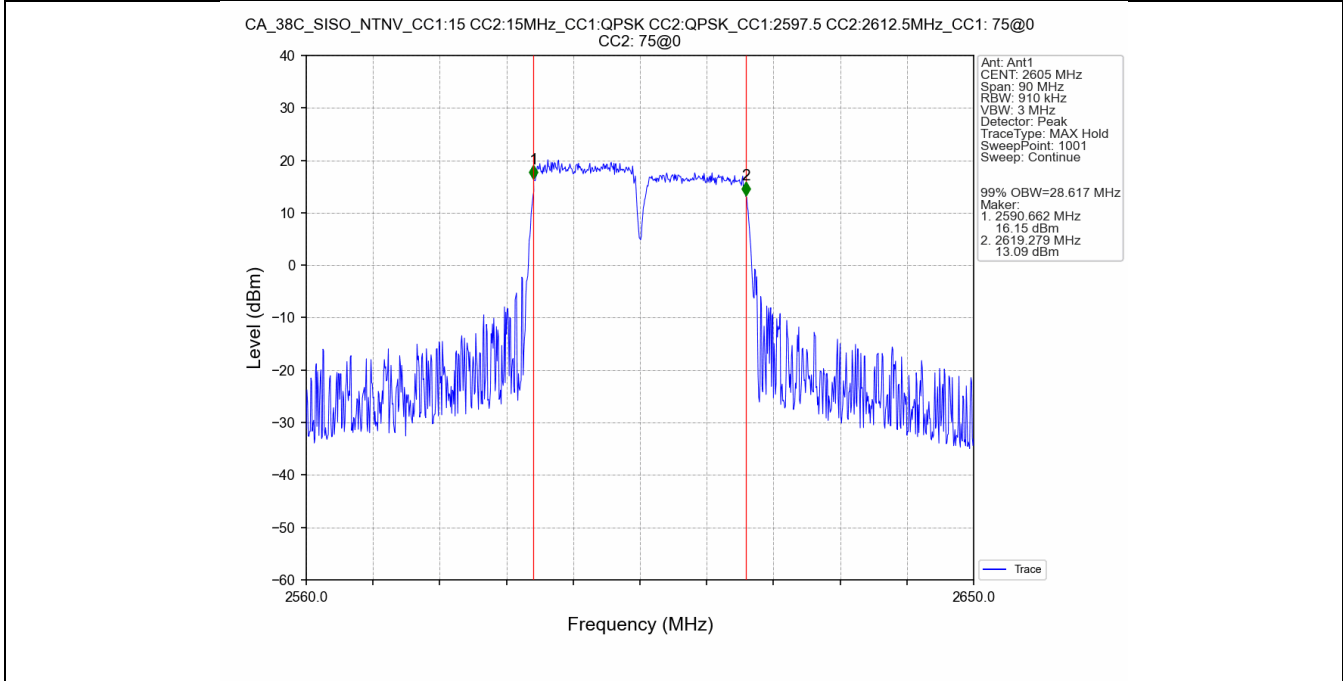
	CC2: 16QAM	CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	30.47	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	30.56	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	33.27	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	35.12	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	38.02	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	32.52	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	31.94	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	31.74	/	Pass
	CC1:20 CC2:20	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	43.39	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	43.78	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	46.67	/	Pass
		CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	45.77	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	43.73	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	44.81	/	Pass
		CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	40.46	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	43.60	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	45.04	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	42.92	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	49.74	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	41.67	/	Pass

2.2 Test Graph

2.2.1 CA_38C_NTNV_OBW



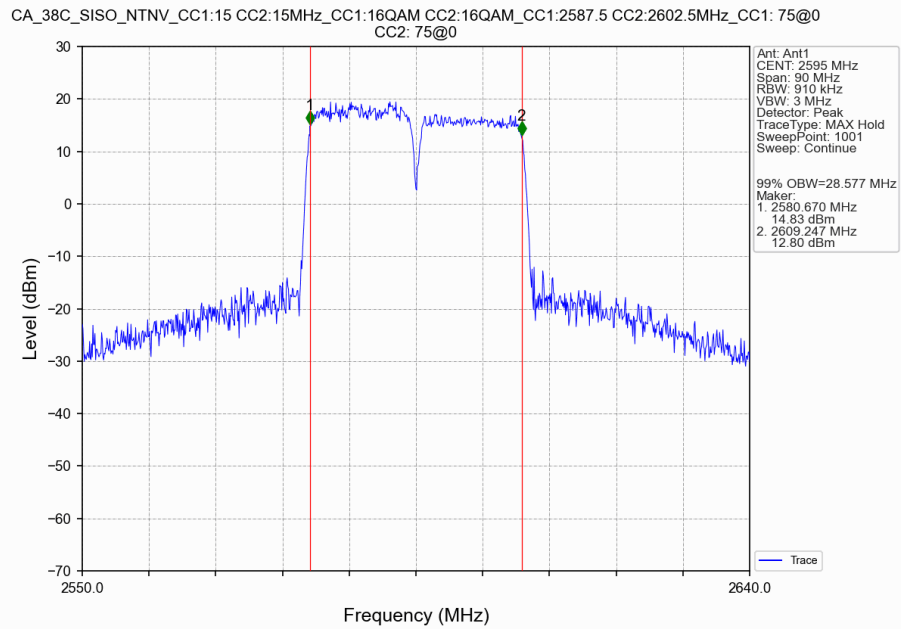
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



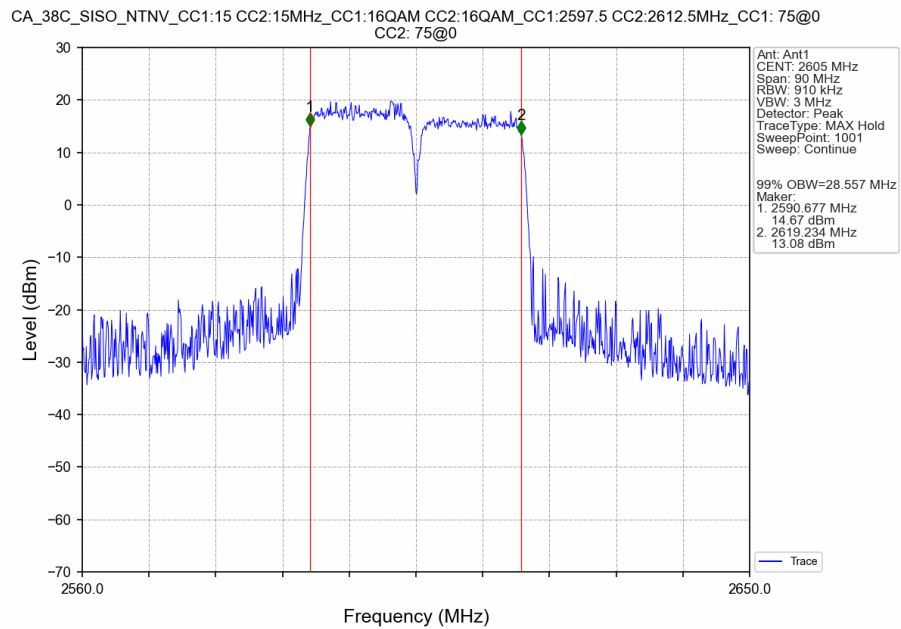
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



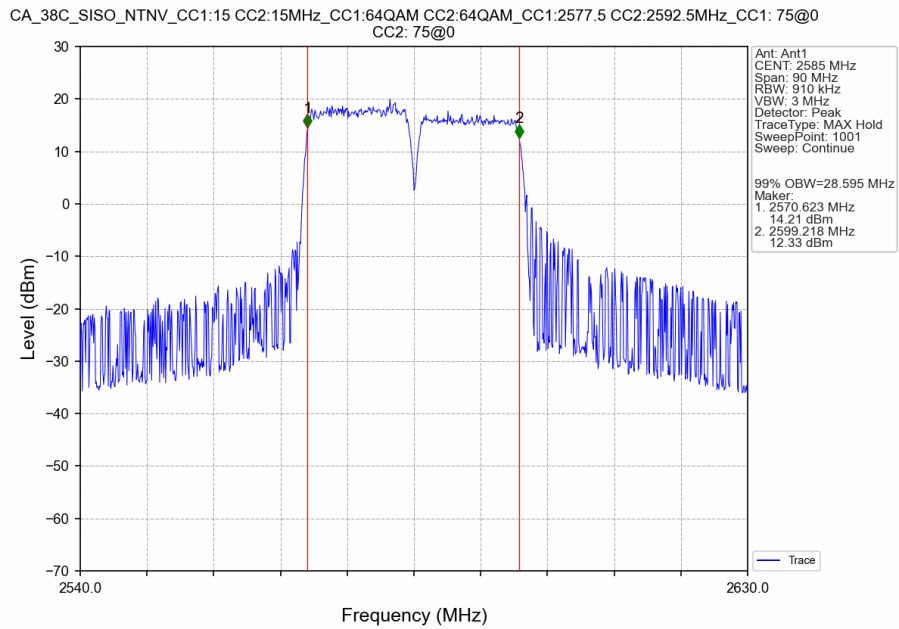
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2:
75@0



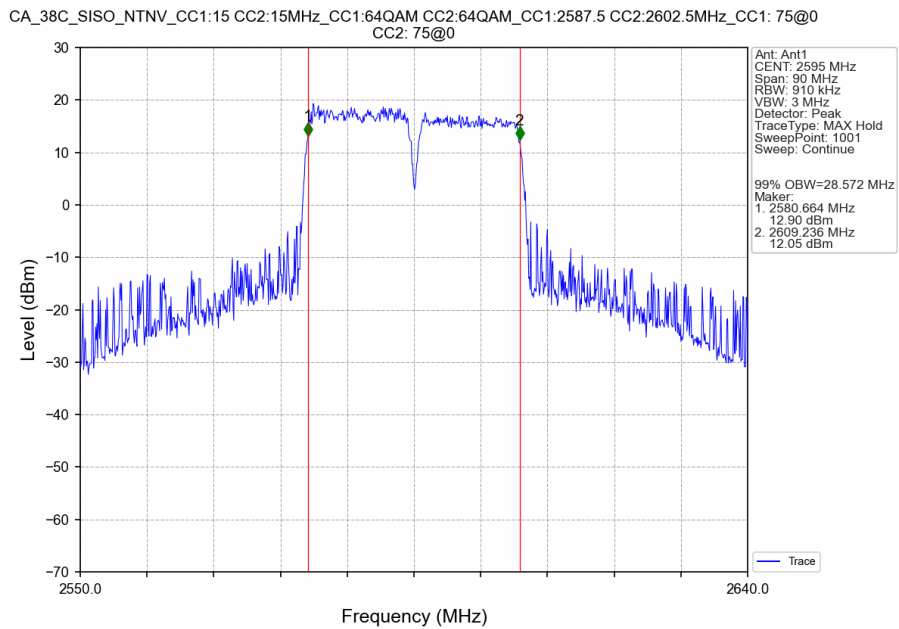
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2:
75@0

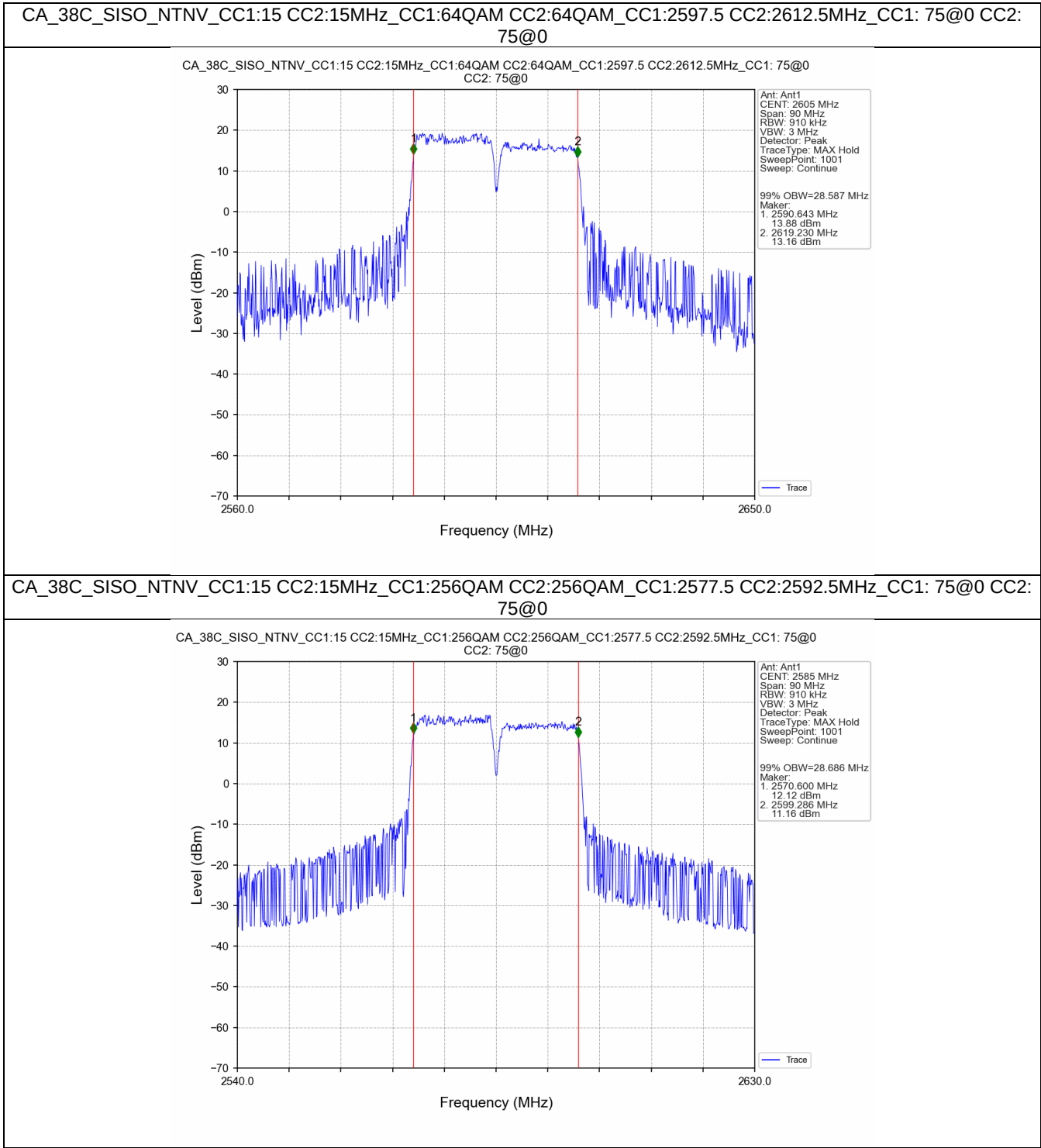


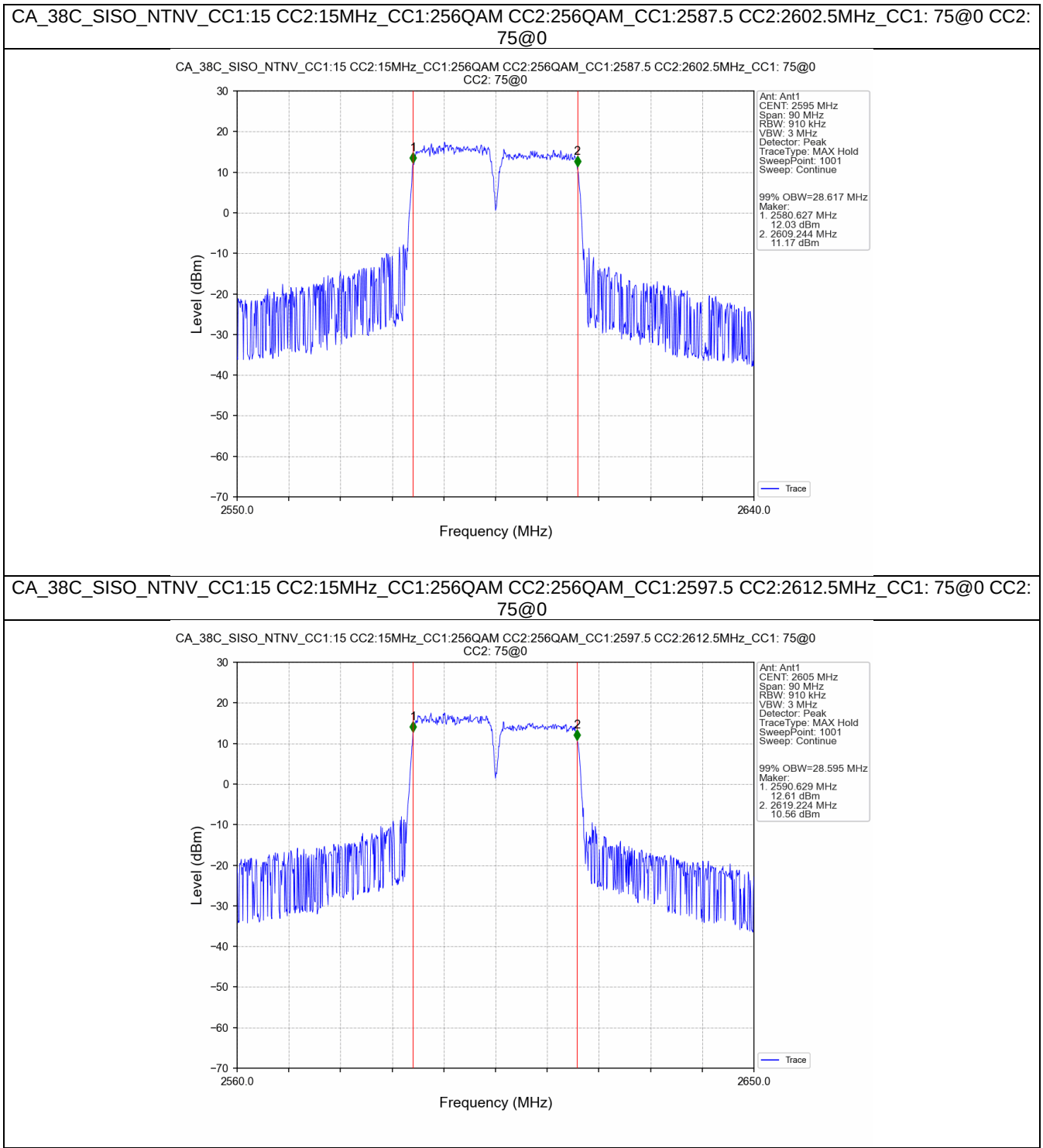
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2:
75@0



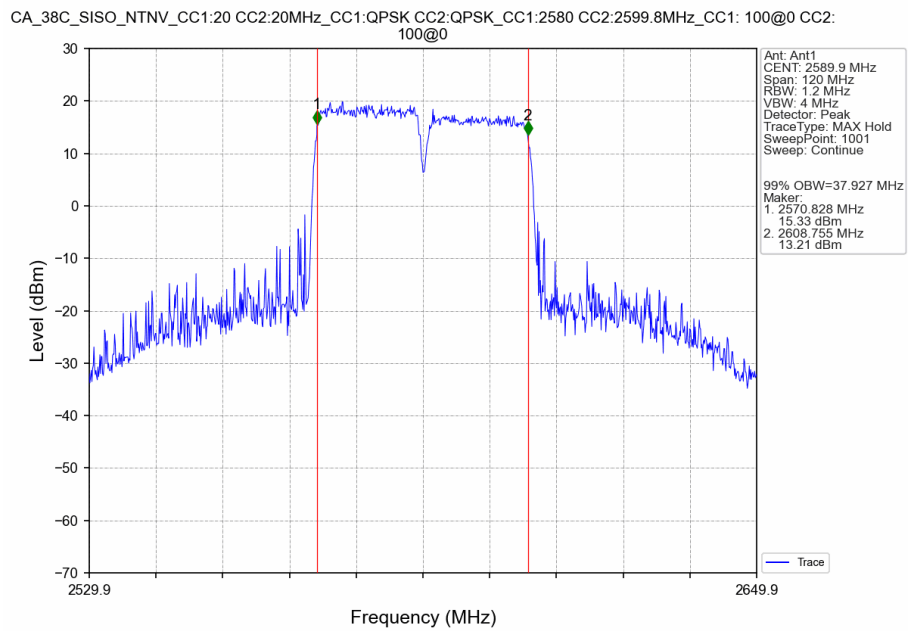
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2:
75@0



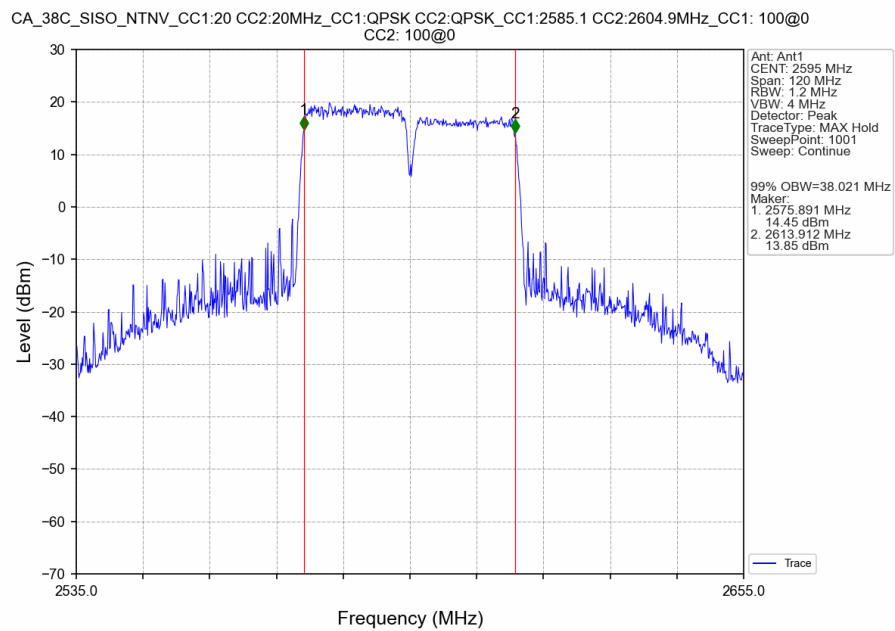




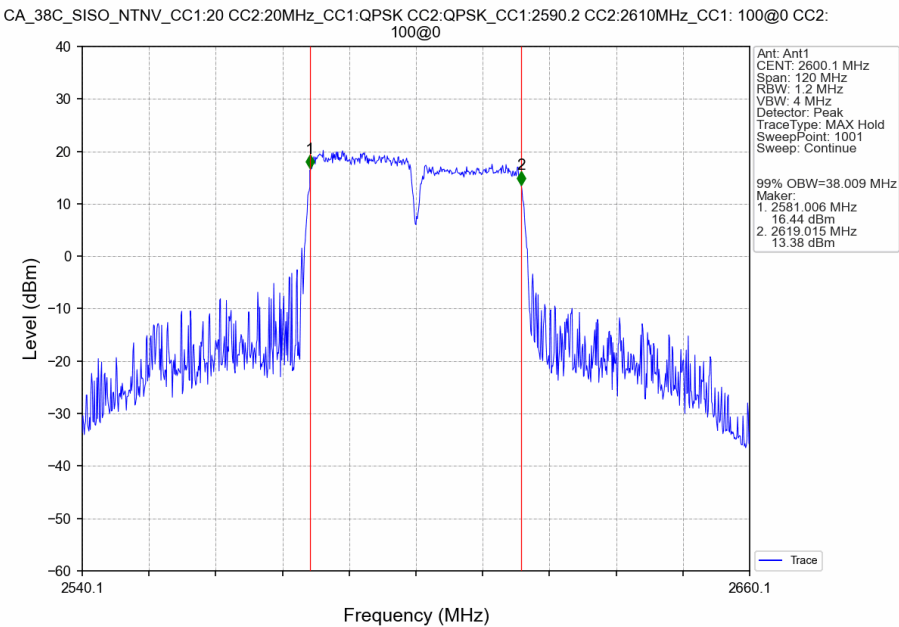
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



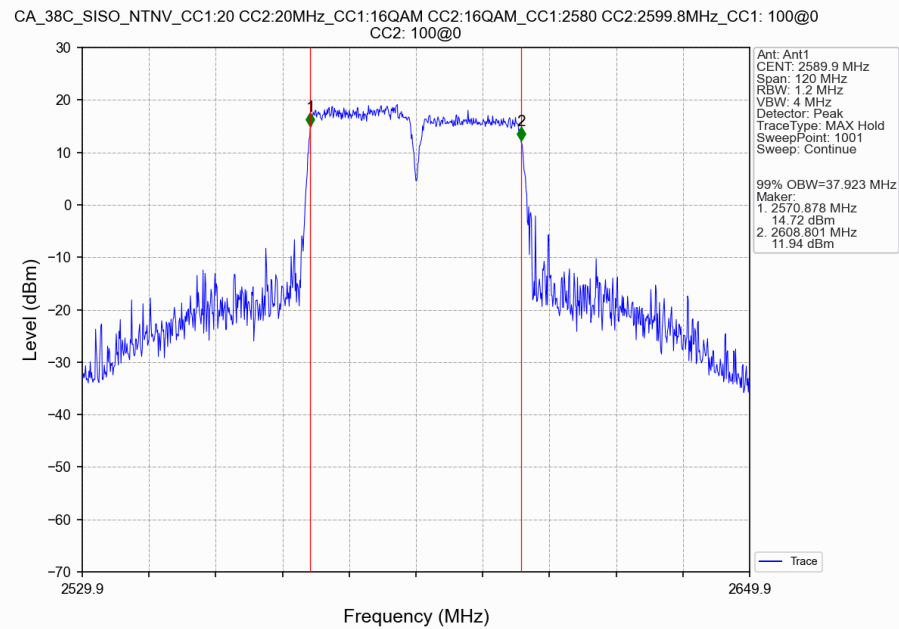
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2:
100@0



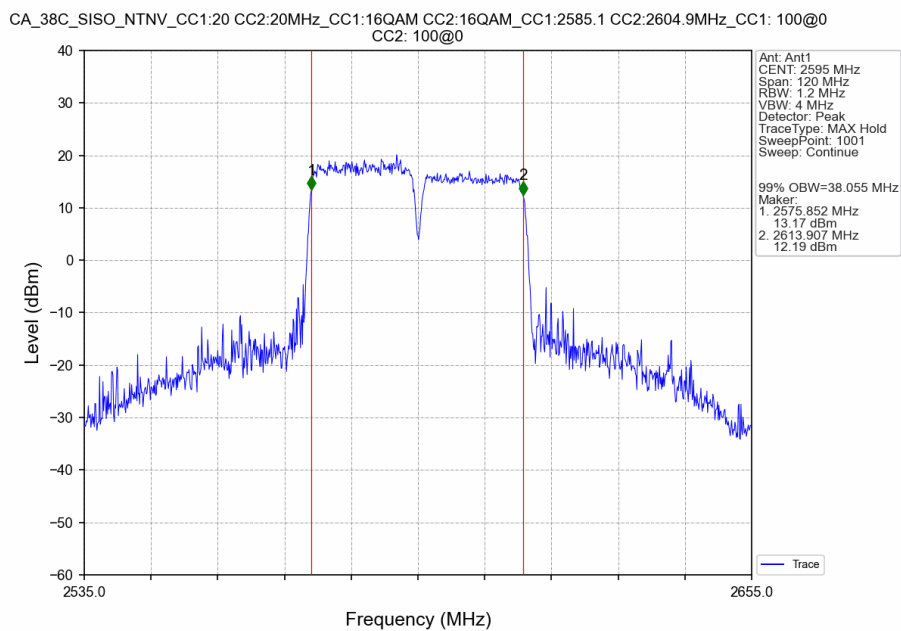
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



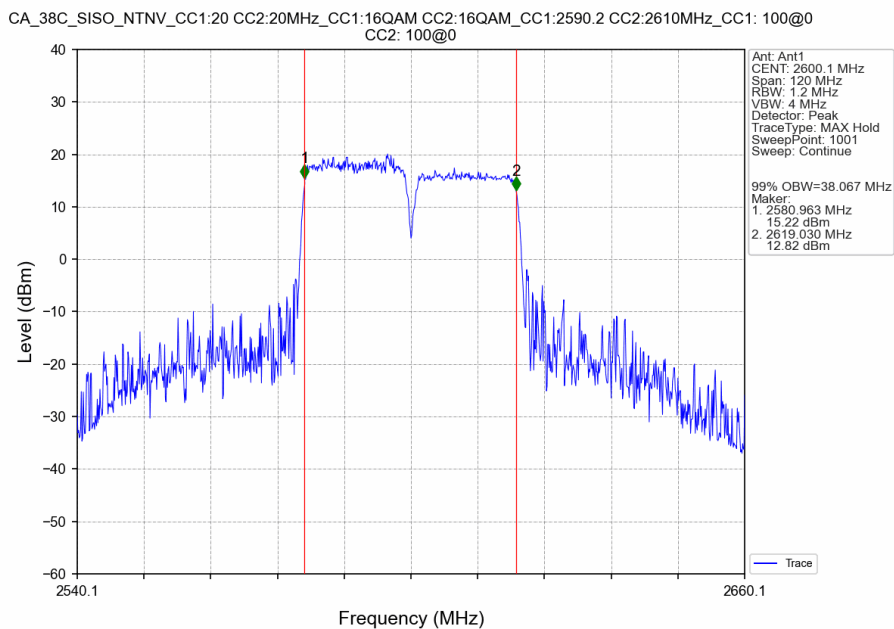
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



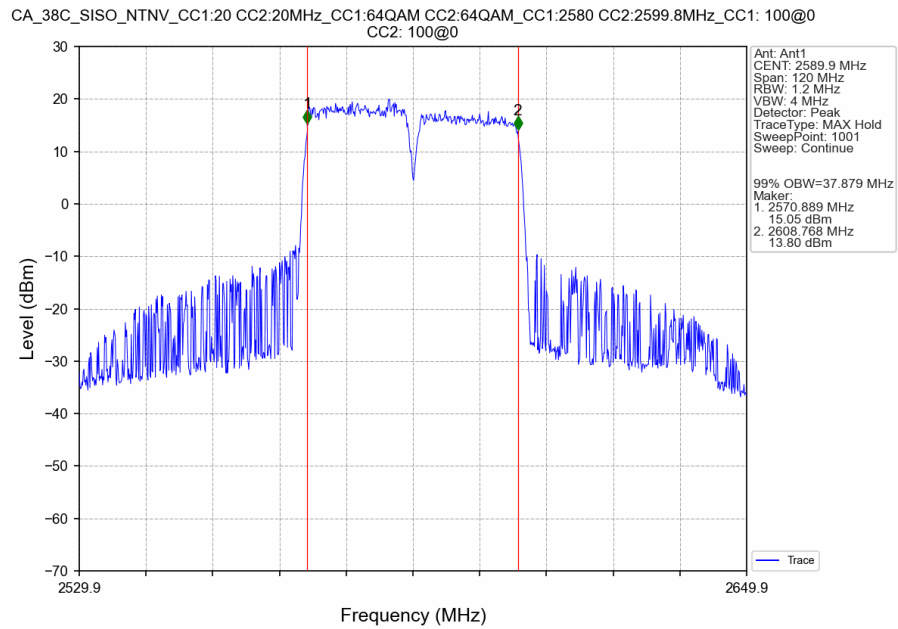
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2:
100@0



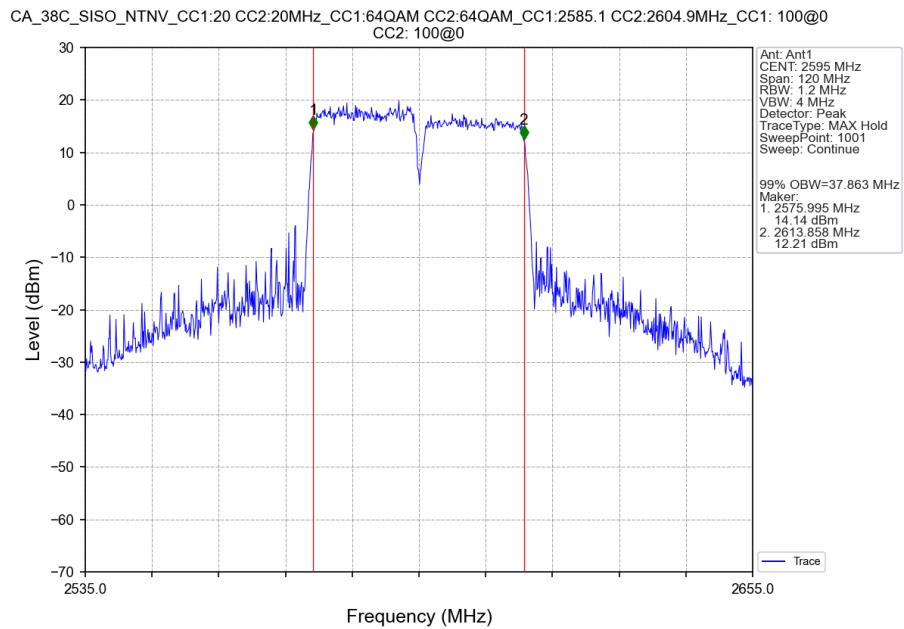
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



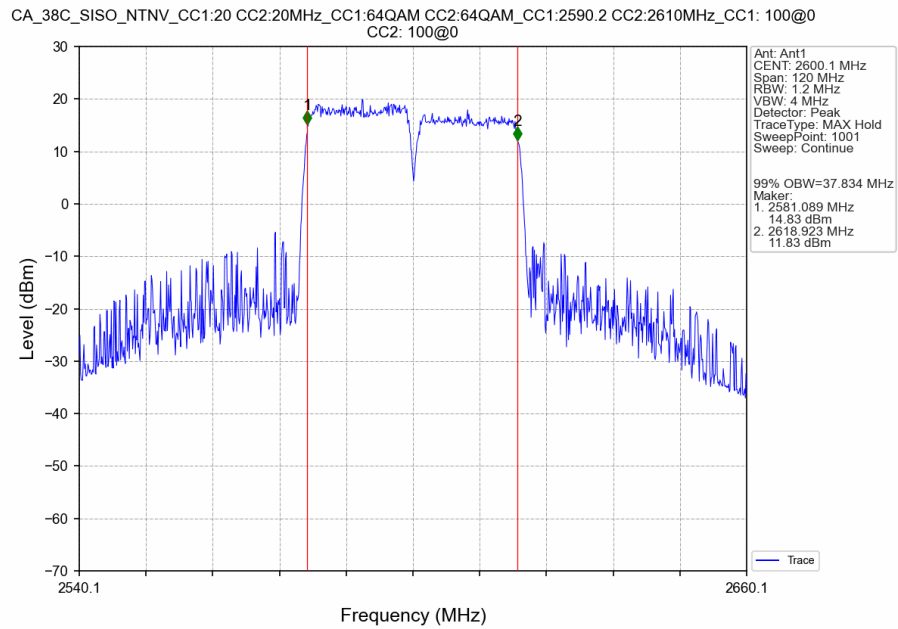
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



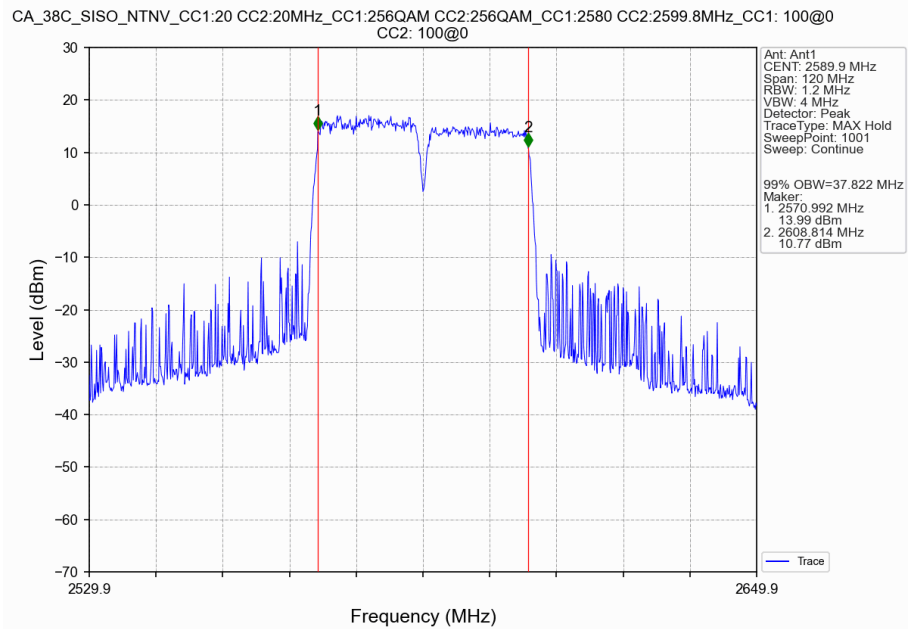
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2:
100@0



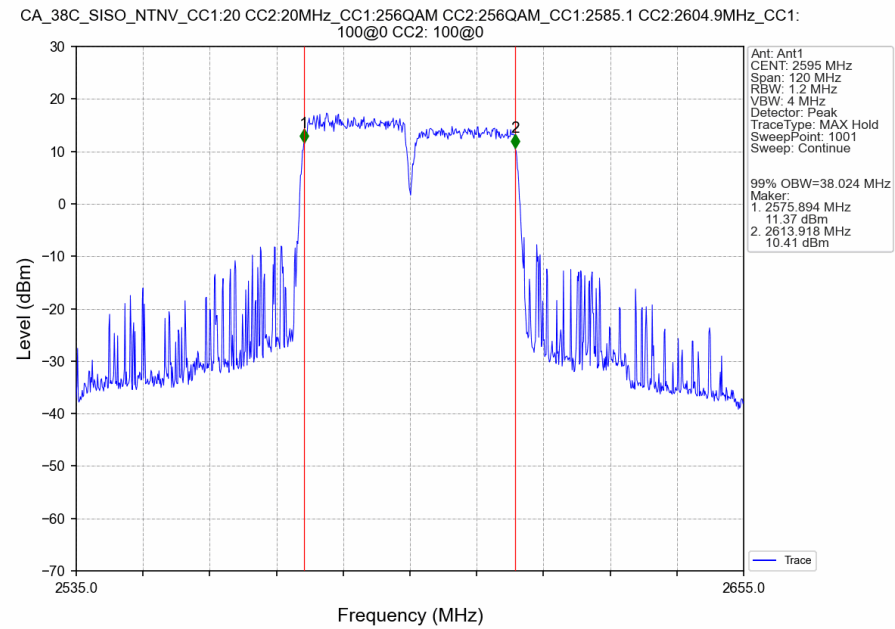
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



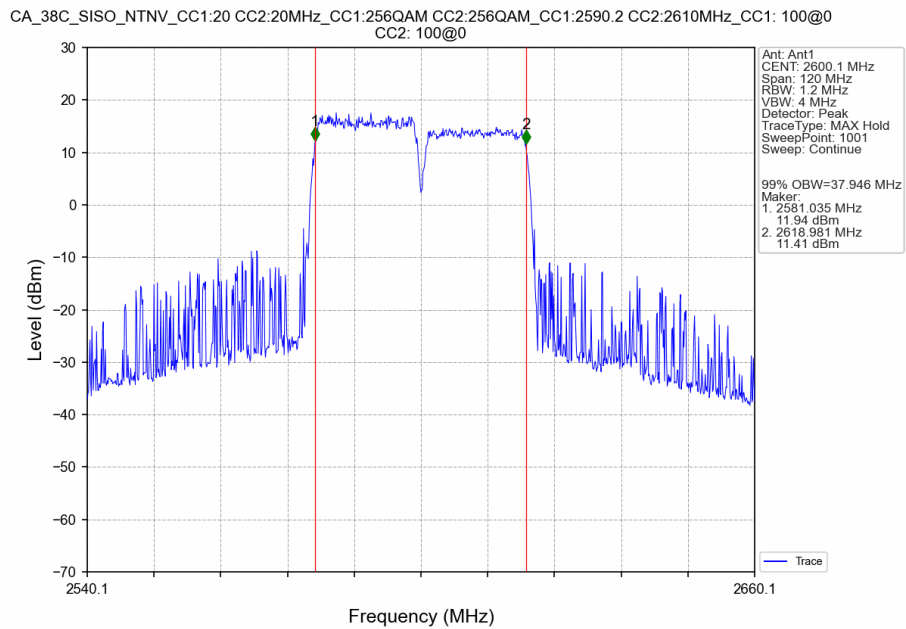
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2:
100@0

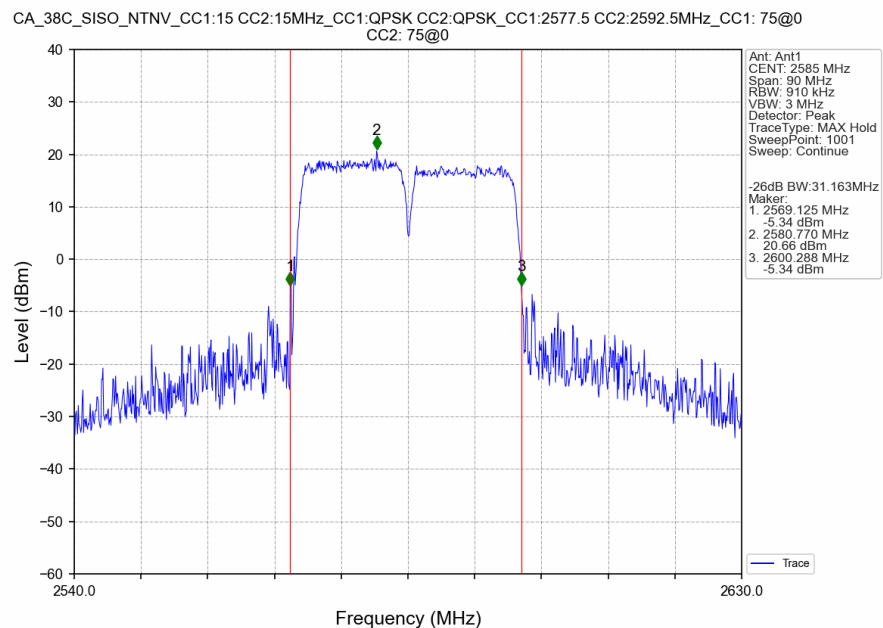


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0

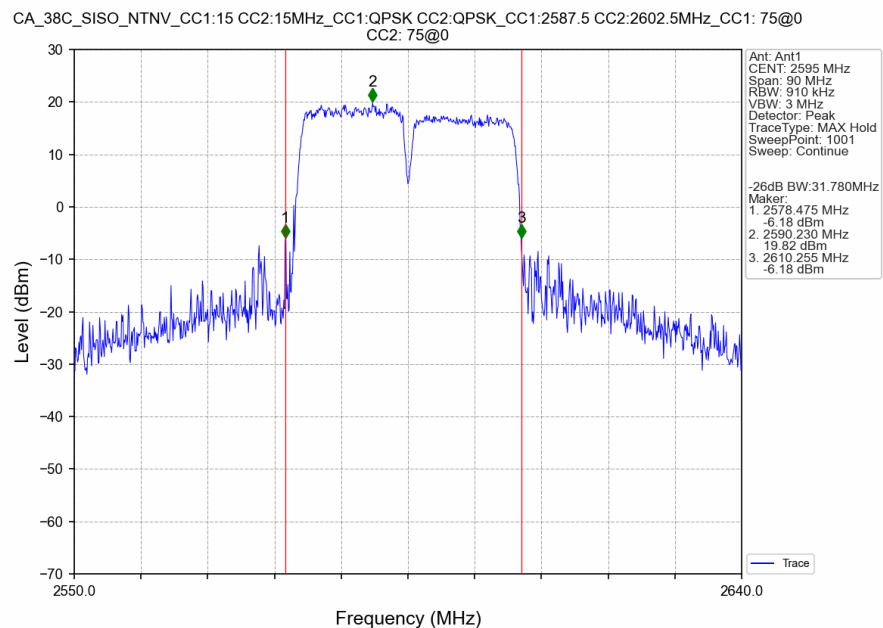


2.2.2 CA_38C_NTNV_XDB

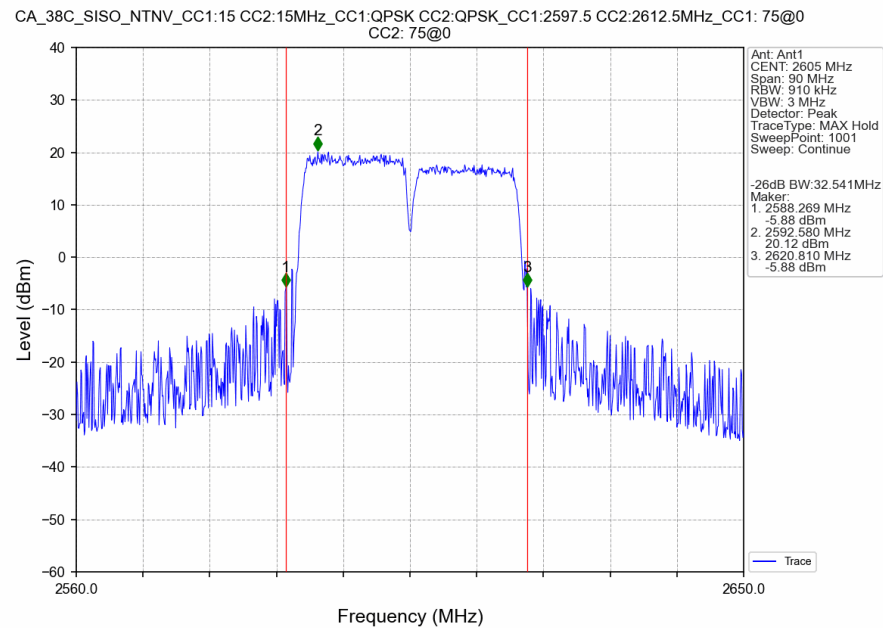
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



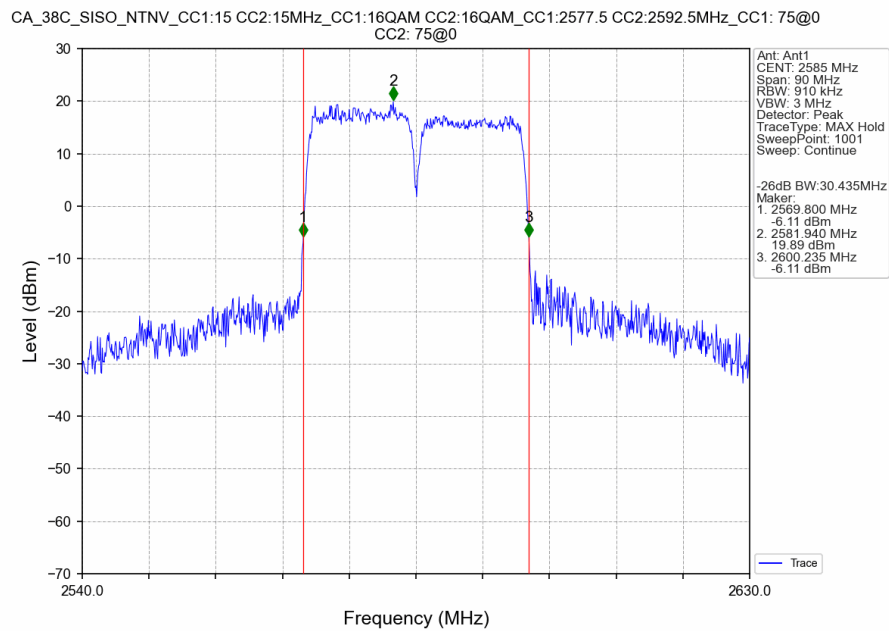
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



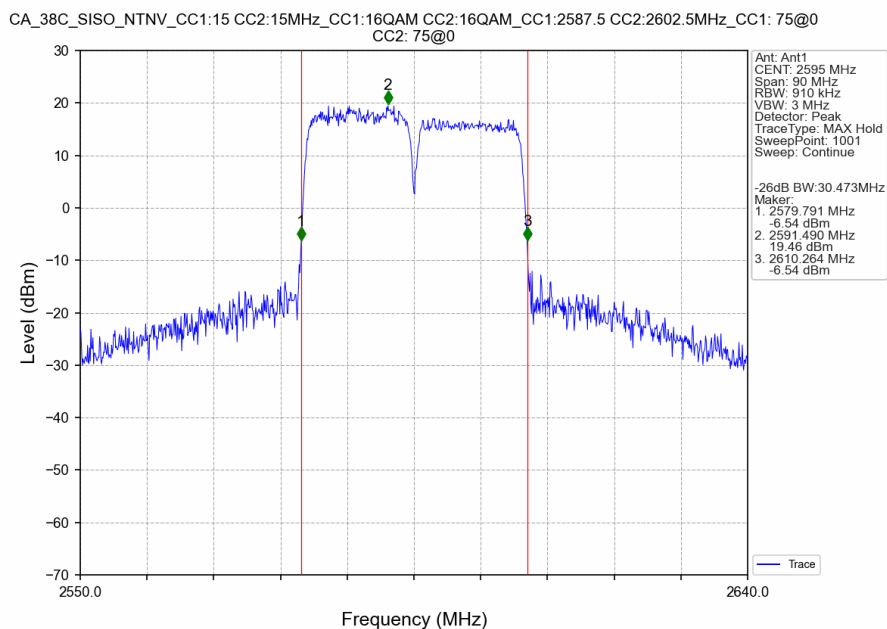
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



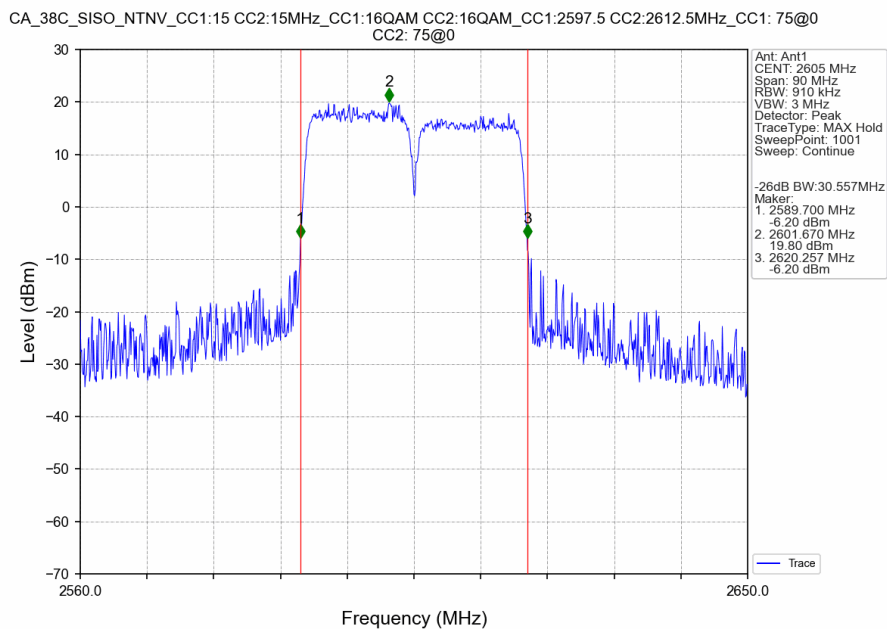
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0

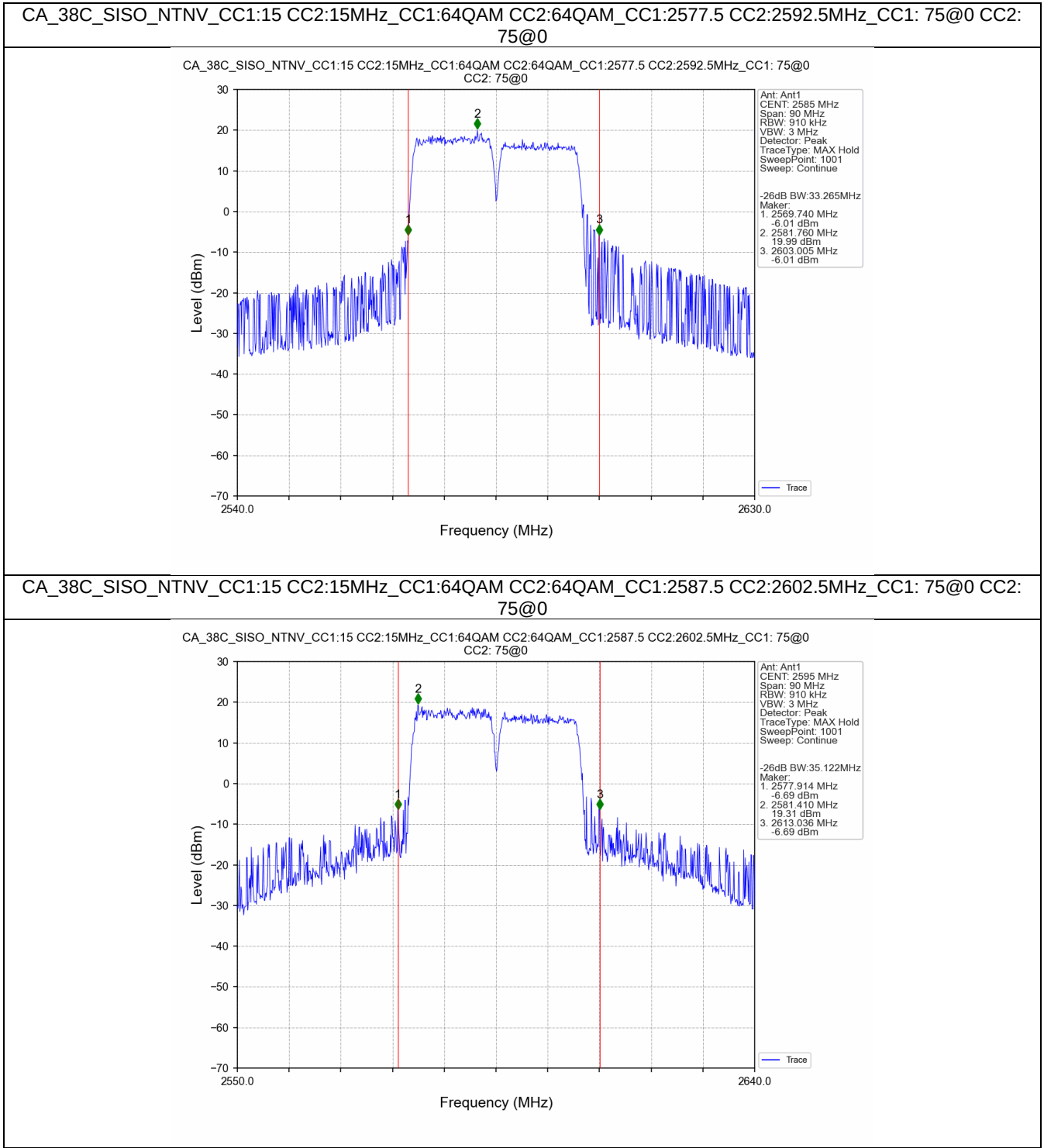


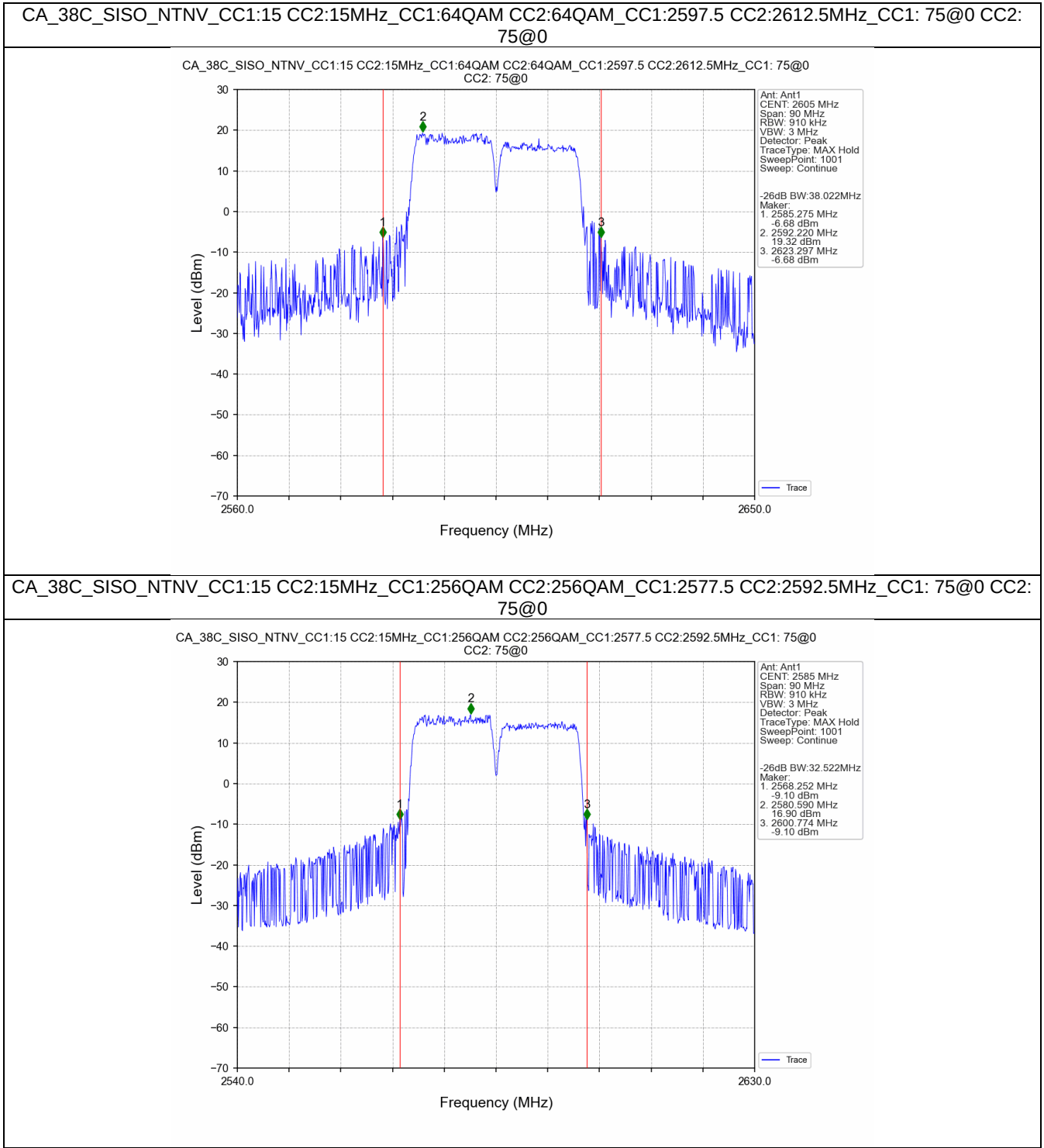
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2:
75@0

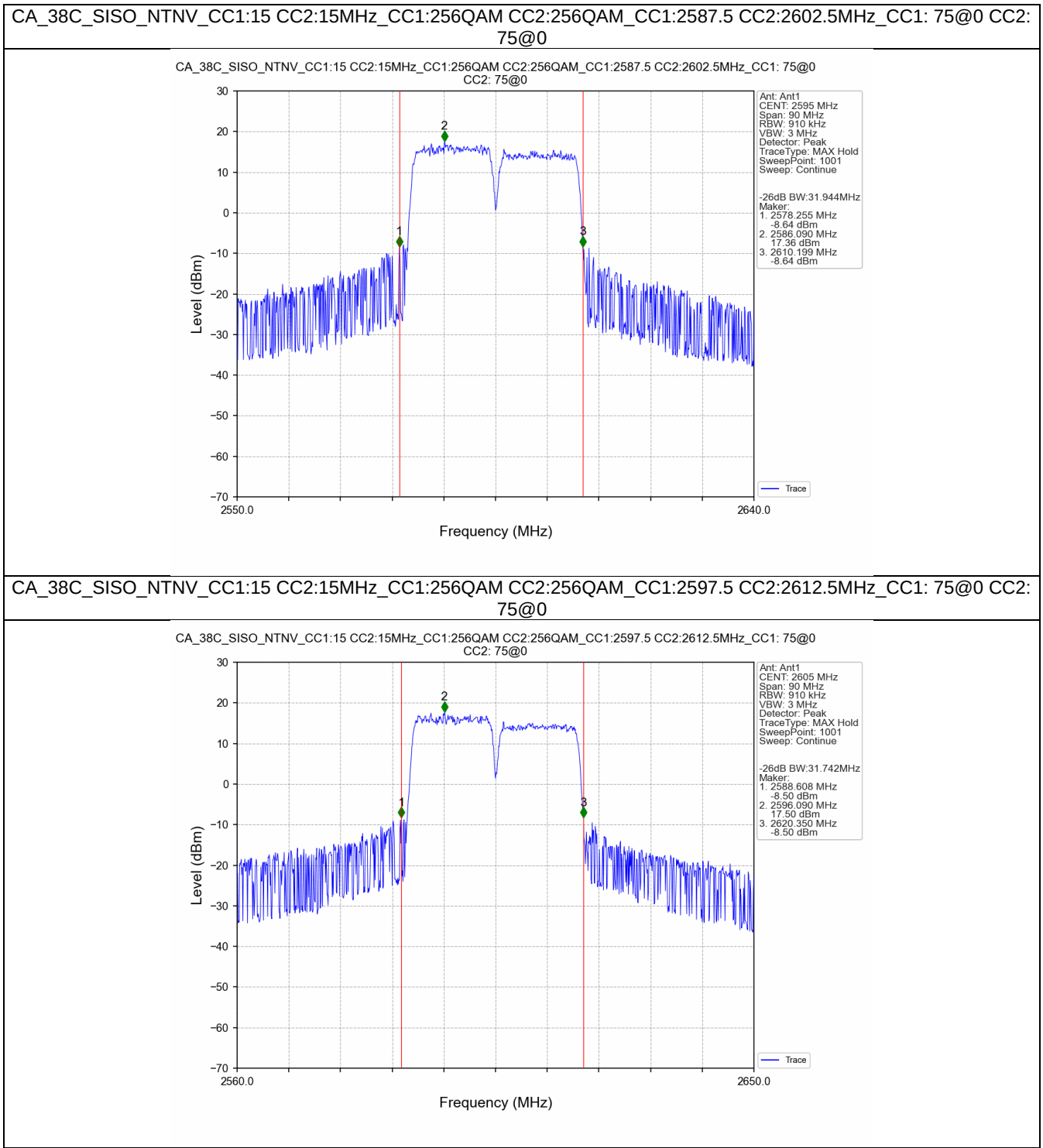


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2:
75@0

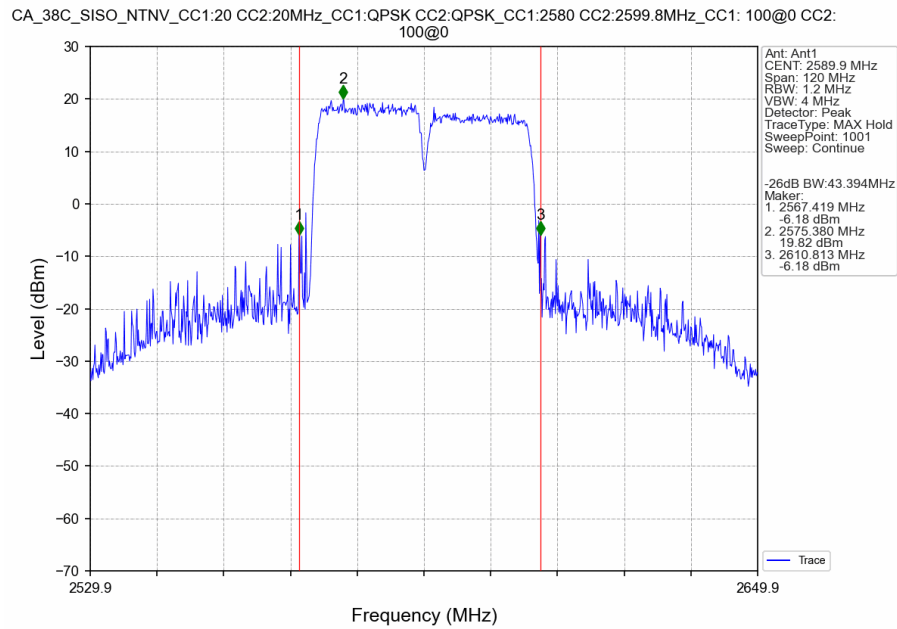




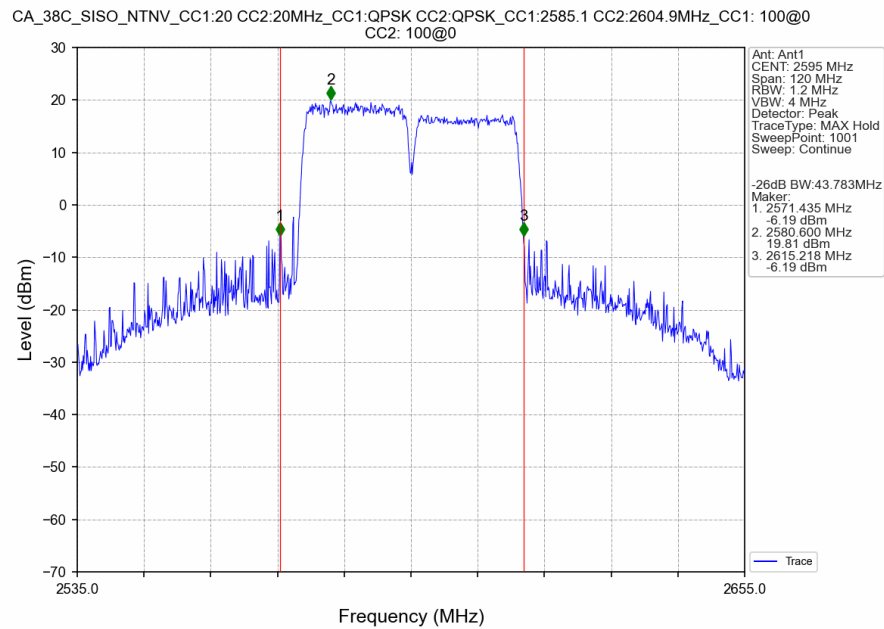




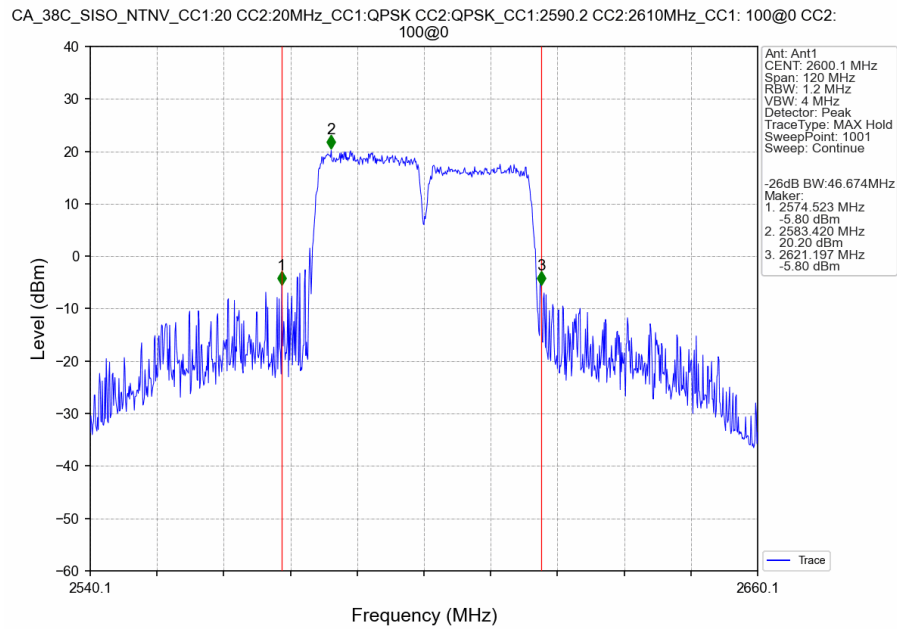
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



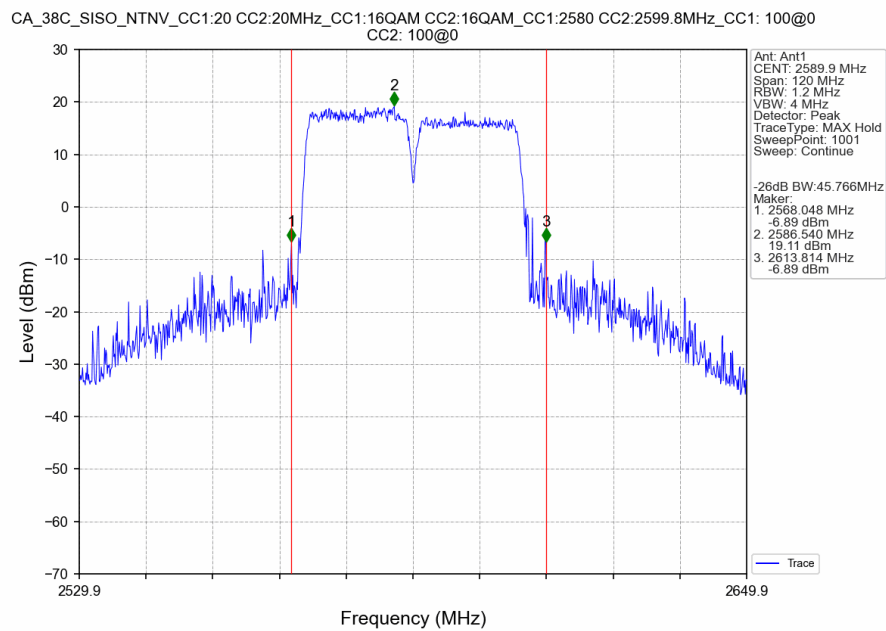
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2:
100@0

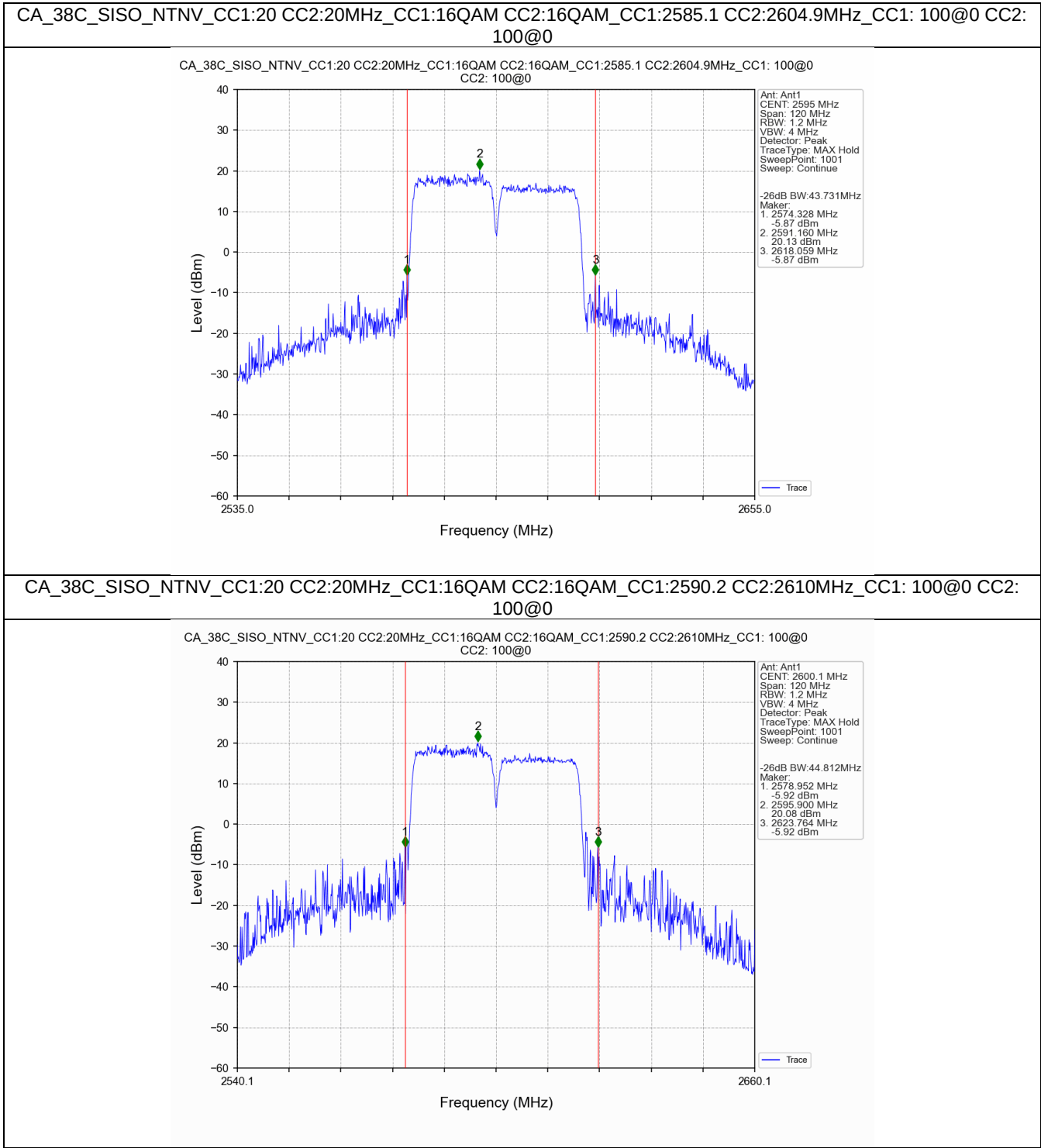


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0

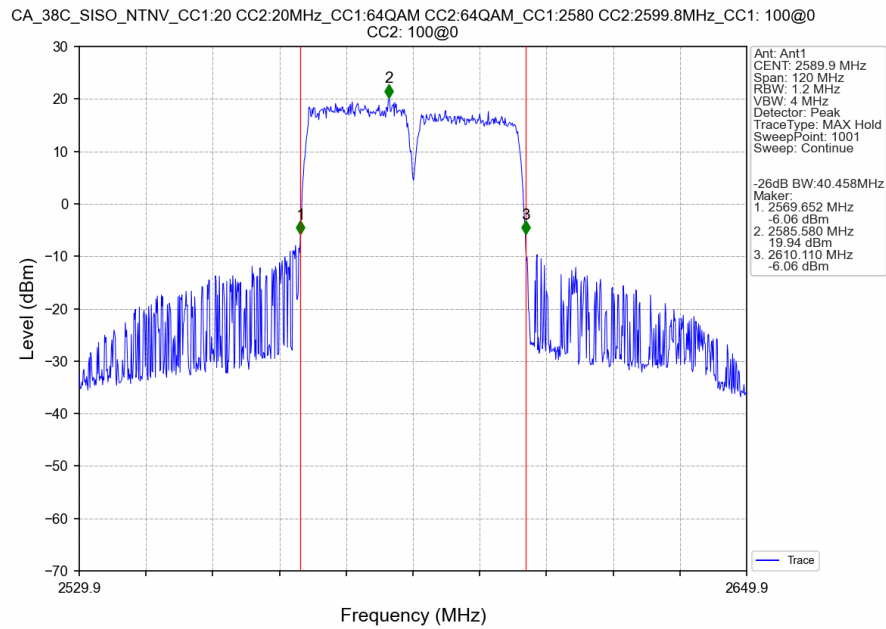


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0

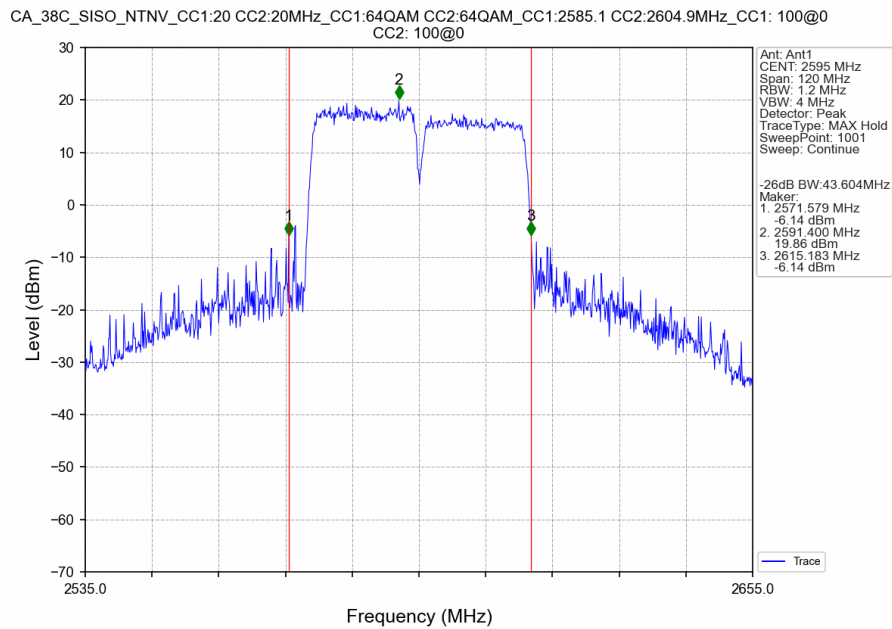




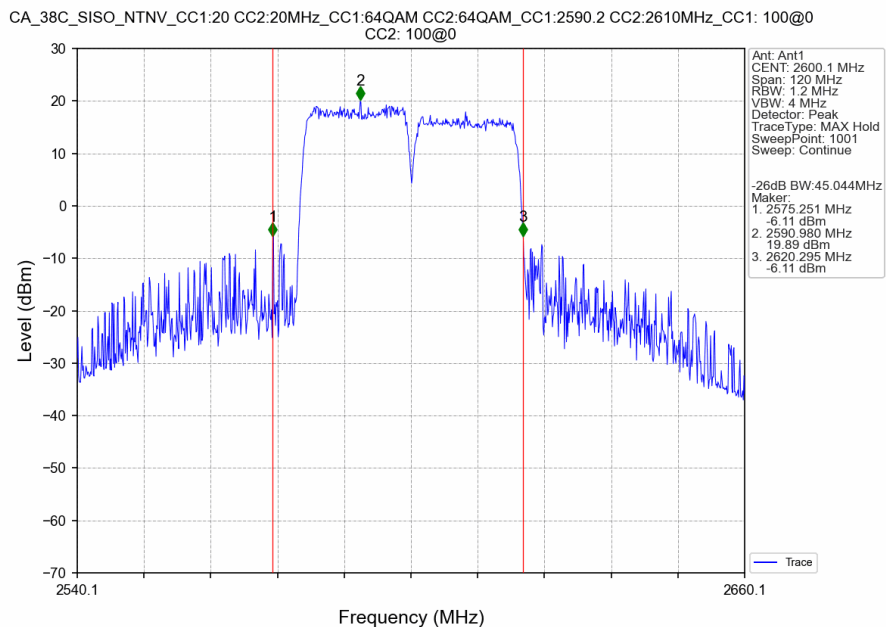
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



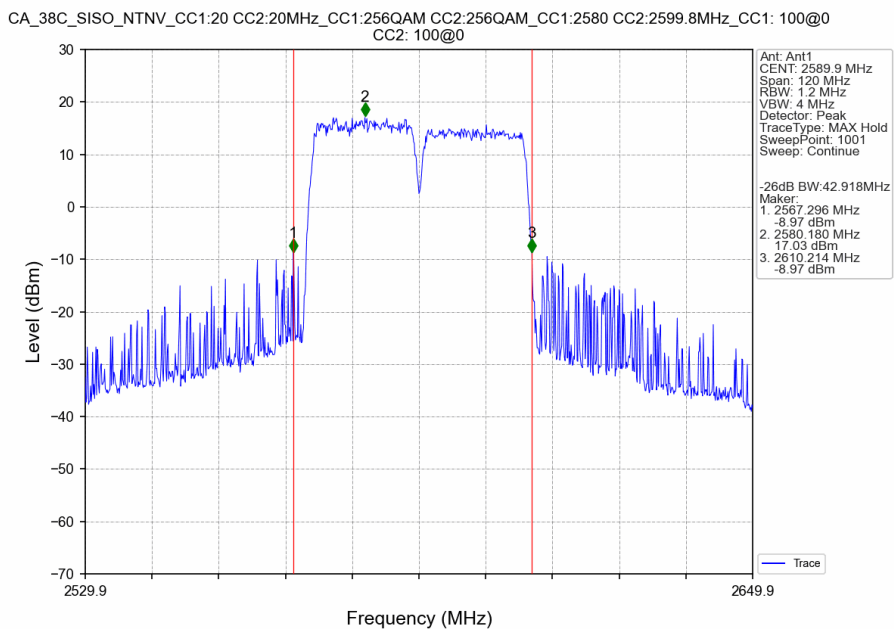
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2:
100@0



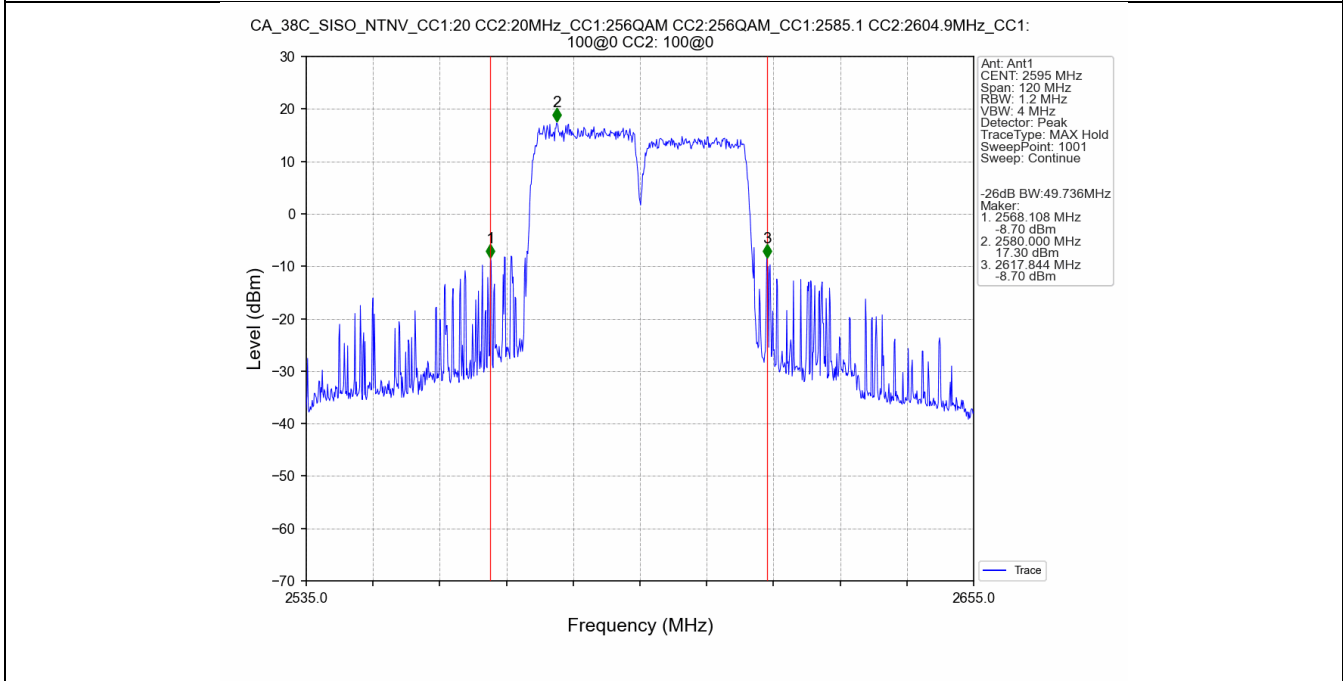
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



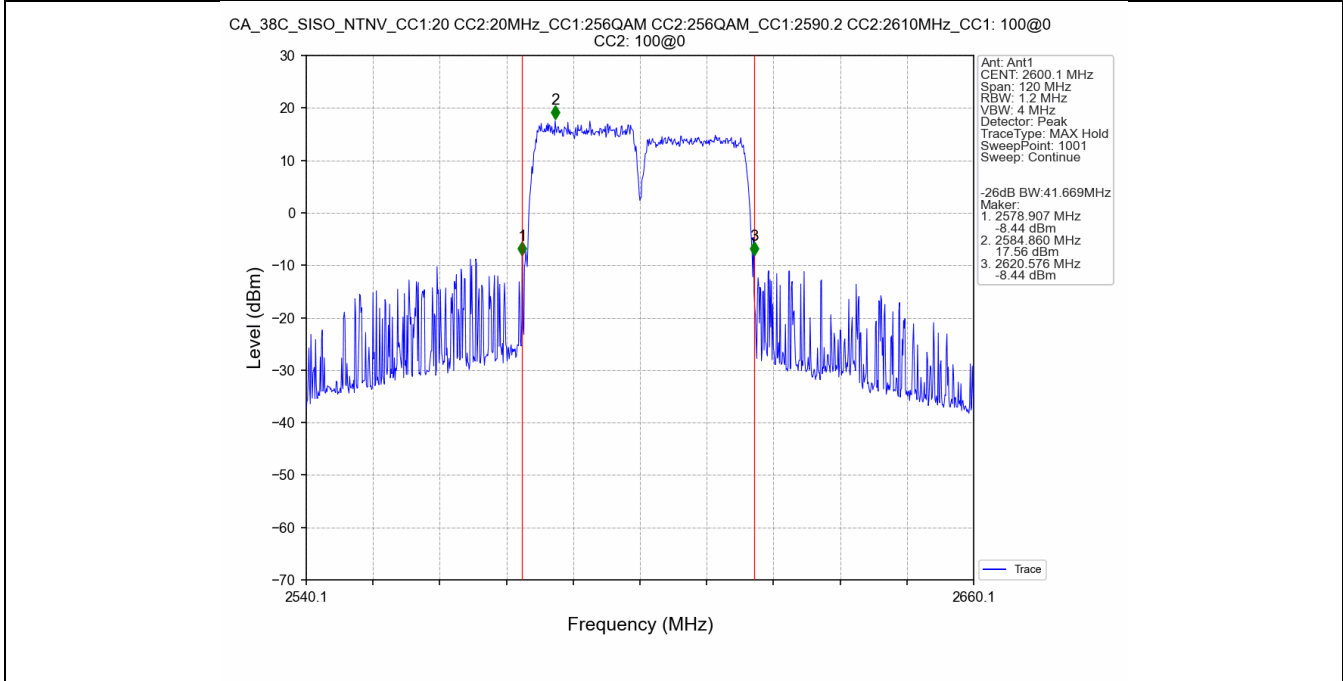
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



3. Spurious Emission

3.1 Test Result

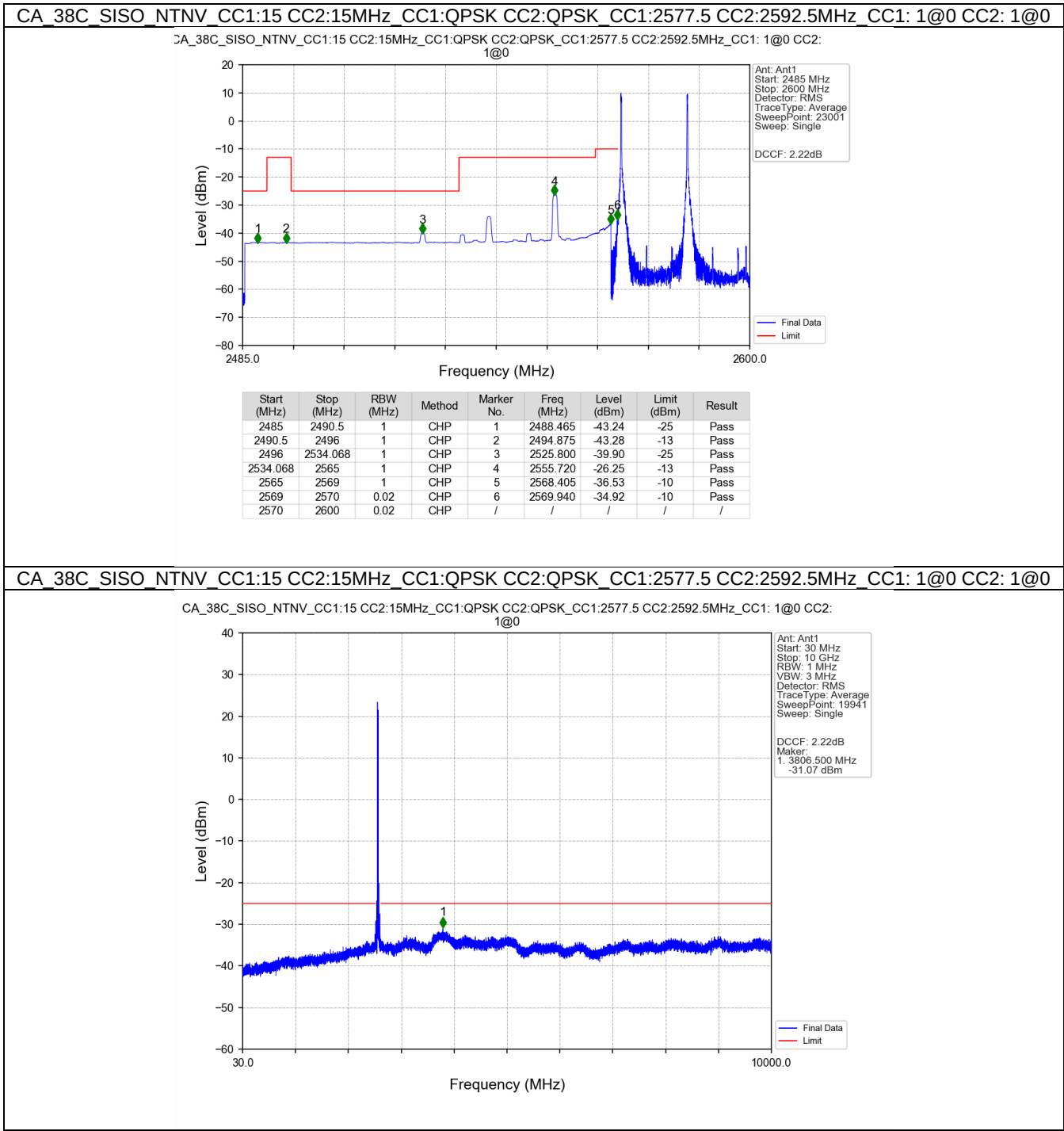
3.1.1 CA_38C_NTNV

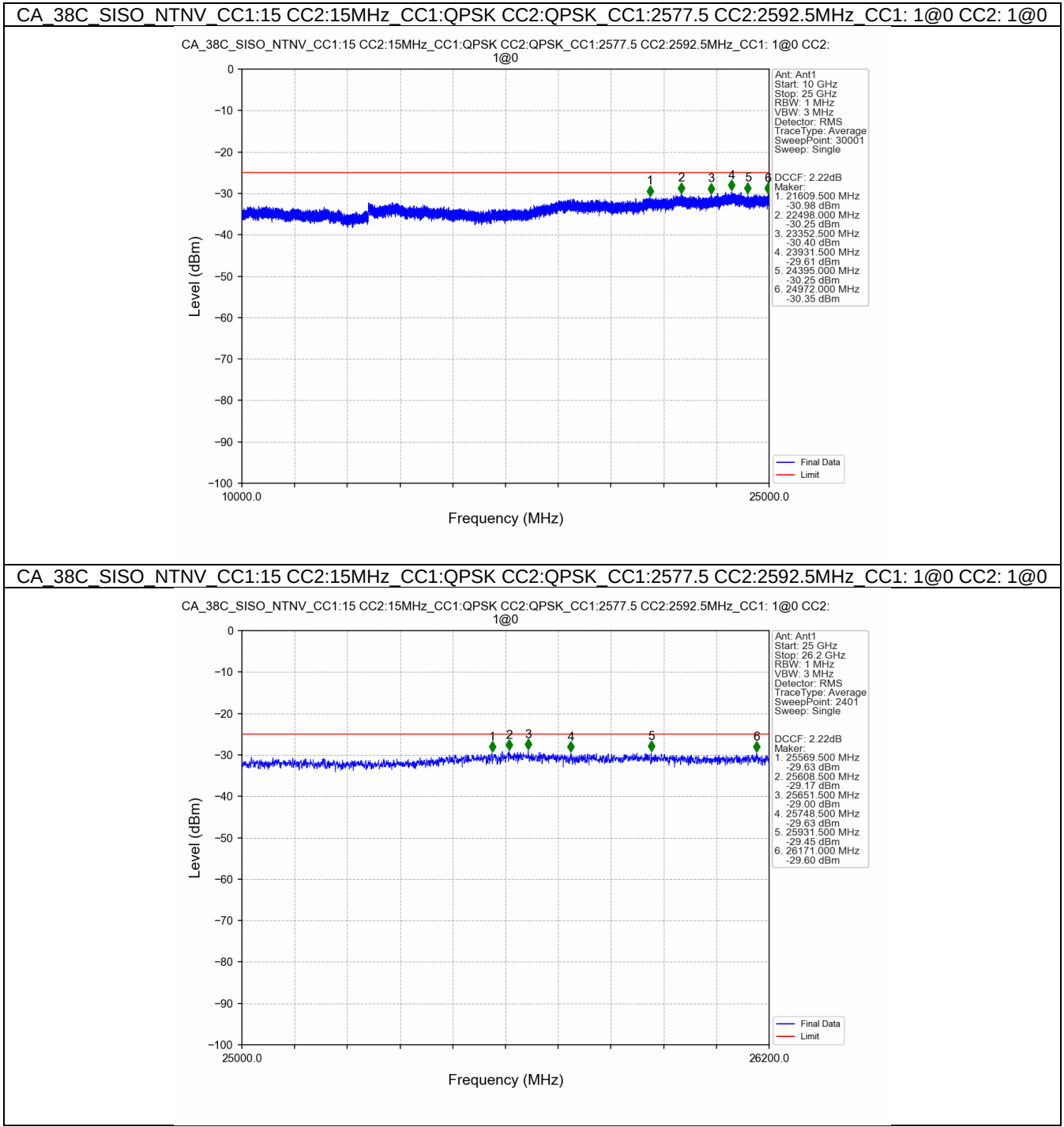
Band: CA_38C / NTN								
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
				CC1	CC2	Sum	Limit	
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:2577.5 CC2:2592.5	CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
		CC1:2597.5 CC2:2612.5	CC1: 75@0	Refer To Test Graph				Pass
			CC2: 75@0					
			CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
		CC1:2597.5 CC2:2612.5	CC1: 75@0	Refer To Test Graph				Pass
			CC2: 75@0					
			CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
		CC1:2597.5 CC2:2612.5	CC1: 75@0	Refer To Test Graph				Pass
			CC2: 75@0					
			CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
	CC1: 256QAM CC2: 256QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
		CC1:2597.5 CC2:2612.5	CC1: 75@0	Refer To Test Graph				Pass
			CC2: 75@0					
			CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
		CC1:2590.2 CC2:2610	CC1: 100@0	Refer To Test Graph				Pass
			CC2: 100@0					
			CC1: 1@0	Refer To Test Graph				Pass
			CC2: 1@0					
	CC1: 16QAM	CC1:2580 CC2:2599.8	CC1: 1@99	Refer To Test Graph				Pass
			CC2: 1@99					

	CC2: 16QAM		CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@99	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@99	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 1@0	Refer To Test Graph	Pass
			CC1: 1@99 CC2: 1@99	Refer To Test Graph	Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph	Pass

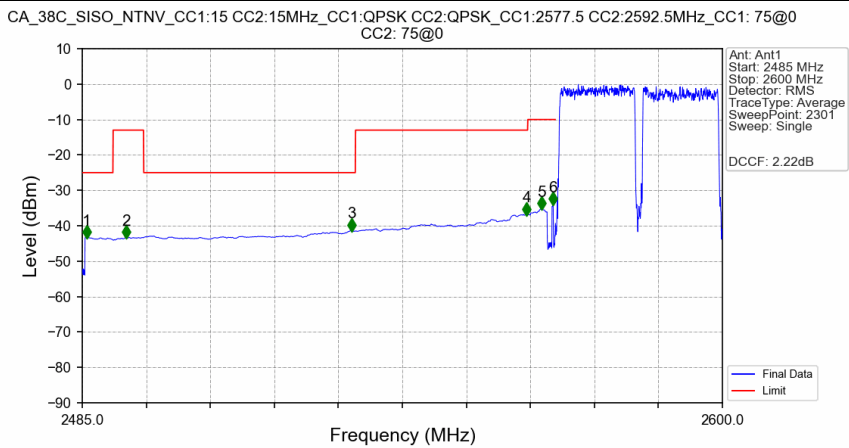
3.2 Test Graph

3.2.1 CA_38C_NTNV



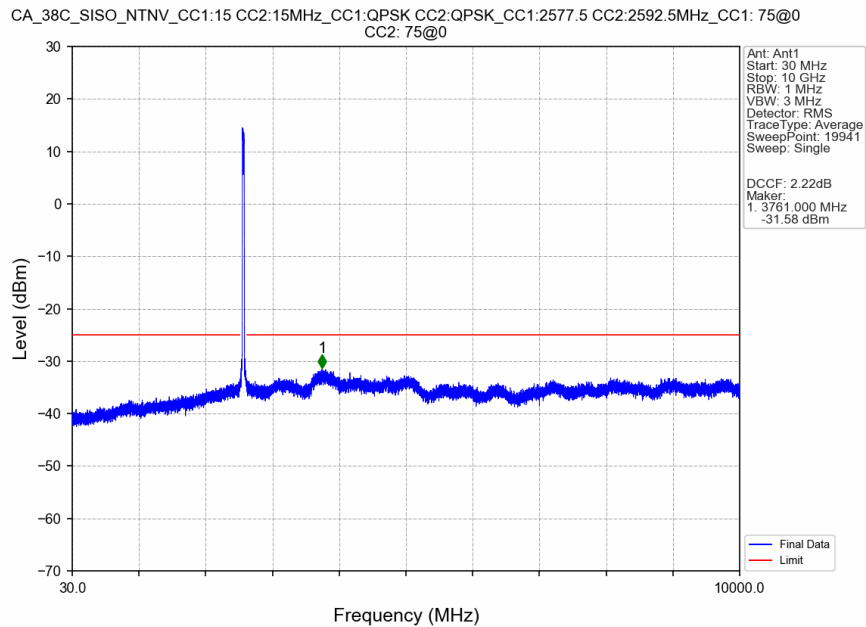


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0

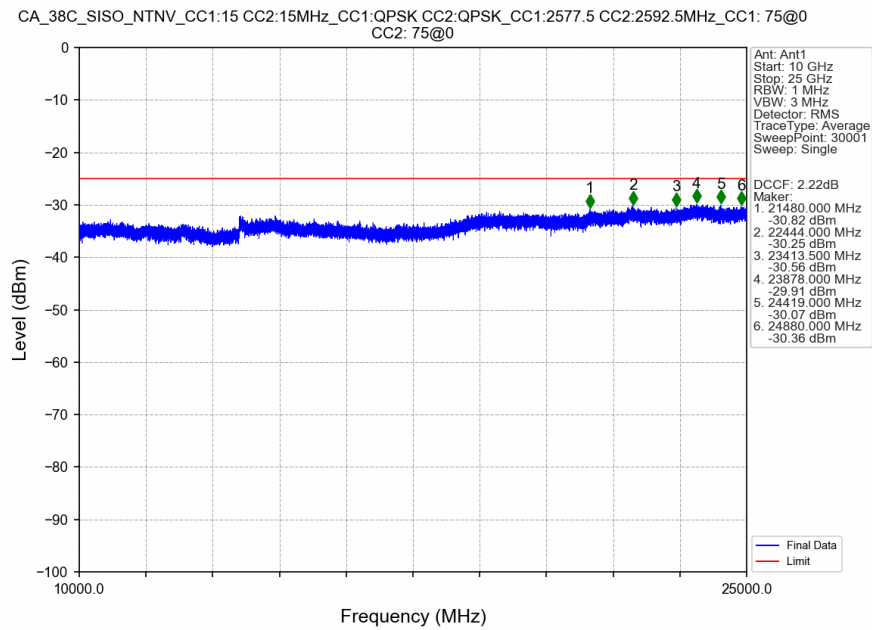


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.800	-43.30	-25	Pass
2490.5	2496	1	CHP	2	2492.850	-43.30	-13	Pass
2496	2534.068	1	CHP	3	2533.400	-41.32	-25	Pass
2534.068	2565	1	CHP	4	2564.850	-36.81	-13	Pass
2565	2569	1	CHP	5	2567.450	-35.20	-10	Pass
2569	2570	0.719	CHP	6	2569.600	-33.88	-10	Pass
2570	2600	0.1	/	/	/	/	/	/

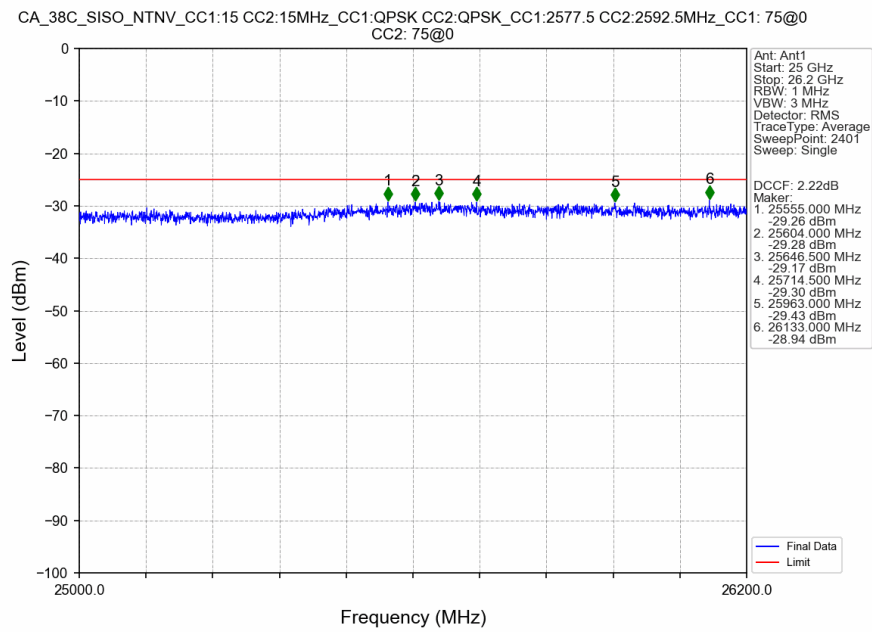
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



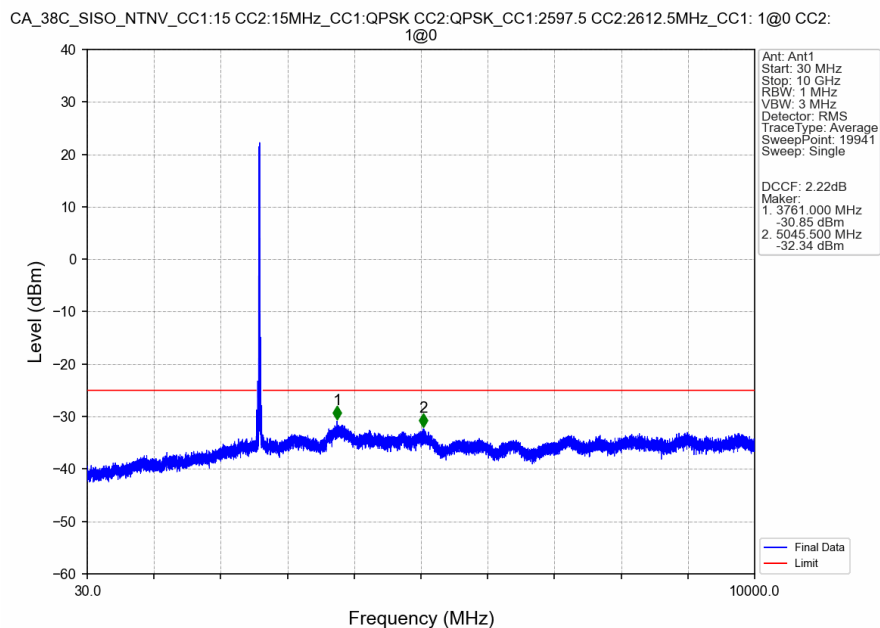
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



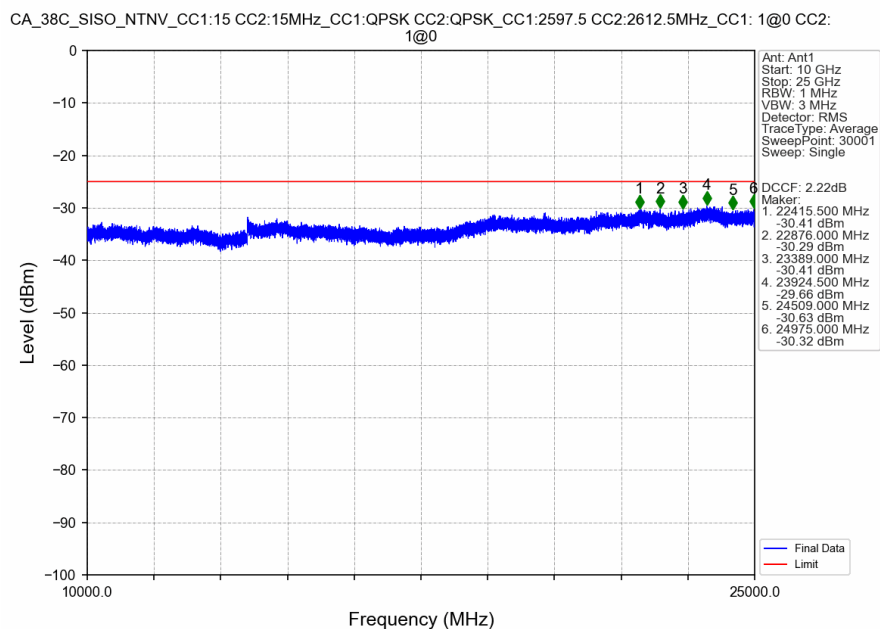
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



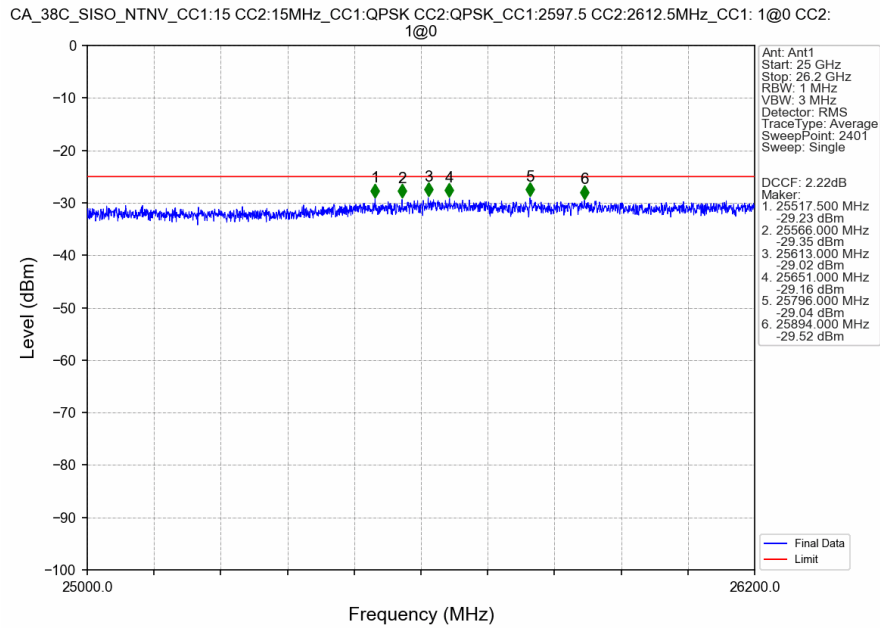
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0



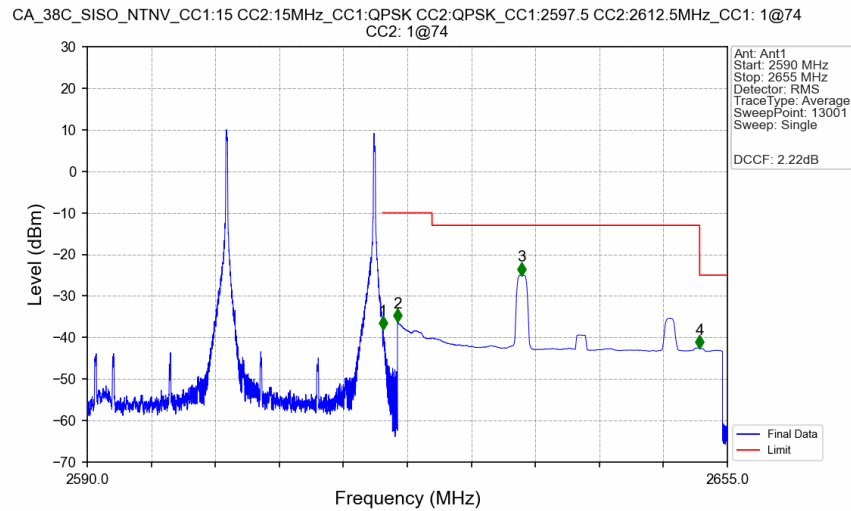
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0

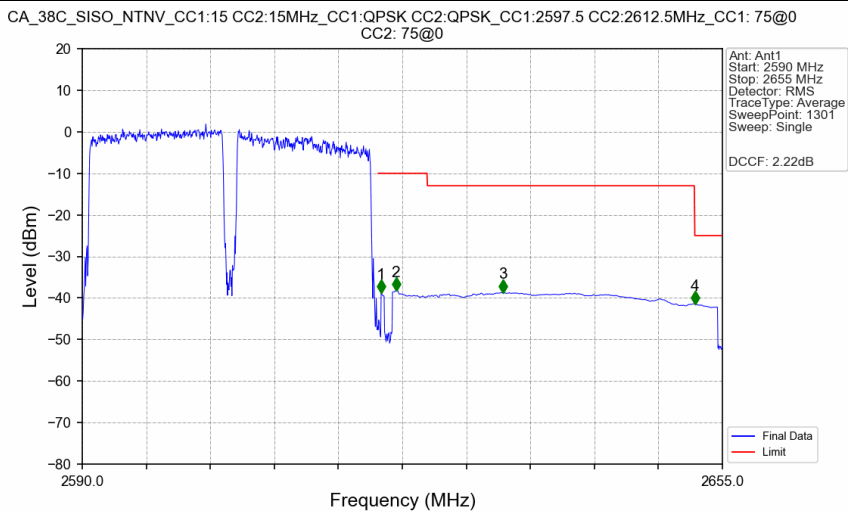


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@74 CC2: 1@74



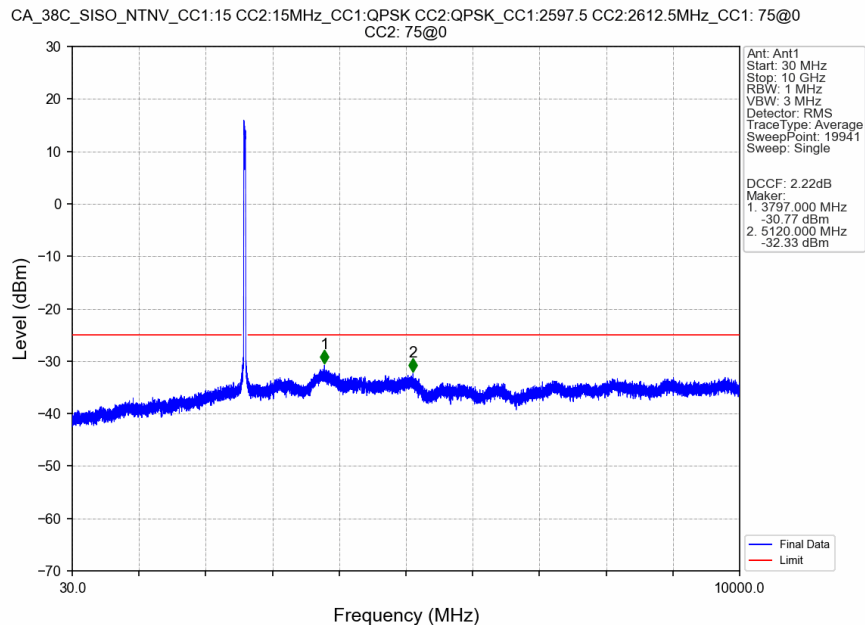
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.045	-38.07	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.28	-10	Pass
2625	2652.175	1	CHP	3	2634.090	-25.05	-13	Pass
2652.175	2655	1	CHP	4	2652.180	-42.63	-25	Pass

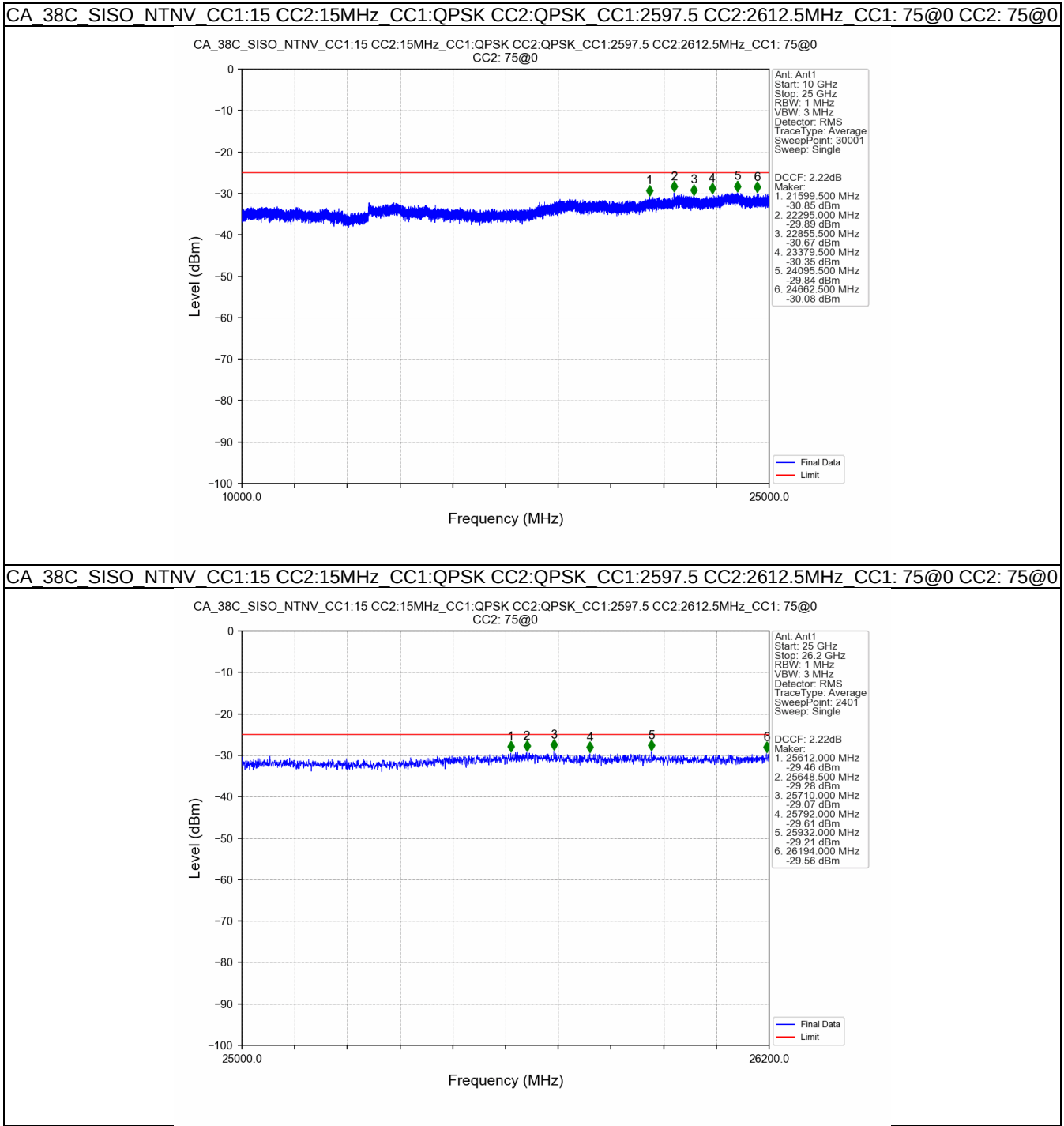
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



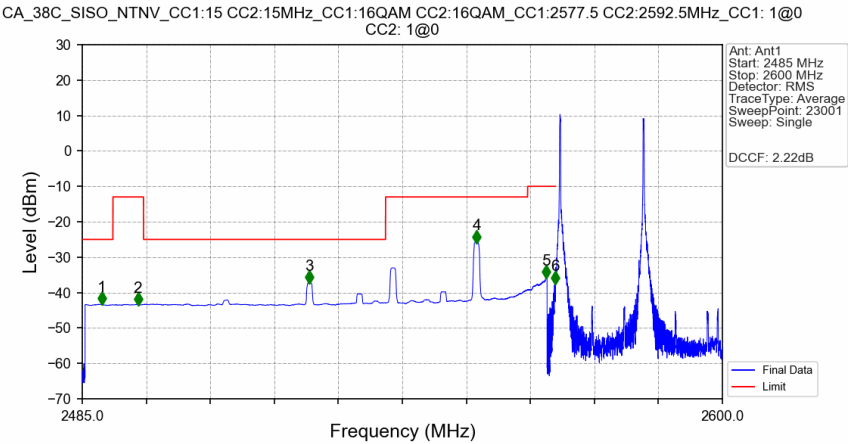
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.1	/	/	/	/	/	/
2620	2621	0.644	CHP	1	2620.350	-38.80	-10	Pass
2621	2625	1	CHP	2	2621.850	-38.23	-10	Pass
2625	2652.175	1	CHP	3	2632.700	-38.69	-13	Pass
2652.175	2655	1	CHP	4	2652.200	-41.44	-25	Pass

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



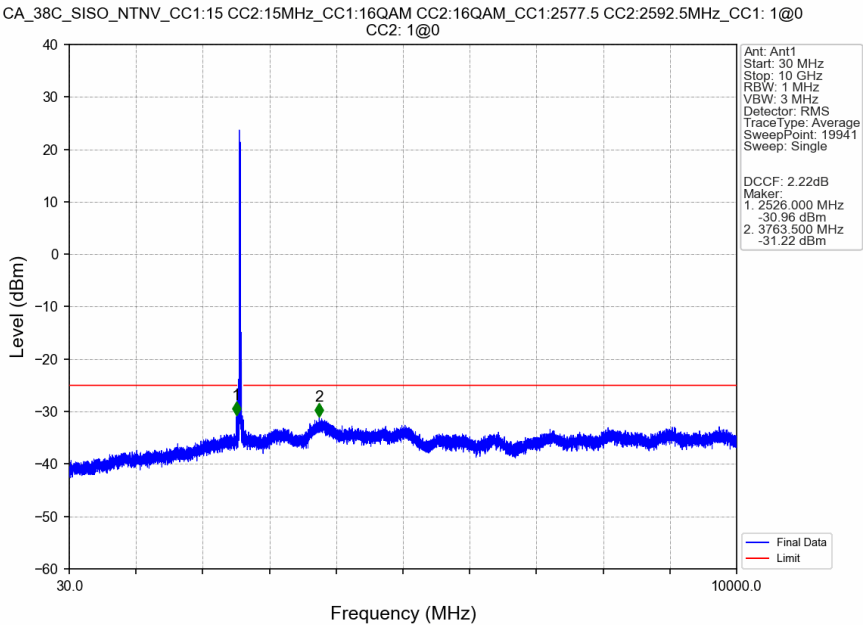


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0

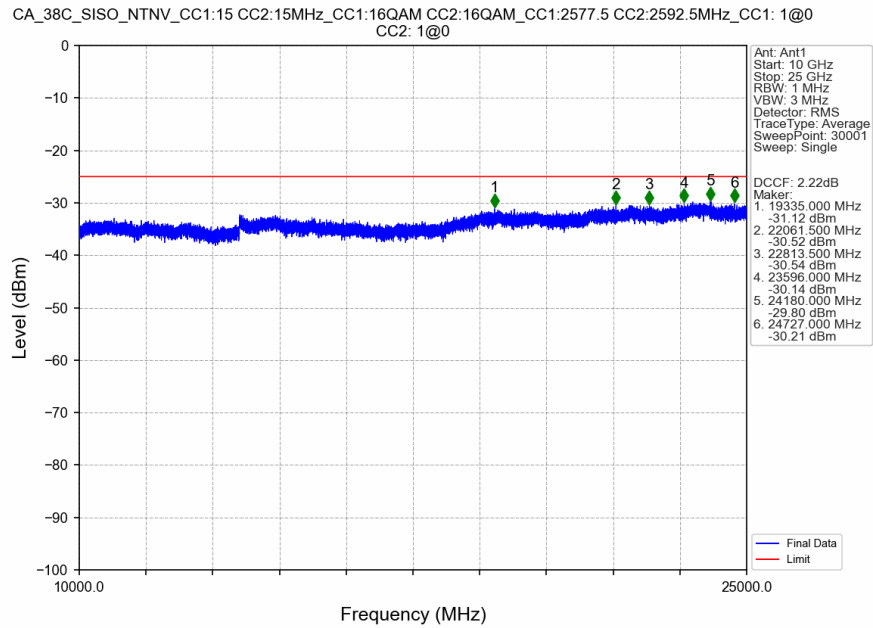


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.475	-43.26	-25	Pass
2490.5	2496	1	CHP	2	2495.000	-43.35	-13	Pass
2496	2539.475	1	CHP	3	2525.795	-37.25	-25	Pass
2539.475	2565	1	CHP	4	2555.880	-25.79	-13	Pass
2565	2569	1	CHP	5	2568.375	-35.68	-10	Pass
2569	2570	0.02	CHP	6	2569.915	-37.29	-10	Pass
2570	2600	0.02	CHP	/	/	/	/	/

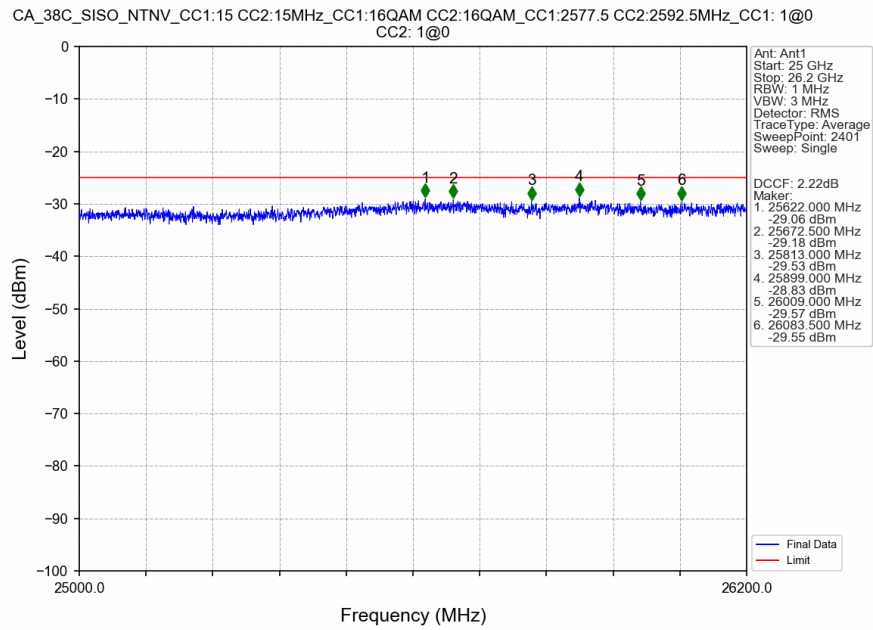
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0

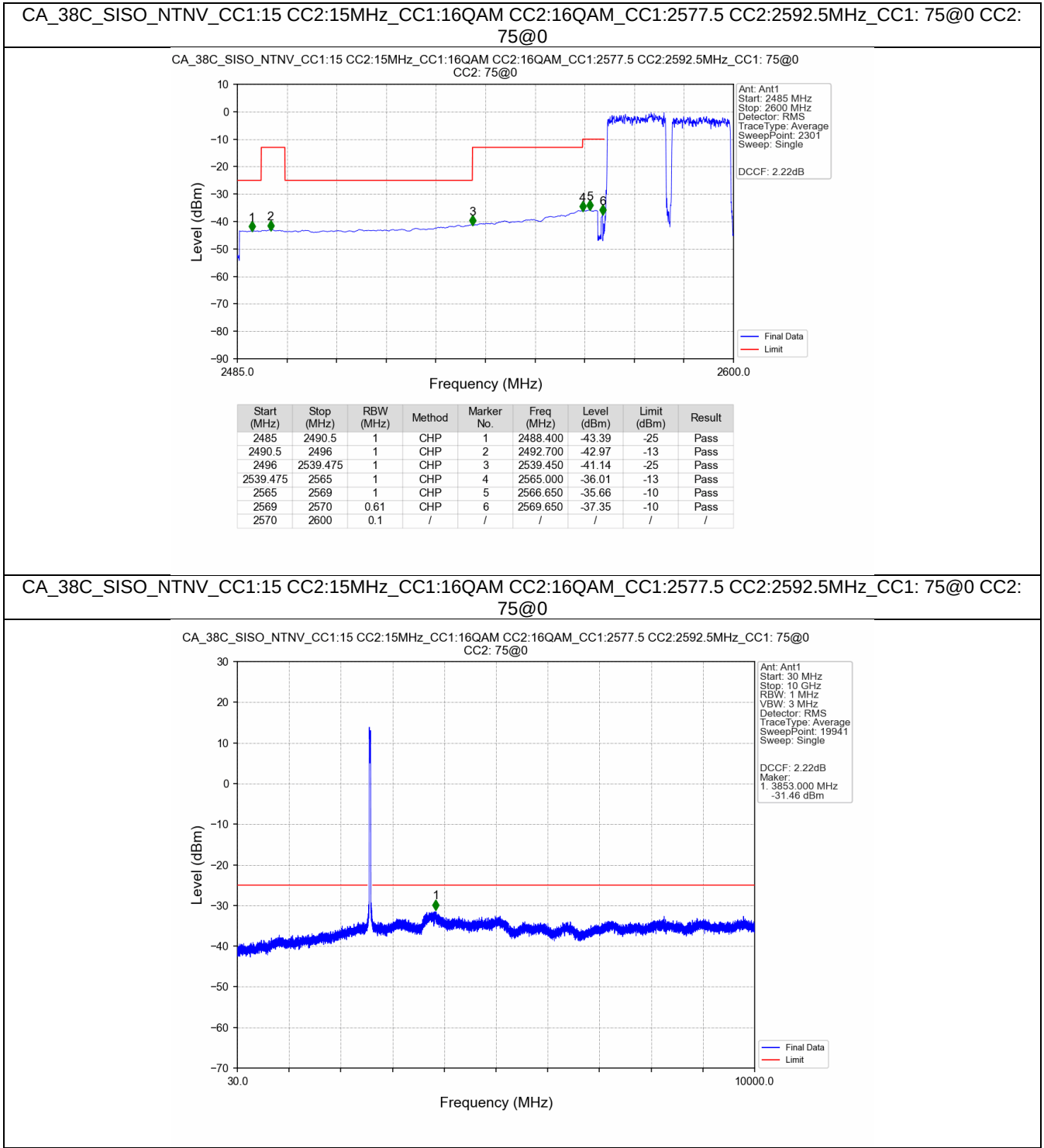


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0

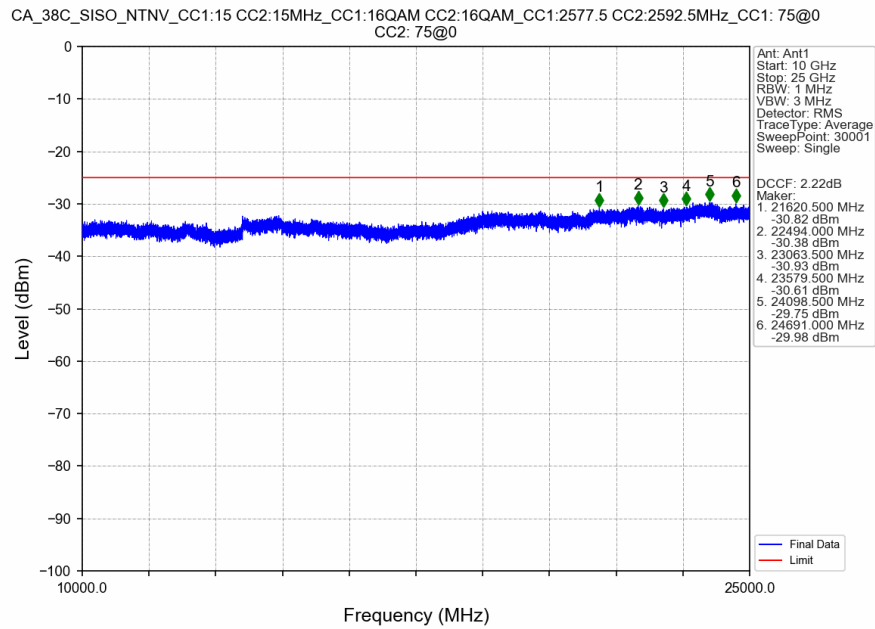


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0

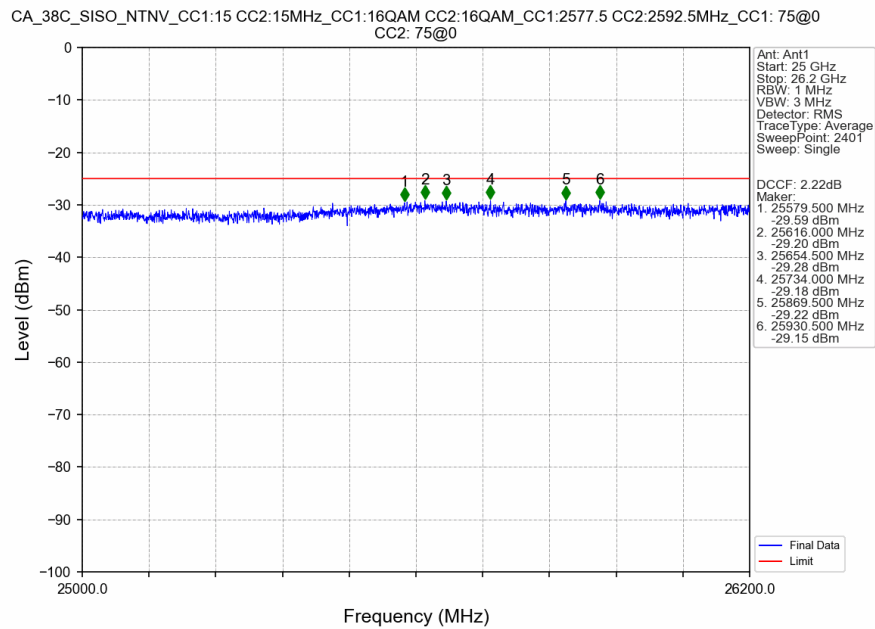




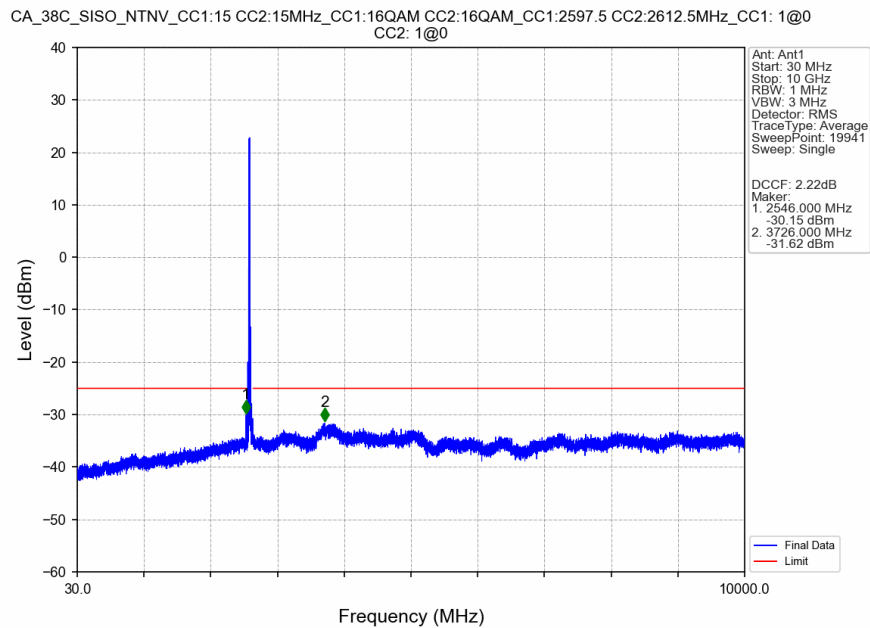
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2:
75@0



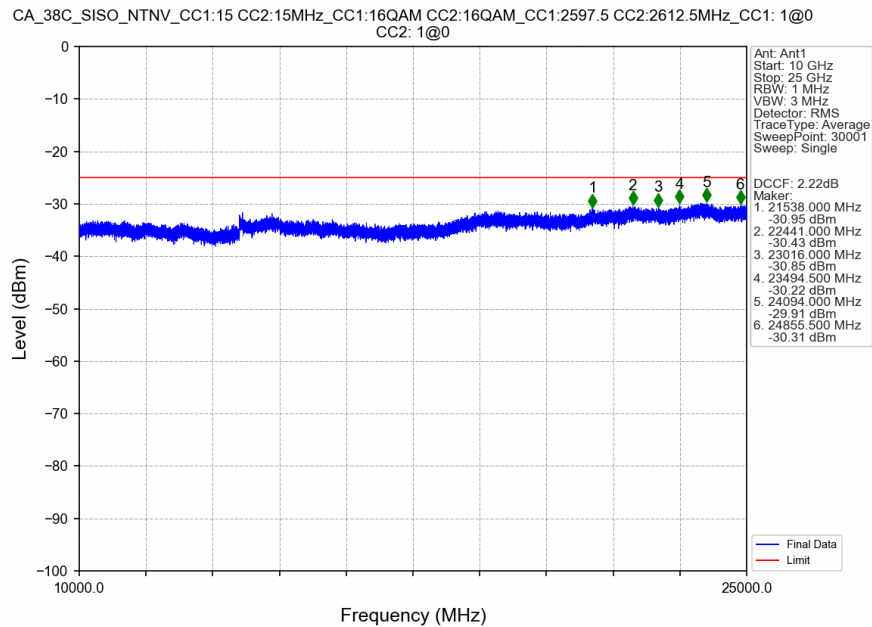
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2:
75@0



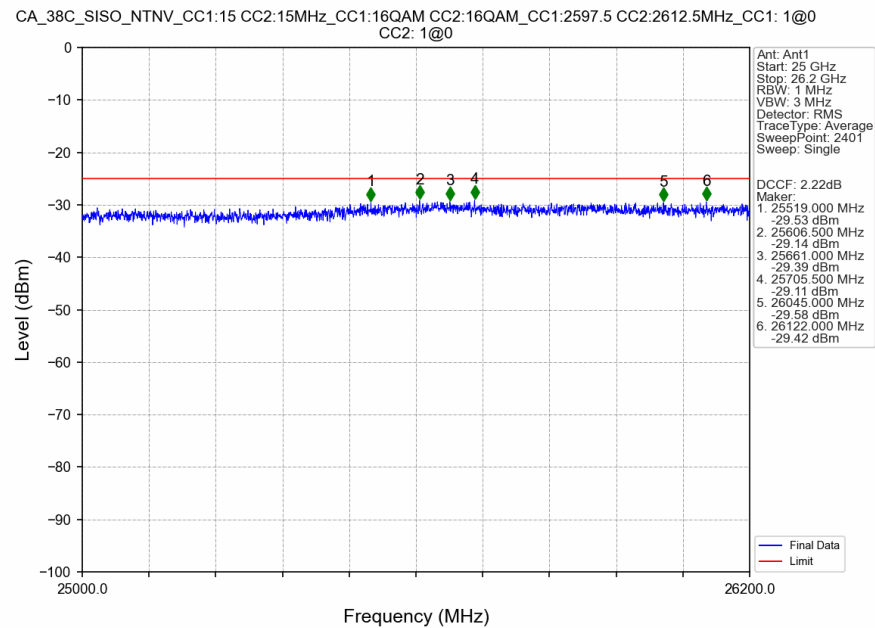
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0



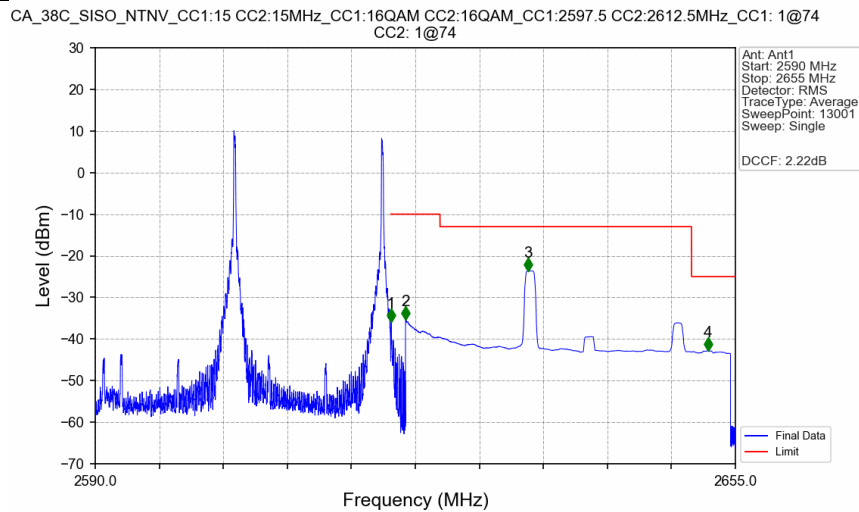
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0

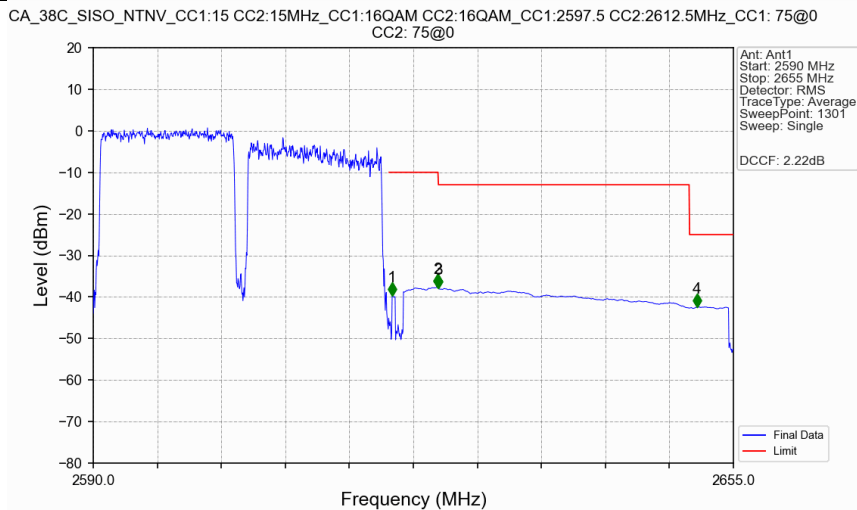


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 1@74 CC2: 1@74



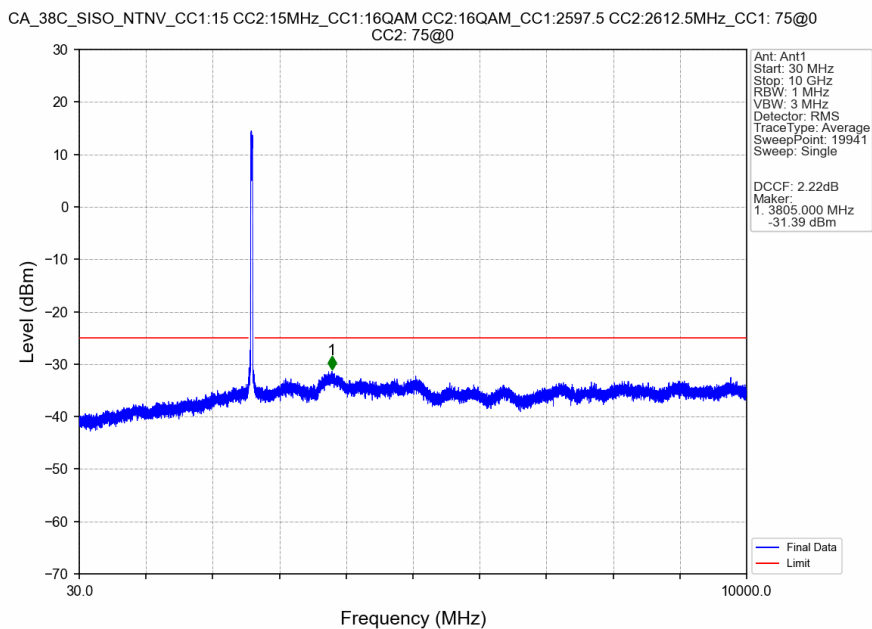
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.045	-35.93	-10	Pass
2621	2625	1	CHP	2	2621.500	-35.34	-10	Pass
2625	2650.54	1	CHP	3	2633.960	-23.64	-13	Pass
2650.54	2655	1	CHP	4	2652.230	-42.87	-25	Pass

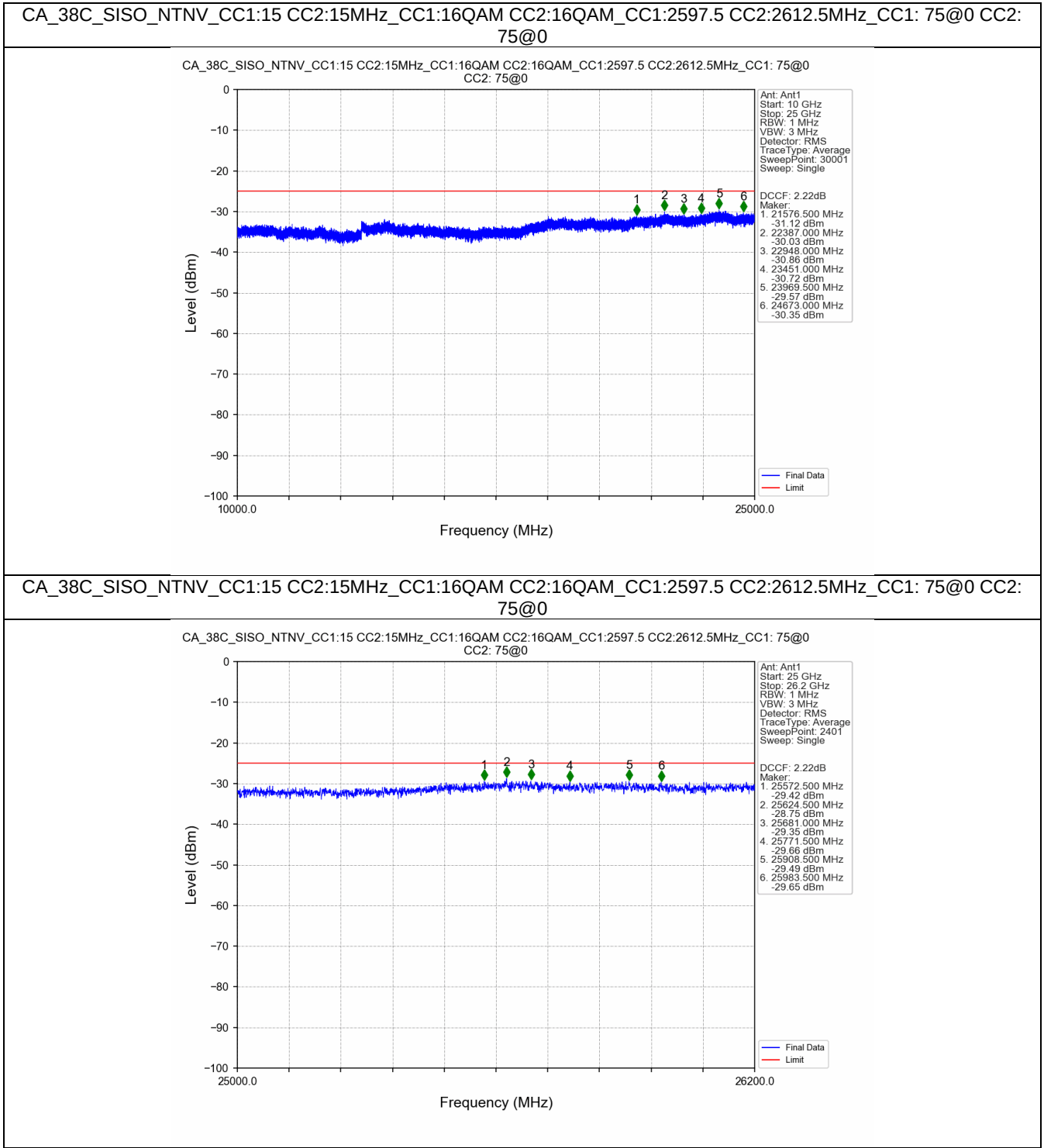
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2:
75@0



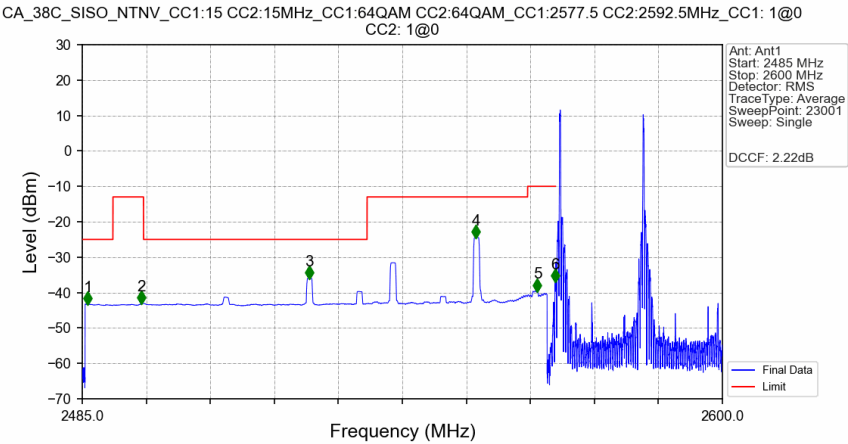
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.1	/	/	/	/	/	/
2620	2621	0.611	CHP	1	2620.350	-39.64	-10	Pass
2621	2625	1	CHP	2	2624.950	-37.68	-10	Pass
2625	2650.54	1	CHP	3	2625.050	-37.94	-13	Pass
2650.54	2655	1	CHP	4	2651.300	-42.41	-25	Pass

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0





CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.005	-43.24	-25	Pass
2490.5	2496	1	CHP	2	2495.650	-43.05	-13	Pass
2496	2536.155	1	CHP	3	2525.840	-35.94	-25	Pass
2536.155	2565	1	CHP	4	2555.745	-24.43	-13	Pass
2565	2569	1	CHP	5	2566.750	-39.48	-10	Pass
2569	2570	0.02	CHP	6	2569.980	-36.75	-10	Pass
2570	2600	0.02	CHP	/	/	/	/	/

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0

