

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	19.67	-33.53	19.67	-2.51	17.16	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	16.84	16.82	19.84	-2.51	17.33	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	13.20	13.19	16.21	-2.51	13.70	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	15.75	15.74	18.76	-2.51	16.25	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	14.73	14.72	17.74	-2.51	15.23	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	19.73	-34.00	19.73	-2.51	17.22	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	17.16	16.62	19.91	-2.51	17.40	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	13.48	13.01	16.26	-2.51	13.75	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	15.86	15.72	18.80	-2.51	16.29	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	14.90	14.61	17.76	-2.51	15.25	<=33.01	Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	19.76	-34.19	19.76	-2.51	17.25	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	16.14	17.49	19.88	-2.51	17.37	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	13.58	12.91	16.27	-2.51	13.76	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	15.93	15.67	18.82	-2.51	16.31	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	15.02	14.56	17.80	-2.51	15.29	<=33.01	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	18.81	-34.01	18.81	-2.51	16.30	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	15.84	15.79	18.83	-2.51	16.32	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	13.16	13.14	16.16	-2.51	13.65	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	14.76	14.74	17.76	-2.51	15.25	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	13.22	14.21	16.75	-2.51	14.24	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	18.87	-34.44	18.87	-2.51	16.36	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	15.65	16.20	18.94	-2.51	16.43	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	13.46	12.99	16.24	-2.51	13.73	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	14.84	14.71	17.78	-2.51	15.27	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	13.95	13.65	16.81	-2.51	14.30	<=33.01	Pass

		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	11.58	-41.62	11.58	-2.51	9.07	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	9.64	9.55	12.61	-2.51	10.10	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	7.28	6.53	9.93	-2.51	7.42	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	8.68	8.15	11.43	-2.51	8.92	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	7.72	7.18	10.47	-2.51	7.96	<=33.01	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	18.55	-34.21	18.55	-2.51	16.04	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	13.60	13.43	16.53	-2.51	14.02	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	13.18	13.17	16.19	-2.51	13.68	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	13.76	13.73	16.75	-2.51	14.24	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	13.75	13.74	16.75	-2.51	14.24	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	17.47	-36.58	17.47	-2.51	14.96	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	13.23	13.80	16.54	-2.51	14.03	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	13.49	13.01	16.26	-2.51	13.75	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	13.88	13.74	16.82	-2.51	14.31	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	13.96	13.66	16.82	-2.51	14.31	<=33.01	Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	17.48	-36.65	17.48	-2.51	14.97	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	13.56	13.50	16.54	-2.51	14.03	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	13.59	12.92	16.28	-2.51	13.77	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	13.94	13.68	16.82	-2.51	14.31	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	14.11	13.57	16.86	-2.51	14.35	<=33.01	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	14.60	-37.27	14.60	-2.51	12.09	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	11.71	11.67	14.70	-2.51	12.19	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	11.28	11.17	14.24	-2.51	11.73	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	11.84	11.76	14.81	-2.51	12.30	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	11.77	11.76	14.77	-2.51	12.26	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	14.66	-37.36	14.66	-2.51	12.15	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	11.74	11.75	14.76	-2.51	12.25	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	11.55	11.07	14.33	-2.51	11.82	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	11.92	11.78	14.86	-2.51	12.35	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	11.96	11.66	14.83	-2.51	12.32	<=33.01	Pass
		CC1:2597.5	CC1: 1@0	14.68	-37.74	14.68	-2.51	12.17	<=33.01	Pass

		CC2:2612.5	CC2: 0@0							
			CC1: 1@74 CC2: 1@0	11.76	11.70	14.74	-2.51	12.23	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	11.71	10.95	14.35	-2.51	11.84	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	11.99	11.73	14.87	-2.51	12.36	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	12.07	11.61	14.86	-2.51	12.35	<=33.01	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	13.18	-40.35	13.18	-2.51	10.67	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	9.93	9.97	12.96	-2.51	10.45	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	6.72	6.30	9.53	-2.51	7.02	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	9.10	8.92	12.02	-2.51	9.51	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	8.15	7.86	11.02	-2.51	8.51	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	19.66	-32.21	19.66	-2.51	17.15	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	16.72	16.71	19.73	-2.51	17.22	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	13.54	12.91	16.25	-2.51	13.74	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	15.93	15.74	18.84	-2.51	16.33	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	14.94	14.53	17.75	-2.51	15.24	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	19.74	-32.40	19.74	-2.51	17.23	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	15.70	17.59	19.75	-2.51	17.24	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	13.63	12.86	16.27	-2.51	13.76	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	15.98	15.67	18.84	-2.51	16.33	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	15.05	14.52	17.80	-2.51	15.29	<=33.01	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	18.83	-32.14	18.83	-2.51	16.32	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	15.33	16.32	18.86	-2.51	16.35	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	13.44	13.09	16.28	-2.51	13.77	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	14.92	14.82	17.88	-2.51	15.37	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	13.91	13.68	16.80	-2.51	14.29	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	18.77	-31.68	18.77	-2.51	16.26	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	15.89	15.88	18.89	-2.51	16.38	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	13.60	12.97	16.31	-2.51	13.80	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	14.96	14.76	17.87	-2.51	15.36	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	13.91	13.62	16.78	-2.51	14.27	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	18.87	-31.80	18.87	-2.51	16.36	<=33.01	Pass

			CC1: 1@99 CC2: 1@0	15.94	15.86	18.91	-2.51	16.40	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	13.67	12.90	16.31	-2.51	13.80	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	15.03	14.72	17.89	-2.51	15.38	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	14.09	13.55	16.84	-2.51	14.33	<=33.01	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	18.53	-31.77	18.53	-2.51	16.02	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	13.01	13.93	16.50	-2.51	13.99	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	13.07	13.26	16.18	-2.51	13.67	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	13.84	13.77	16.81	-2.51	14.30	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	13.93	13.67	16.81	-2.51	14.30	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	17.38	-33.81	17.38	-2.51	14.87	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	13.47	13.46	16.47	-2.51	13.96	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	13.57	12.94	16.28	-2.51	13.77	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	13.95	13.75	16.86	-2.51	14.35	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	13.89	13.60	16.76	-2.51	14.25	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	17.45	-34.03	17.45	-2.51	14.94	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	13.53	13.45	16.50	-2.51	13.99	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	13.65	12.88	16.29	-2.51	13.78	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	14.00	13.69	16.86	-2.51	14.35	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	14.08	13.54	16.83	-2.51	14.32	<=33.01	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	14.60	-34.64	14.60	-2.51	12.09	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	11.68	11.70	14.70	-2.51	12.19	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	11.51	11.09	14.32	-2.51	11.81	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	11.93	11.82	14.89	-2.51	12.38	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	11.90	11.68	14.80	-2.51	12.29	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	14.58	-34.88	14.58	-2.51	12.07	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	11.69	11.67	14.69	-2.51	12.18	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	11.65	10.95	14.32	-2.51	11.81	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	12.02	11.75	14.90	-2.51	12.39	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	12.00	11.54	14.79	-2.51	12.28	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	14.64	-38.76	14.64	-2.51	12.13	<=33.01	Pass
			CC1: 1@99	11.13	12.22	14.72	-2.51	12.21	<=33.01	Pass

			CC2: 1@0							
			CC1: 50@0 CC2: 50@50	11.71	10.94	14.35	-2.51	11.84	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	12.06	11.75	14.92	-2.51	12.41	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	12.09	11.55	14.84	-2.51	12.33	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain										

2. 99% & 26dB Bandwidth

2.1 Test Result

2.1.1 CA_38C_NTNV_OBW

Band: CA_38C / NTNV						
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	28.57	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.60	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.59	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.53	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.54	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.52	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.52	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.56	/	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.90	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.89	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.86	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.89	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.82	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.85	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.97	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.82	/	Pass

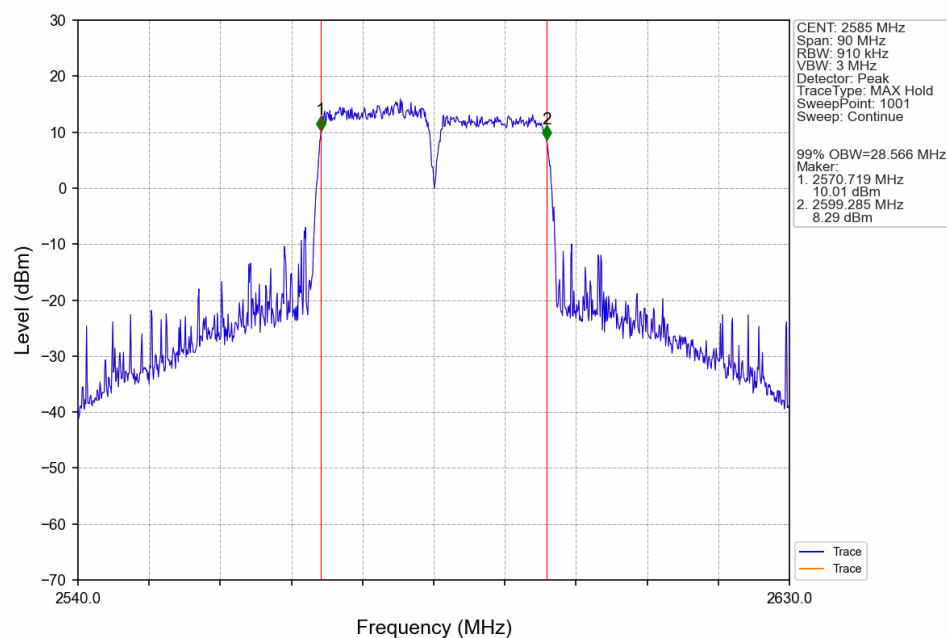
2.1.2 CA_38C_NTNV_XDB

Band: CA_38C / NTN						
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	34.22	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	33.90	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	30.43	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	30.52	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	34.57	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	36.42	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	33.26	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	31.32	/	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	45.55	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	44.02	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	41.76	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	41.95	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	40.41	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	41.23	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	43.45	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	40.41	/	Pass

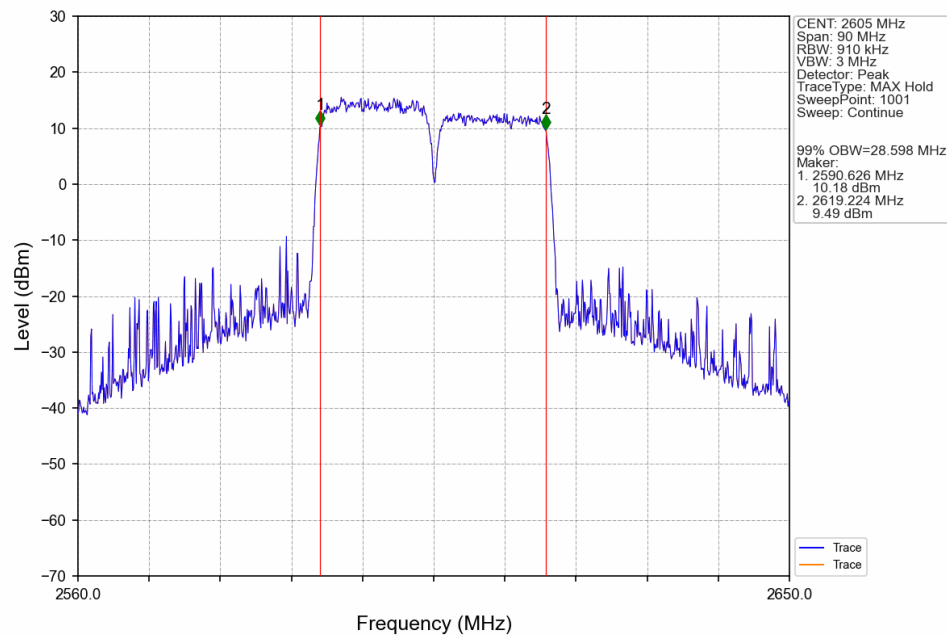
2.2 Test Graph

2.2.1 CA_38C_NTNV_OBW

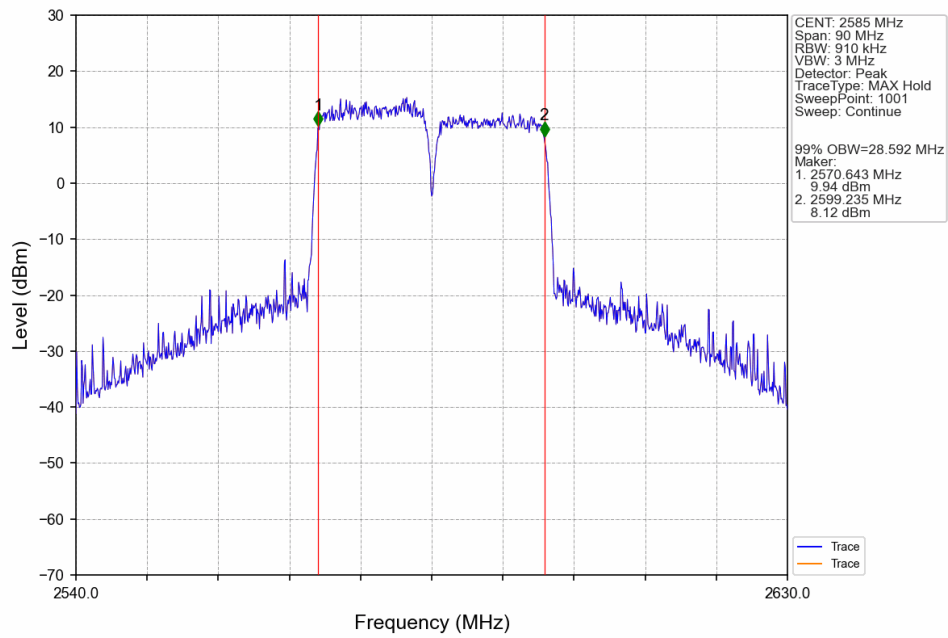
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz CC1:QPSK CC2:QPSK CC1:2577.5 CC2:2592.5MHz CC1: 75@0 CC2: 75@0



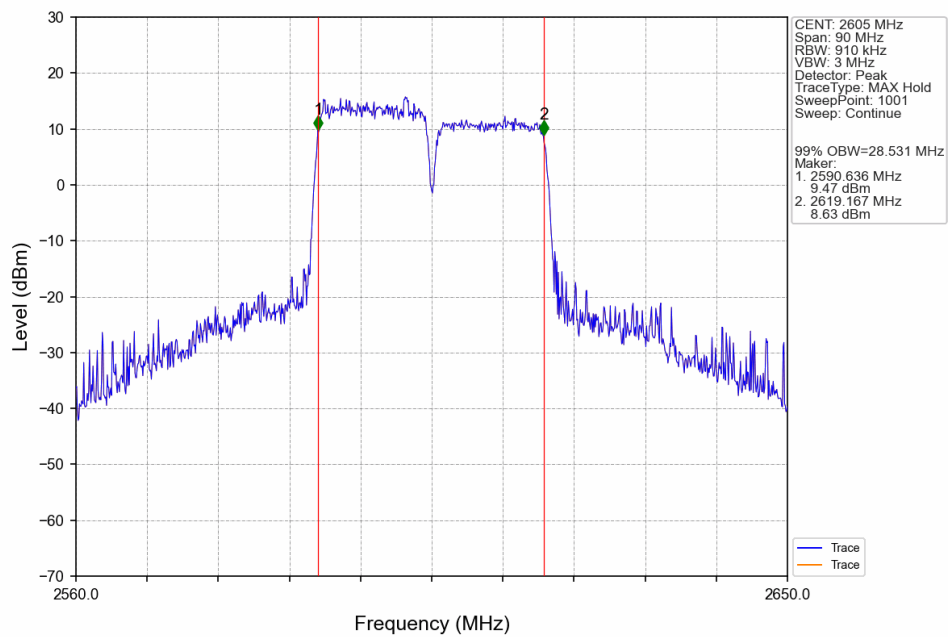
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz CC1:QPSK CC2:QPSK CC1:2597.5 CC2:2612.5MHz CC1: 75@0 CC2: 75@0



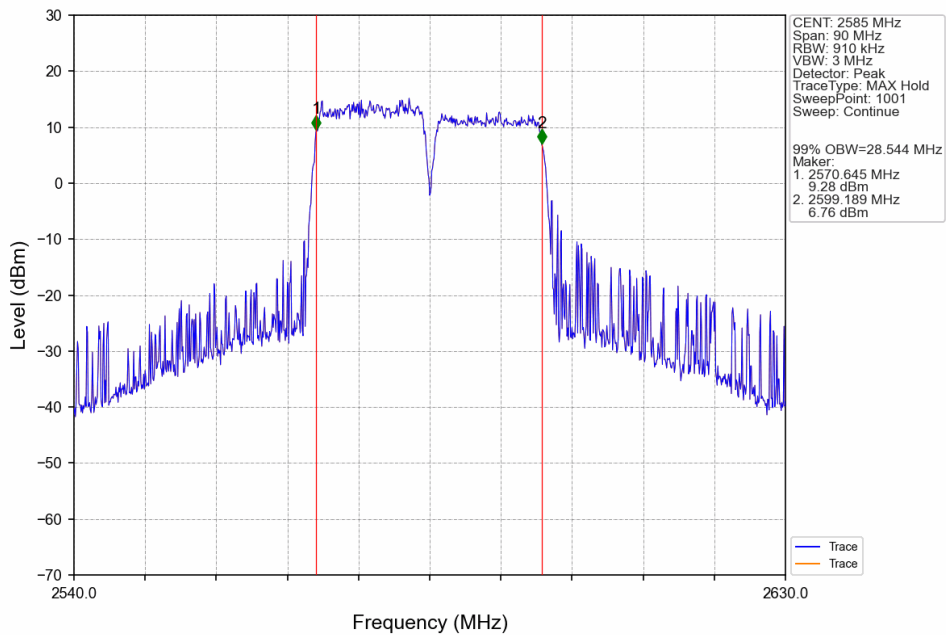
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2:
75@0



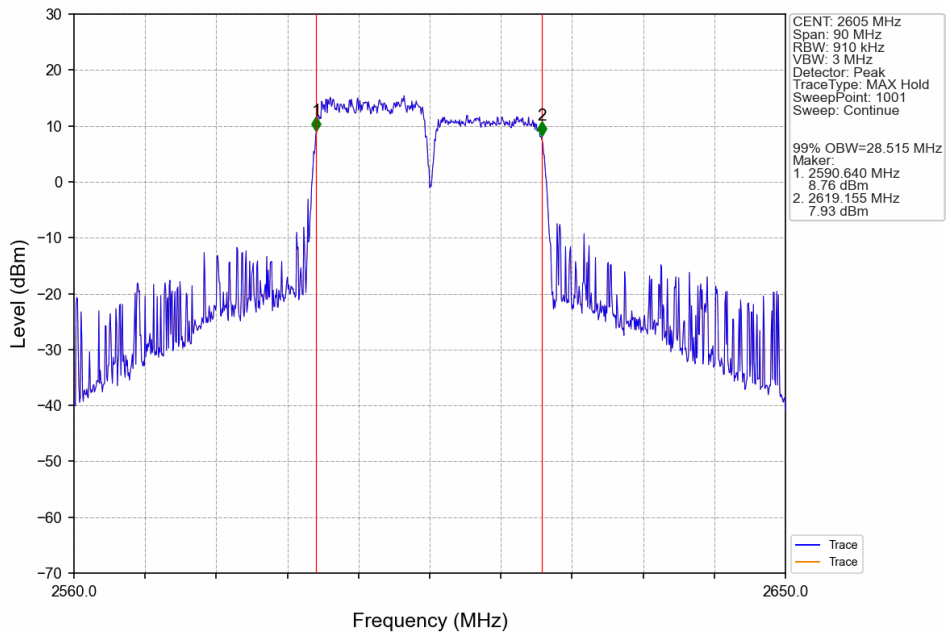
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2:
75@0



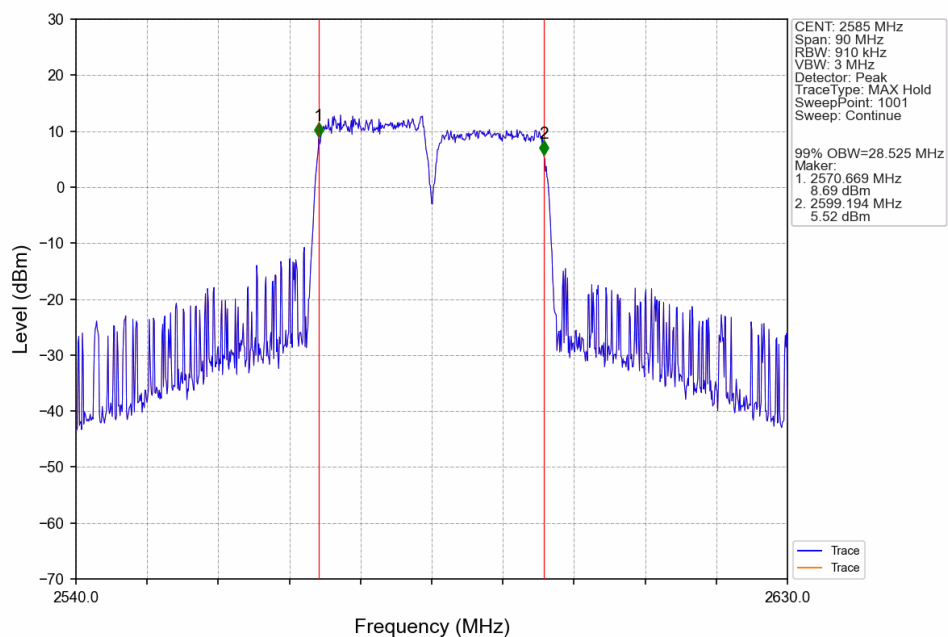
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2:
75@0



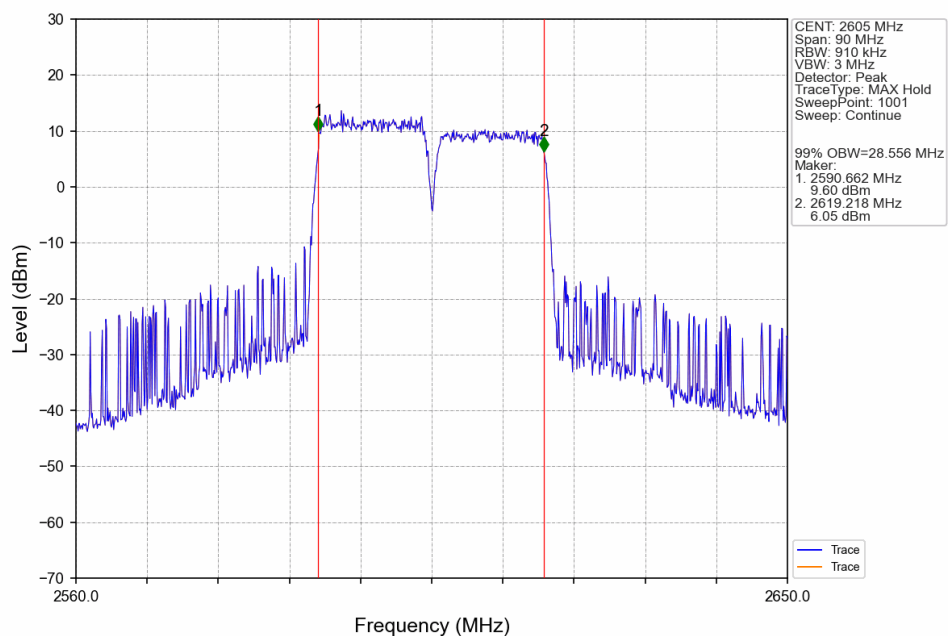
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2:
75@0



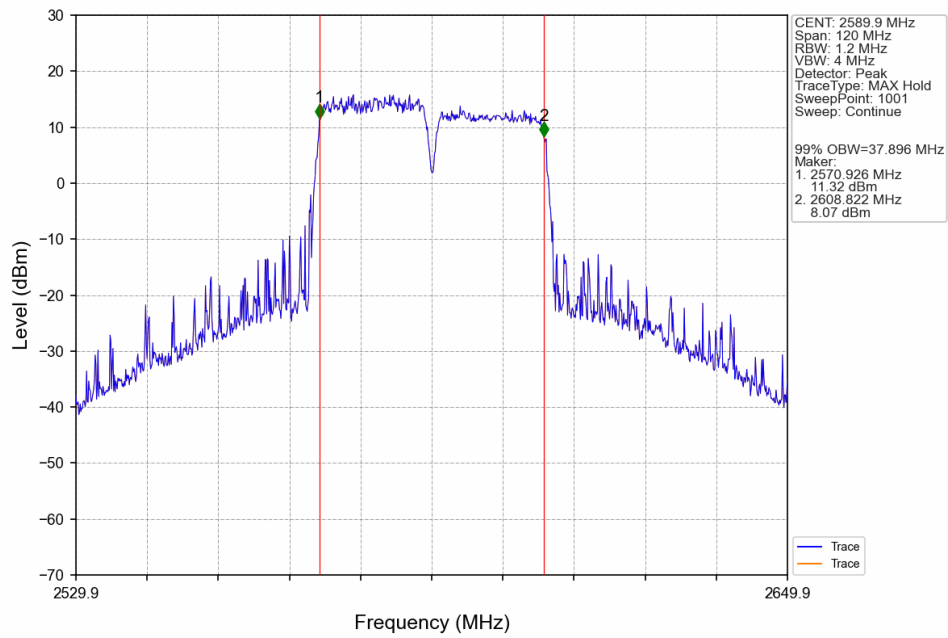
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2:
75@0



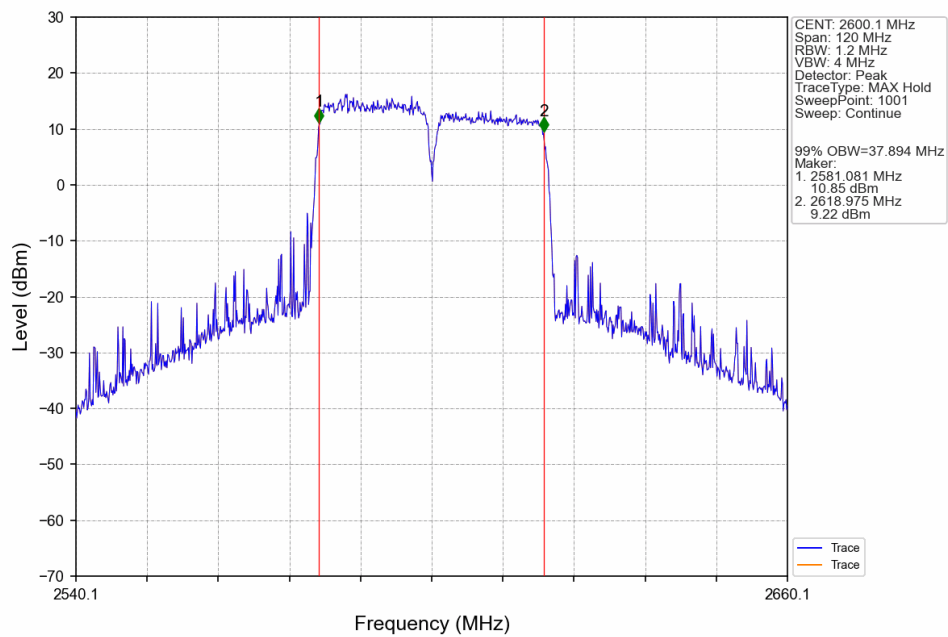
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2:
75@0



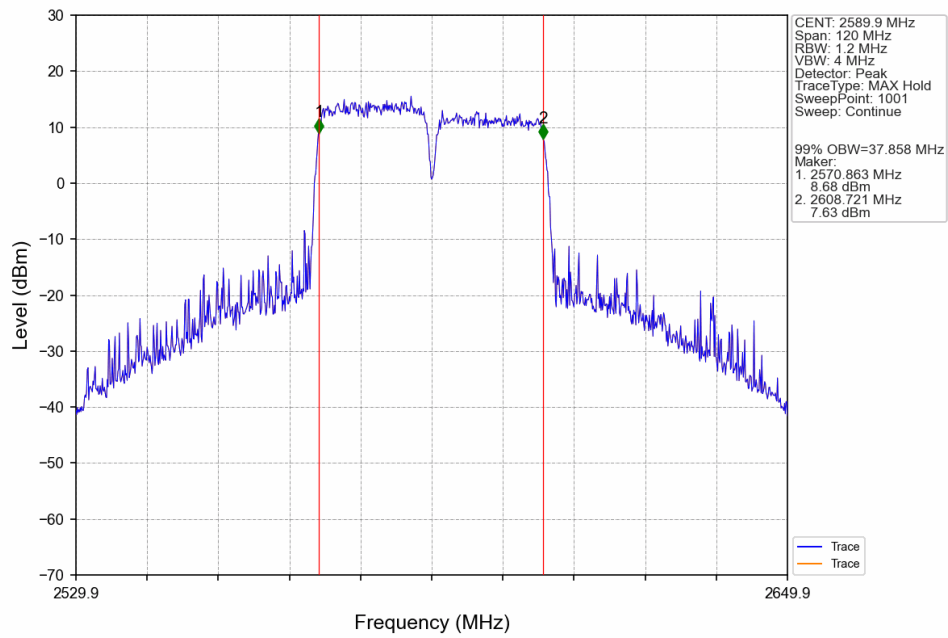
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



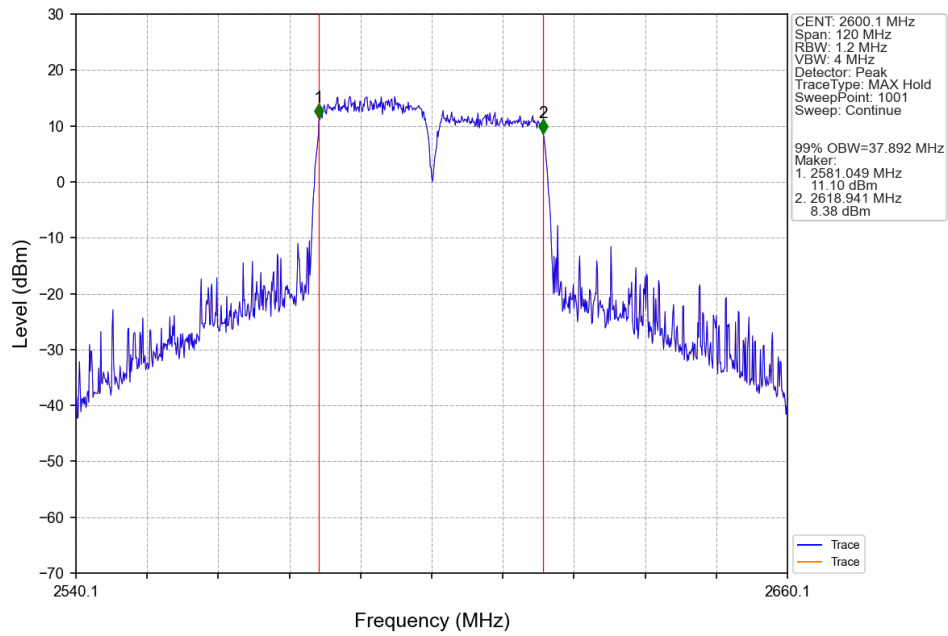
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



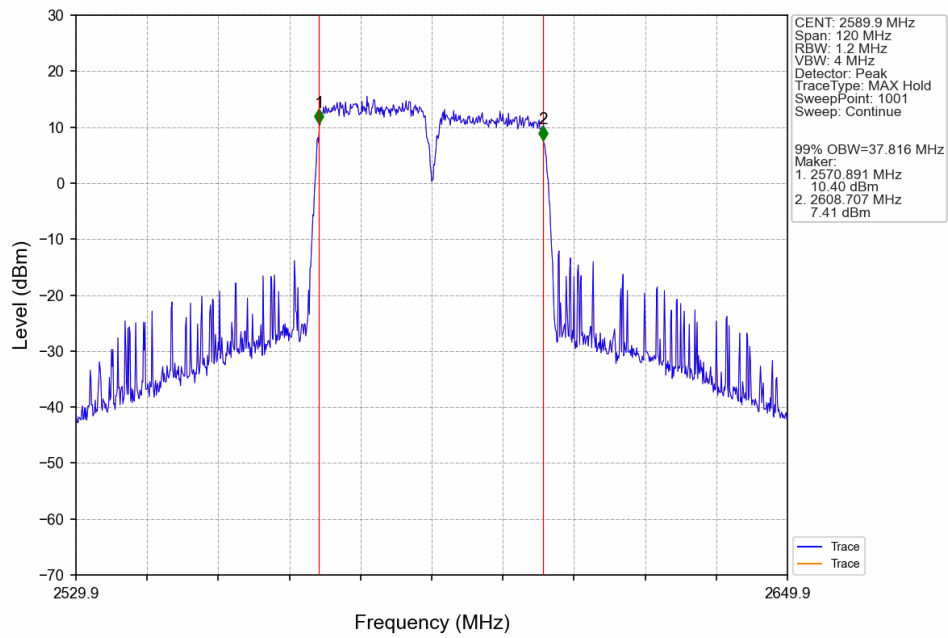
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



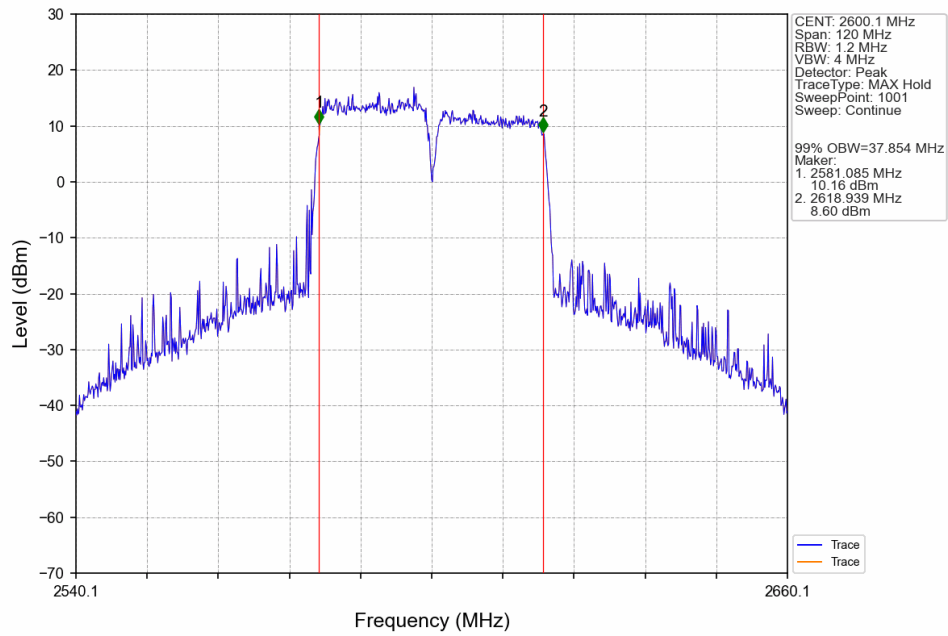
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



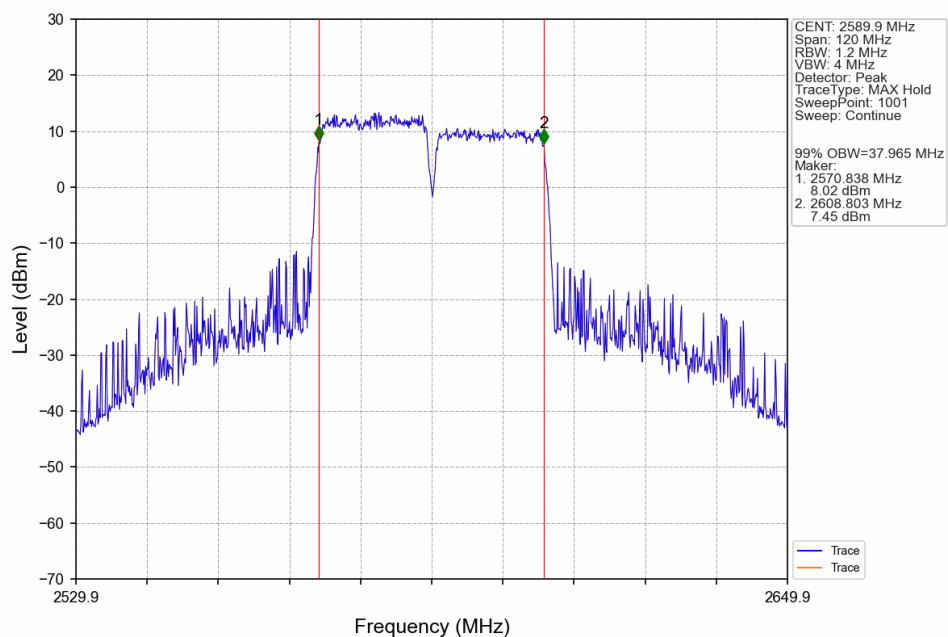
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



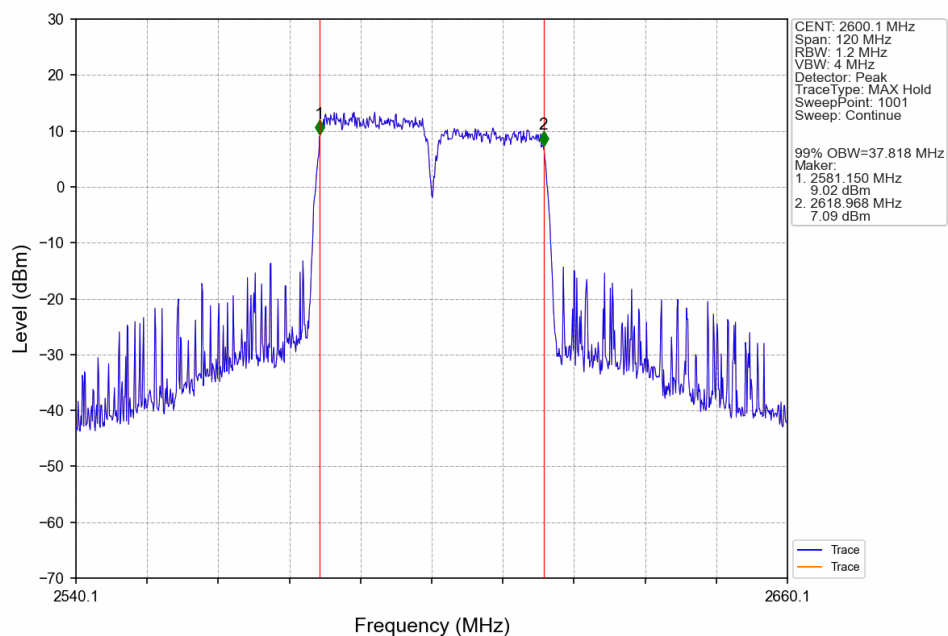
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



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

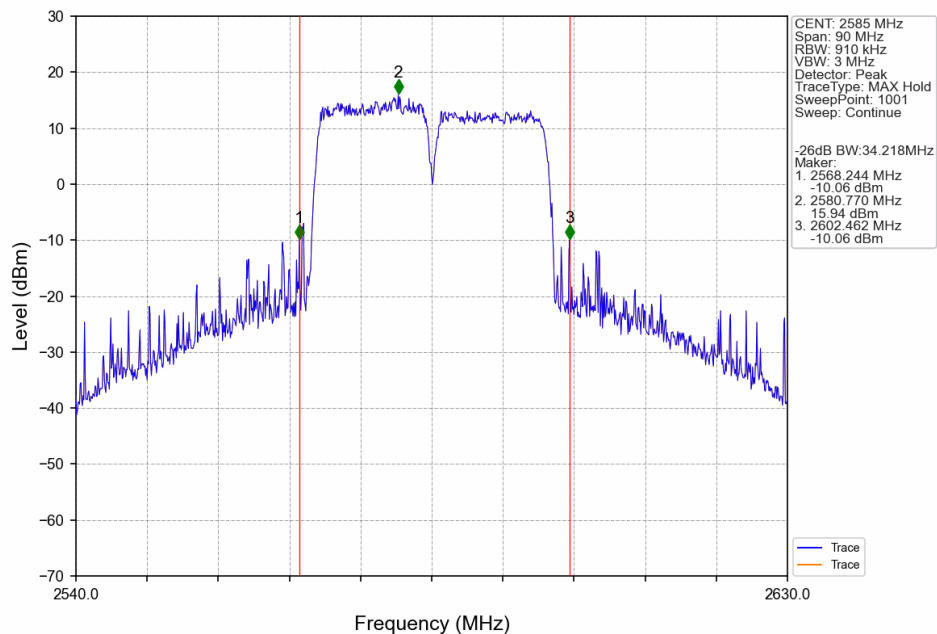


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0

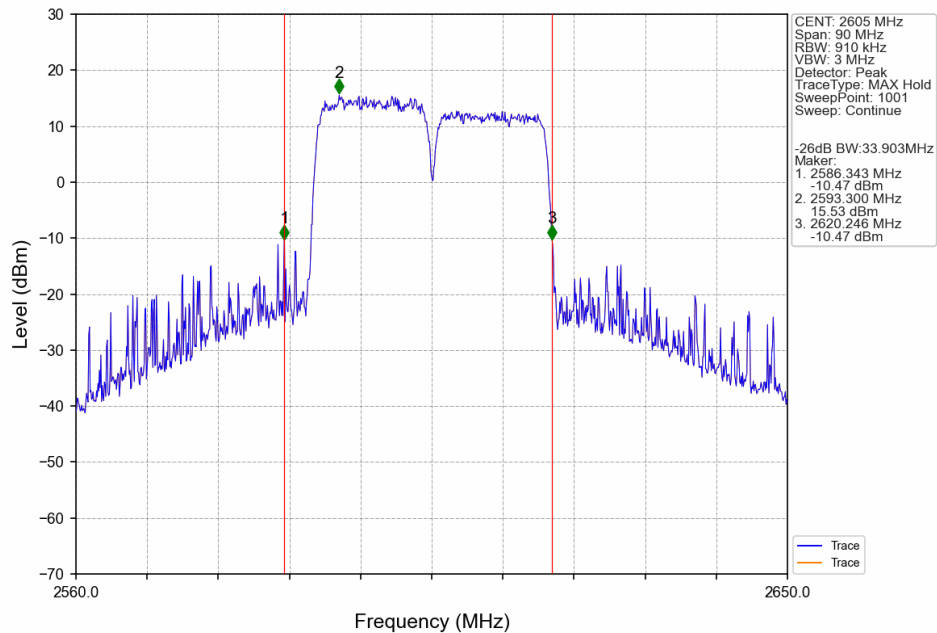


2.2.2 CA_38C_NTNV_XDB

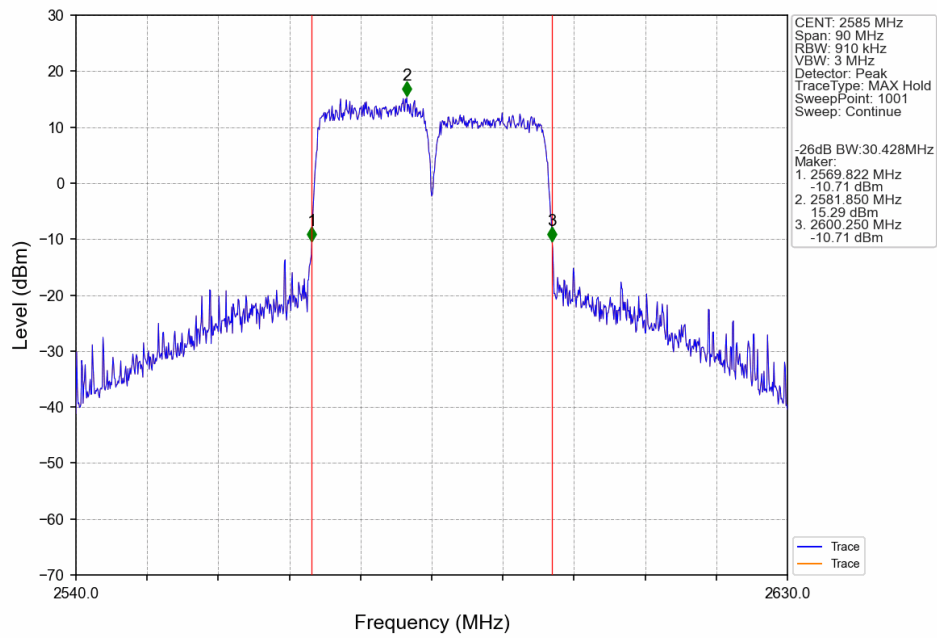
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



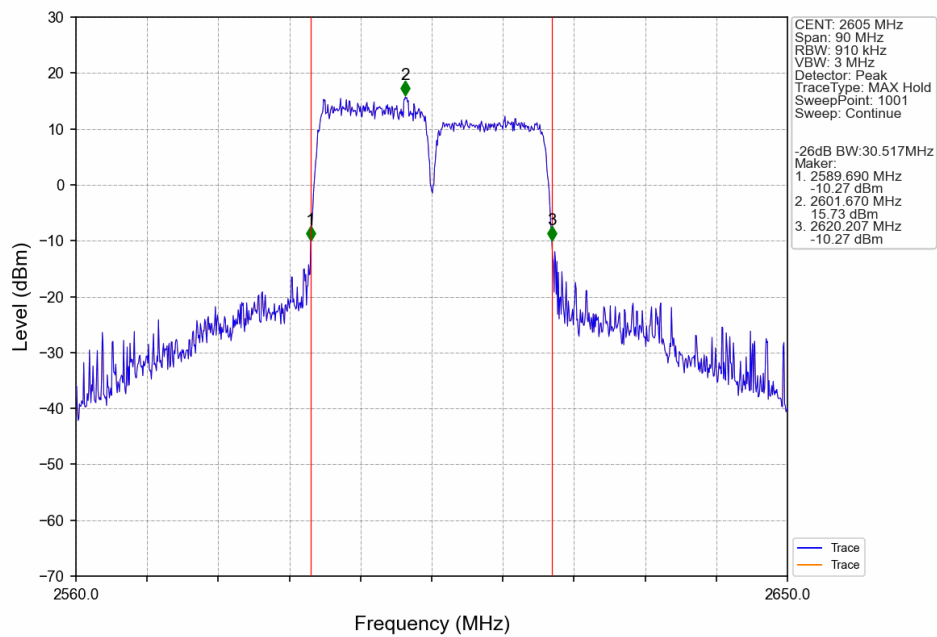
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



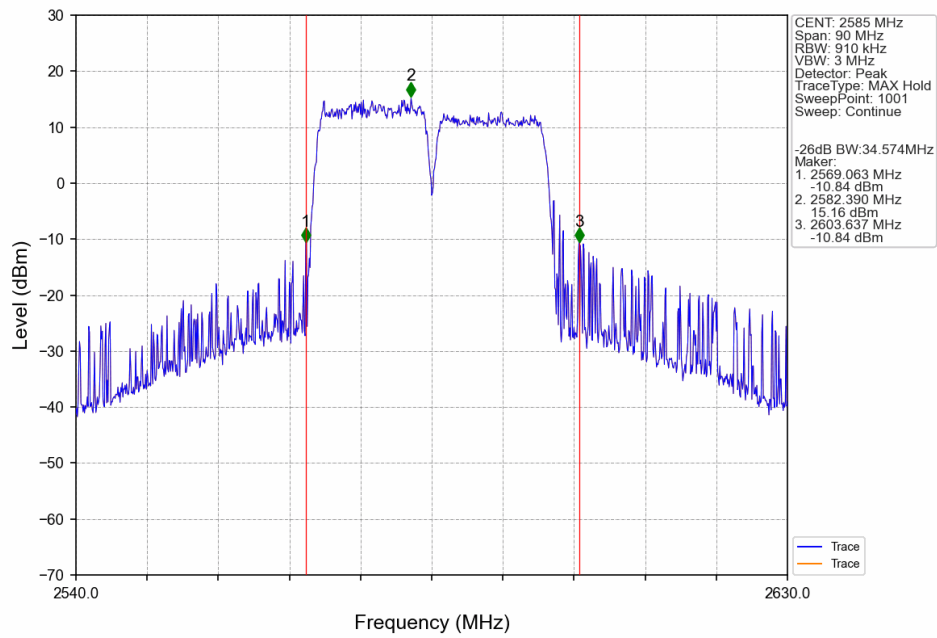
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2:
75@0



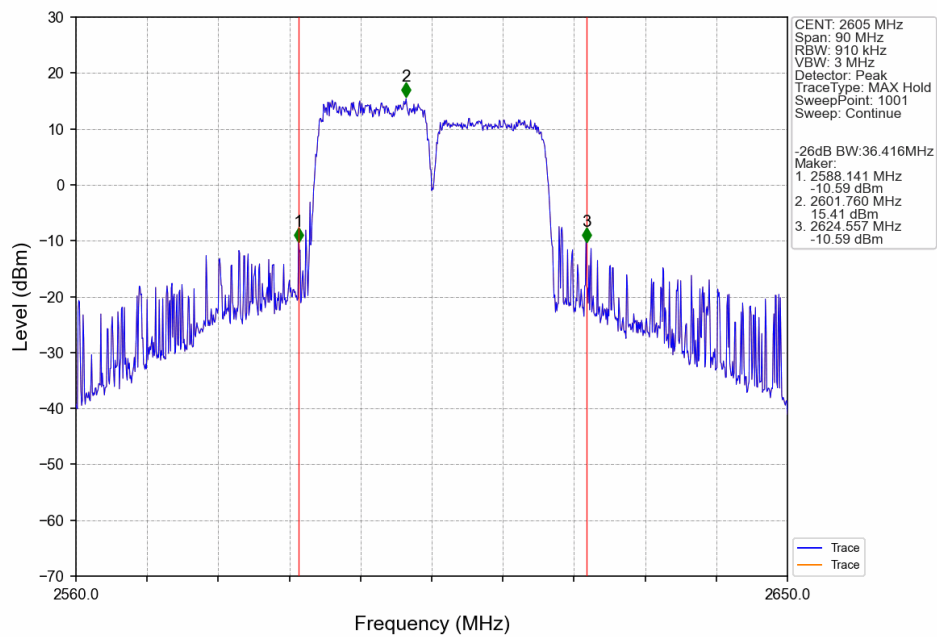
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2:
75@0



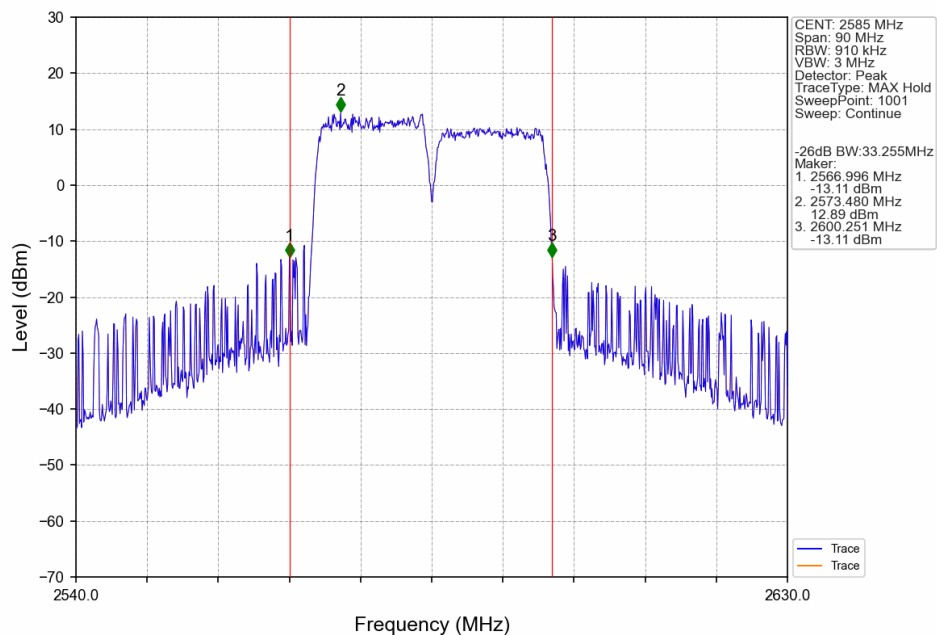
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2:
75@0



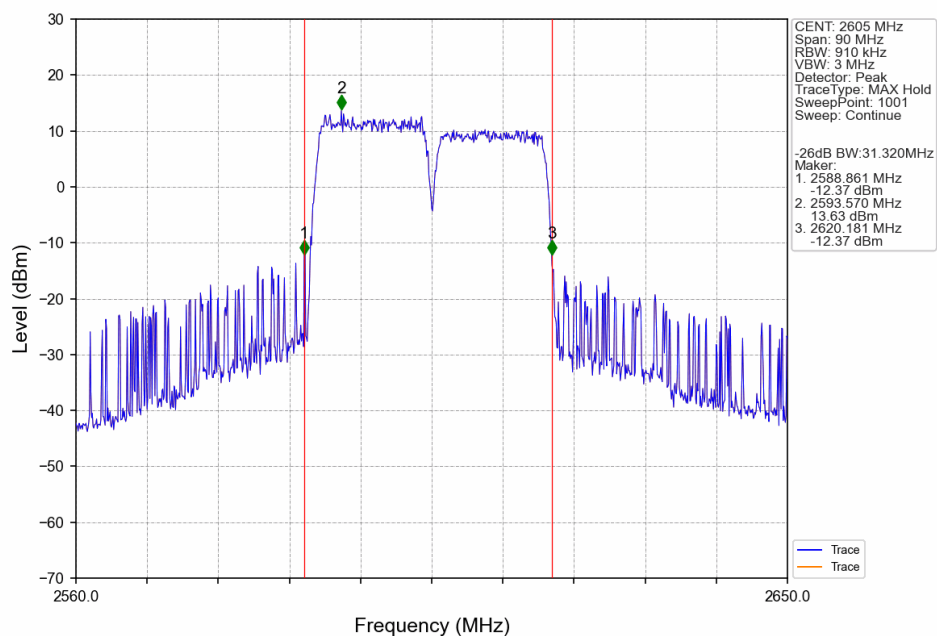
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2:
75@0



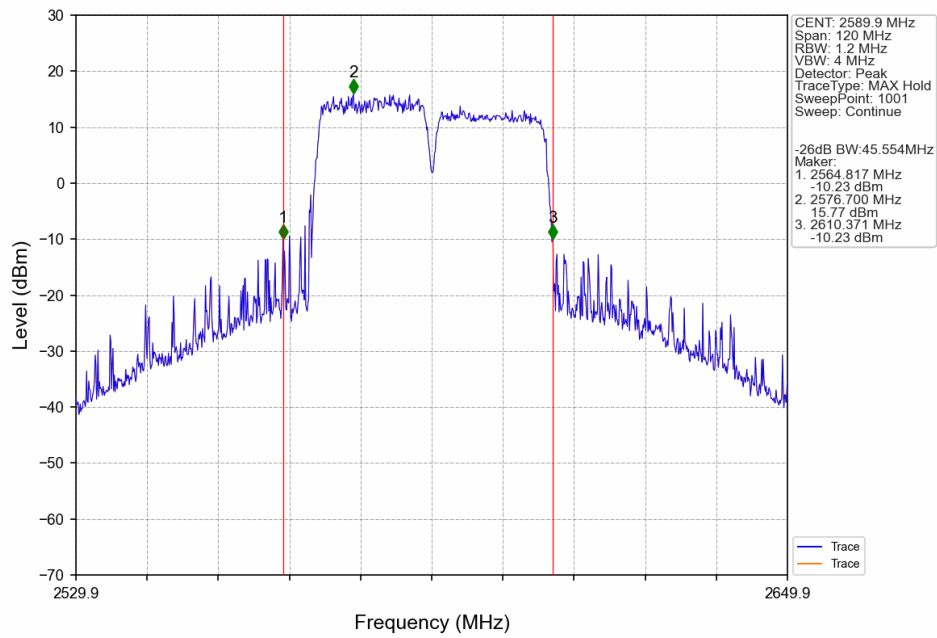
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2:
75@0



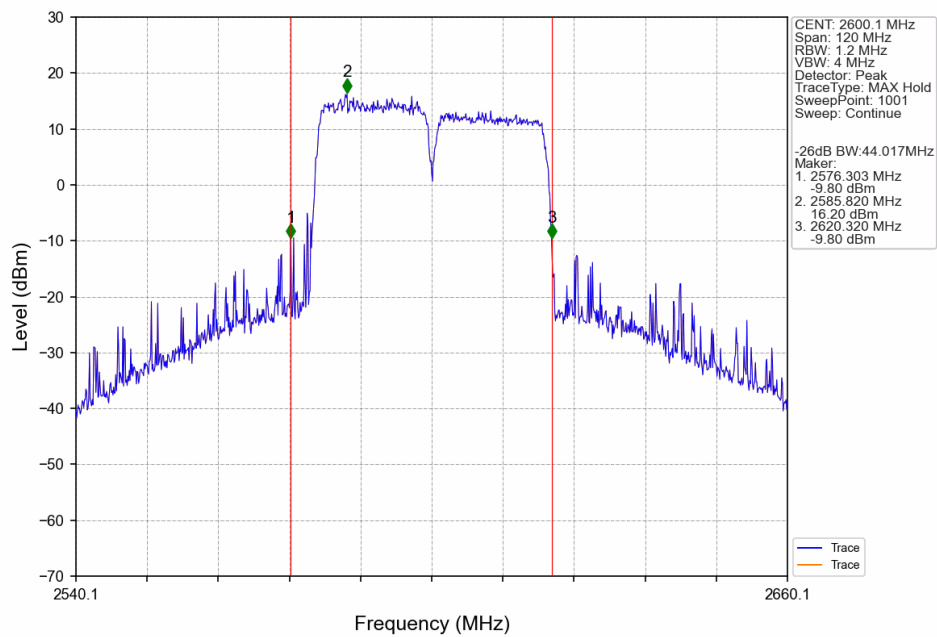
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2:
75@0



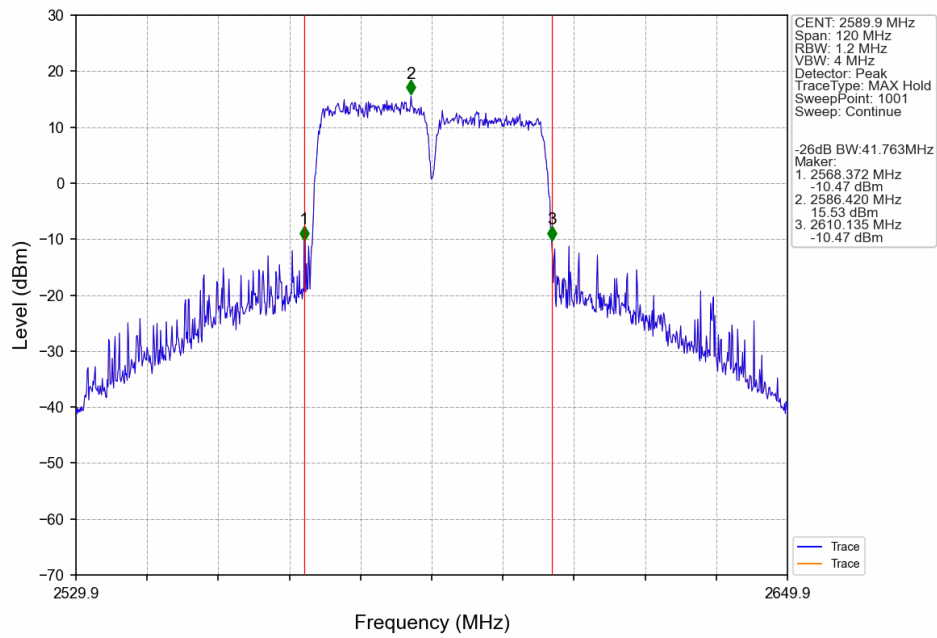
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



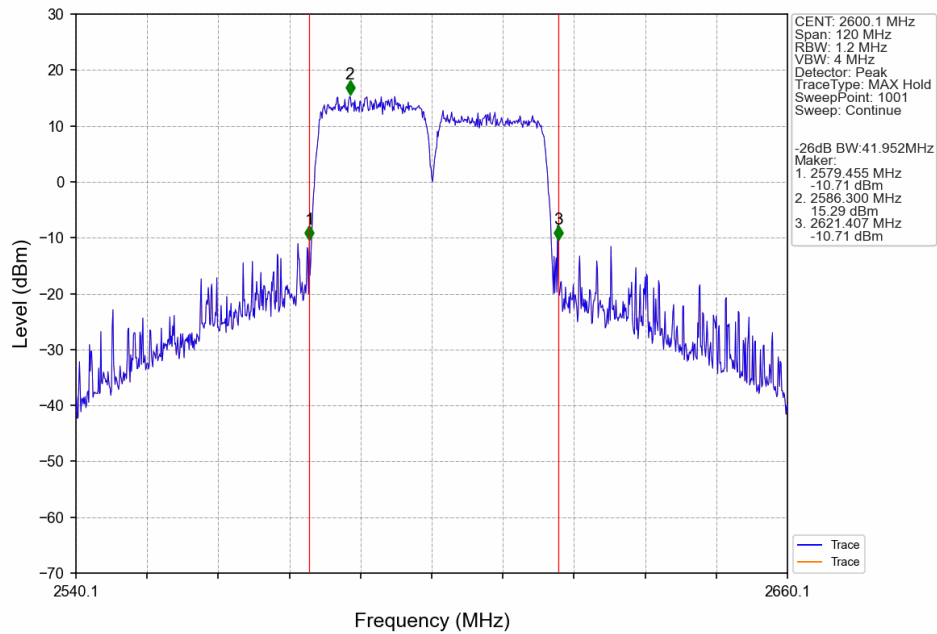
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



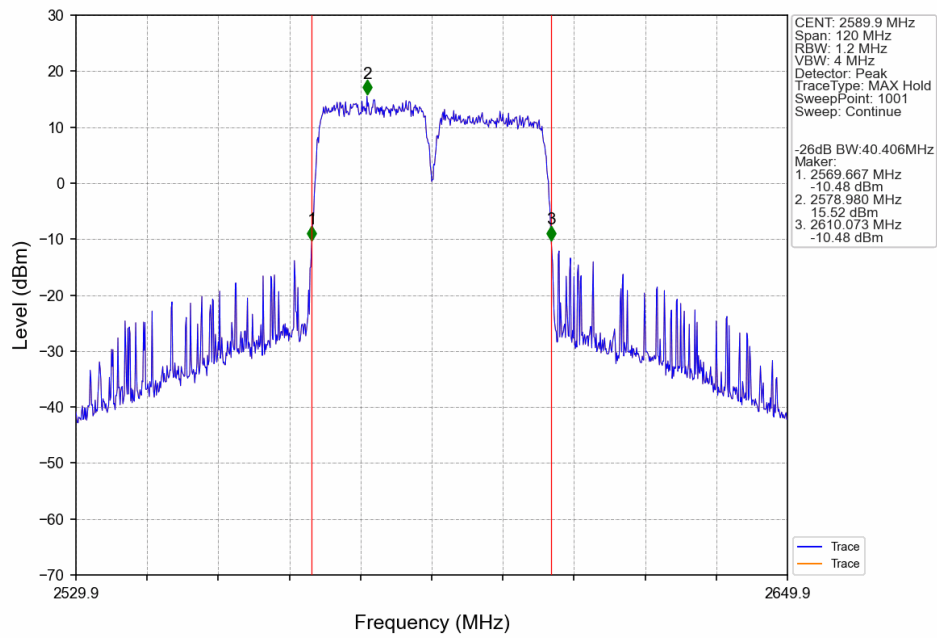
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



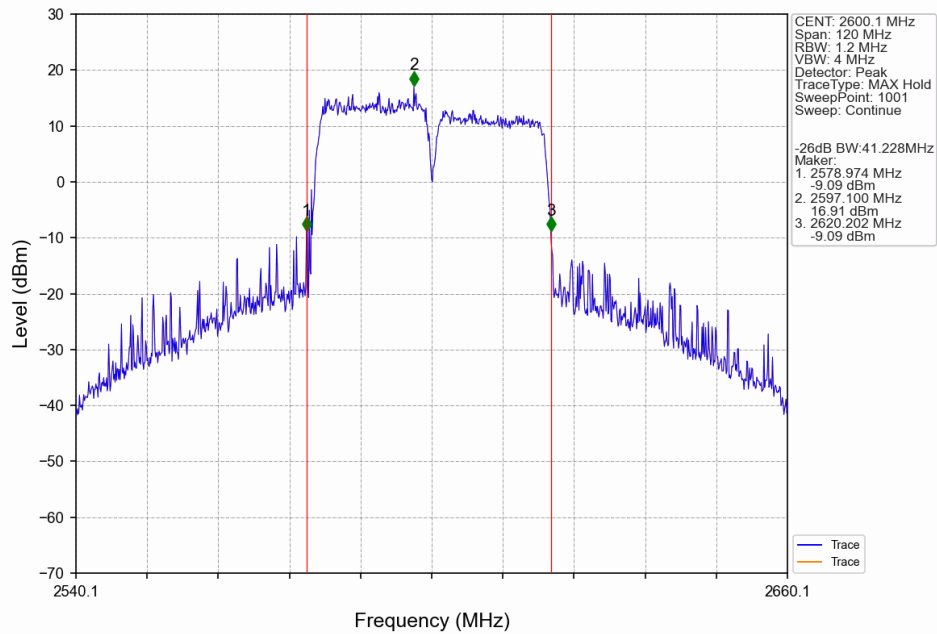
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



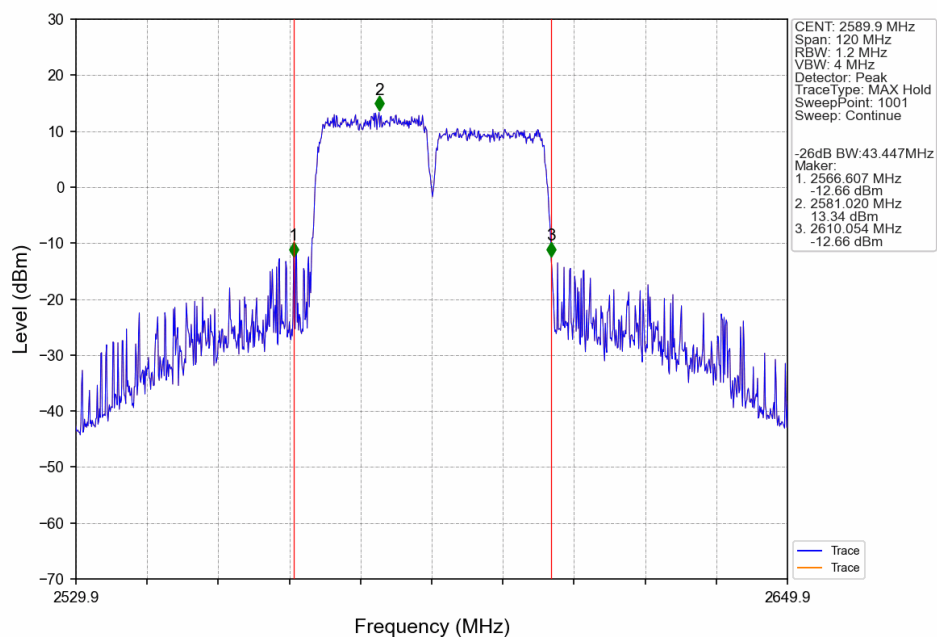
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



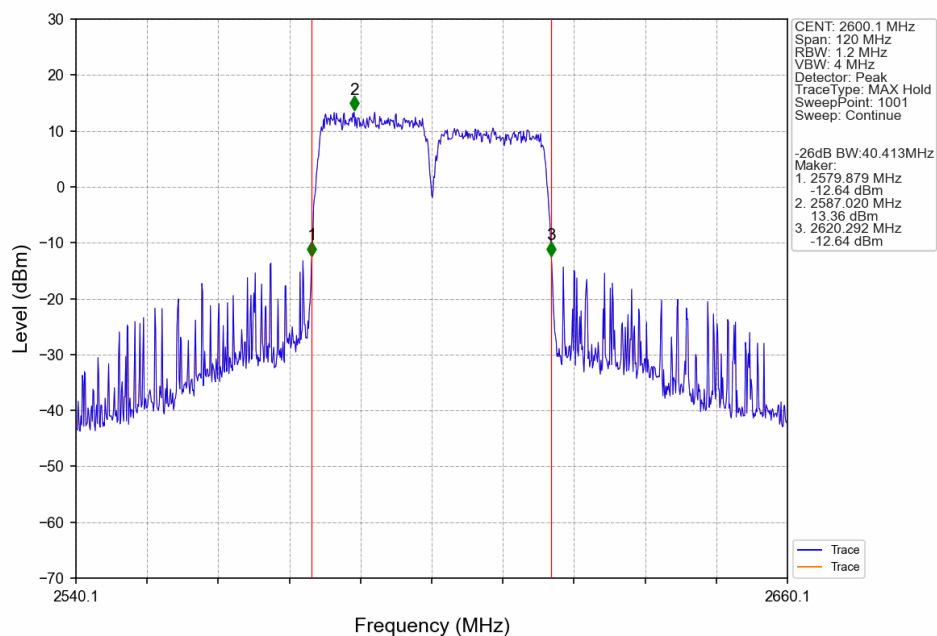
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



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_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



3. Spurious Emission

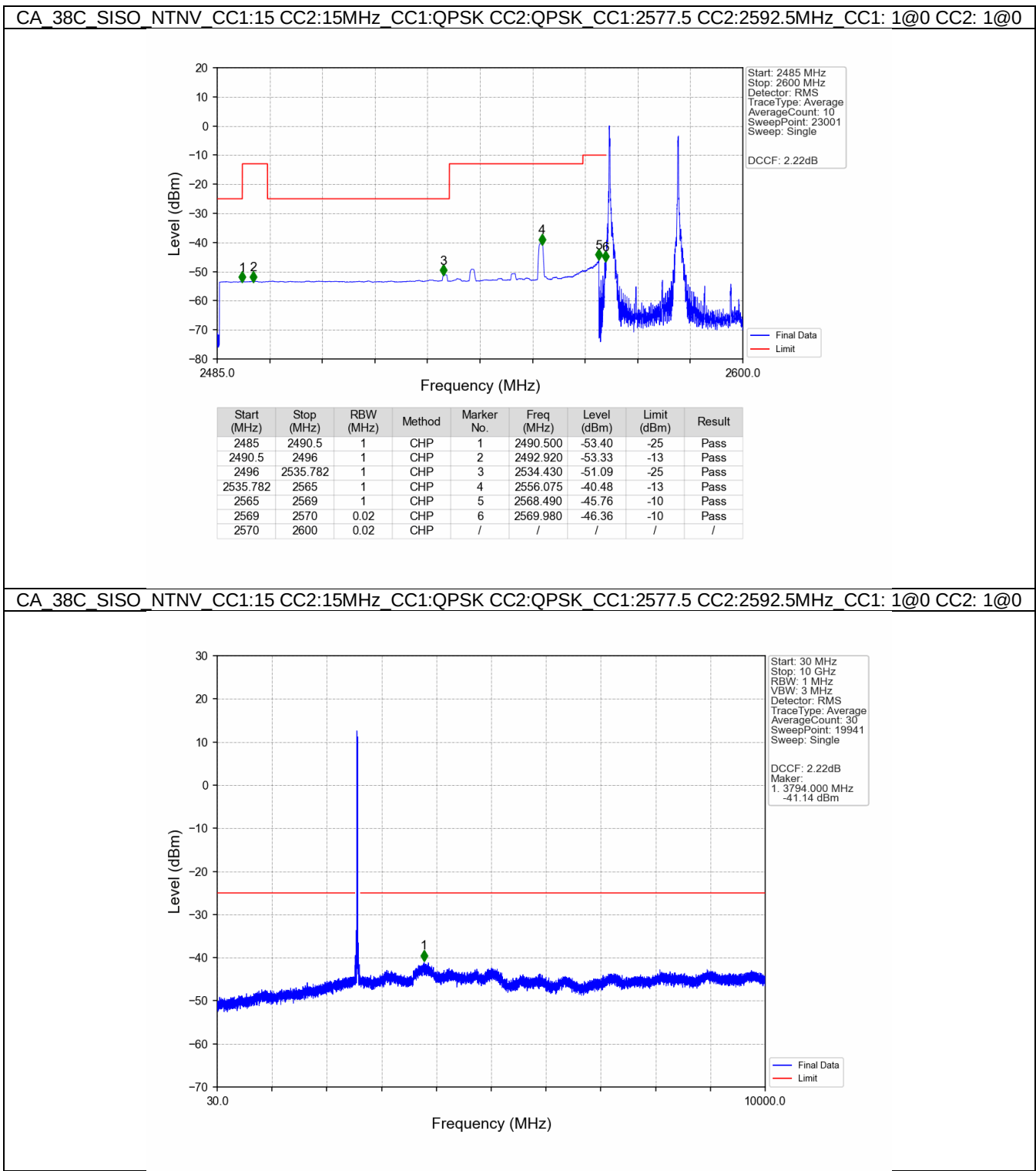
3.1 Test Result

3.1.1 CA_38C_NTNV

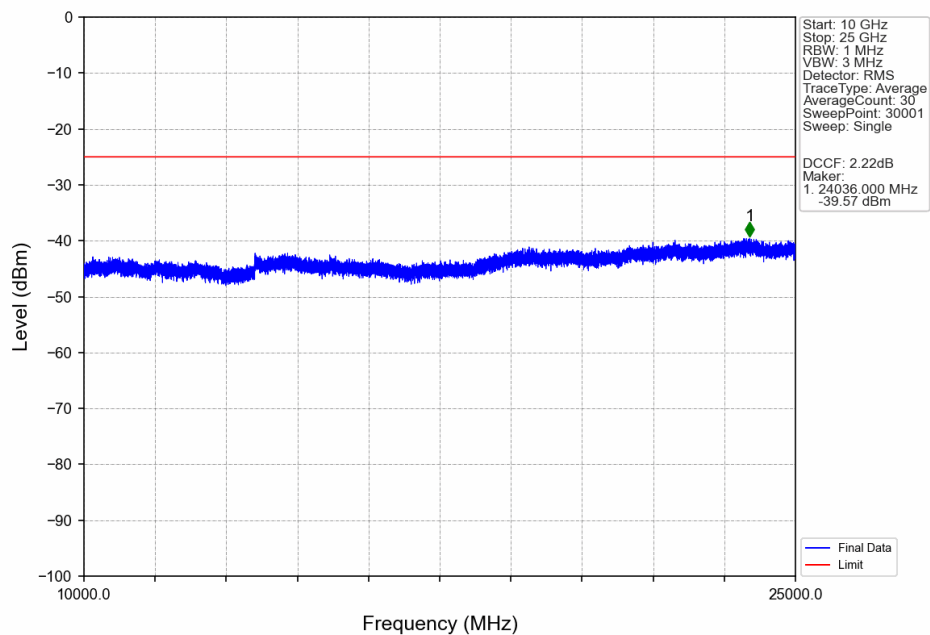
Band: CA_38C / NTN								
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	Spurious Emission				Verdict
				CC1	CC2	Sum	Limit	
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 75@0 CC2: 75@0	Refer To Test Graph				Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 1@0	Refer To Test Graph				Pass
			CC1: 1@74 CC2: 1@74	Refer To Test Graph				Pass
			CC1: 75@0 CC2: 75@0	Refer To Test Graph				Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	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

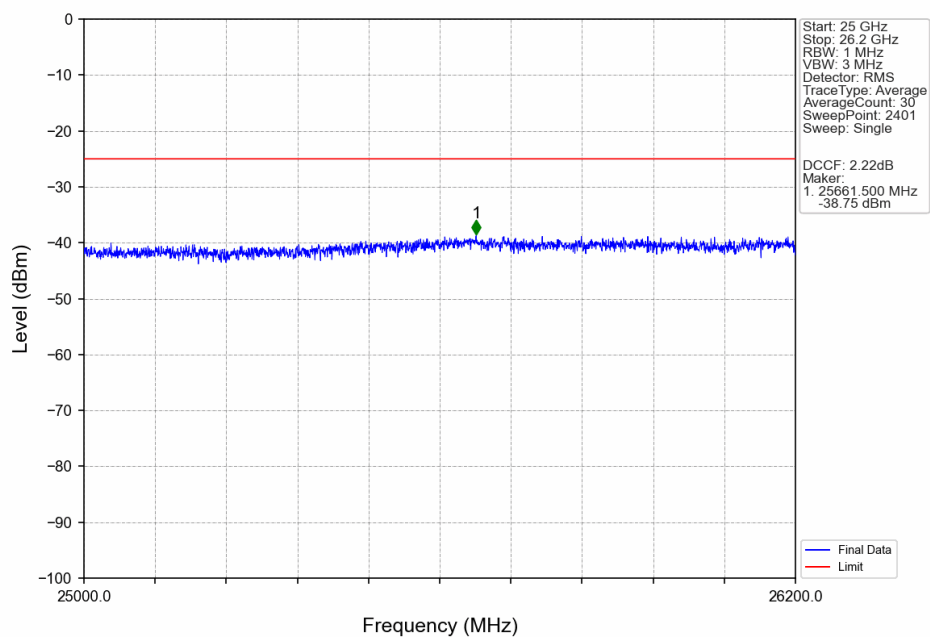
3.2.1 CA_38C_NTNV



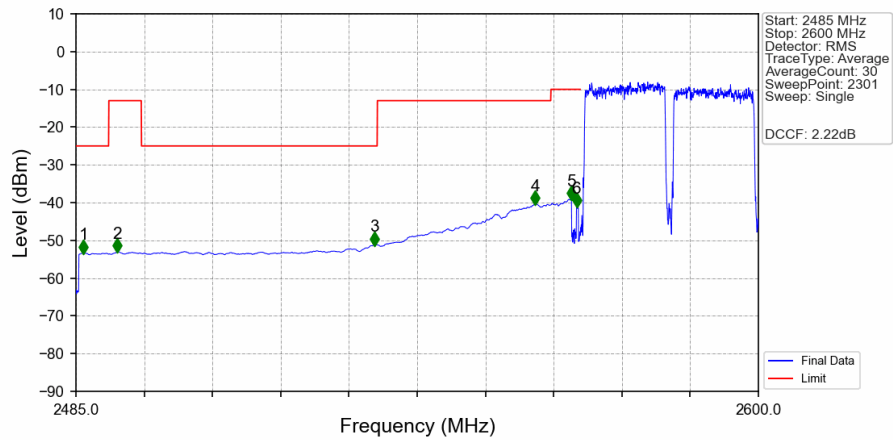
CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2577.5_CC2:2592.5MHz_CC1: 1@0_CC2: 1@0



CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2577.5_CC2:2592.5MHz_CC1: 1@0_CC2: 1@0

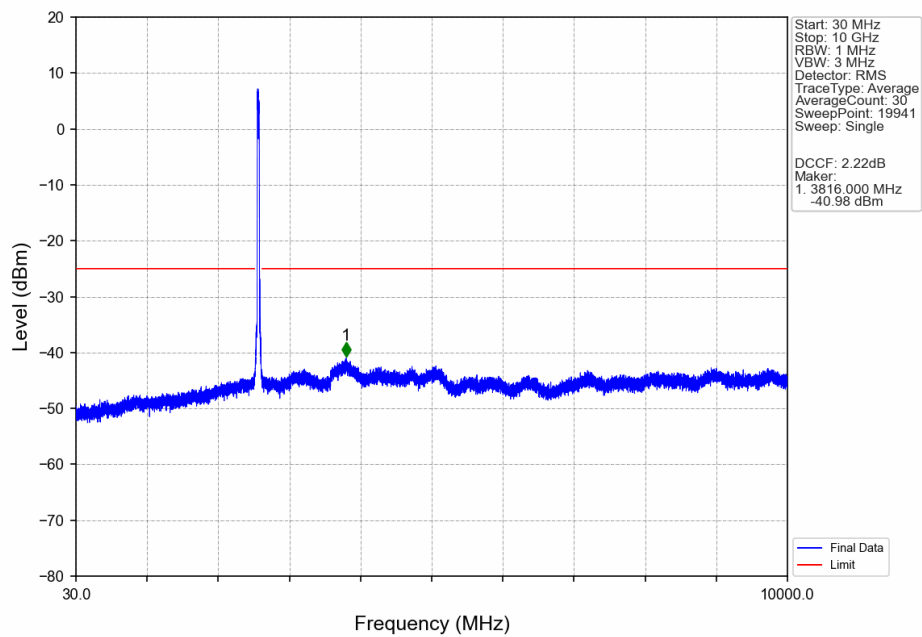


CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2577.5_CC2:2592.5MHz_CC1: 75@0_CC2: 75@0

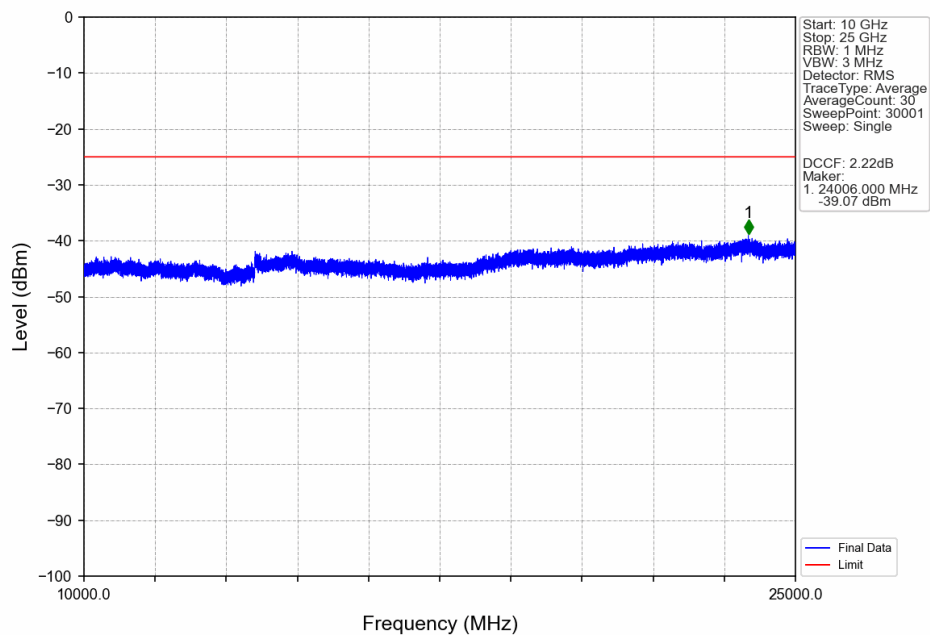


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.250	-53.27	-25	Pass
2490.5	2496	1	CHP	2	2492.000	-52.94	-13	Pass
2496	2535.782	1	CHP	3	2535.350	-51.14	-25	Pass
2535.782	2565	1	CHP	4	2562.400	-40.36	-13	Pass
2565	2569	1	CHP	5	2568.400	-39.07	-10	Pass
2569	2570	0.684	CHP	6	2569.350	-41.03	-10	Pass
2570	2600	0.1	/	/	/	/	/	/

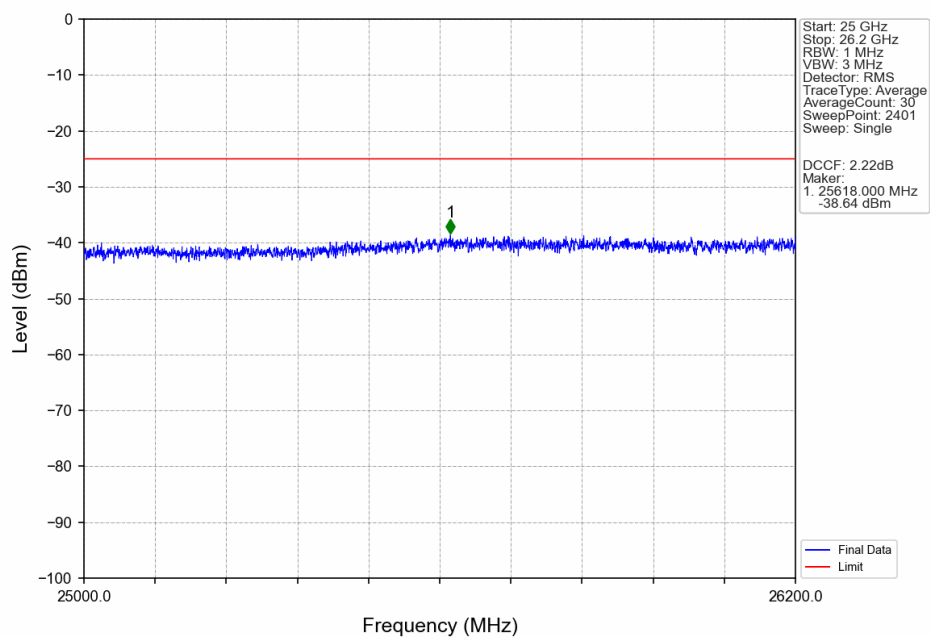
CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2577.5_CC2:2592.5MHz_CC1: 75@0_CC2: 75@0



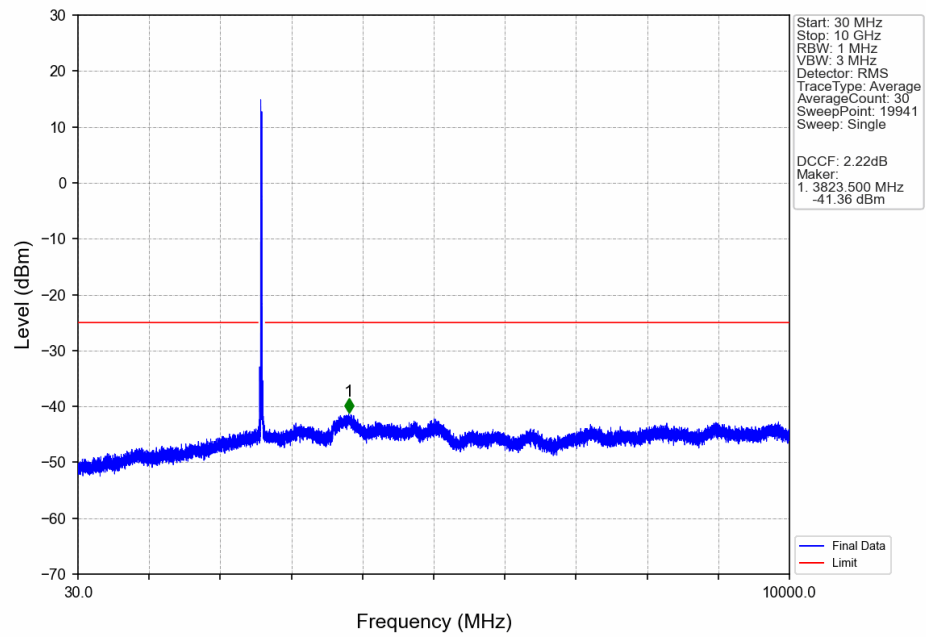
CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2577.5_CC2:2592.5MHz_CC1: 75@0_CC2: 75@0



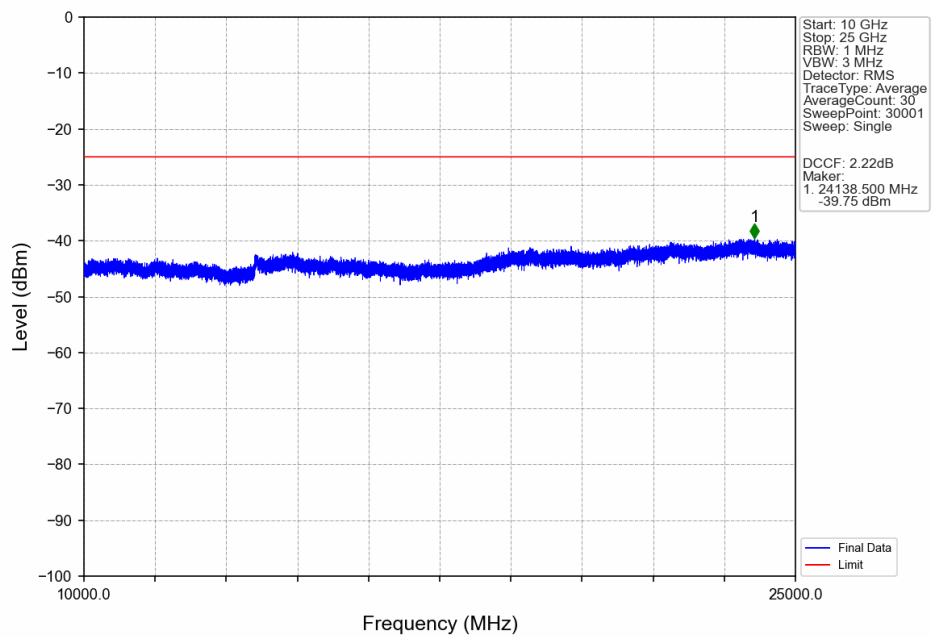
CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2577.5_CC2:2592.5MHz_CC1: 75@0_CC2: 75@0



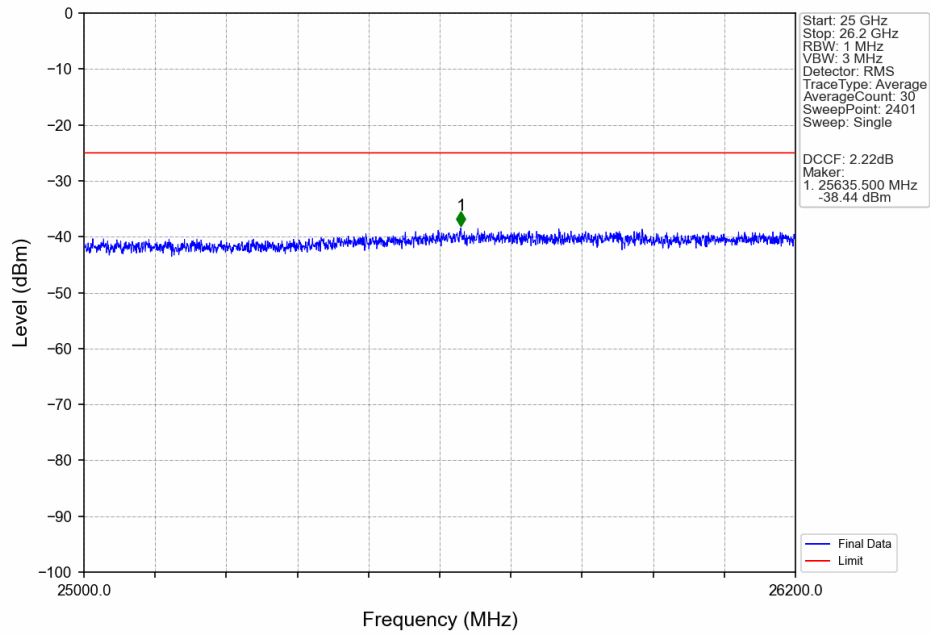
CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5_CC2:2612.5MHz_CC1: 1@0_CC2: 1@0



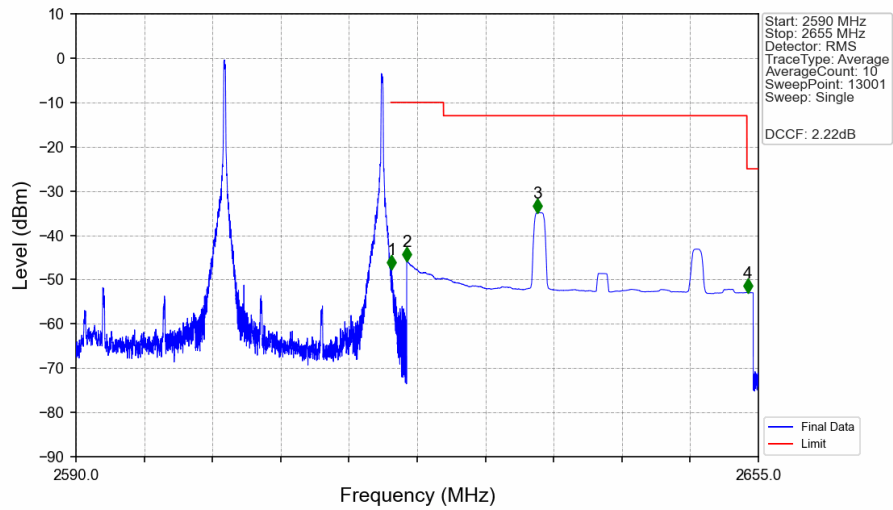
CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5_CC2:2612.5MHz_CC1: 1@0_CC2: 1@0



CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5_CC2:2612.5MHz_CC1: 1@0_CC2: 1@0

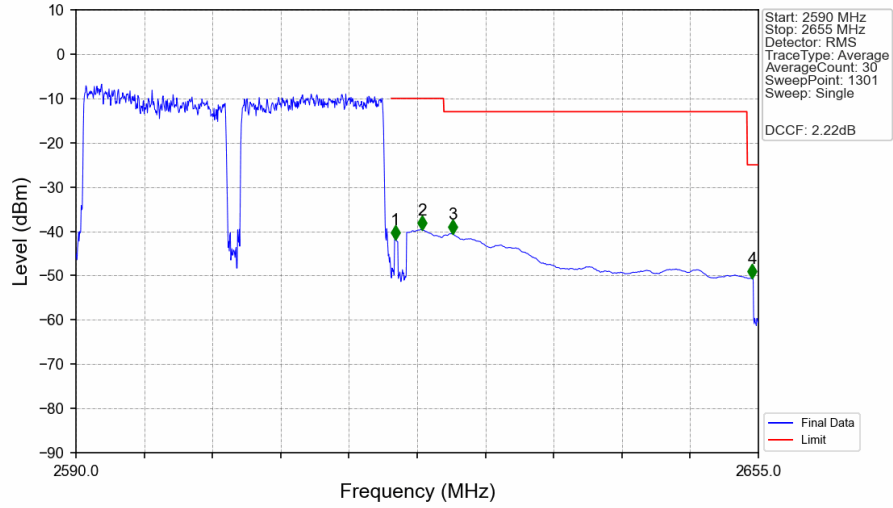


CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5_CC2:2612.5MHz_CC1: 1@74_CC2: 1@74



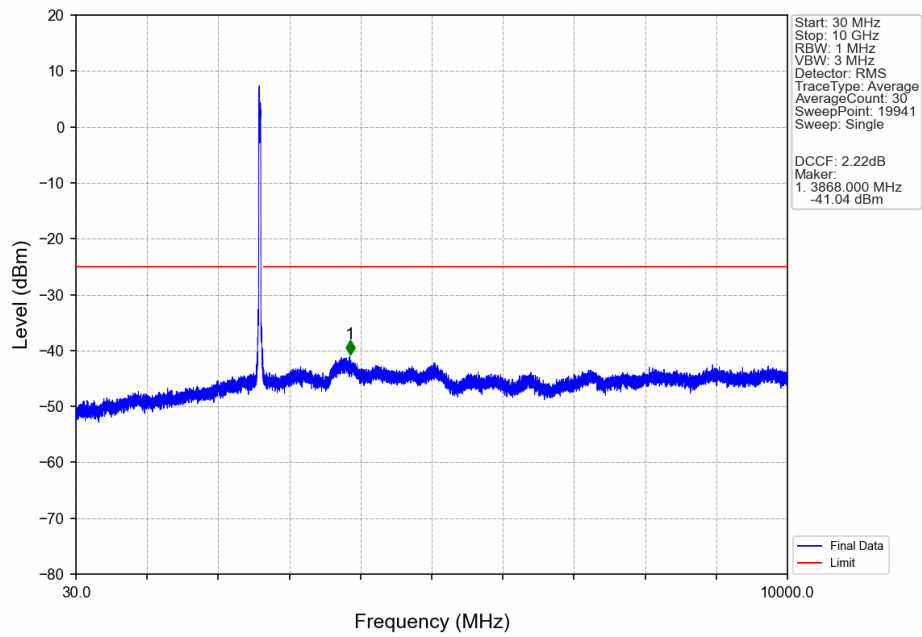
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.060	-47.70	-10	Pass
2621	2625	1	CHP	2	2621.515	-45.78	-10	Pass
2625	2653.903	1	CHP	3	2633.985	-34.92	-13	Pass
2653.903	2655	1	CHP	4	2653.975	-52.92	-25	Pass

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0

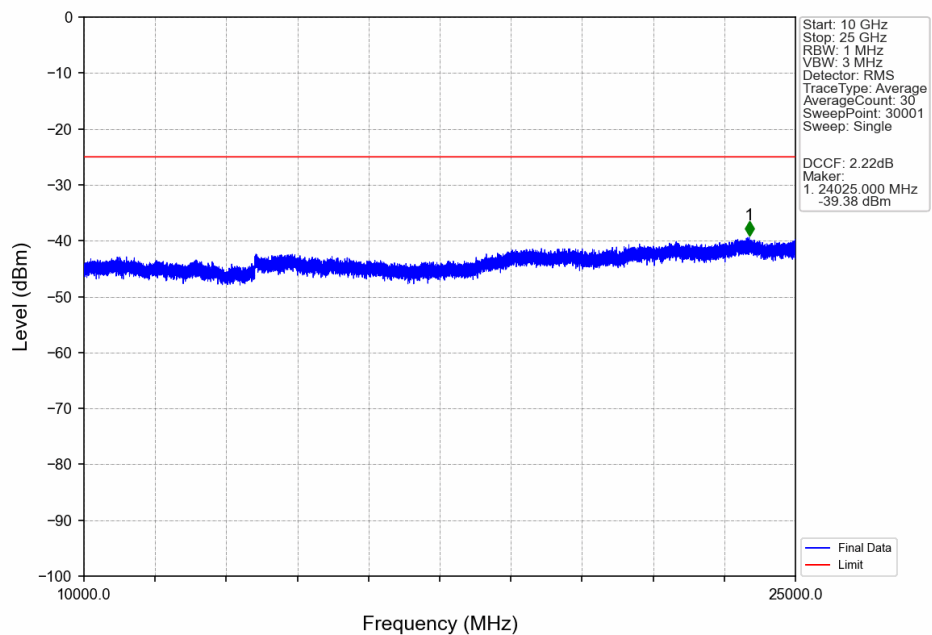


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.1	/	/	/	/	/	/
2620	2621	0.678	CHP	1	2620.400	-41.86	-10	Pass
2621	2625	1	CHP	2	2622.950	-39.59	-10	Pass
2625	2653.903	1	CHP	3	2625.850	-40.51	-13	Pass
2653.903	2655	1	CHP	4	2654.400	-50.60	-25	Pass

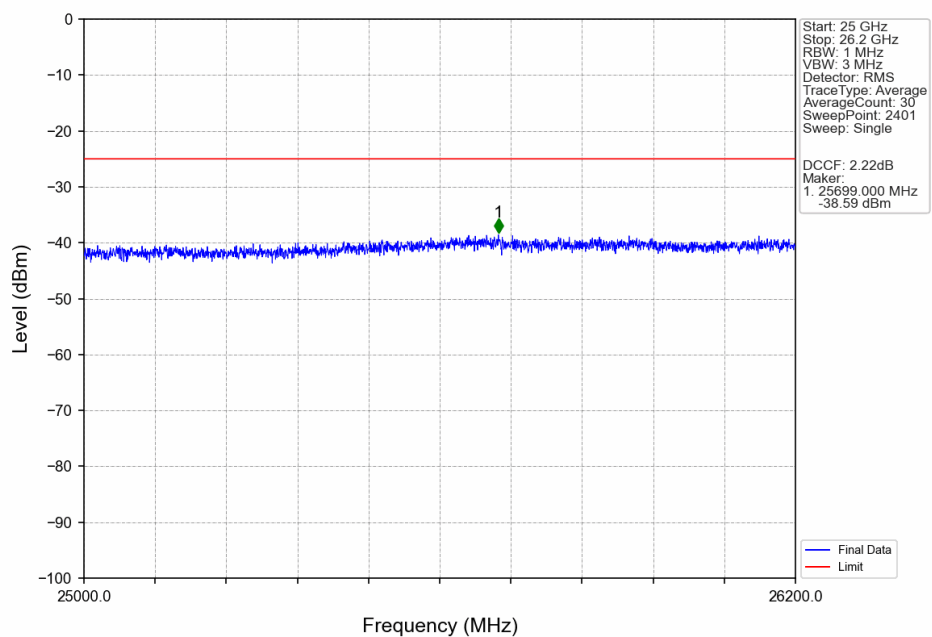
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



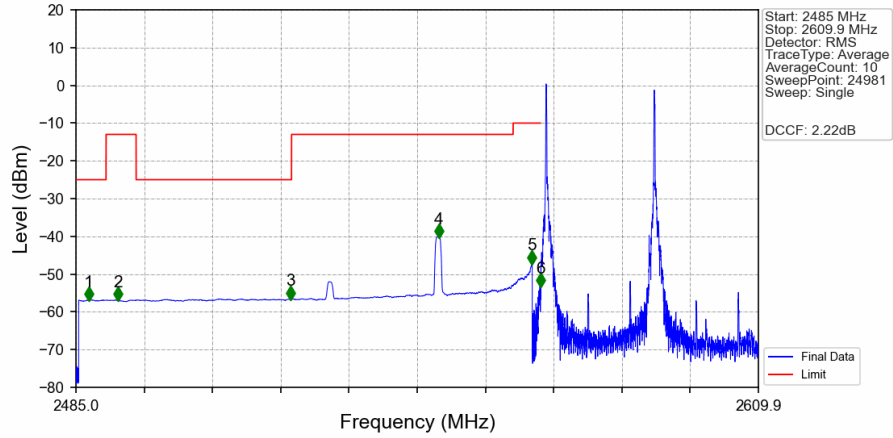
CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5_CC2:2612.5MHz_CC1: 75@0_CC2: 75@0



CA_38C_SISO_NTNV_CC1:15_CC2:15MHz_CC1:QPSK_CC2:QPSK_CC1:2597.5_CC2:2612.5MHz_CC1: 75@0_CC2: 75@0

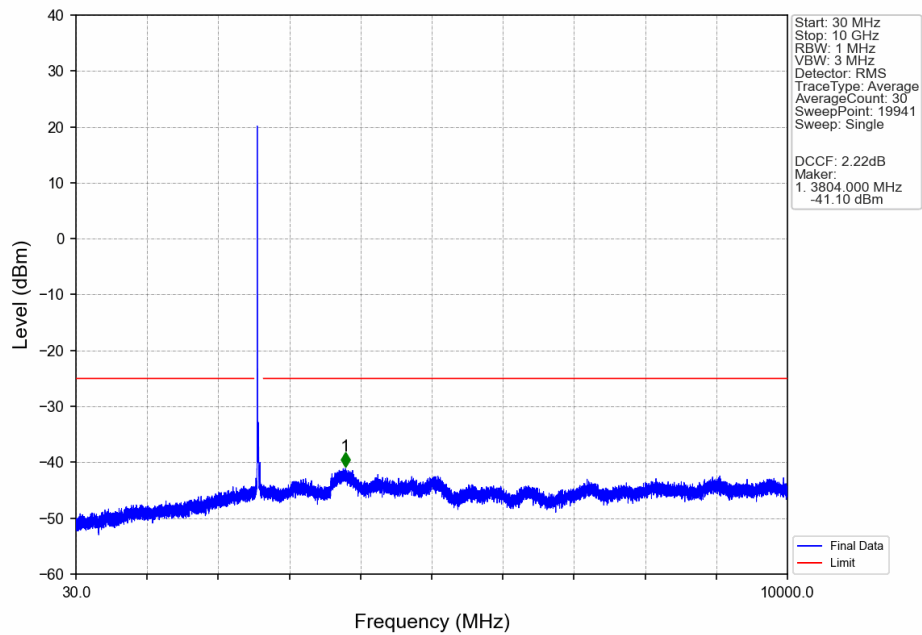


CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2580_CC2:2599.8MHz_CC1: 1@0_CC2: 1@0

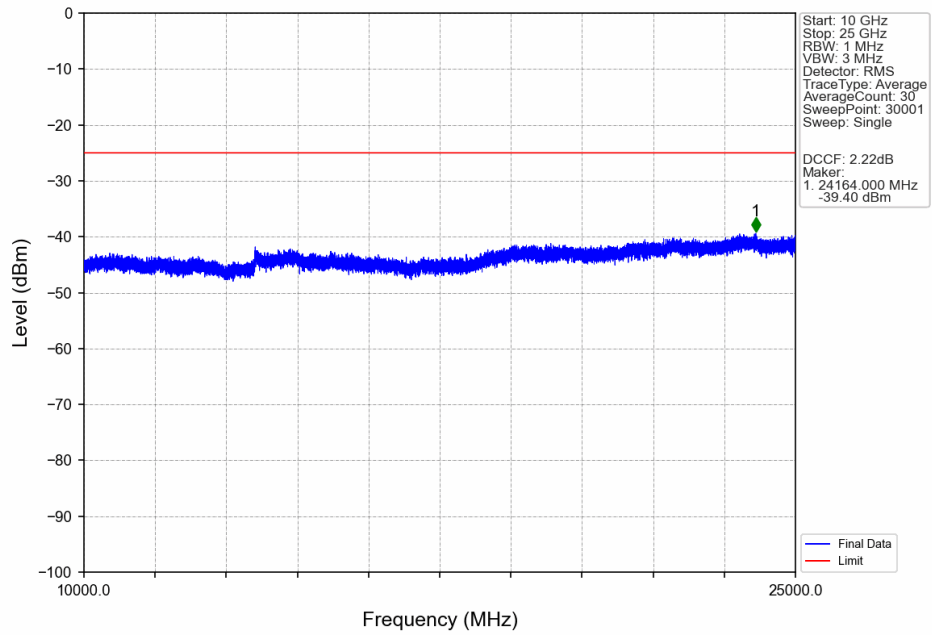


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.370	-56.84	-25	Pass
2490.5	2496	1	CHP	2	2492.675	-56.88	-13	Pass
2496	2524.446	1	CHP	3	2524.330	-56.50	-25	Pass
2524.446	2565	1	CHP	4	2551.410	-40.16	-13	Pass
2565	2569	1	CHP	5	2568.465	-47.08	-10	Pass
2569	2570	0.02	CHP	6	2569.990	-53.18	-10	Pass
2570	2609.9	0.02	CHP	/	/	/	/	/

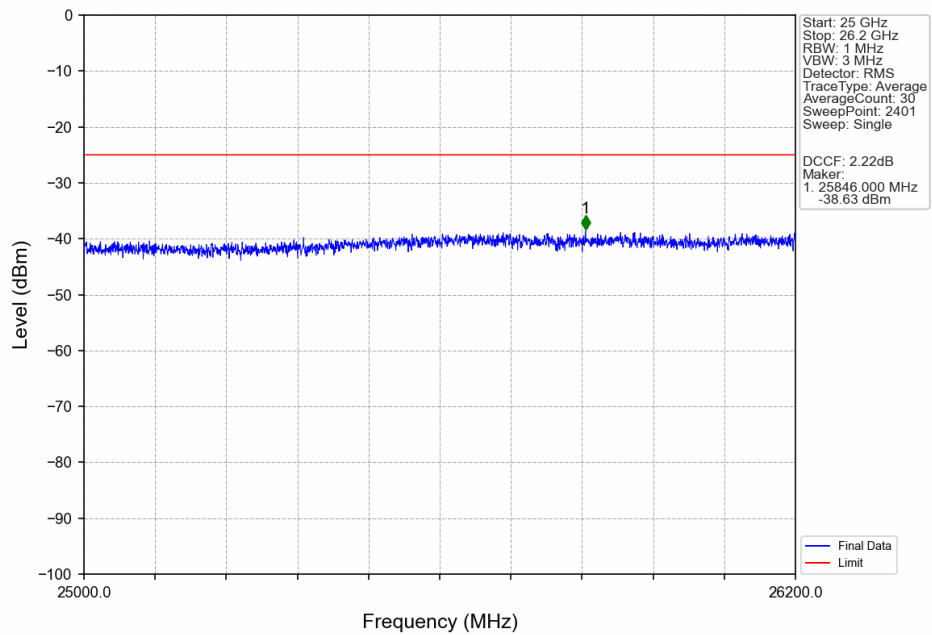
CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2580_CC2:2599.8MHz_CC1: 1@0_CC2: 1@0



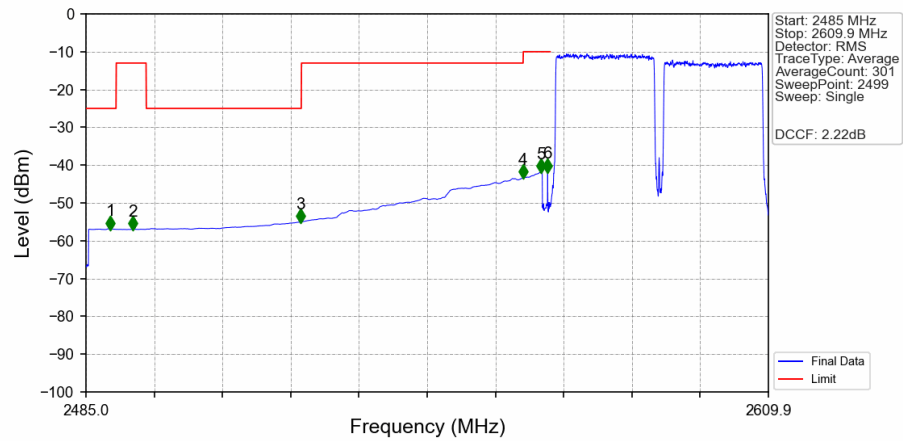
CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2580_CC2:2599.8MHz_CC1: 1@0_CC2: 1@0



CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2580_CC2:2599.8MHz_CC1: 1@0_CC2: 1@0

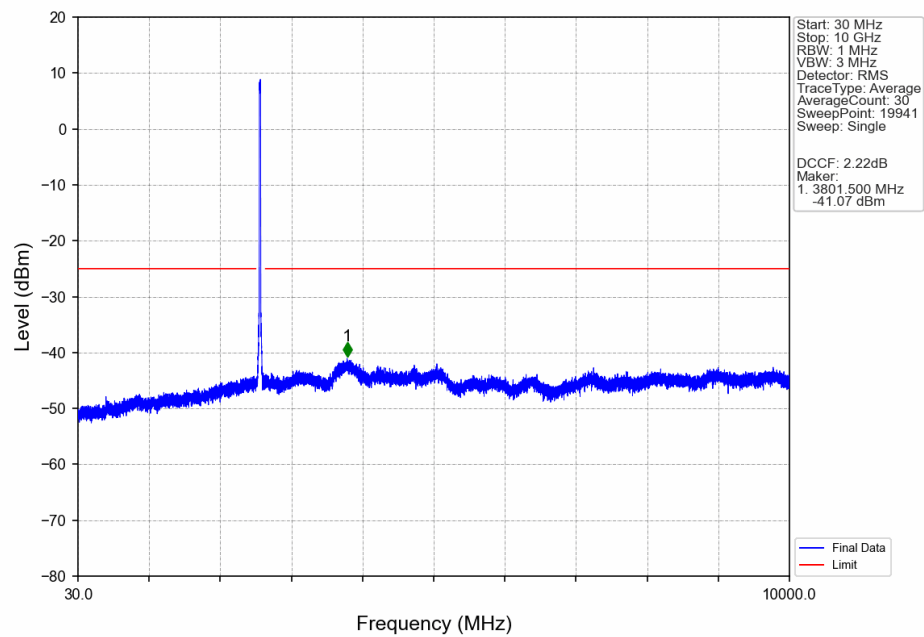


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0

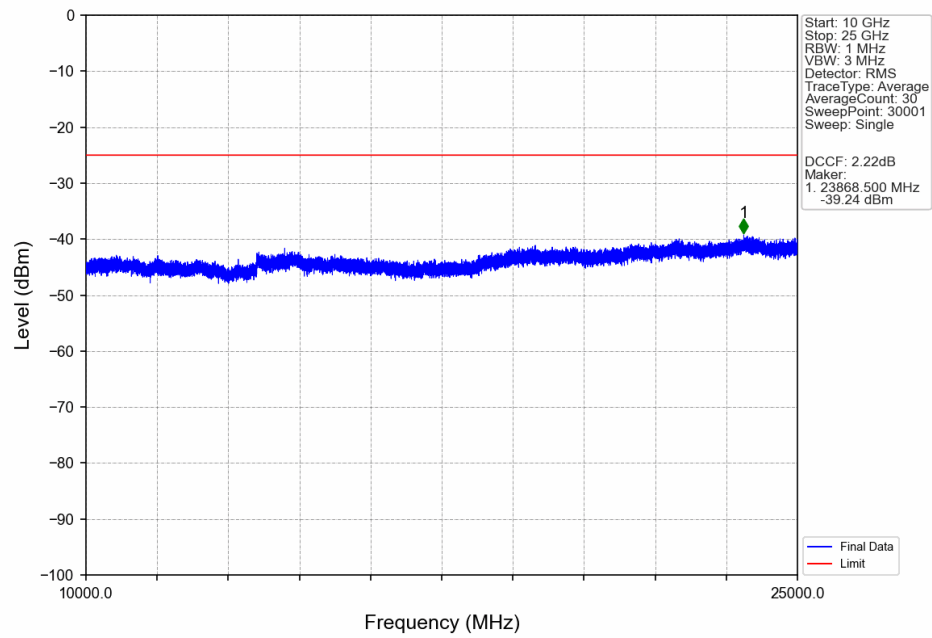


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.500	-56.83	-25	Pass
2490.5	2496	1	CHP	2	2493.600	-56.93	-13	Pass
2496	2524.446	1	CHP	3	2524.250	-55.03	-25	Pass
2524.446	2565	1	CHP	4	2565.000	-43.31	-13	Pass
2565	2569	1	CHP	5	2568.250	-41.81	-10	Pass
2569	2570	0.911	CHP	6	2569.500	-41.69	-10	Pass
2570	2609.9	0.1	/	/	/	/	/	/

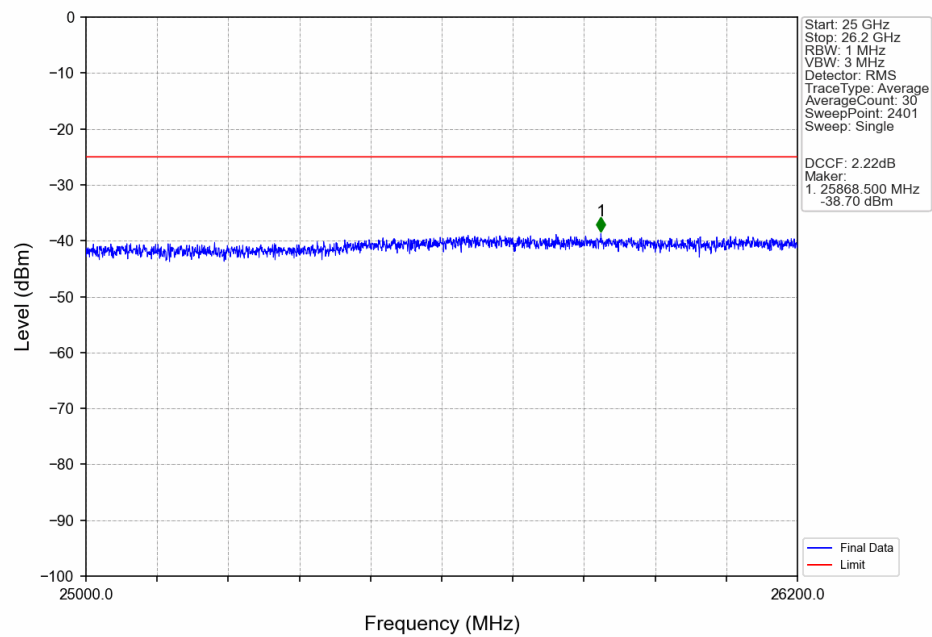
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



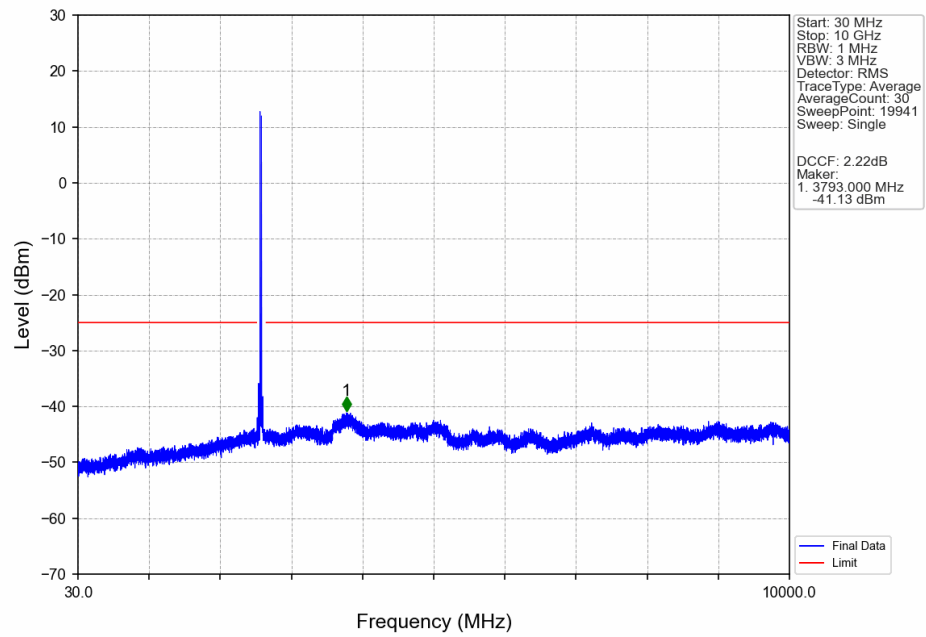
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



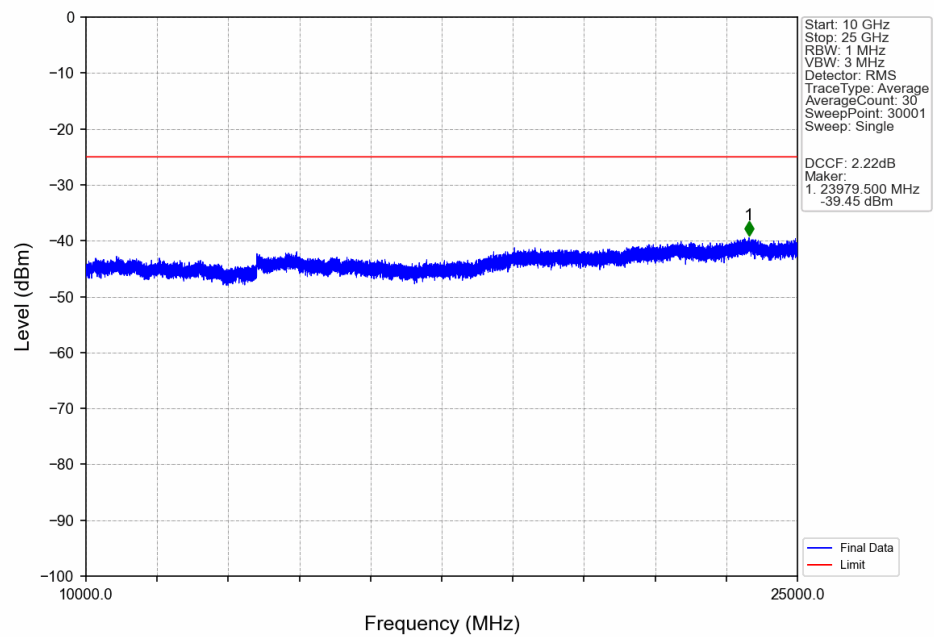
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2:
100@0



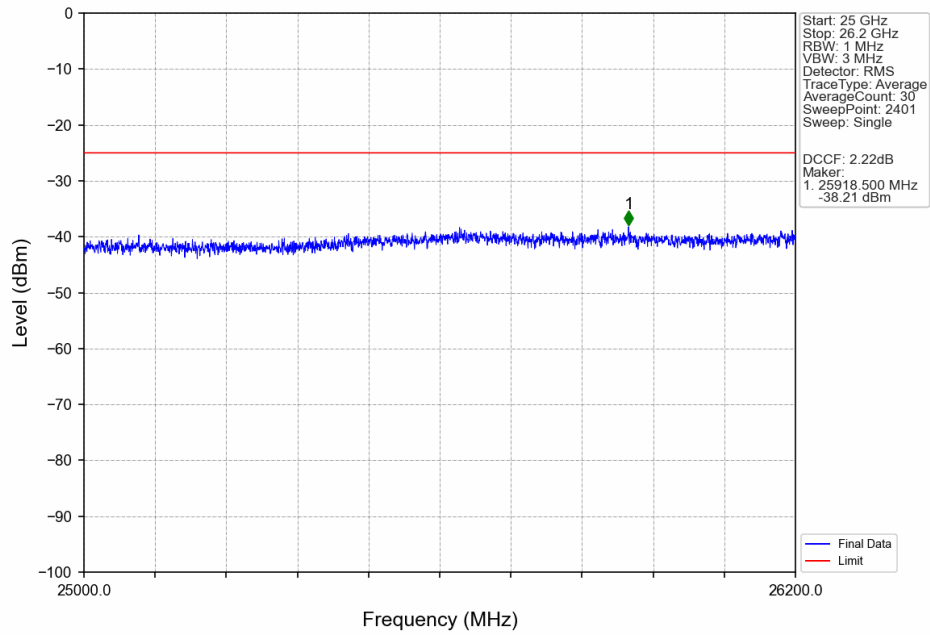
CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2590.2_CC2:2610MHz_CC1: 1@0_CC2: 1@0



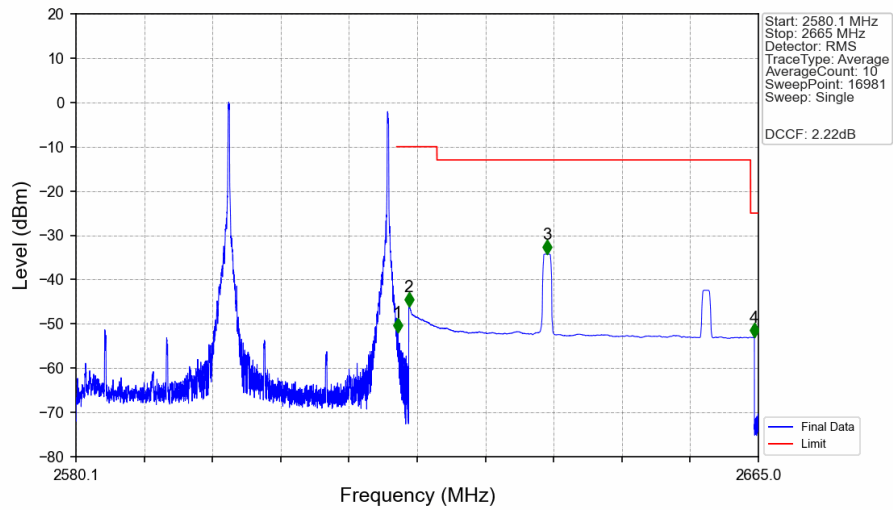
CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2590.2_CC2:2610MHz_CC1: 1@0_CC2: 1@0



CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2590.2_CC2:2610MHz_CC1:1@0_CC2:1@0

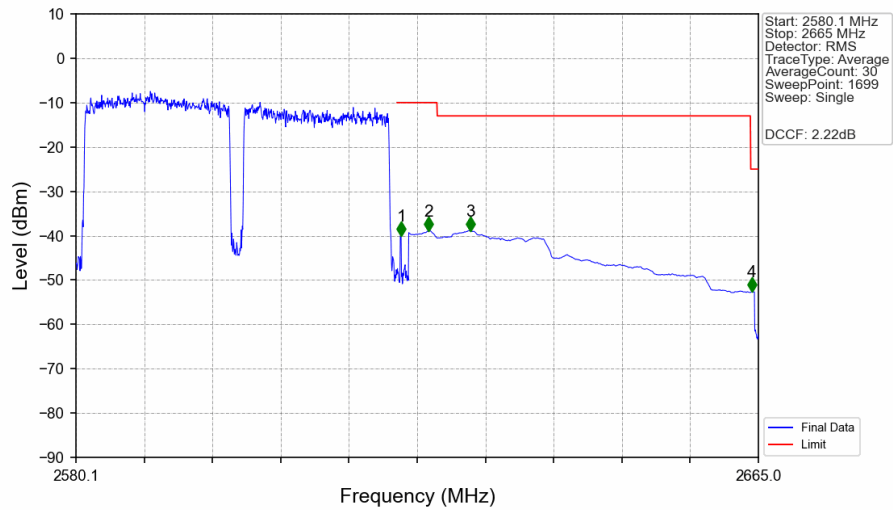


CA_38C_SISO_NTNV_CC1:20_CC2:20MHz_CC1:QPSK_CC2:QPSK_CC1:2590.2_CC2:2610MHz_CC1:1@99_CC2:1@99



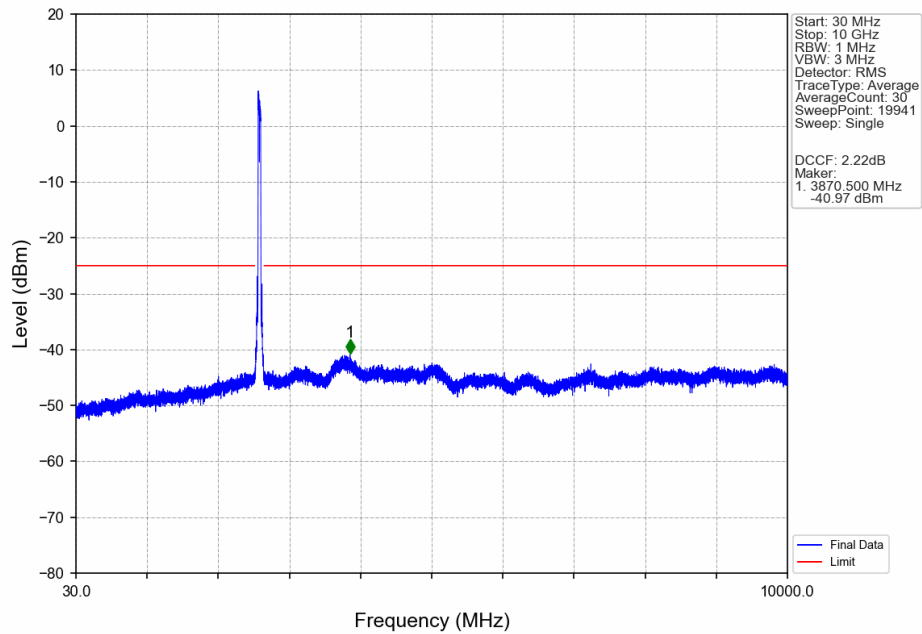
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2580.1	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.135	-51.90	-10	Pass
2621	2625	1	CHP	2	2621.500	-46.14	-10	Pass
2625	2664.017	1	CHP	3	2638.665	-34.25	-13	Pass
2664.017	2665	1	CHP	4	2664.495	-53.02	-25	Pass

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

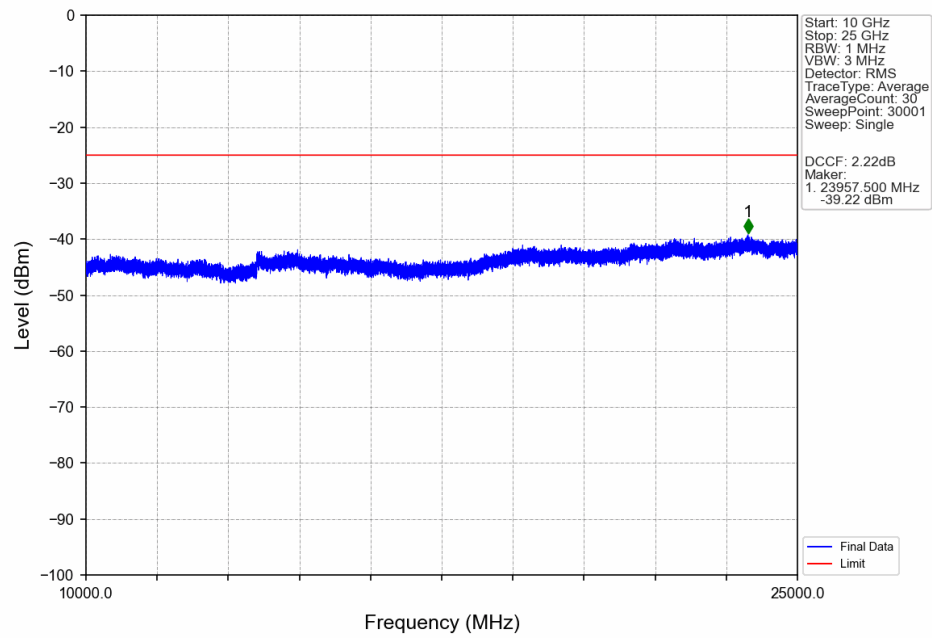


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2580.1	2620	0.1	/	/	/	/	/	/
2620	2621	0.88	CHP	1	2620.550	-39.95	-10	Pass
2621	2625	1	CHP	2	2624.000	-38.88	-10	Pass
2625	2664.017	1	CHP	3	2629.200	-38.88	-13	Pass
2664.017	2665	1	CHP	4	2664.200	-52.63	-25	Pass

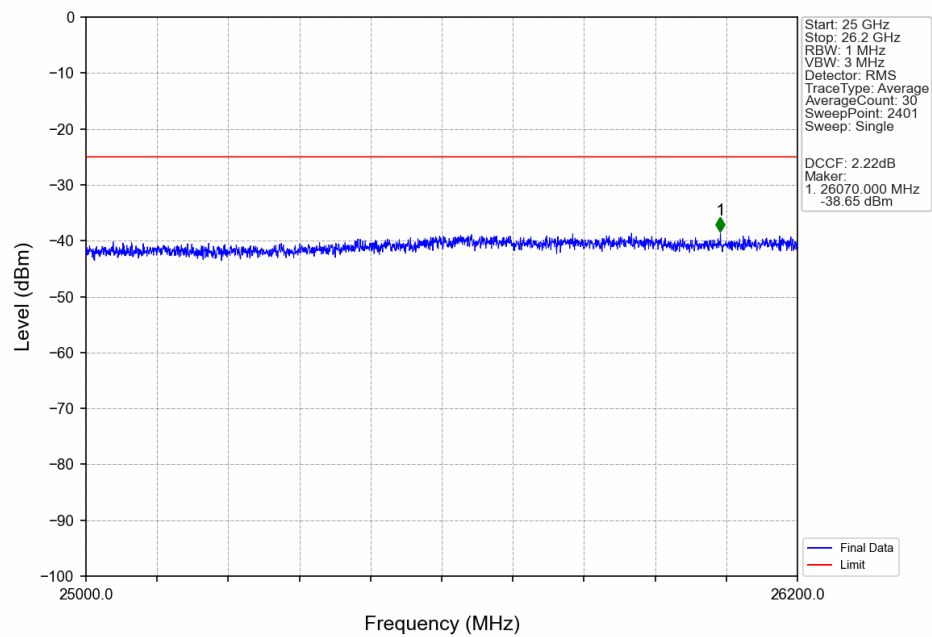
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2:
100@0



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_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



4. Field Strength of Spurious Radiation

CA_38C-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5142.0	-63.08	-25	-38.08	-68.69	4.62	10.23	Horizontal	Pass
7713.0	-59.43	-25	-34.43	-66.46	4.96	11.99	Horizontal	Pass
10284.0	-56.91	-25	-31.91	-64.48	5.51	13.08	Horizontal	Pass
5142.0	-63.31	-25	-38.31	-68.92	4.62	10.23	Vertical	Pass
7713.0	-59.45	-25	-34.45	-66.48	4.96	11.99	Vertical	Pass
10284.0	-56.62	-25	-31.62	-64.19	5.51	13.08	Vertical	Pass

CA_38C-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5152.2	-62.64	-25	-37.64	-68.25	4.62	10.23	Horizontal	Pass
7728.3	-58.62	-25	-33.62	-65.67	4.96	12.01	Horizontal	Pass
10304.4	-56.39	-25	-31.39	-63.96	5.51	13.08	Horizontal	Pass
5152.2	-62.75	-25	-37.75	-68.36	4.62	10.23	Vertical	Pass
7728.3	-58.9	-25	-33.9	-65.95	4.96	12.01	Vertical	Pass
10304.4	-55.94	-25	-30.94	-63.51	5.51	13.08	Vertical	Pass

CA_38C-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5162.2	-62.61	-25	-37.61	-68.23	4.62	10.24	Horizontal	Pass
7743.3	-58.88	-25	-33.88	-65.95	4.96	12.03	Horizontal	Pass
10324.4	-56.01	-25	-31.01	-63.59	5.51	13.09	Horizontal	Pass
5162.2	-62.53	-25	-37.53	-68.15	4.62	10.24	Vertical	Pass
7743.3	-59.04	-25	-34.04	-66.11	4.96	12.03	Vertical	Pass
10324.4	-55.87	-25	-30.87	-63.45	5.51	13.09	Vertical	Pass