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	23.49	-28.72	23.49	-1.49	22.00	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	9.41	9.45	12.44	-1.49	10.95	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.22	18.00	21.12	-1.49	19.63	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	20.22	20.24	23.24	-1.49	21.75	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	17.67	17.52	20.61	-1.49	19.12	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	23.76	-28.67	23.76	-1.49	22.27	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	9.48	9.57	12.54	-1.49	11.05	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.63	17.31	21.03	-1.49	19.54	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	20.59	19.99	23.31	-1.49	21.82	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	17.76	17.62	20.70	-1.49	19.21	<=33.01	Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	23.43	-29.29	23.43	-1.49	21.94	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	9.29	9.27	12.29	-1.49	10.80	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	17.02	18.75	20.98	-1.49	19.49	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	20.26	20.27	23.27	-1.49	21.78	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	17.74	17.57	20.66	-1.49	19.17	<=33.01	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	22.32	-29.75	22.32	-1.49	20.83	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	9.28	9.36	12.33	-1.49	10.84	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.07	17.84	20.97	-1.49	19.48	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	19.34	19.41	22.38	-1.49	20.89	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.37	16.98	19.69	-1.49	18.20	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	22.83	-29.46	22.83	-1.49	21.34	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	9.39	9.43	12.42	-1.49	10.93	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.14	17.88	21.02	-1.49	19.53	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	19.48	19.45	22.48	-1.49	20.99	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.80	16.61	19.72	-1.49	18.23	<=33.01	Pass

		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	22.85	-29.73	22.85	-1.49	21.36	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	9.35	9.51	12.44	-1.49	10.95	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.13	17.84	21.00	-1.49	19.51	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	19.51	19.40	22.47	-1.49	20.98	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.78	16.60	19.70	-1.49	18.21	<=33.01	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	21.75	-29.96	21.75	-1.49	20.26	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	9.47	9.49	12.49	-1.49	11.00	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.07	17.87	20.98	-1.49	19.49	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	18.55	18.52	21.54	-1.49	20.05	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	18.58	18.42	21.51	-1.49	20.02	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	21.78	-30.23	21.78	-1.49	20.29	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	9.43	9.52	12.48	-1.49	10.99	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.14	17.87	21.02	-1.49	19.53	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	18.52	18.53	21.54	-1.49	20.05	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	18.34	18.64	21.50	-1.49	20.01	<=33.01	Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	21.34	-31.15	21.35	-1.49	19.86	<=33.01	Pass
			CC1: 1@74 CC2: 1@0	9.51	9.35	12.44	-1.49	10.95	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	18.20	17.86	21.04	-1.49	19.55	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	18.46	18.42	21.45	-1.49	19.96	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	18.56	18.41	21.49	-1.49	20.00	<=33.01	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	23.79	-29.64	23.79	-1.49	22.30	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	9.32	9.42	12.38	-1.49	10.89	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.15	17.81	20.99	-1.49	19.50	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	20.45	20.36	23.41	-1.49	21.92	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	17.86	17.60	20.74	-1.49	19.25	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	23.76	-29.66	23.76	-1.49	22.27	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	9.32	9.41	12.37	-1.49	10.88	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	17.67	18.30	21.01	-1.49	19.52	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	20.68	20.02	23.37	-1.49	21.88	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	17.80	17.58	20.70	-1.49	19.21	<=33.01	Pass
		CC1:2590.2	CC1: 1@0	23.75	-30.05	23.75	-1.49	22.26	<=33.01	Pass

		CC2:2610	CC2: 0@0							
			CC1: 1@99 CC2: 1@0	9.32	9.44	12.39	-1.49	10.90	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.63	17.24	21.00	-1.49	19.51	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	20.44	20.28	23.37	-1.49	21.88	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	18.07	17.11	20.63	-1.49	19.14	<=33.01	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	23.03	-30.21	23.03	-1.49	21.54	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	9.62	9.52	12.58	-1.49	11.09	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.19	17.83	21.02	-1.49	19.53	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	19.53	19.41	22.48	-1.49	20.99	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	16.81	16.62	19.73	-1.49	18.24	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	22.73	-30.82	22.73	-1.49	21.24	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	9.75	9.62	12.69	-1.49	11.20	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.13	17.76	20.96	-1.49	19.47	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	19.49	19.38	22.45	-1.49	20.96	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	16.83	16.61	19.73	-1.49	18.24	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	22.72	-30.72	22.72	-1.49	21.23	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	9.60	9.60	12.61	-1.49	11.12	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.12	17.80	20.97	-1.49	19.48	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	19.24	19.62	22.44	-1.49	20.95	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	16.84	16.58	19.72	-1.49	18.23	<=33.01	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	22.81	-30.25	22.81	-1.49	21.32	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	9.53	9.52	12.53	-1.49	11.04	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.20	17.88	21.05	-1.49	19.56	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	18.64	18.59	21.63	-1.49	20.14	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	18.61	18.44	21.54	-1.49	20.05	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	21.83	-31.45	21.83	-1.49	20.34	<=33.01	Pass
			CC1: 1@99 CC2: 1@0	9.55	9.59	12.58	-1.49	11.09	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.14	17.80	20.98	-1.49	19.49	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	18.55	18.47	21.52	-1.49	20.03	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	18.71	18.47	21.60	-1.49	20.11	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	21.77	-31.47	21.77	-1.49	20.28	<=33.01	Pass

			CC1: 1@99 CC2: 1@0	9.49	9.56	12.53	-1.49	11.04	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	18.09	17.77	20.94	-1.49	19.45	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	18.56	18.44	21.51	-1.49	20.02	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	18.63	18.36	21.51	-1.49	20.02	<=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	28.70	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.66	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.68	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.63	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.65	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.61	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.66	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.68	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.70	/	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	38.05	/	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	37.91	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	38.02	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	37.99	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.93	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	38.02	/	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	37.90	/	Pass

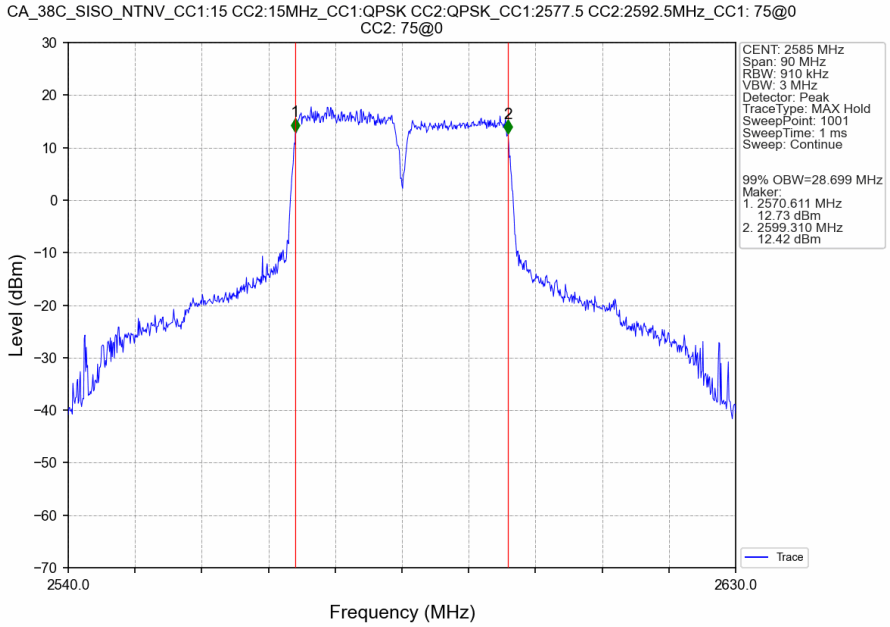
2.1.2 CA_38C_NTNV_XDB

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	30.87	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	31.53	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	33.84	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	30.66	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	32.03	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	31.45	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	31.17	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	30.79	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	32.12	/	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	40.52	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	44.94	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	41.19	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	42.28	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	43.88	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	41.64	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	43.05	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	42.82	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	41.37	/	Pass

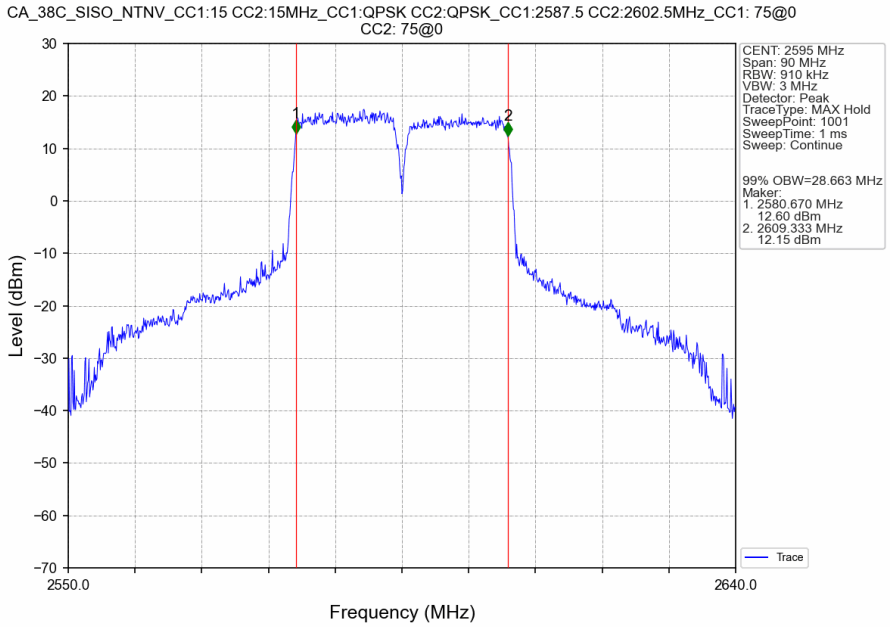
2.2 Test Graph

2.2.1 CA_38C_NTNV_OBW

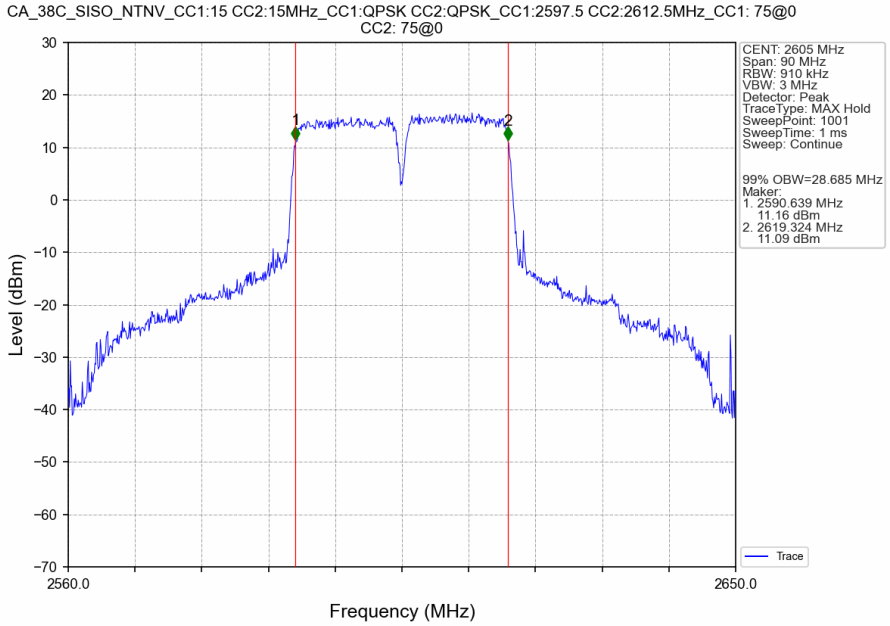
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



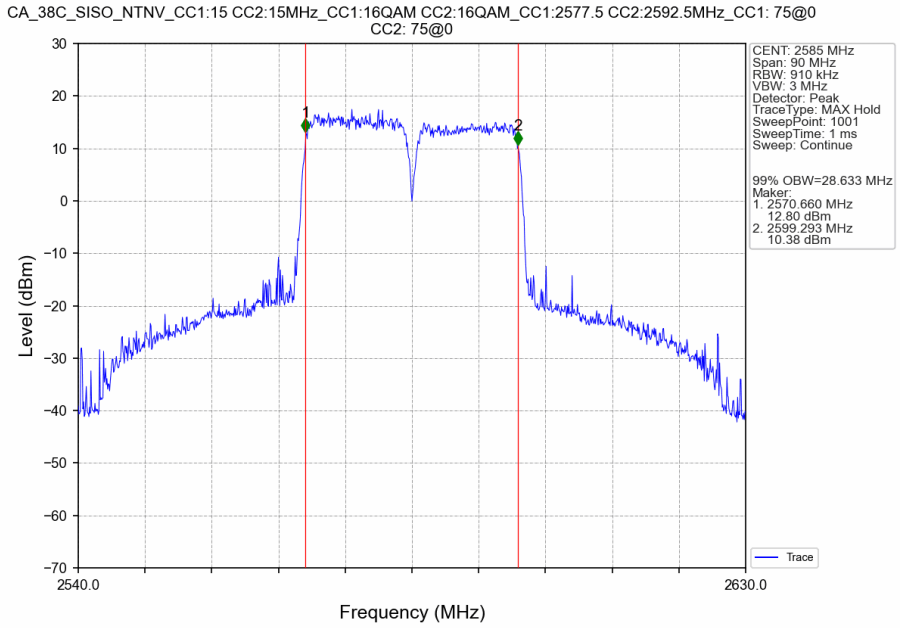
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



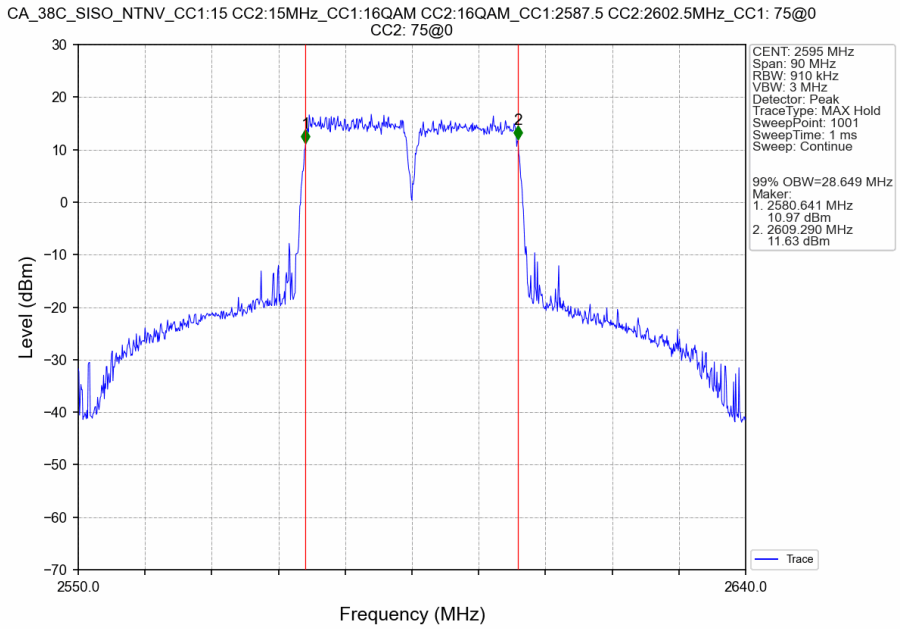
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



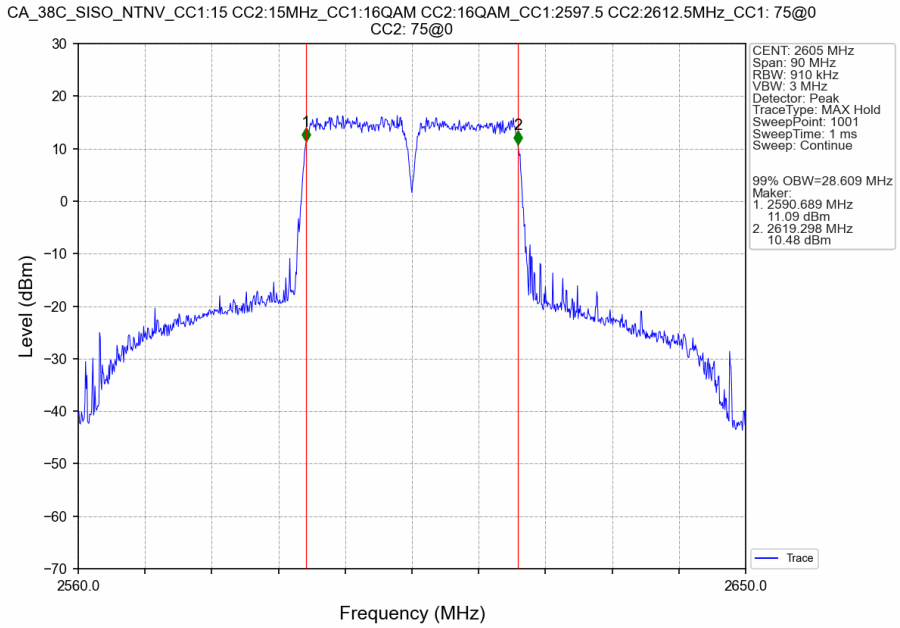
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



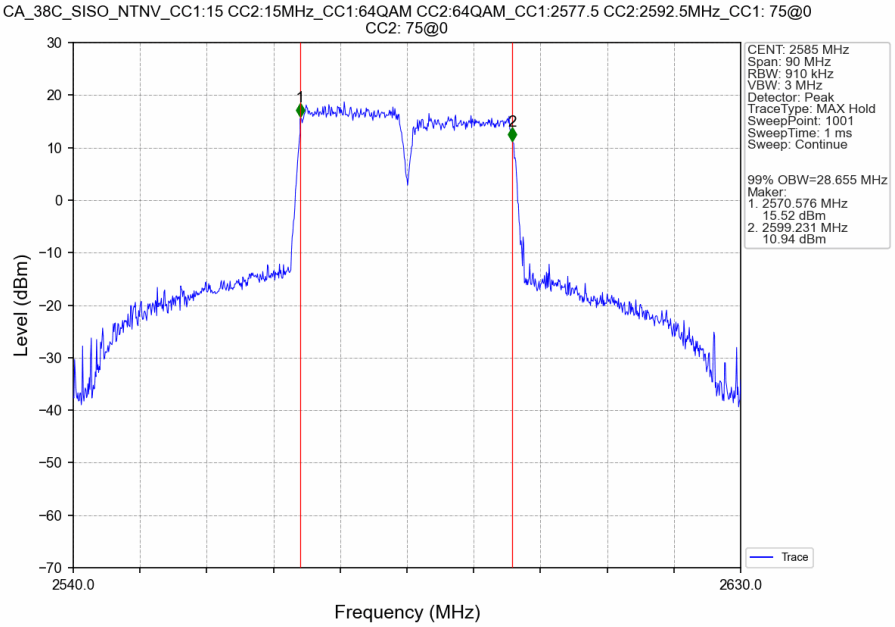
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



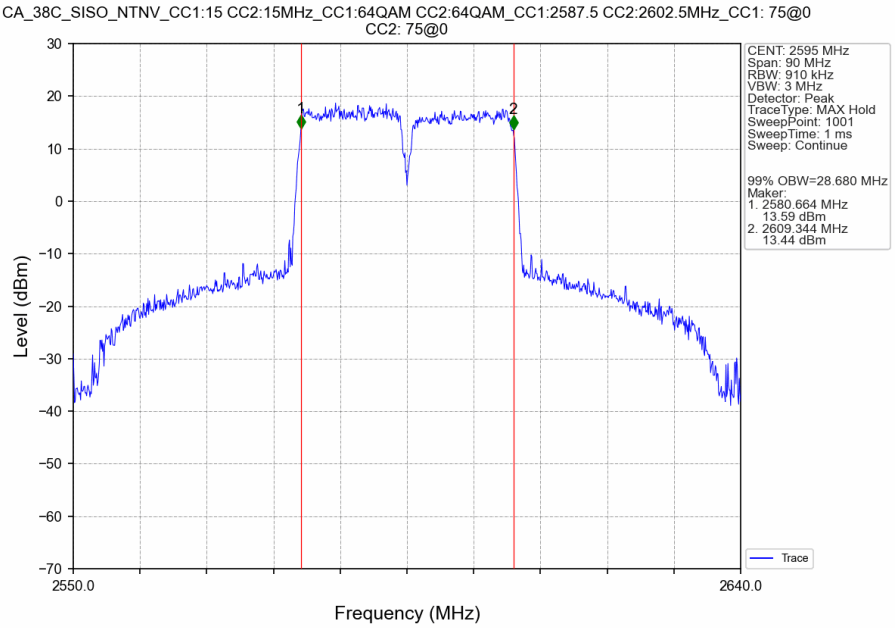
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



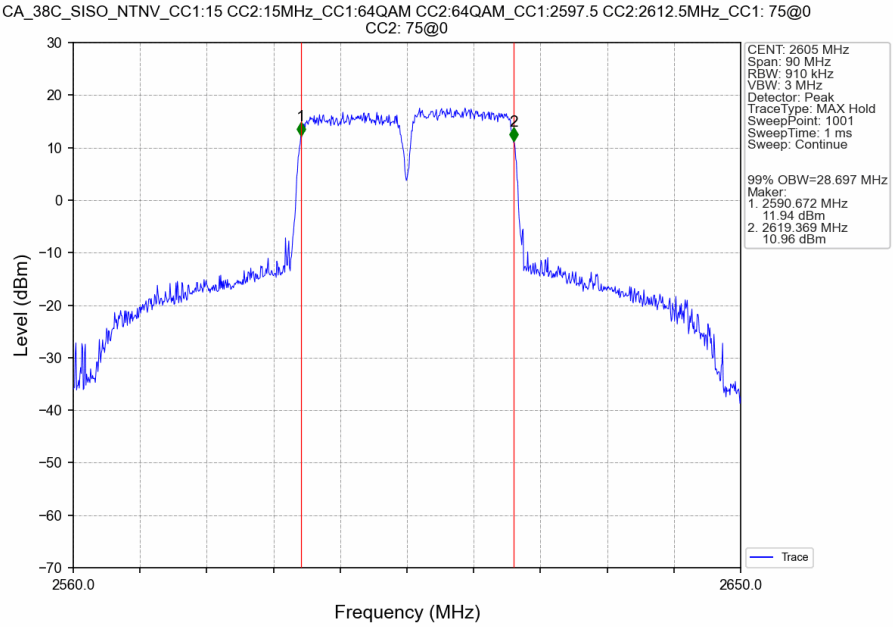
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



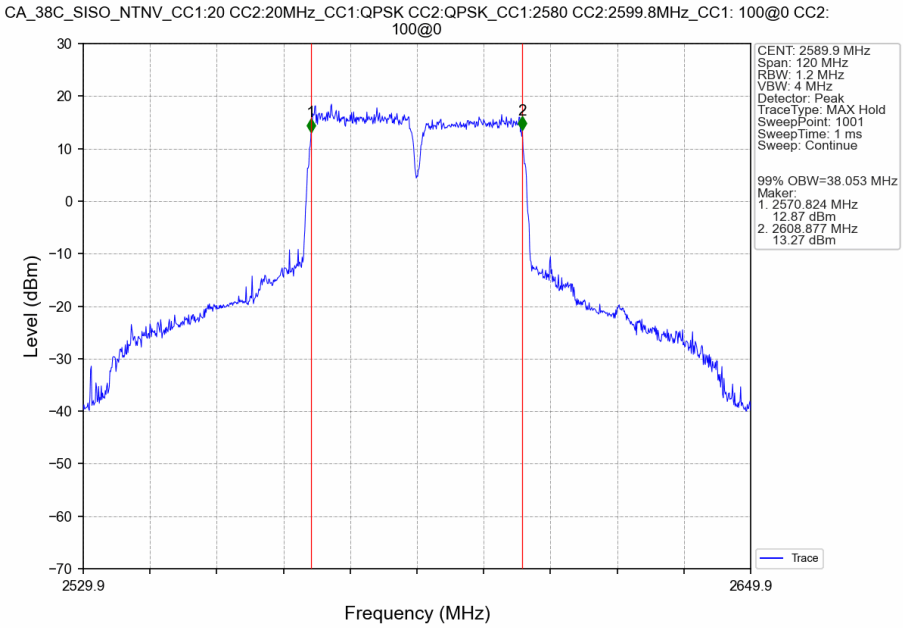
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



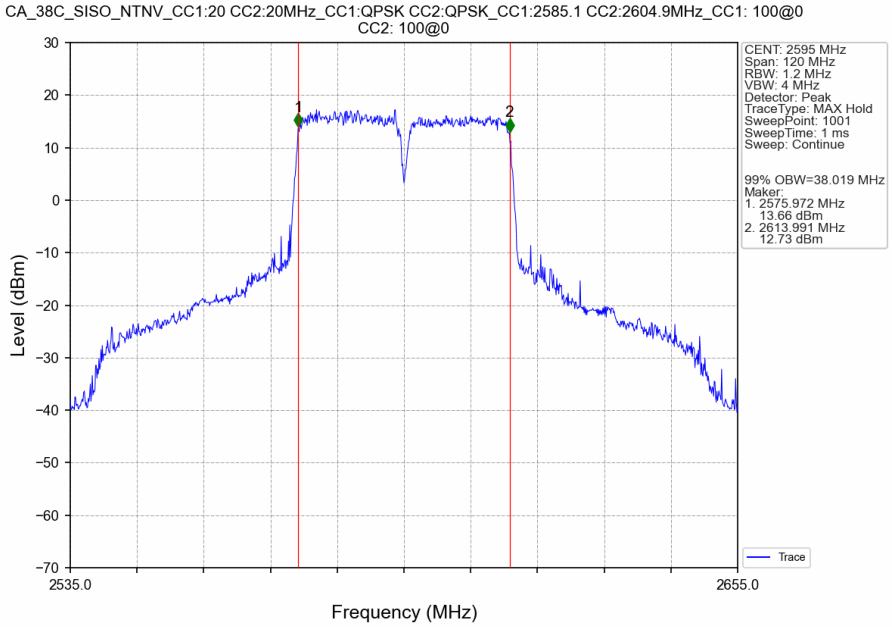
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



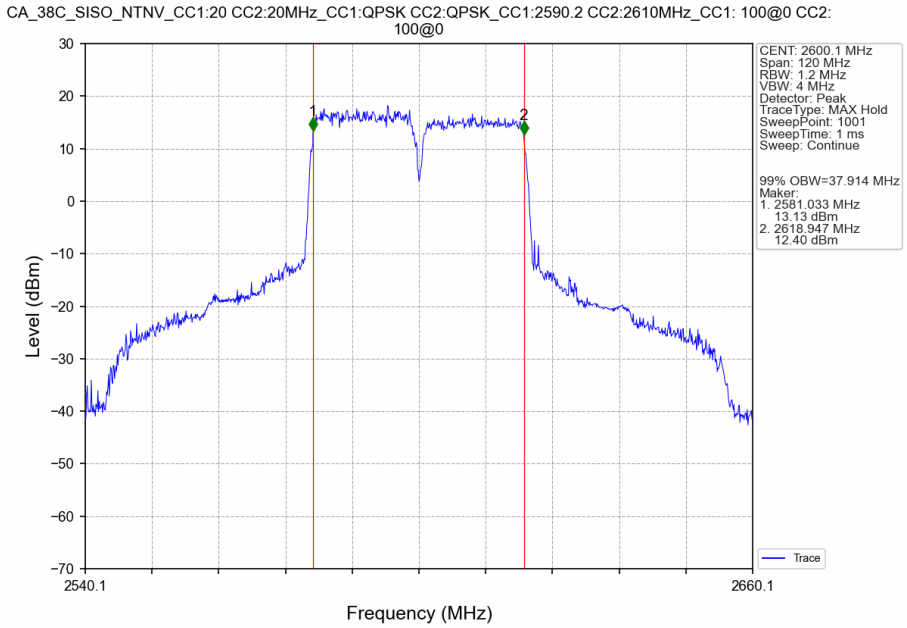
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



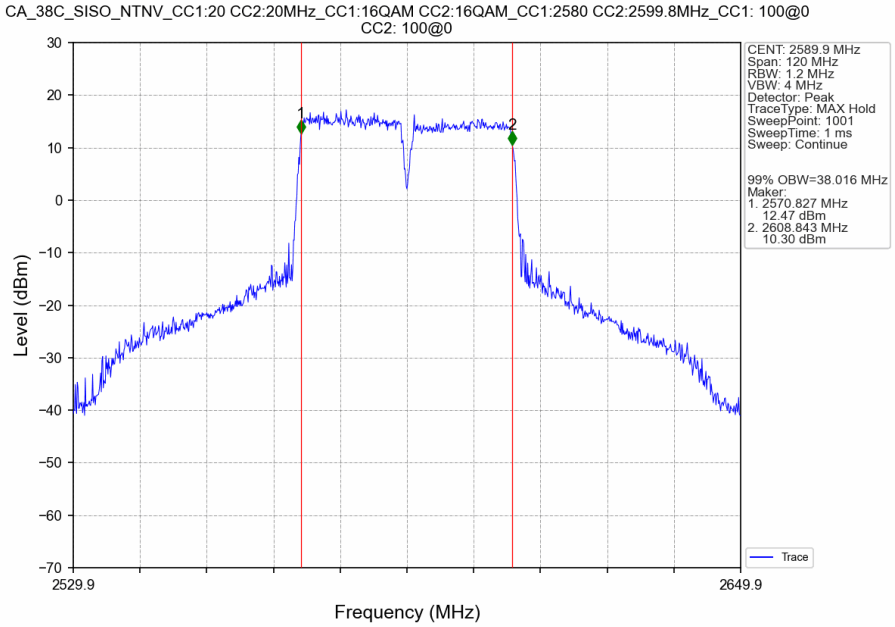
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



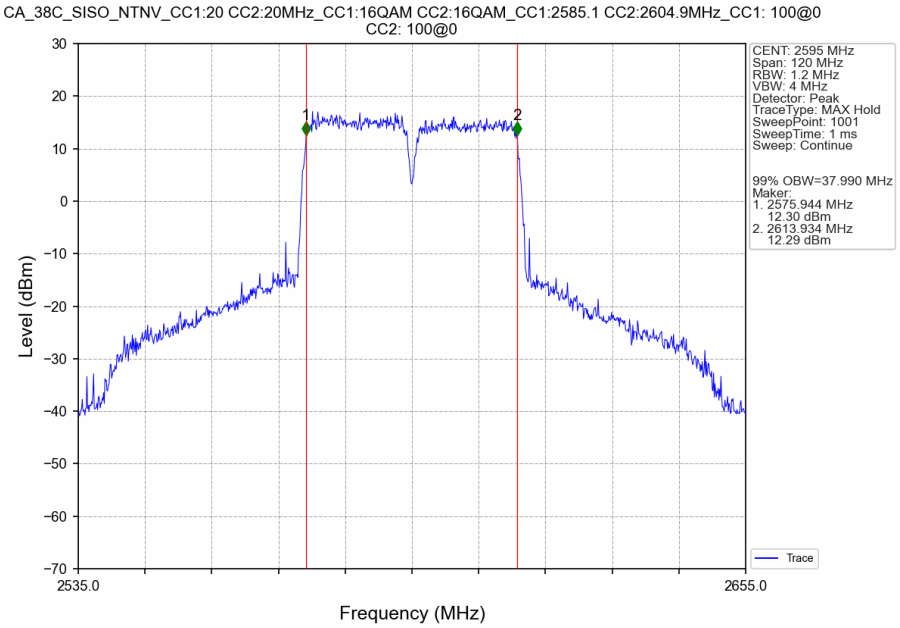
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



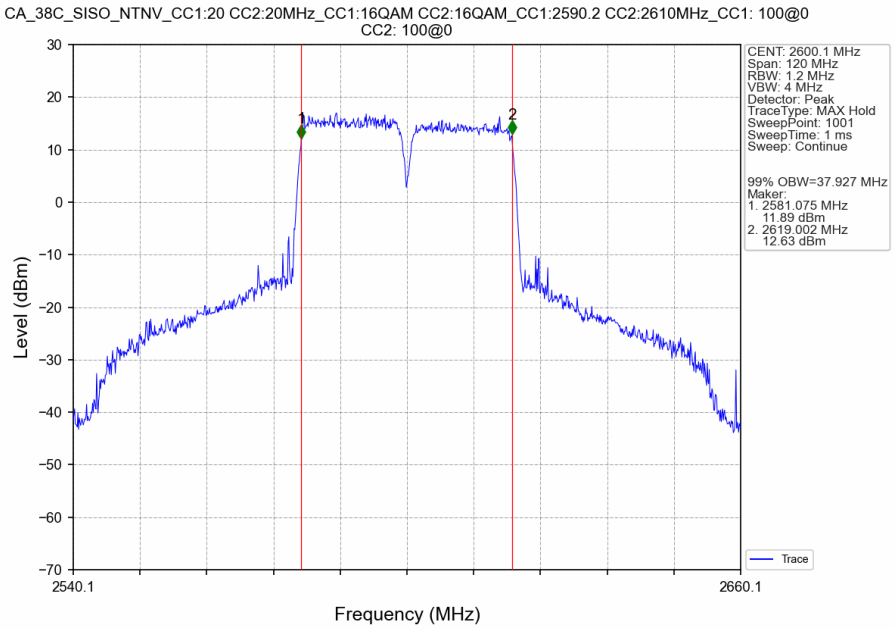
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



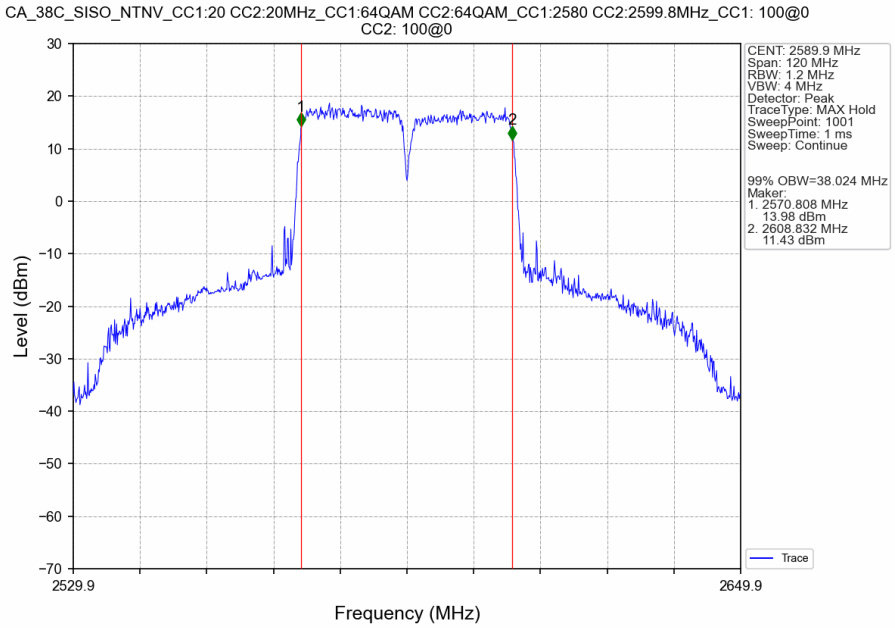
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



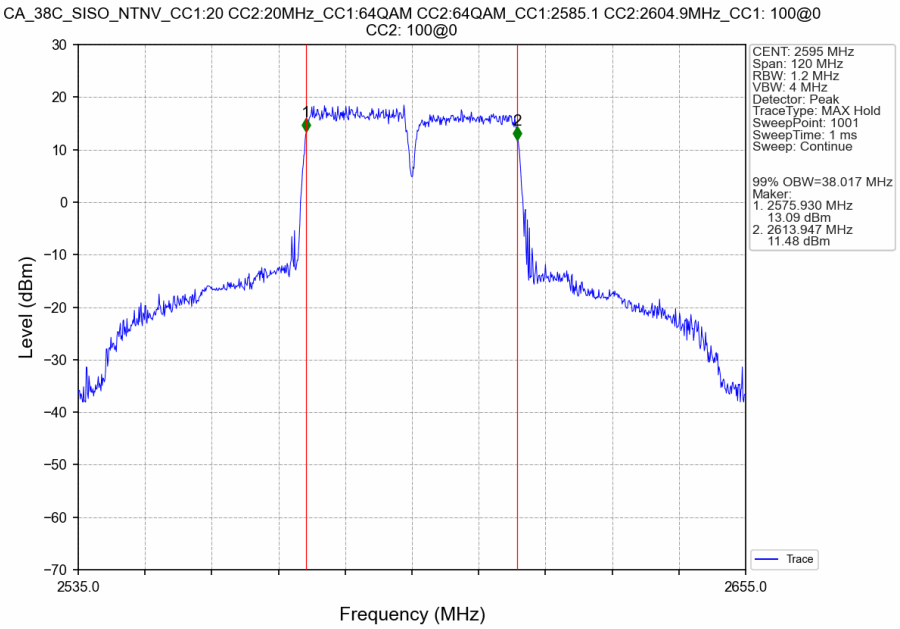
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



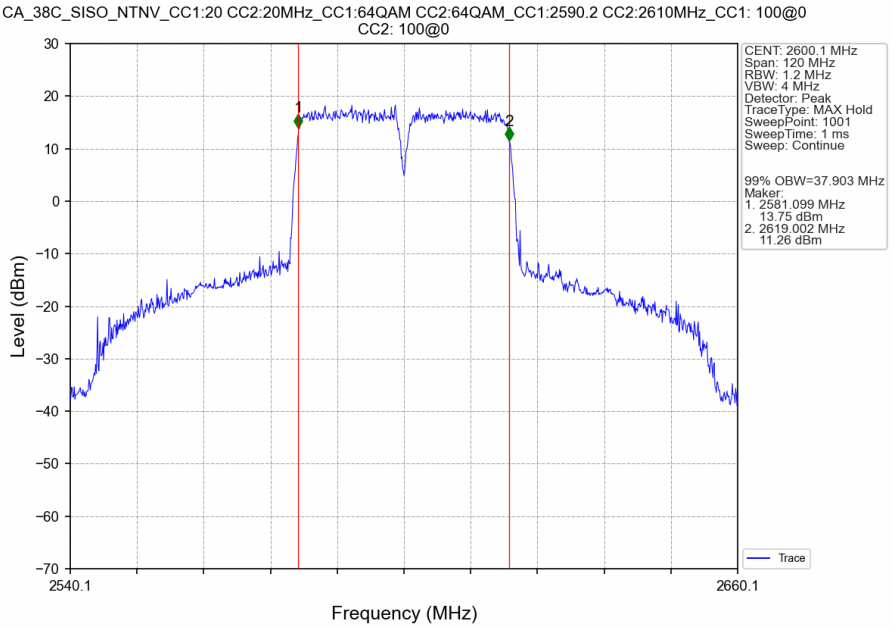
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



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

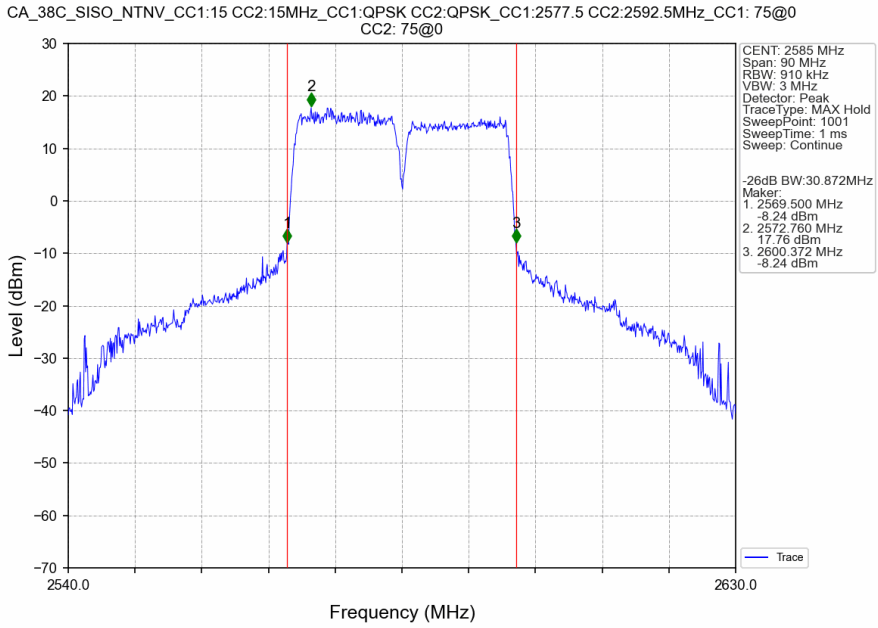


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0

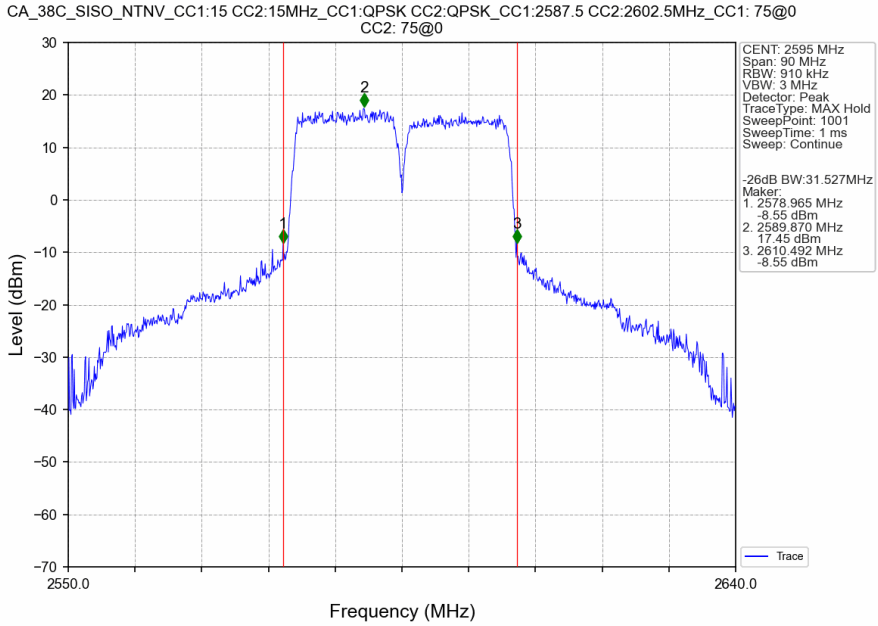


2.2.2 CA_38C_NTNV_XDB

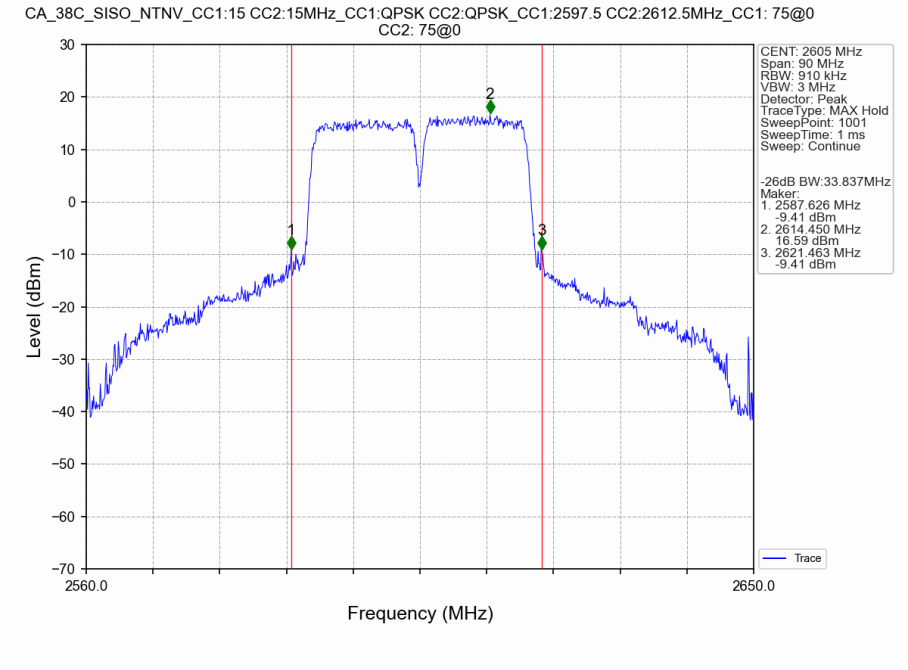
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



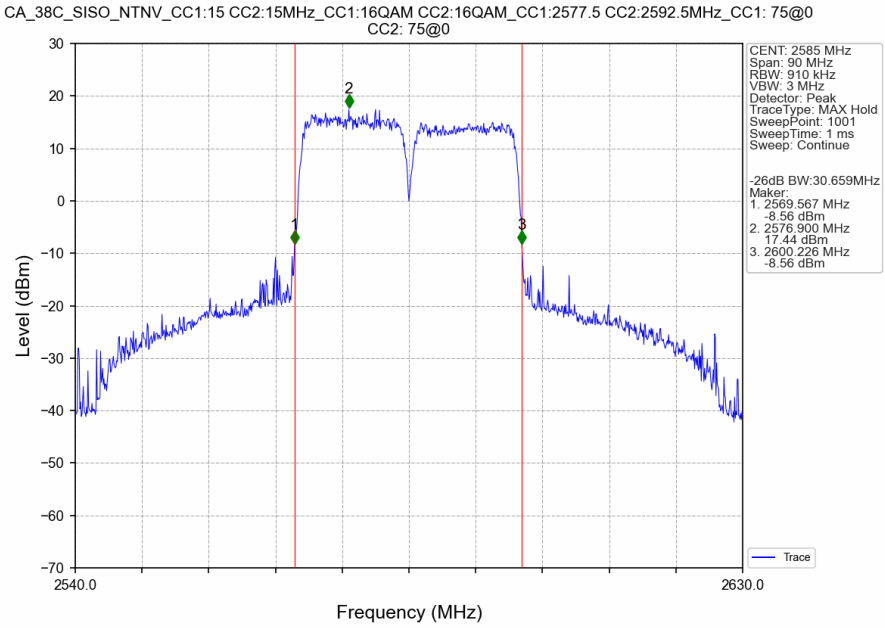
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



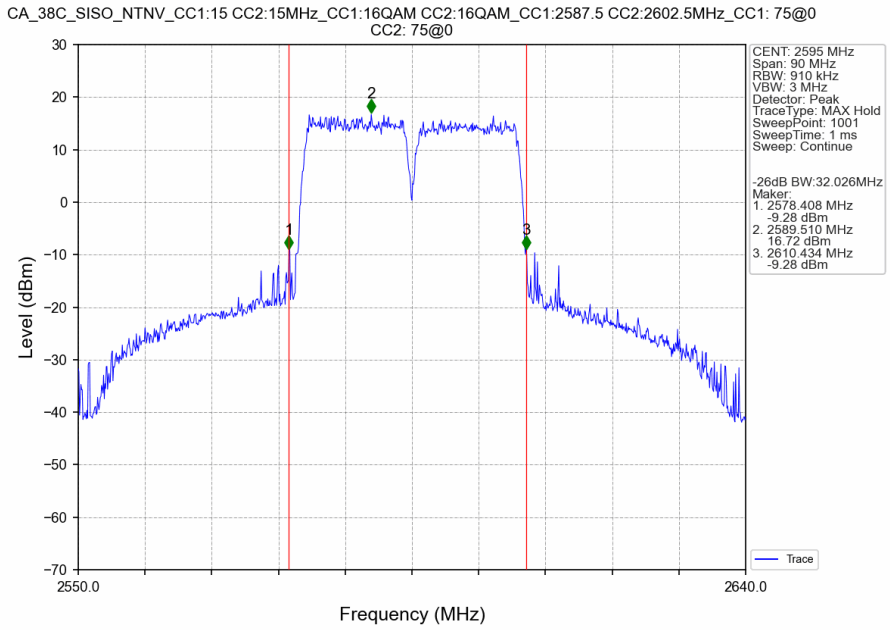
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



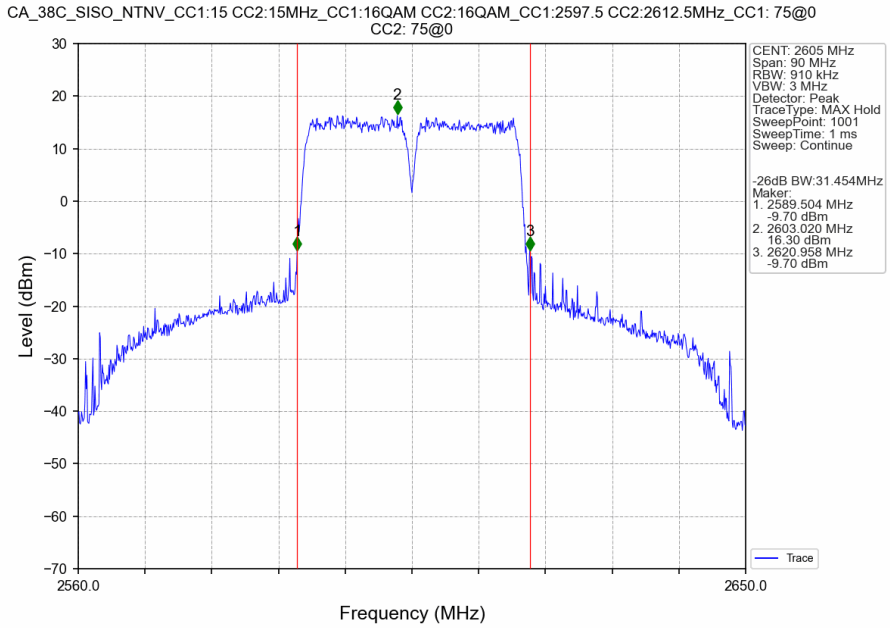
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



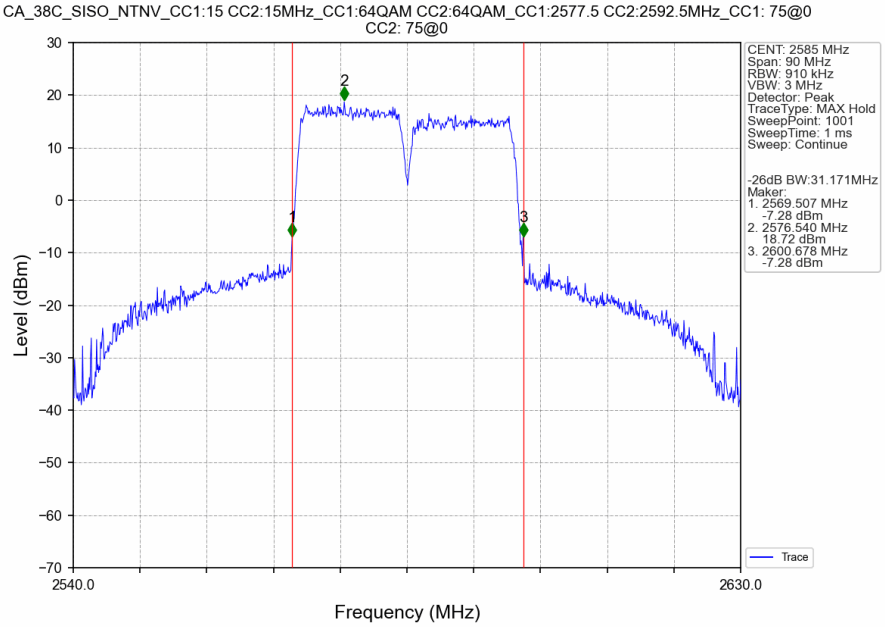
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



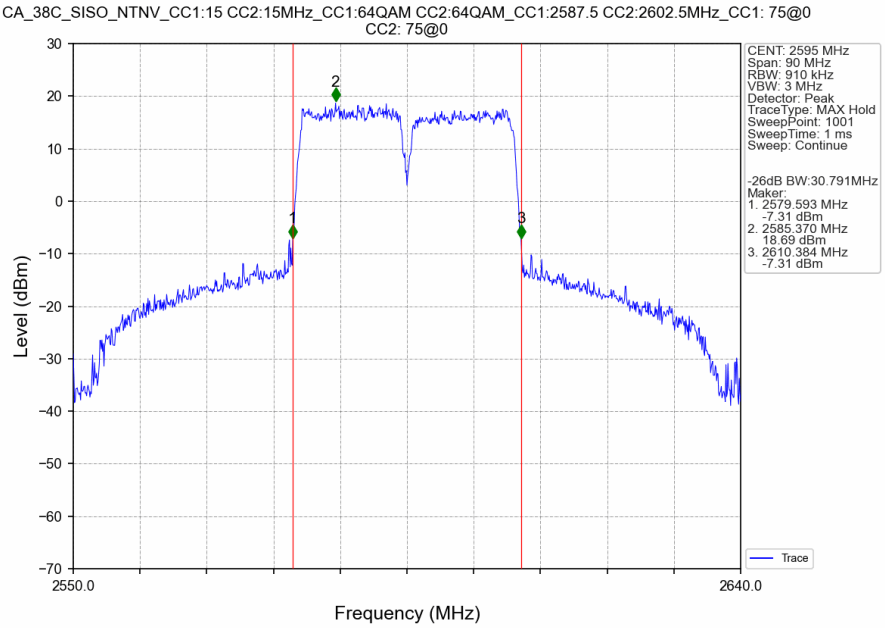
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



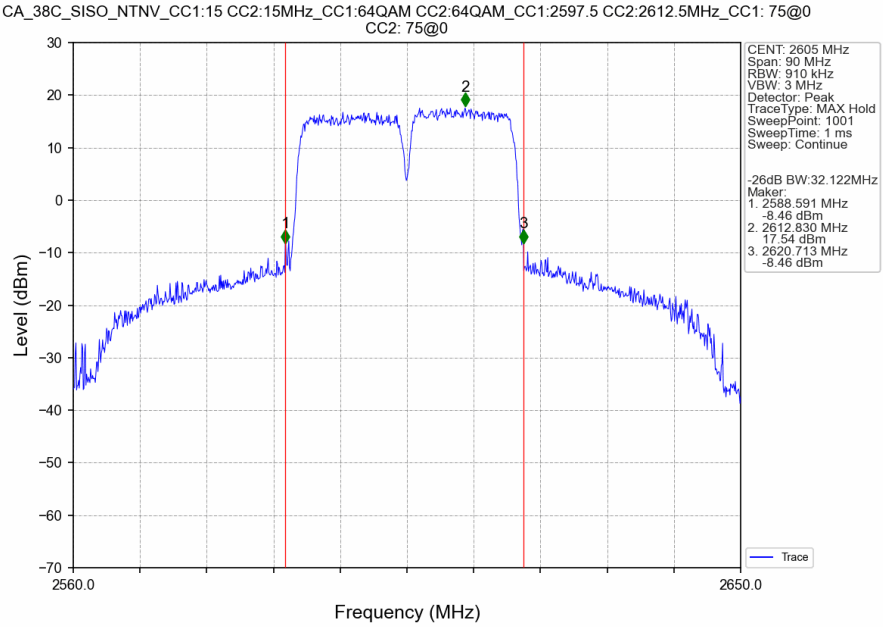
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



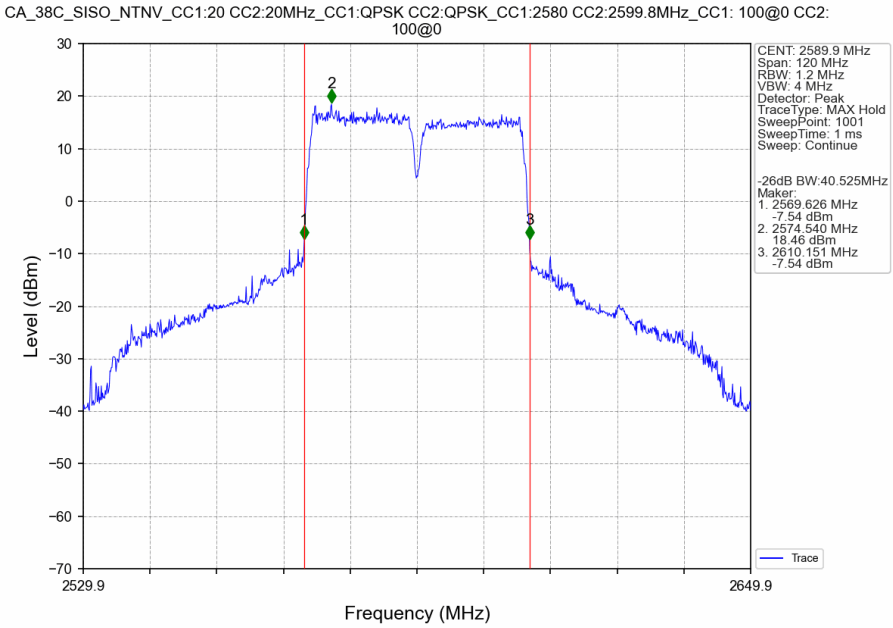
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



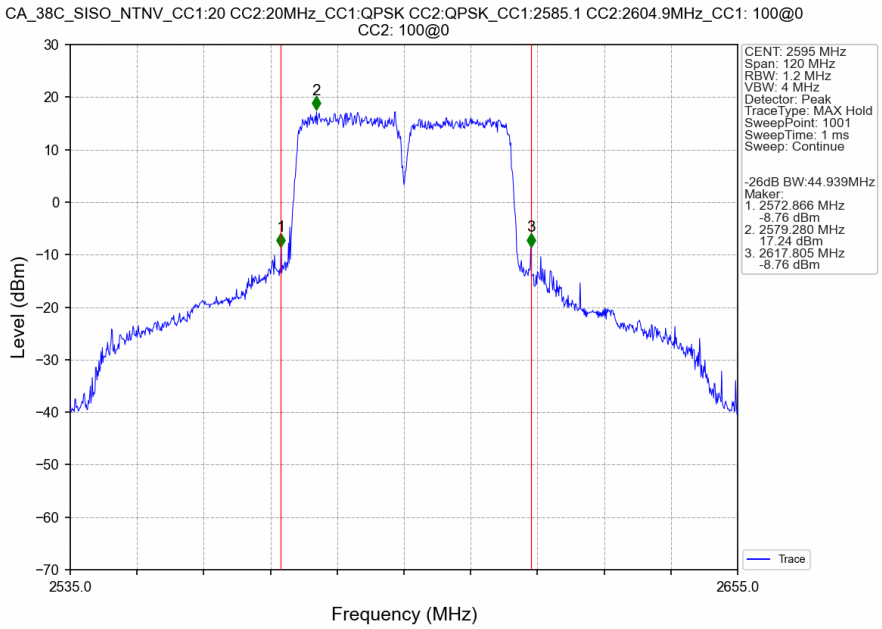
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



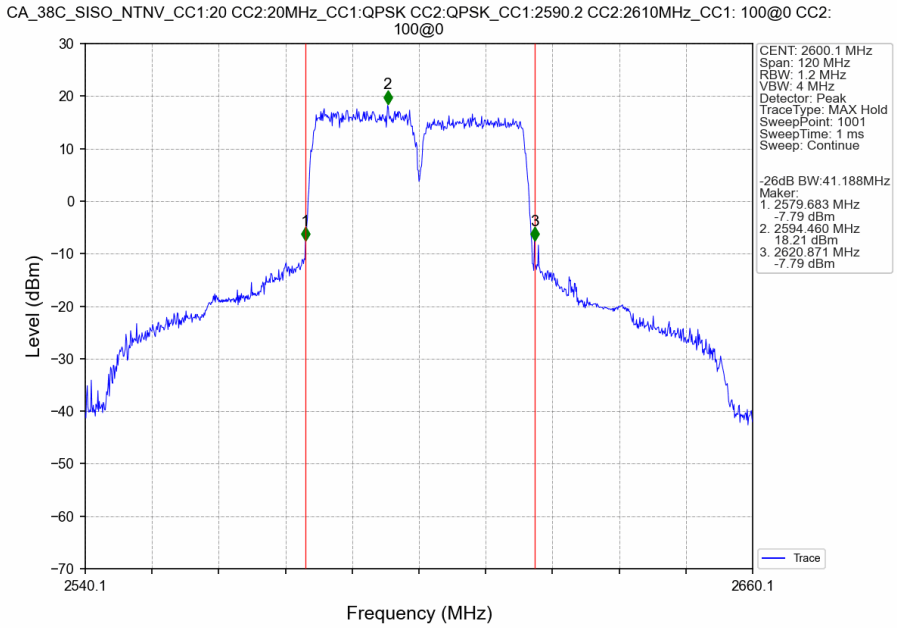
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



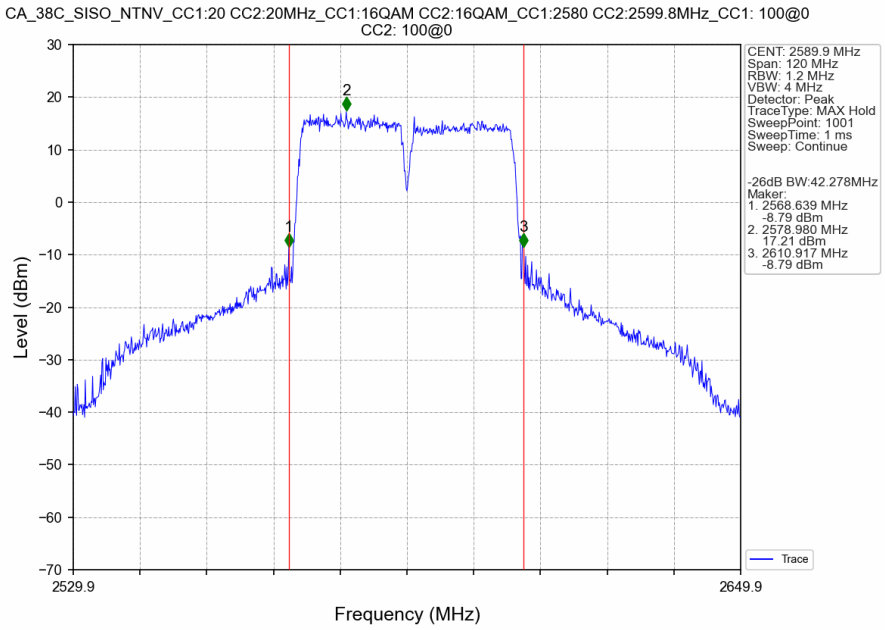
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



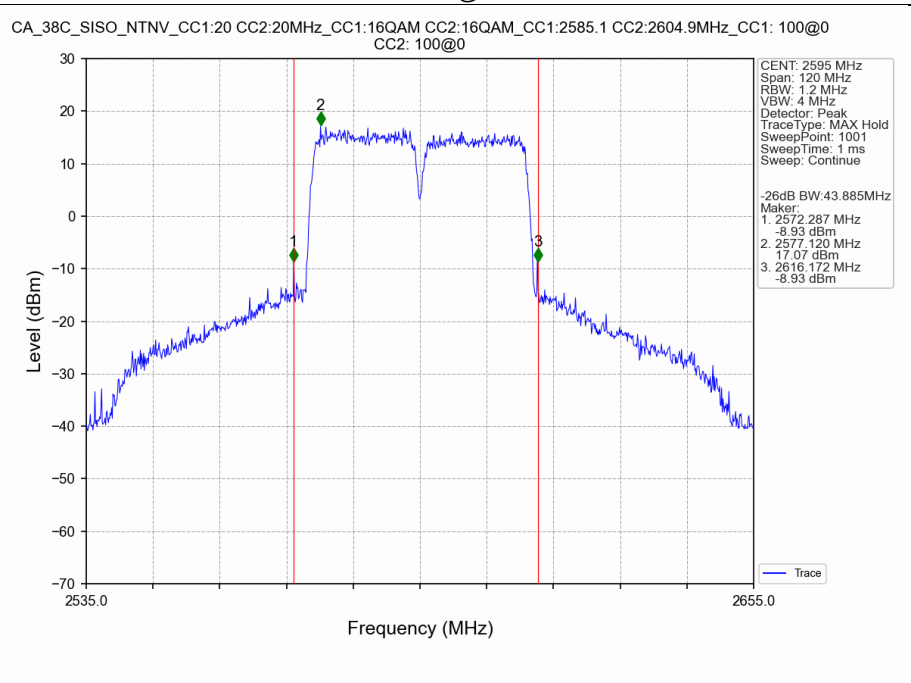
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



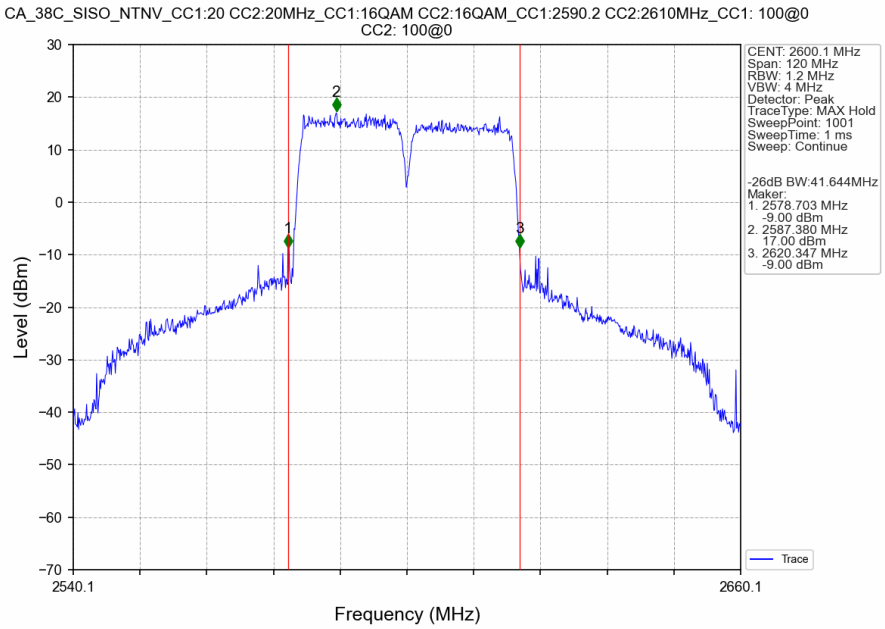
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



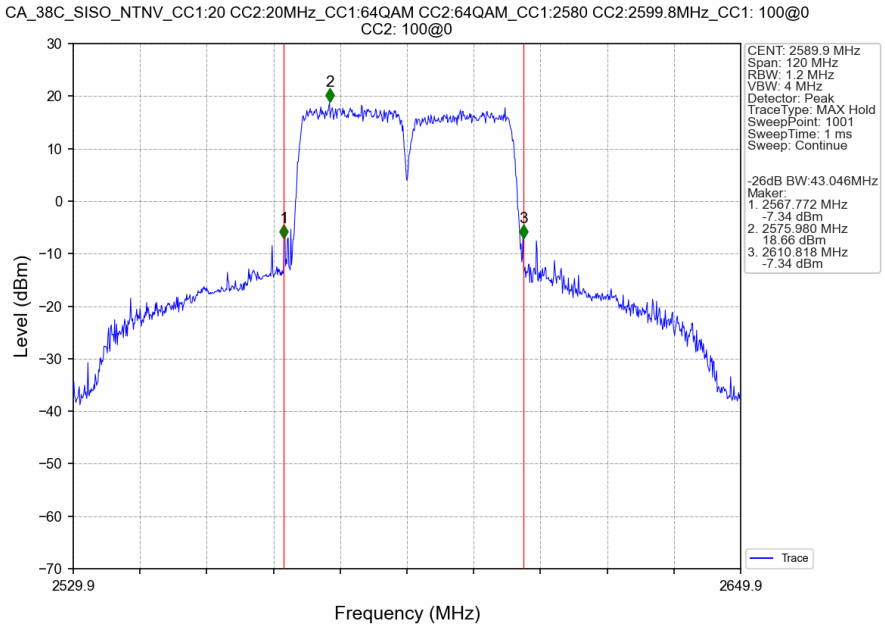
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



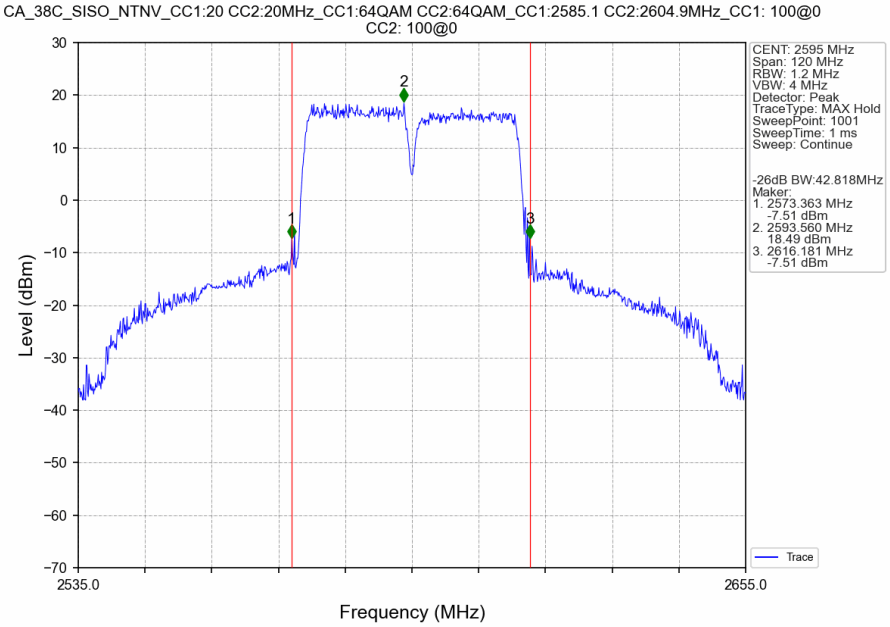
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



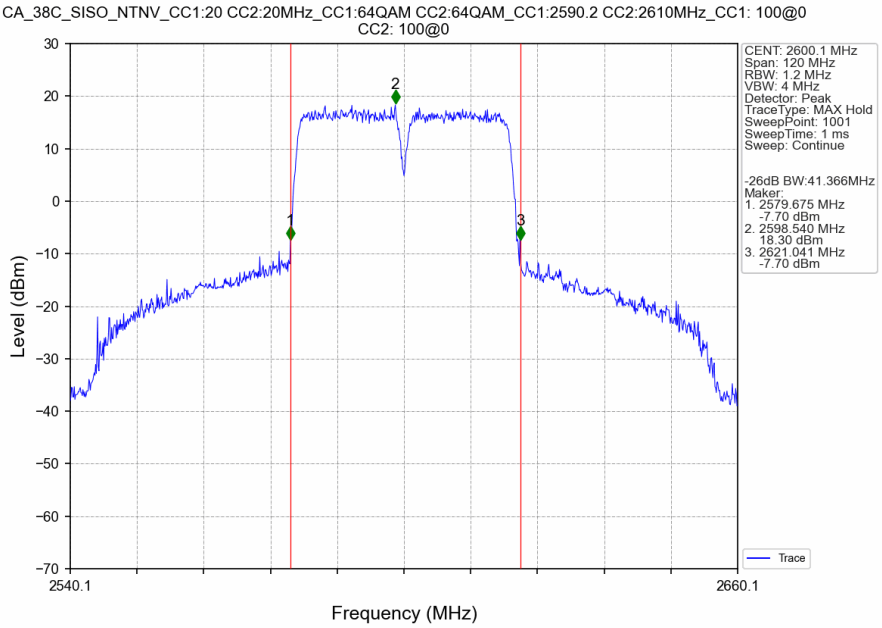
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



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



3. Spurious Emission

3.1 Test Result

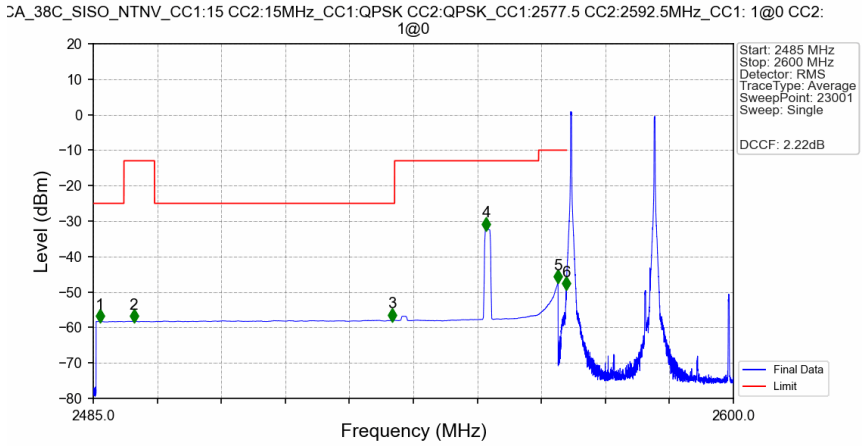
3.1.1 CA_38C_NTNV

Band: CA_38C / NTNV								
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

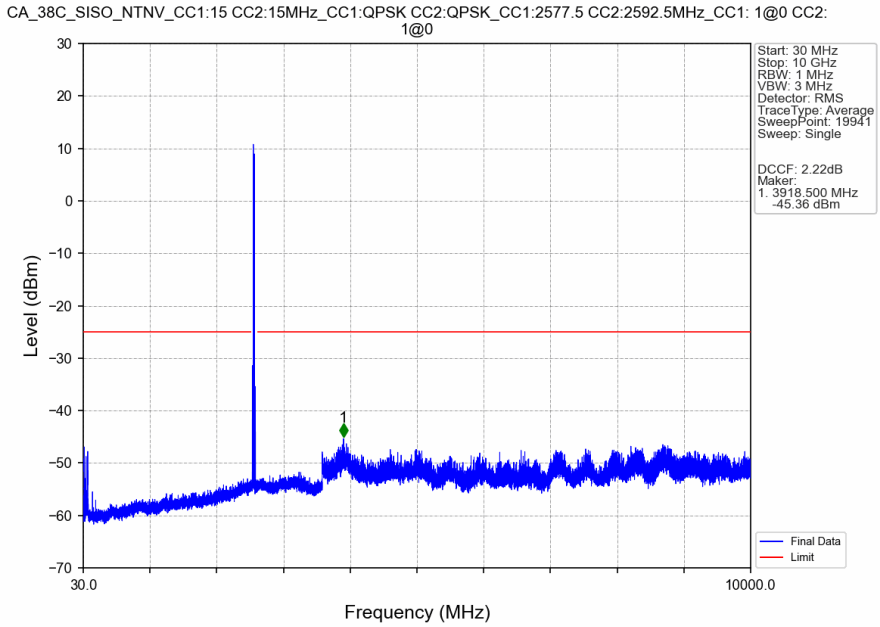
3.2.1 CA_38C_NTNV

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0

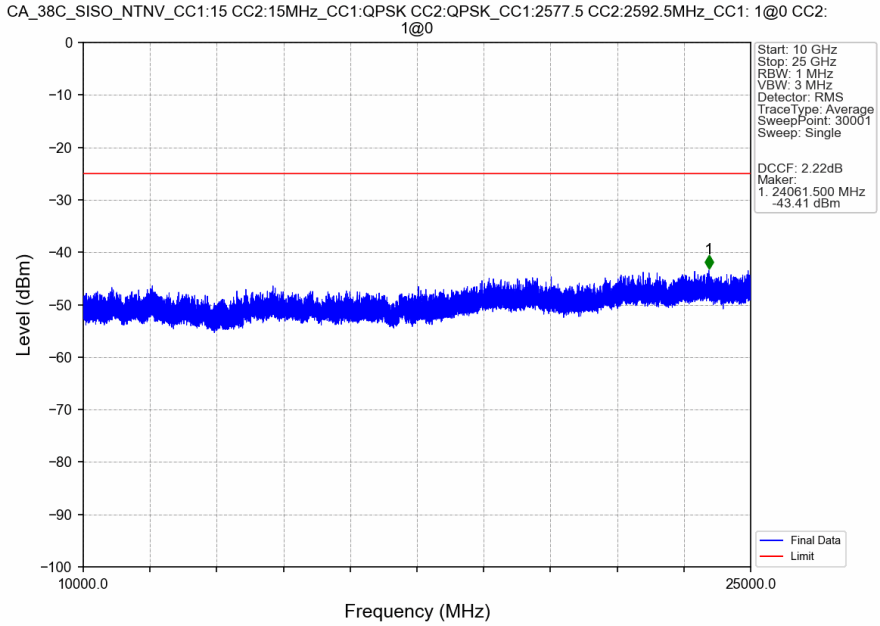


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.170	-58.28	-25	Pass
2490.5	2496	1	CHP	2	2492.290	-58.26	-13	Pass
2496	2539.128	1	CHP	3	2538.655	-57.98	-25	Pass
2539.128	2565	1	CHP	4	2555.570	-32.38	-13	Pass
2565	2569	1	CHP	5	2568.500	-47.19	-10	Pass
2569	2570	0.02	CHP	6	2569.985	-49.16	-10	Pass
2570	2600	0.02	CHP	/	/	/	/	/

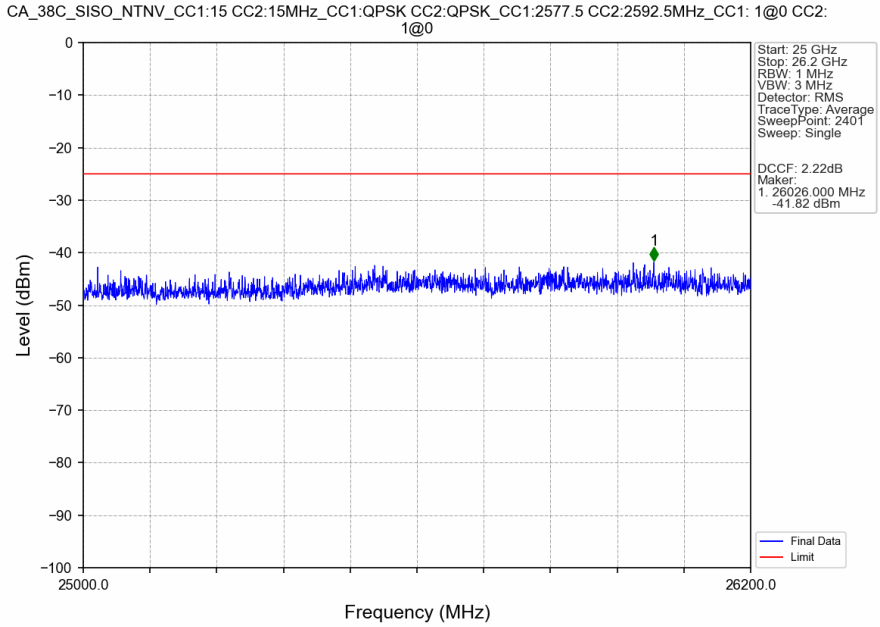
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0



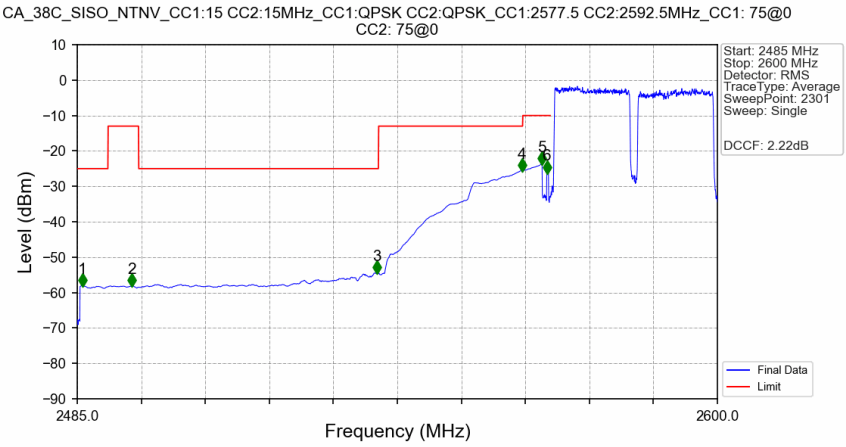
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@0

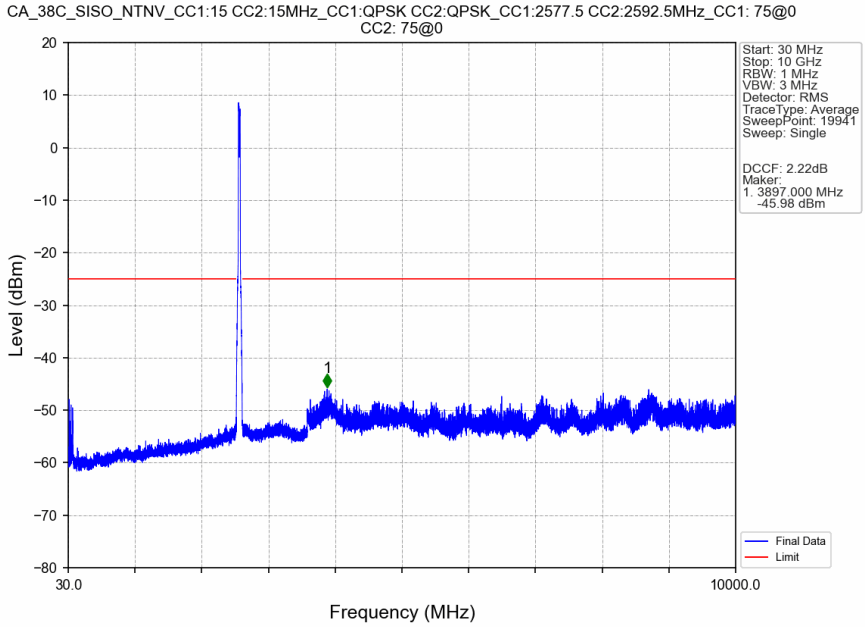


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0

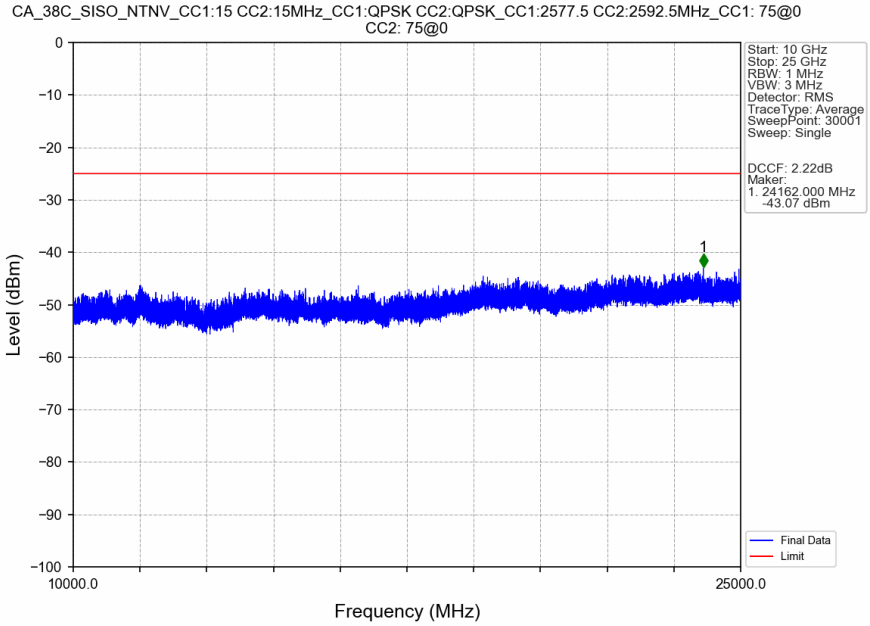


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.950	-58.04	-25	Pass
2490.5	2496	1	CHP	2	2494.750	-58.08	-13	Pass
2496	2539.128	1	CHP	3	2538.800	-54.40	-25	Pass
2539.128	2565	1	CHP	4	2564.900	-25.58	-13	Pass
2565	2569	1	CHP	5	2568.500	-23.59	-10	Pass
2569	2570	0.617	CHP	6	2569.350	-26.13	-10	Pass
2570	2600	0.1	/	/	/	/	/	/

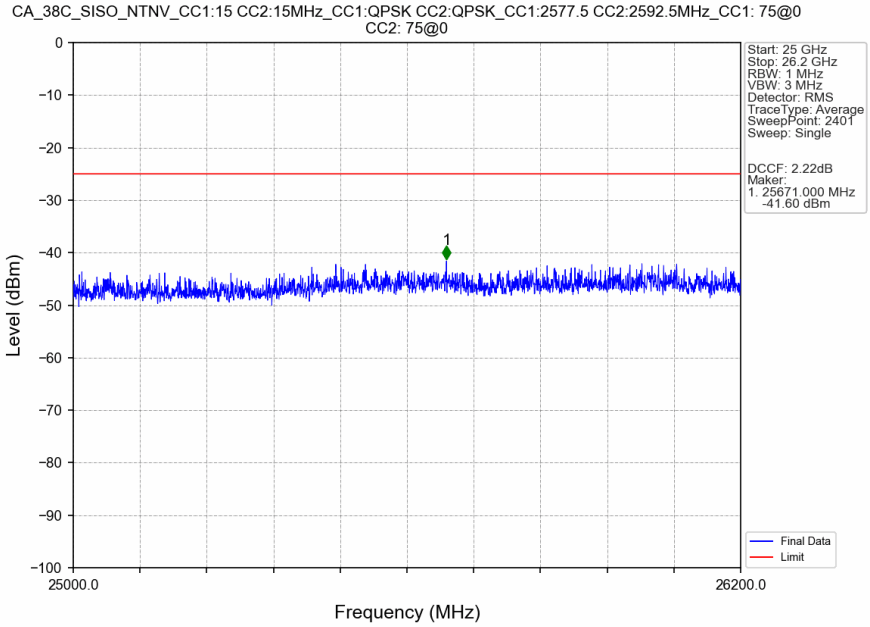
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



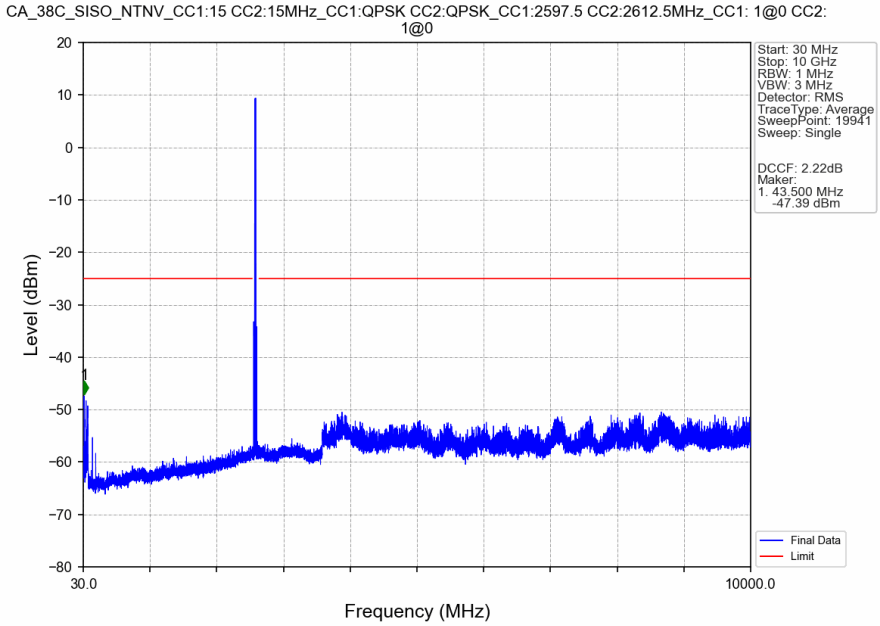
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



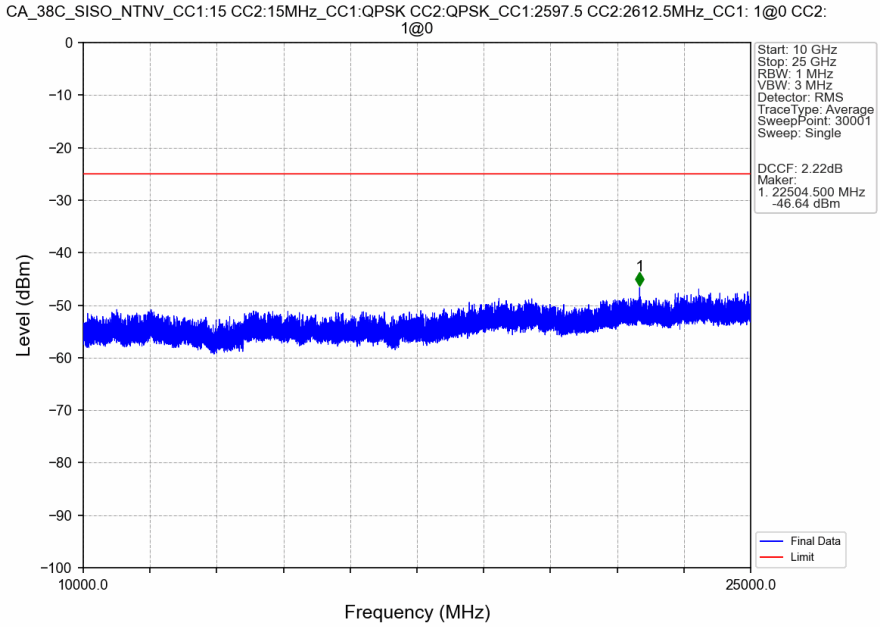
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



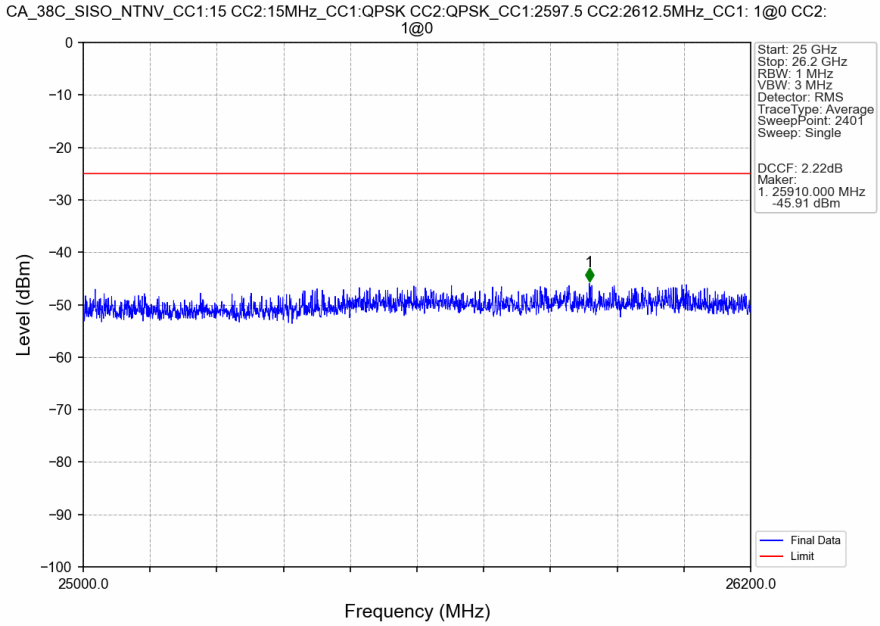
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0



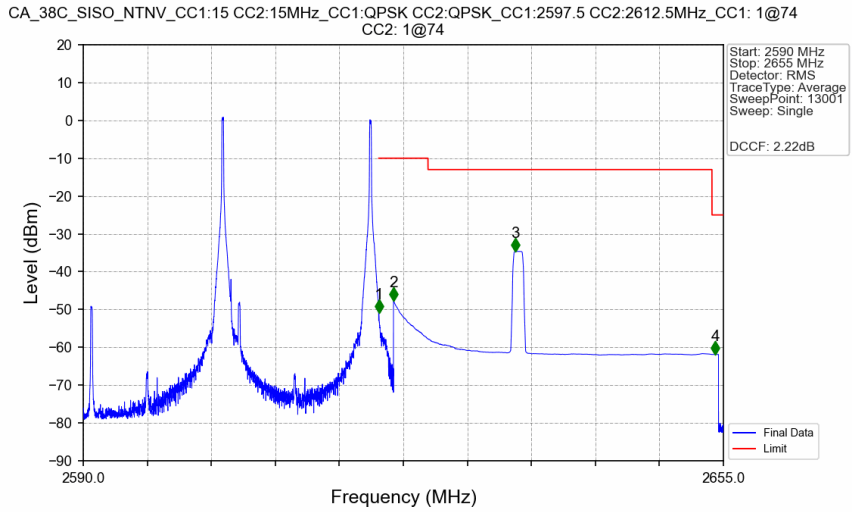
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@0



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

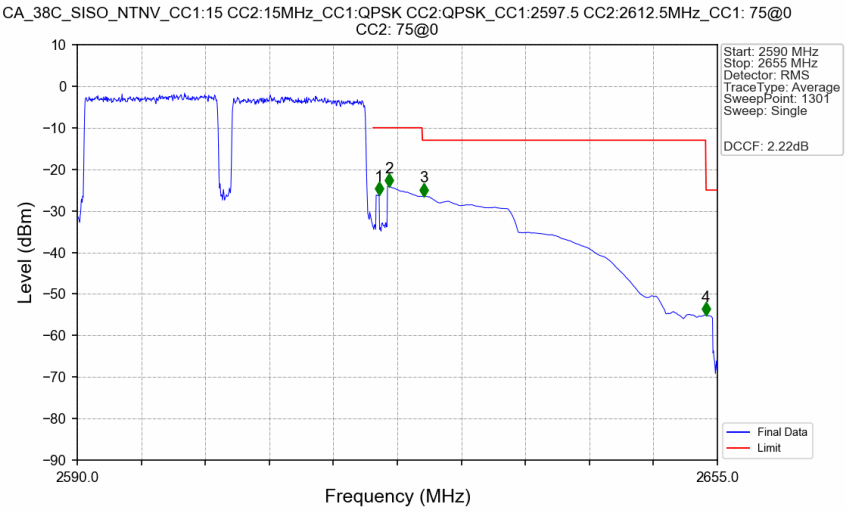


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@74 CC2: 1@74



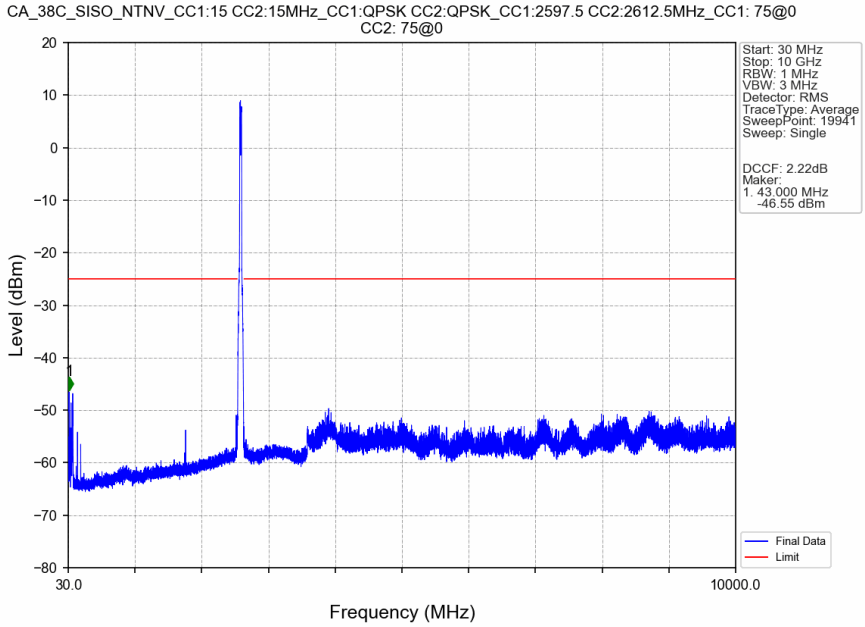
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.010	-50.90	-10	Pass
2621	2625	1	CHP	2	2621.500	-47.69	-10	Pass
2625	2653.837	1	CHP	3	2633.895	-34.63	-13	Pass
2653.837	2655	1	CHP	4	2654.185	-61.86	-25	Pass

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

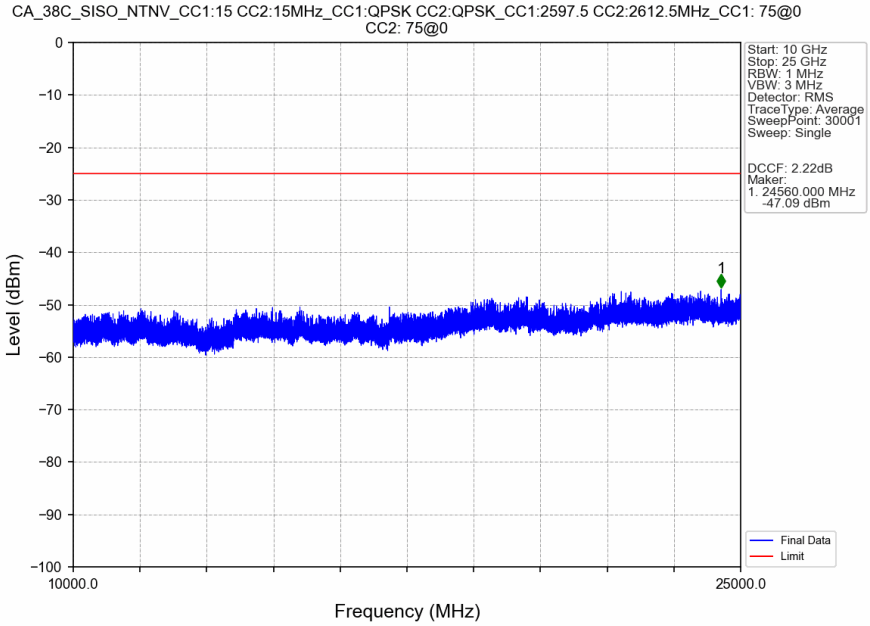


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.1	/	/	/	/	/	/
2620	2621	0.677	CHP	1	2620.650	-26.11	-10	Pass
2621	2625	1	CHP	2	2621.650	-24.12	-10	Pass
2625	2653.837	1	CHP	3	2625.200	-26.47	-13	Pass
2653.837	2655	1	CHP	4	2653.850	-55.11	-25	Pass

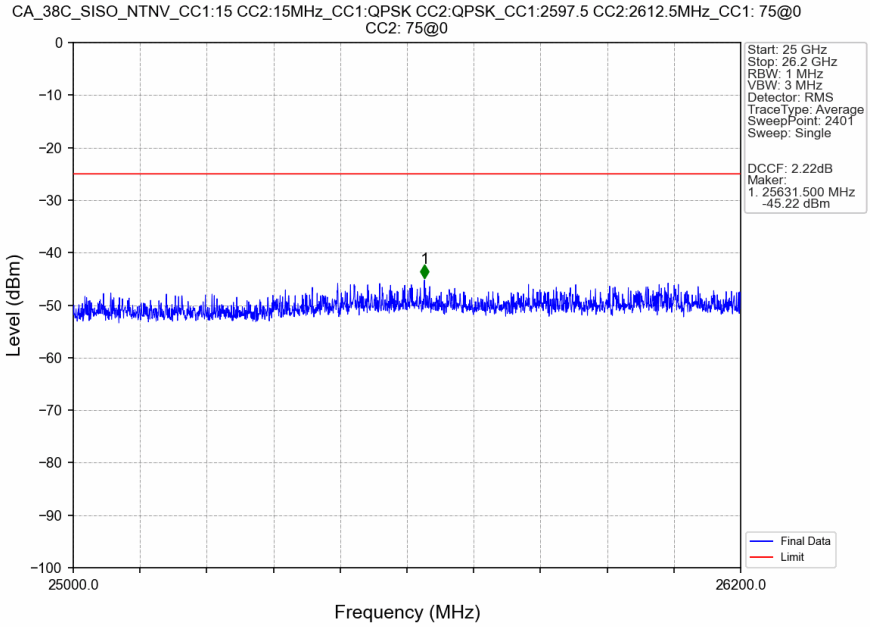
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



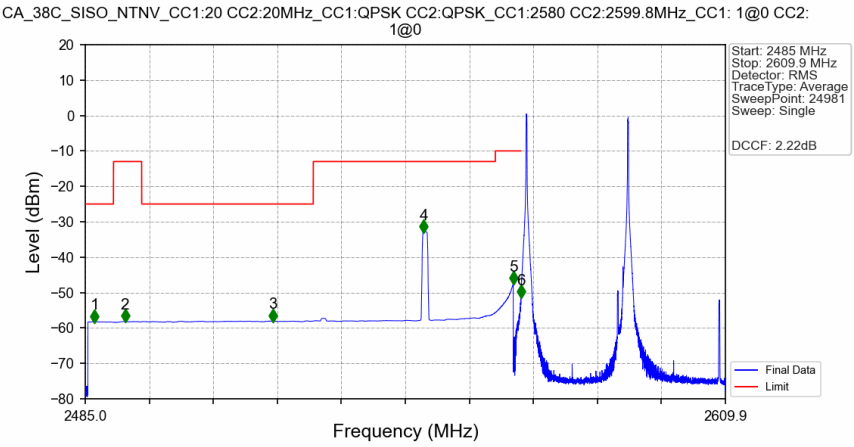
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



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

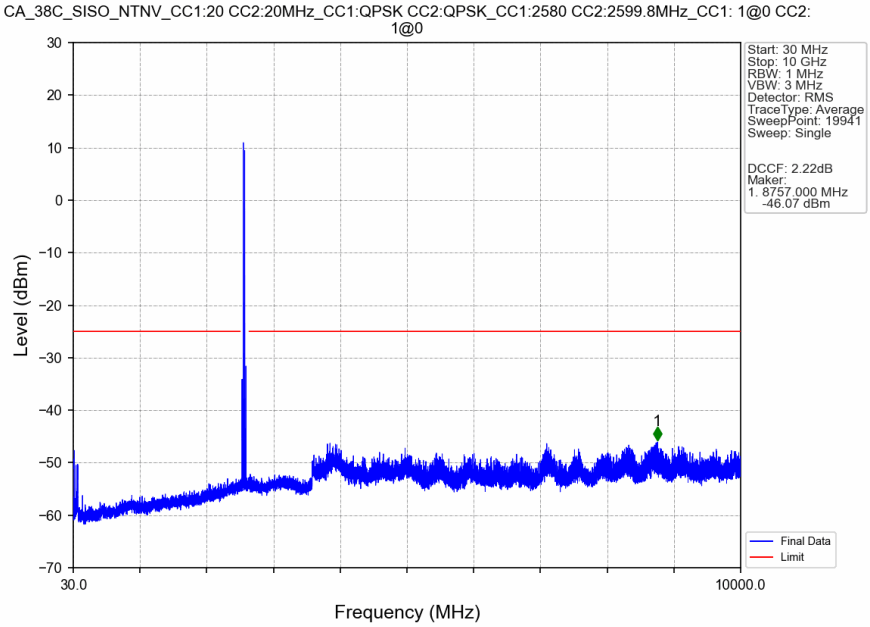


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0

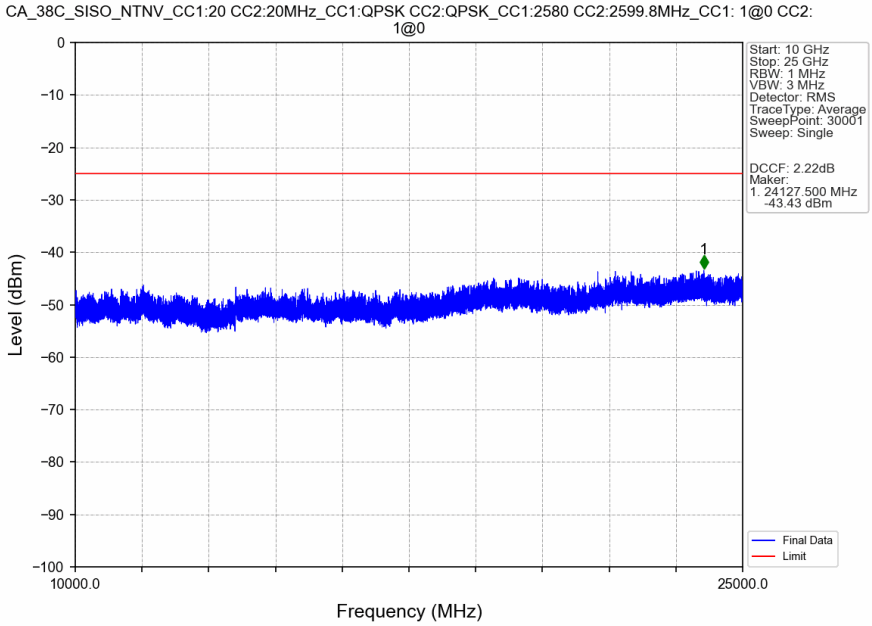


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.790	-58.20	-25	Pass
2490.5	2496	1	CHP	2	2492.775	-58.16	-13	Pass
2496	2529.475	1	CHP	3	2521.630	-57.98	-25	Pass
2529.475	2565	1	CHP	4	2551.025	-32.85	-13	Pass
2565	2569	1	CHP	5	2568.500	-47.47	-10	Pass
2569	2570	0.02	CHP	6	2569.990	-51.24	-10	Pass
2570	2609.9	0.02	CHP	/	/	/	/	/

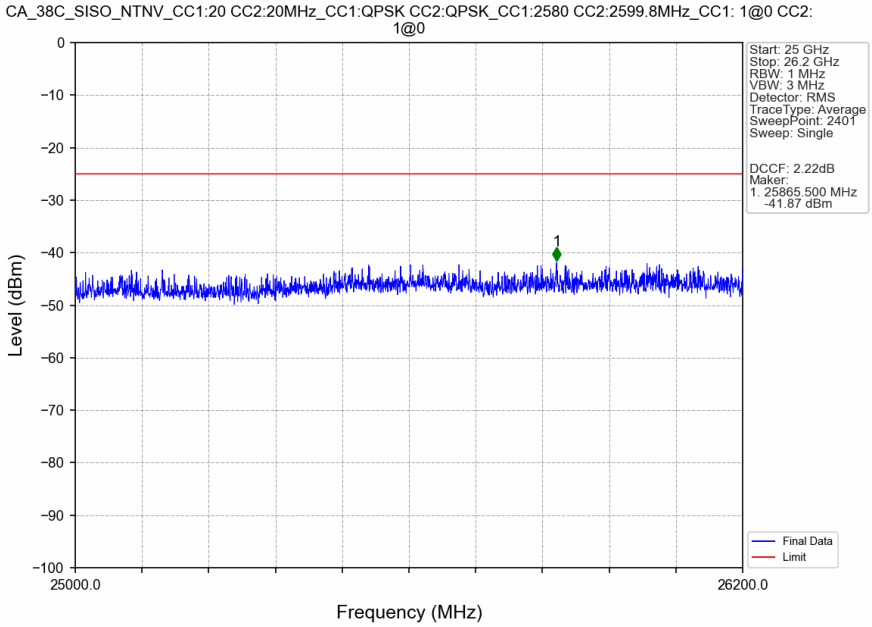
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0



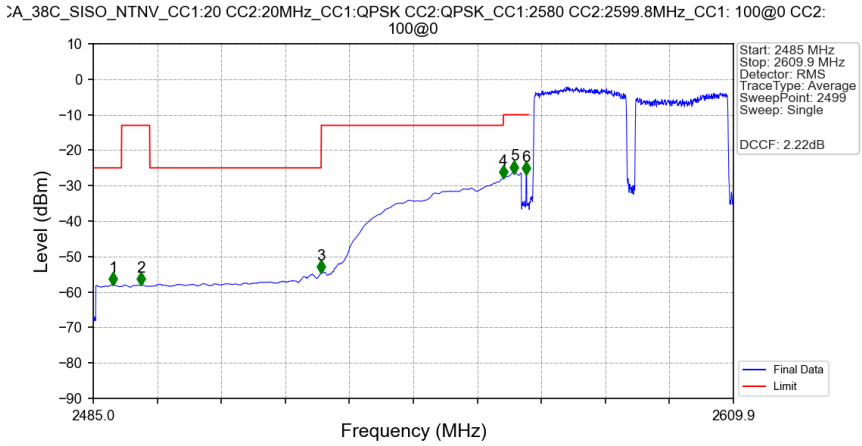
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@0

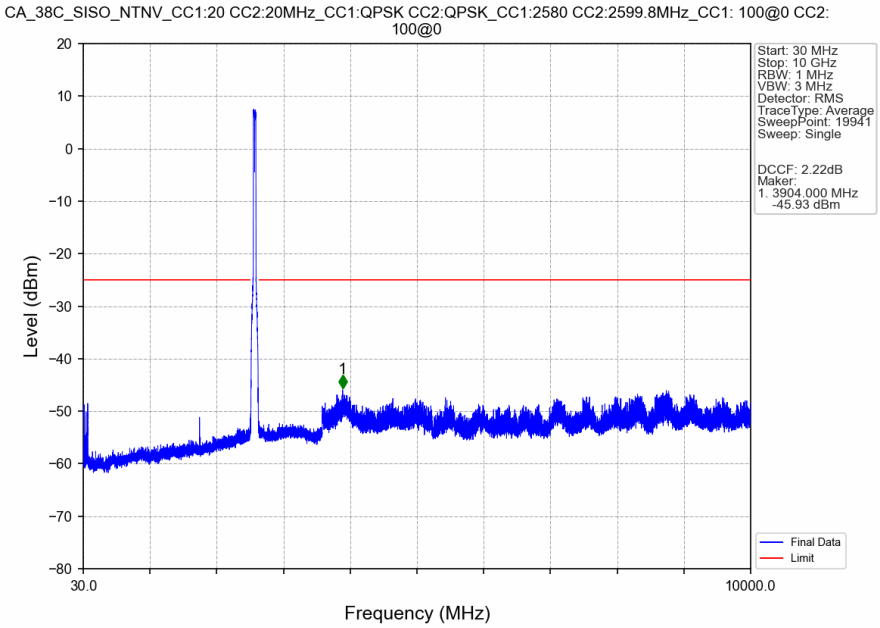


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0

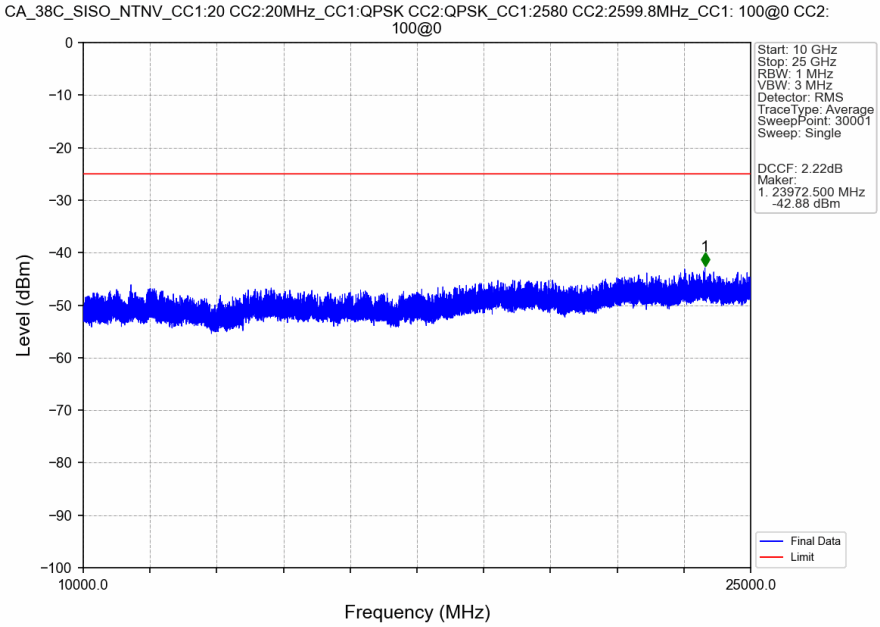


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.850	-57.91	-25	Pass
2490.5	2496	1	CHP	2	2494.300	-57.86	-13	Pass
2496	2529.475	1	CHP	3	2529.450	-54.48	-25	Pass
2529.475	2565	1	CHP	4	2565.000	-27.75	-13	Pass
2565	2569	1	CHP	5	2567.150	-26.31	-10	Pass
2569	2570	0.811	CHP	6	2569.450	-26.61	-10	Pass
2570	2609.9	0.1	/	/	/	/	/	/

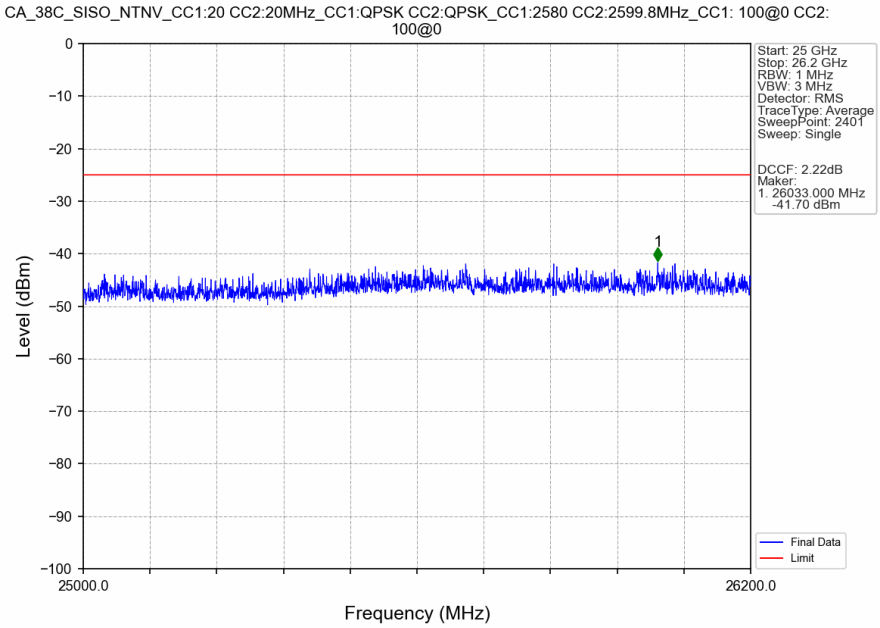
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



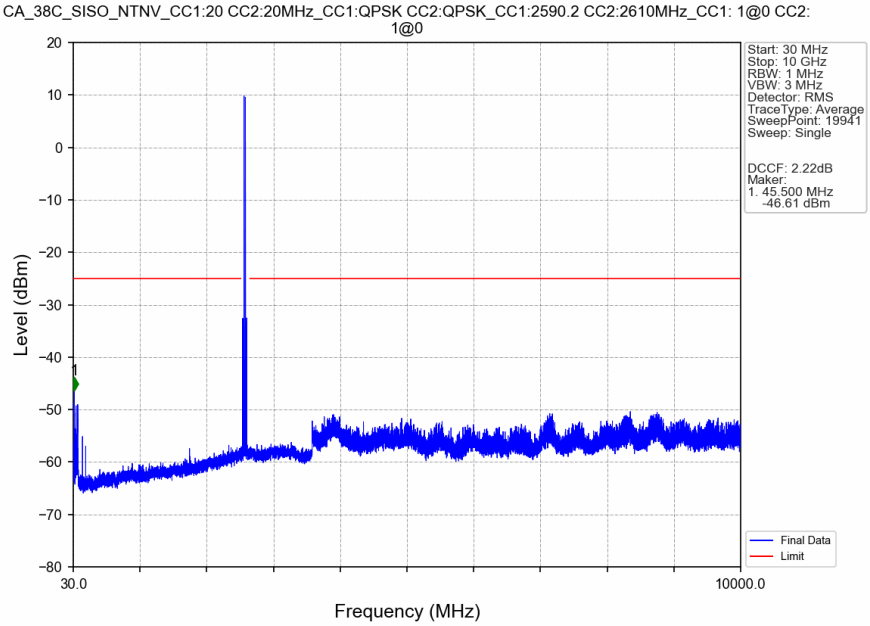
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



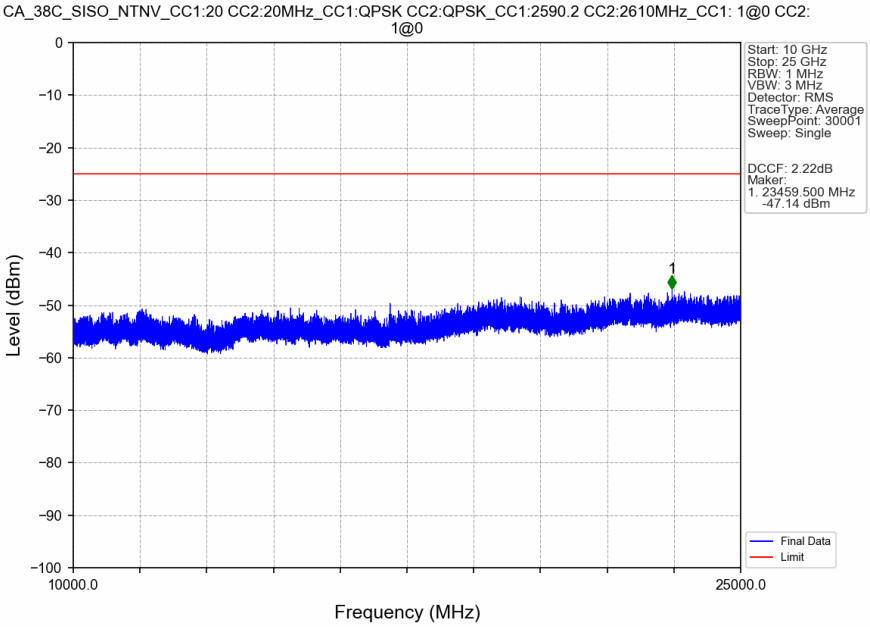
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



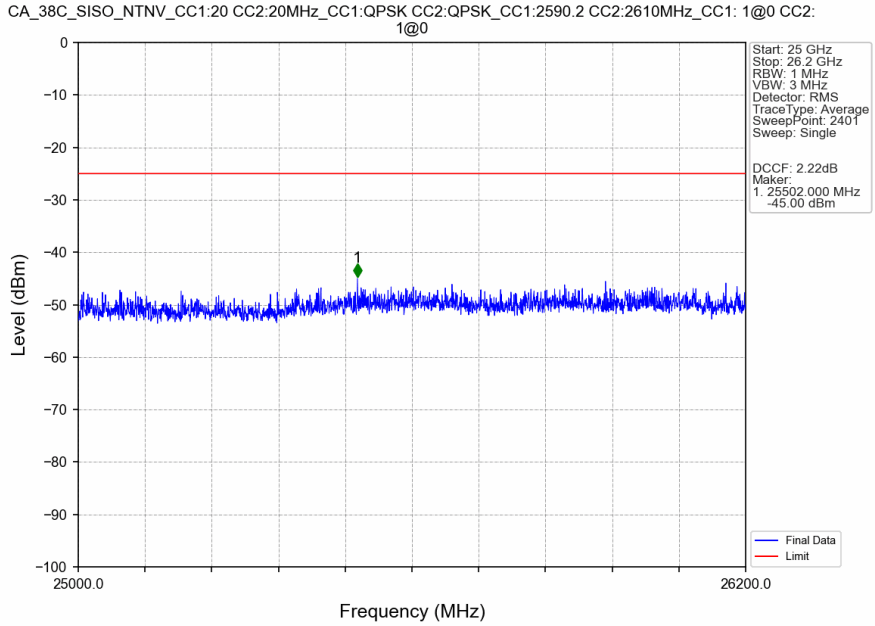
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@0 CC2: 1@0



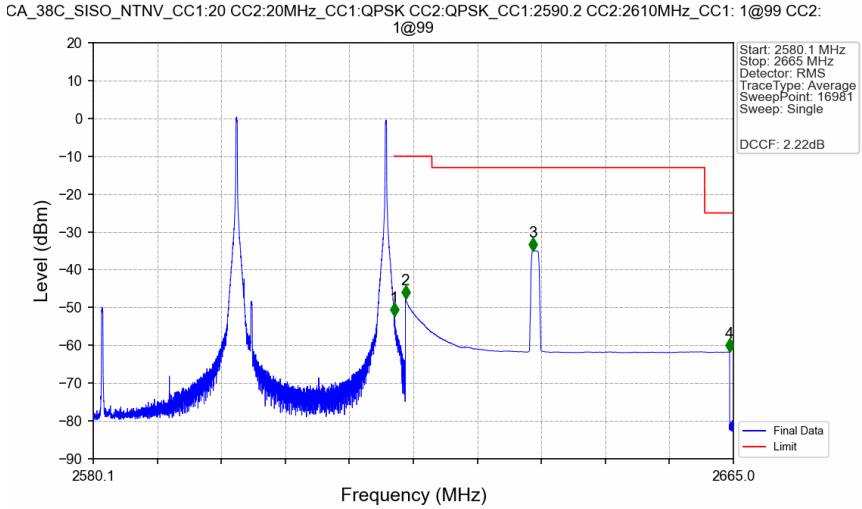
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@0 CC2: 1@0



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@0 CC2: 1@0

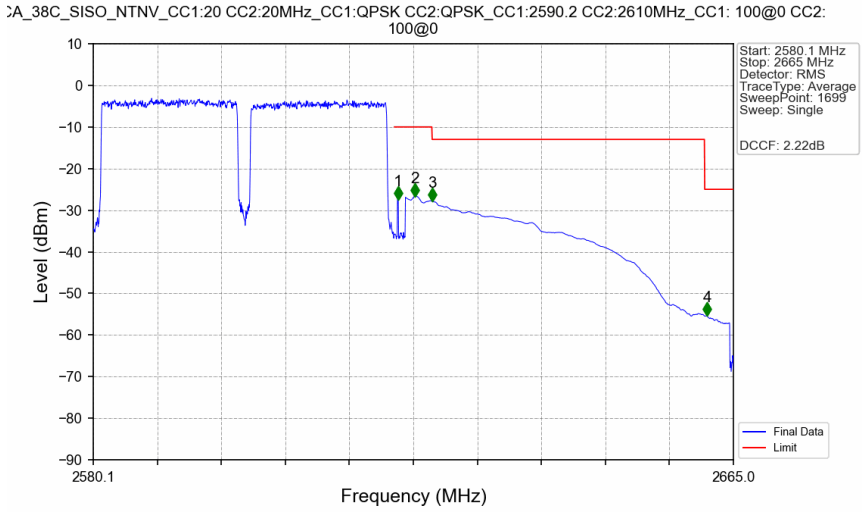


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@99 CC2: 1@99



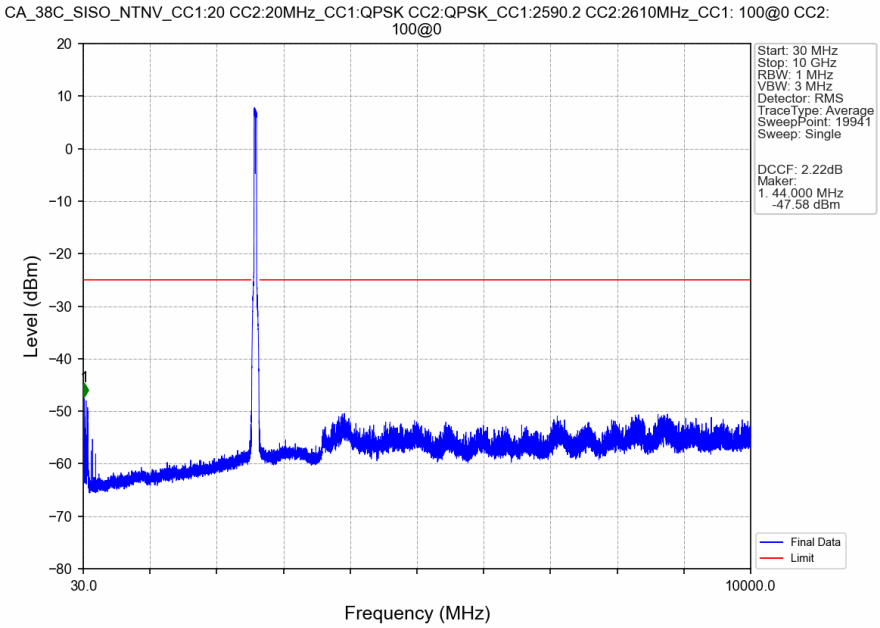
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2580.1	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.030	-52.26	-10	Pass
2621	2625	1	CHP	2	2621.500	-47.72	-10	Pass
2625	2661.188	1	CHP	3	2638.440	-35.04	-13	Pass
2661.188	2665	1	CHP	4	2664.460	-61.76	-25	Pass

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

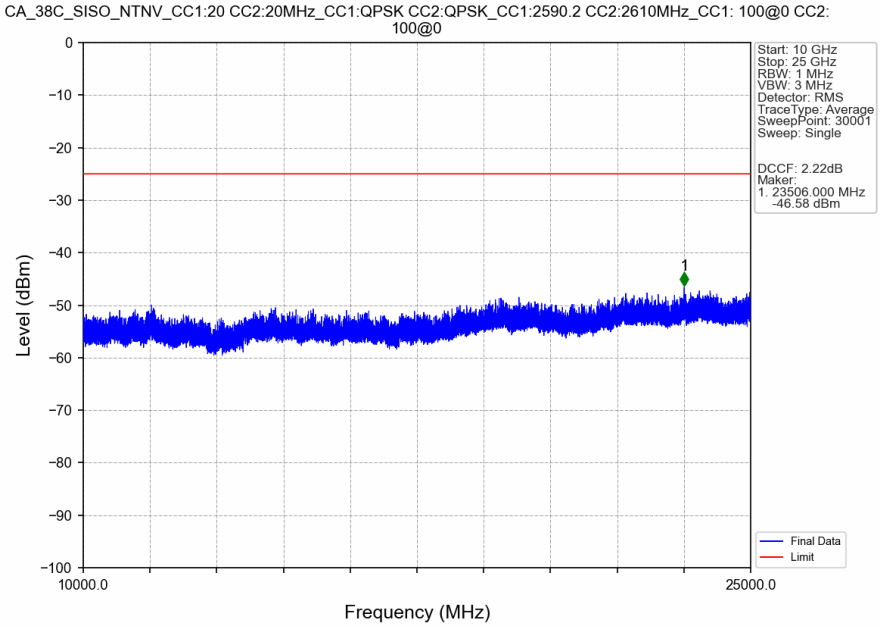


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2580.1	2620	0.1	/	/	/	/	/	/
2620	2621	0.824	CHP	1	2620.500	-27.40	-10	Pass
2621	2625	1	CHP	2	2622.800	-26.67	-10	Pass
2625	2661.188	1	CHP	3	2625.050	-27.91	-13	Pass
2661.188	2665	1	CHP	4	2661.500	-55.38	-25	Pass

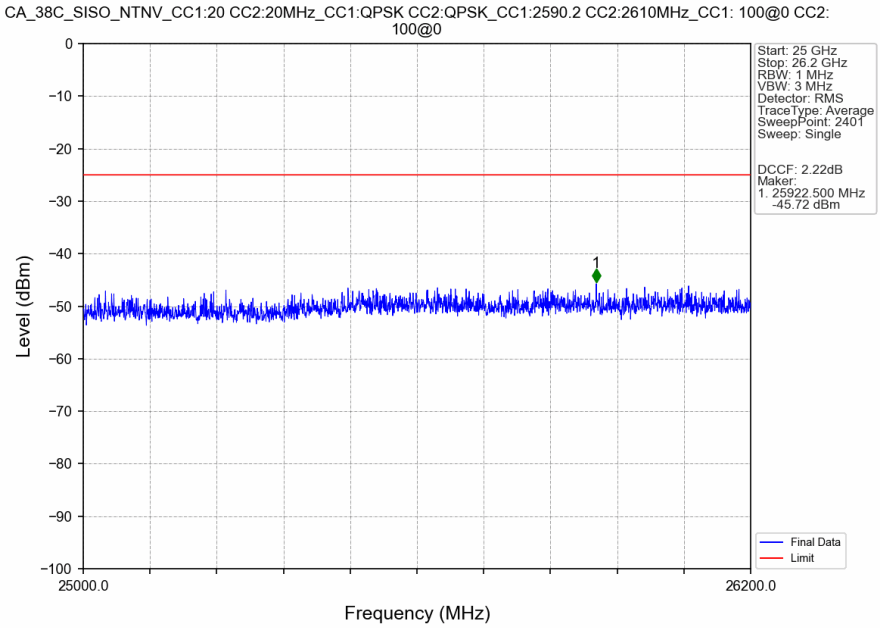
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



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	-63.2	-25	-38.2	-68.81	4.62	10.23	Horizontal	Pass
7713.0	-59.51	-25	-34.51	-66.54	4.96	11.99	Horizontal	Pass
10284.0	-56.64	-25	-31.64	-64.21	5.51	13.08	Horizontal	Pass
5142.0	-63.78	-25	-38.78	-69.39	4.62	10.23	Vertical	Pass
7713.0	-59.69	-25	-34.69	-66.72	4.96	11.99	Vertical	Pass
10284.0	-56.41	-25	-31.41	-63.98	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	-63.61	-25	-38.61	-69.22	4.62	10.23	Horizontal	Pass
7728.3	-59.46	-25	-34.46	-66.51	4.96	12.01	Horizontal	Pass
10304.4	-56.24	-25	-31.24	-63.81	5.51	13.08	Horizontal	Pass
5152.2	-63.69	-25	-38.69	-69.3	4.62	10.23	Vertical	Pass
7728.3	-59.33	-25	-34.33	-66.38	4.96	12.01	Vertical	Pass
10304.4	-56.74	-25	-31.74	-64.31	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	-63.29	-25	-38.29	-68.91	4.62	10.24	Horizontal	Pass
7743.3	-59.54	-25	-34.54	-66.61	4.96	12.03	Horizontal	Pass
10324.4	-57.26	-25	-32.26	-64.84	5.51	13.09	Horizontal	Pass
5162.2	-63.44	-25	-38.44	-69.06	4.62	10.24	Vertical	Pass
7743.3	-59.49	-25	-34.49	-66.56	4.96	12.03	Vertical	Pass
10324.4	-56.89	-25	-31.89	-64.47	5.51	13.09	Vertical	Pass