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	22.71	-19.73	22.70	2.60	25.30	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.46	10.75	14.13	2.60	16.73	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.43	15.94	19.20	2.60	21.80	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	18.83	18.67	21.76	2.60	24.36	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	17.86	17.55	20.72	2.60	23.32	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	22.77	-19.68	22.76	2.60	25.36	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.48	10.93	14.22	2.60	16.82	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.42	15.83	19.15	2.60	21.75	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	18.86	18.62	21.75	2.60	24.35	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	17.89	17.48	20.70	2.60	23.30	<=33.01	Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	22.69	-19.67	22.68	2.60	25.28	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.34	11.14	14.25	2.60	16.85	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.39	16.15	19.28	2.60	21.88	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	18.73	18.60	21.68	2.60	24.28	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	17.76	17.57	20.68	2.60	23.28	<=33.01	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	21.74	-19.76	21.73	2.60	24.33	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.53	10.70	14.13	2.60	16.73	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.38	15.92	19.16	2.60	21.76	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	17.74	17.51	20.64	2.60	23.24	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.88	16.63	19.77	2.60	22.37	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	21.56	-20.69	21.55	2.60	24.15	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.31	10.55	13.95	2.60	16.55	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.48	15.87	19.20	2.60	21.80	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	17.82	17.59	20.72	2.60	23.32	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.87	16.45	19.68	2.60	22.28	<=33.01	Pass

		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	21.85	-19.65	21.84	2.60	24.44	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.25	11.14	14.20	2.60	16.80	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.31	16.04	19.19	2.60	21.79	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	17.79	17.65	20.73	2.60	23.33	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.78	16.57	19.69	2.60	22.29	<=33.01	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	20.77	-28.10	20.76	2.60	23.36	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.58	10.74	14.18	2.60	16.78	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.38	15.93	19.17	2.60	21.77	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	16.68	16.56	19.63	2.60	22.23	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.86	16.58	19.73	2.60	22.33	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	20.35	-21.72	20.33	2.60	22.93	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.11	10.74	13.93	2.60	16.53	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.40	15.80	19.12	2.60	21.72	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	16.83	16.62	19.74	2.60	22.34	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.88	16.42	19.67	2.60	22.27	<=33.01	Pass
		CC1:2597.5 CC2:2612.5	CC1: 1@0 CC2: 0@0	20.67	-20.73	20.66	2.60	23.26	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.34	11.19	14.27	2.60	16.87	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	16.35	16.09	19.23	2.60	21.83	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	16.79	16.66	19.73	2.60	22.33	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	16.87	16.70	19.80	2.60	22.40	<=33.01	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2577.5 CC2:2592.5	CC1: 1@0 CC2: 0@0	17.87	-20.86	17.86	2.60	20.46	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.33	10.86	14.11	2.60	16.71	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	14.62	14.15	17.40	2.60	20.00	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	14.90	14.75	17.84	2.60	20.44	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	14.95	14.68	17.83	2.60	20.43	<=33.01	Pass
		CC1:2587.5 CC2:2602.5	CC1: 1@0 CC2: 0@0	17.54	-22.79	17.53	2.60	20.13	<=33.01	Pass
			CC1: 1@0 CC2: 1@74	11.26	11.34	14.30	2.60	16.90	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	14.65	14.05	17.37	2.60	19.97	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	14.87	14.64	17.77	2.60	20.37	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	15.08	14.72	17.92	2.60	20.52	<=33.01	Pass
		CC1:2597.5	CC1: 1@0	17.79	-22.75	17.78	2.60	20.38	<=33.01	Pass

		CC2:2612.5	CC2: 0@0							
			CC1: 1@0 CC2: 1@74	11.27	11.56	14.42	2.60	17.02	<=33.01	Pass
			CC1: 36@0 CC2: 36@39	14.45	14.24	17.36	2.60	19.96	<=33.01	Pass
			CC1: 36@39 CC2: 36@0	14.95	14.76	17.87	2.60	20.47	<=33.01	Pass
			CC1: 75@0 CC2: 75@0	15.02	14.81	17.93	2.60	20.53	<=33.01	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	22.52	-22.38	22.53	2.60	25.13	<=33.01	Pass
			CC1: 1@0 CC2: 1@99	11.39	10.57	14.01	2.60	16.61	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.44	15.81	19.15	2.60	21.75	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	18.76	18.48	21.64	2.60	24.24	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	17.92	17.47	20.71	2.60	23.31	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	22.52	-18.43	22.53	2.60	25.13	<=33.01	Pass
			CC1: 1@0 CC2: 1@99	11.27	10.89	14.10	2.60	16.70	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.46	15.90	19.20	2.60	21.80	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	18.91	18.60	21.77	2.60	24.37	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	17.94	17.51	20.74	2.60	23.34	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	22.60	-18.41	22.60	2.60	25.20	<=33.01	Pass
			CC1: 1@0 CC2: 1@99	11.20	10.82	14.03	2.60	16.63	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.46	16.05	19.27	2.60	21.87	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	18.78	18.48	21.65	2.60	24.25	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	17.93	17.57	20.76	2.60	23.36	<=33.01	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	21.55	-18.47	21.56	2.60	24.16	<=33.01	Pass
			CC1: 1@0 CC2: 1@99	11.67	10.65	14.21	2.60	16.81	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.47	15.87	19.19	2.60	21.79	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	17.78	17.51	20.66	2.60	23.26	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	16.90	16.45	19.69	2.60	22.29	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	21.66	-19.50	21.66	2.60	24.26	<=33.01	Pass
			CC1: 1@0 CC2: 1@99	11.15	11.07	14.12	2.60	16.72	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.51	15.93	19.24	2.60	21.84	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	17.90	17.57	20.75	2.60	23.35	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	16.87	16.47	19.69	2.60	22.29	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	21.70	-19.50	21.70	2.60	24.30	<=33.01	Pass

			CC1: 1@0 CC2: 1@99	10.89	10.89	13.91	2.60	16.51	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.39	15.98	19.20	2.60	21.80	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	17.85	17.56	20.72	2.60	23.32	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	16.93	16.56	19.76	2.60	22.36	<=33.01	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	20.65	-18.49	20.65	2.60	23.25	<=33.01	Pass
			CC1: 1@0 CC2: 1@99	11.13	10.69	13.93	2.60	16.53	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.43	15.80	19.13	2.60	21.73	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	16.74	16.45	19.61	2.60	22.21	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	16.86	16.39	19.64	2.60	22.24	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	20.40	-19.54	20.41	2.60	23.01	<=33.01	Pass
			CC1: 1@0 CC2: 1@99	11.09	10.69	13.91	2.60	16.51	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.38	15.80	19.11	2.60	21.71	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	16.90	16.56	19.75	2.60	22.35	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	16.91	16.45	19.70	2.60	22.30	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	20.47	-19.50	20.48	2.60	23.08	<=33.01	Pass
			CC1: 1@0 CC2: 1@99	11.13	10.71	13.94	2.60	16.54	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	16.47	16.03	19.27	2.60	21.87	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	16.85	16.48	19.68	2.60	22.28	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	16.95	16.55	19.77	2.60	22.37	<=33.01	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2580 CC2:2599.8	CC1: 1@0 CC2: 0@0	17.73	-19.61	17.74	2.60	20.34	<=33.01	Pass
			CC1: 1@0 CC2: 1@99	11.08	10.43	13.78	2.60	16.38	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	14.55	13.98	17.28	2.60	19.88	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	14.97	14.63	17.82	2.60	20.42	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	15.01	14.58	17.81	2.60	20.41	<=33.01	Pass
		CC1:2585.1 CC2:2604.9	CC1: 1@0 CC2: 0@0	17.94	-22.51	17.94	2.60	20.54	<=33.01	Pass
			CC1: 1@0 CC2: 1@99	11.35	10.75	14.08	2.60	16.68	<=33.01	Pass
			CC1: 50@0 CC2: 50@50	14.55	13.99	17.29	2.60	19.89	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	14.98	14.66	17.83	2.60	20.43	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	14.98	14.56	17.79	2.60	20.39	<=33.01	Pass
		CC1:2590.2 CC2:2610	CC1: 1@0 CC2: 0@0	17.88	-21.54	17.89	2.60	20.49	<=33.01	Pass
			CC1: 1@0	10.83	10.84	13.84	2.60	16.44	<=33.01	Pass

			CC2: 1@99							
			CC1: 50@0 CC2: 50@50	14.60	14.16	17.40	2.60	20.00	<=33.01	Pass
			CC1: 50@50 CC2: 50@0	15.06	14.71	17.90	2.60	20.50	<=33.01	Pass
			CC1: 100@0 CC2: 100@0	15.07	14.70	17.90	2.60	20.50	<=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	28.73	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.85	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.65	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.73	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.80	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.64	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.64	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.79	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.61	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	28.75	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	28.81	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	28.89	/	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.76	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	37.87	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.93	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.73	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	37.77	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.88	/	Pass
	CC1: 64QAM CC2:	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.78	/	Pass
		CC1:2585.1	CC1: 100@0	37.88	/	Pass

	64QAM	CC2:2604.9	CC2: 100@0			
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.90	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	37.77	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	37.85	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	37.78	/	Pass

2.1.2 CA_38C_NTNV_XDB

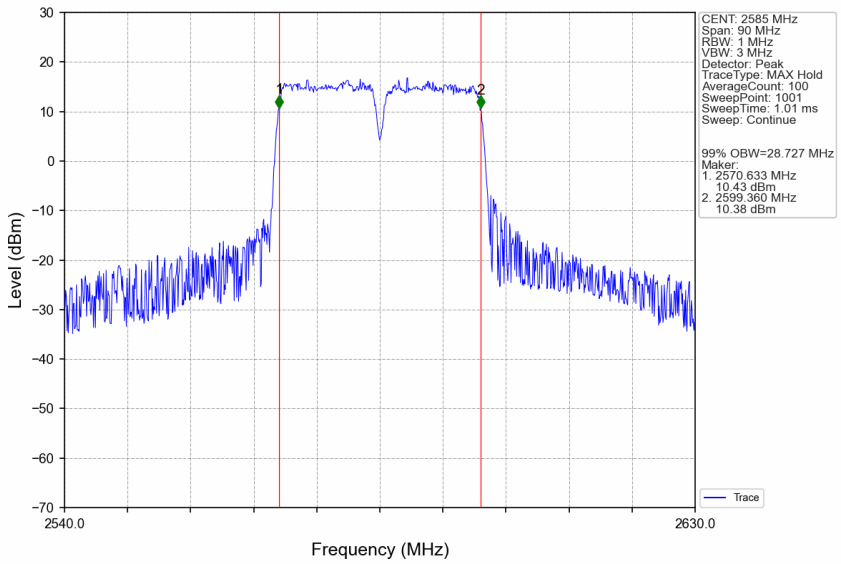
Band: CA_38C / NTNV						
BW (MHz)	Modulation	Frequency (MHz)	RB Allocation	26dB Bandwidth (MHz)		Verdict
				Sum	Limit	
CC1:15 CC2:15	CC1: QPSK CC2: QPSK	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	31.96	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	33.02	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	30.82	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	30.95	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	33.33	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	31.35	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	32.14	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	33.52	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	31.71	/	Pass
	CC1: 256QAM CC2: 256QAM	CC1:2577.5 CC2:2592.5	CC1: 75@0 CC2: 75@0	33.45	/	Pass
		CC1:2587.5 CC2:2602.5	CC1: 75@0 CC2: 75@0	35.41	/	Pass
		CC1:2597.5 CC2:2612.5	CC1: 75@0 CC2: 75@0	34.26	/	Pass
CC1:20 CC2:20	CC1: QPSK CC2: QPSK	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	42.44	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	40.51	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	44.07	/	Pass
	CC1: 16QAM CC2: 16QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	42.27	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	40.61	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	42.10	/	Pass
	CC1: 64QAM CC2: 64QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	43.82	/	Pass
		CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	41.36	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	43.22	/	Pass
	CC1: 256QAM	CC1:2580 CC2:2599.8	CC1: 100@0 CC2: 100@0	40.70	/	Pass

	CC2: 256QAM	CC1:2585.1 CC2:2604.9	CC1: 100@0 CC2: 100@0	43.87	/	Pass
		CC1:2590.2 CC2:2610	CC1: 100@0 CC2: 100@0	40.82	/	Pass

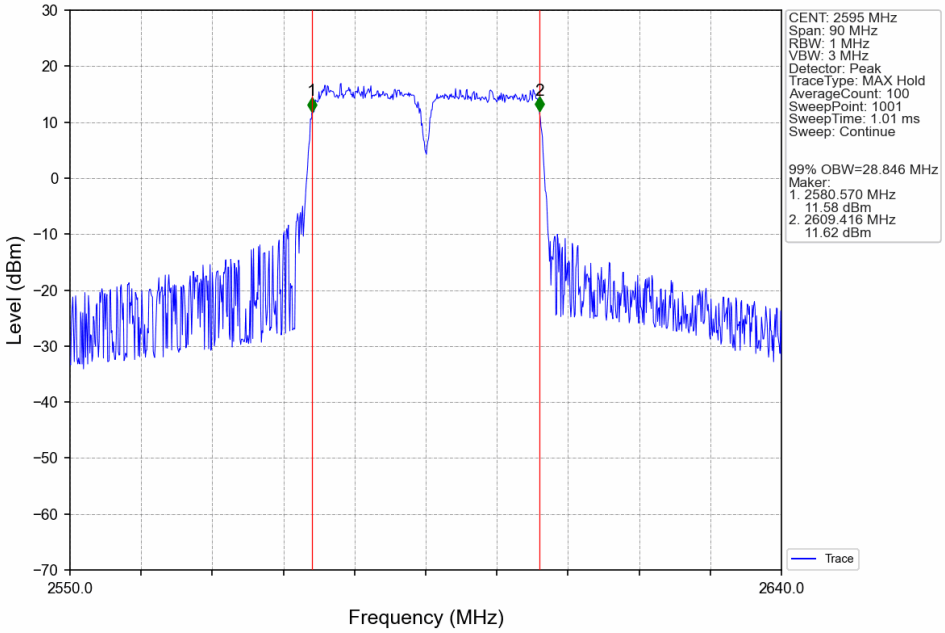
2.2 Test Graph

2.2.1 CA_38C_NTNV_OBW

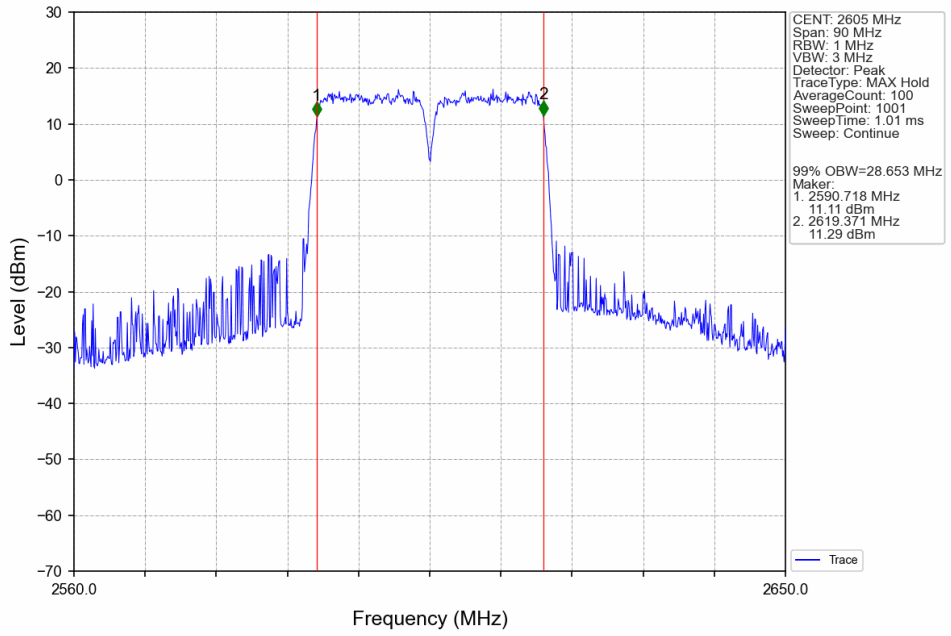
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



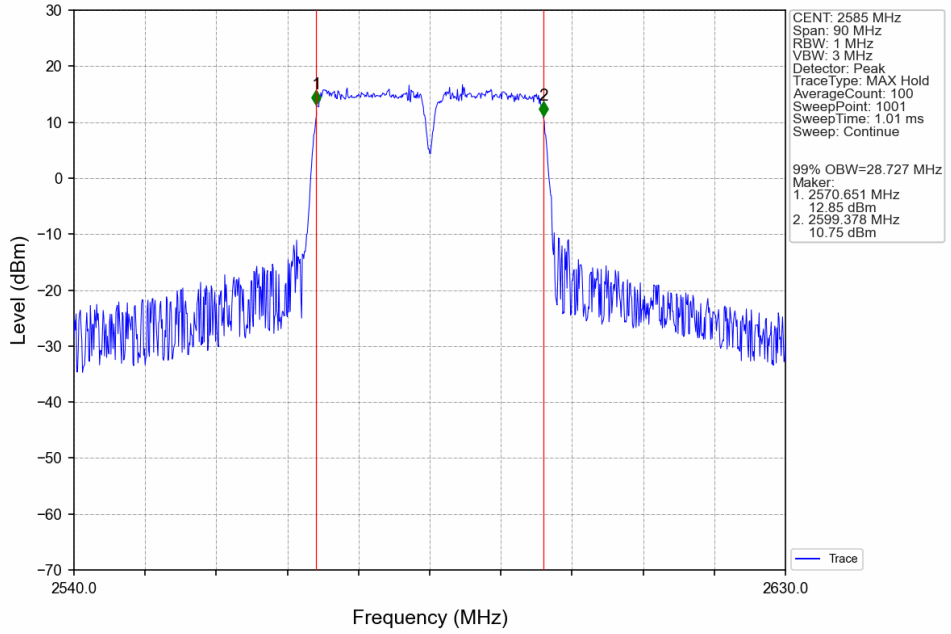
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



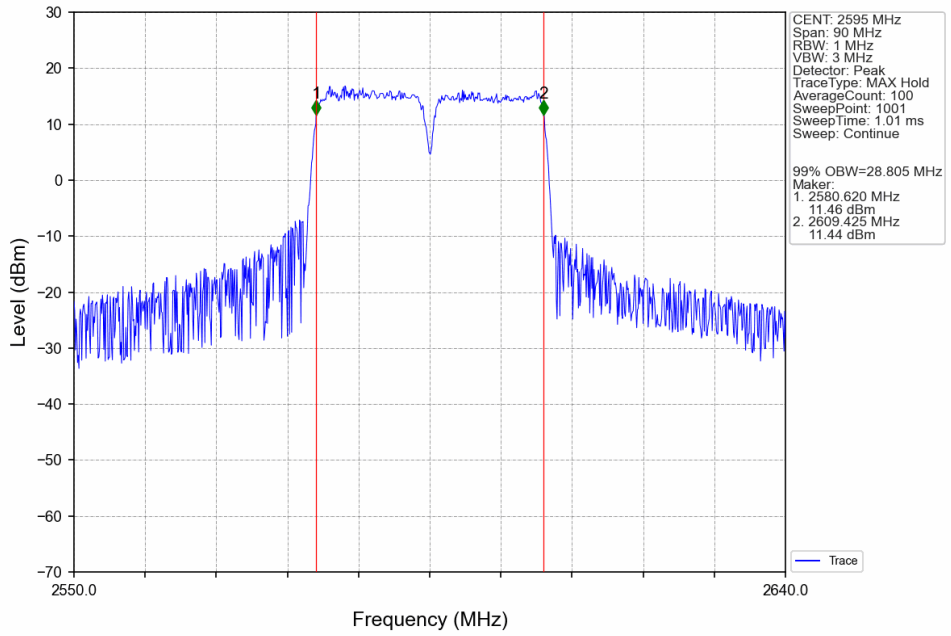
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



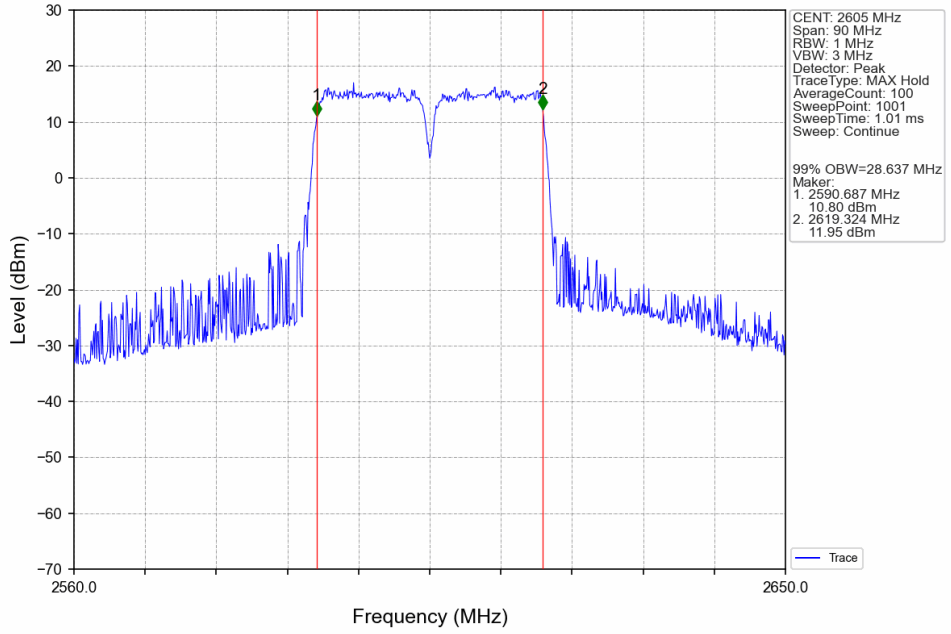
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



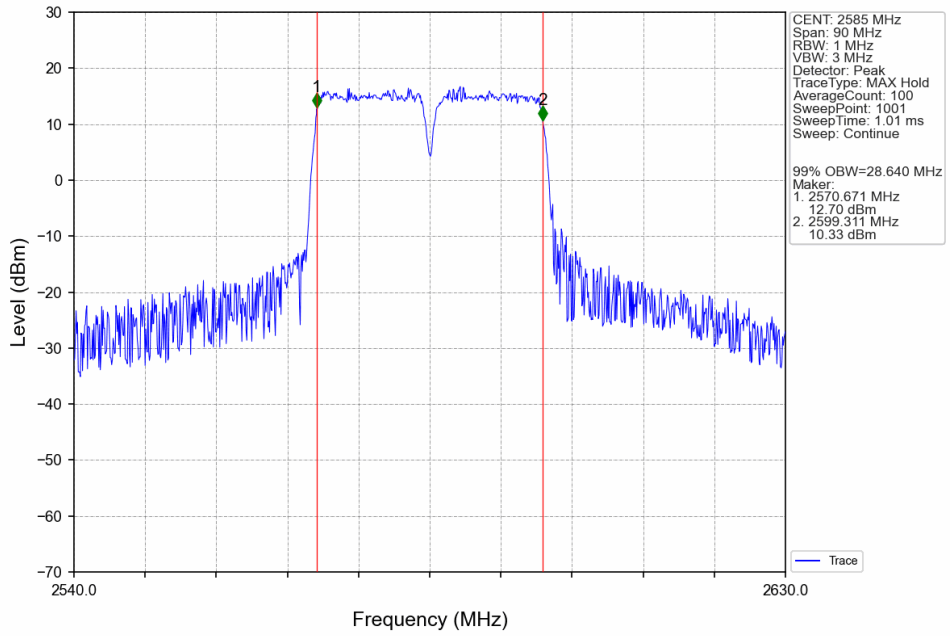
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



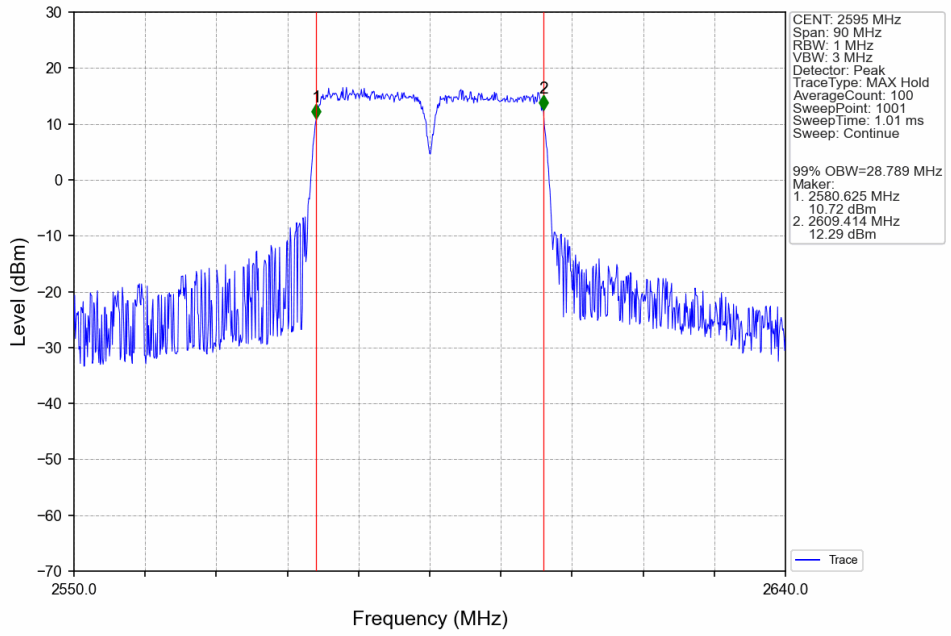
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



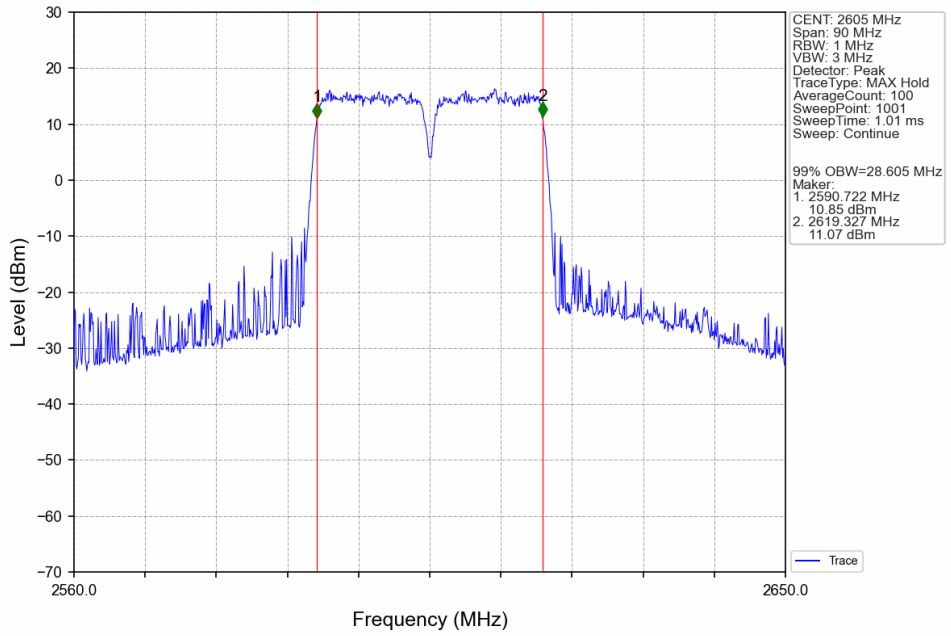
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



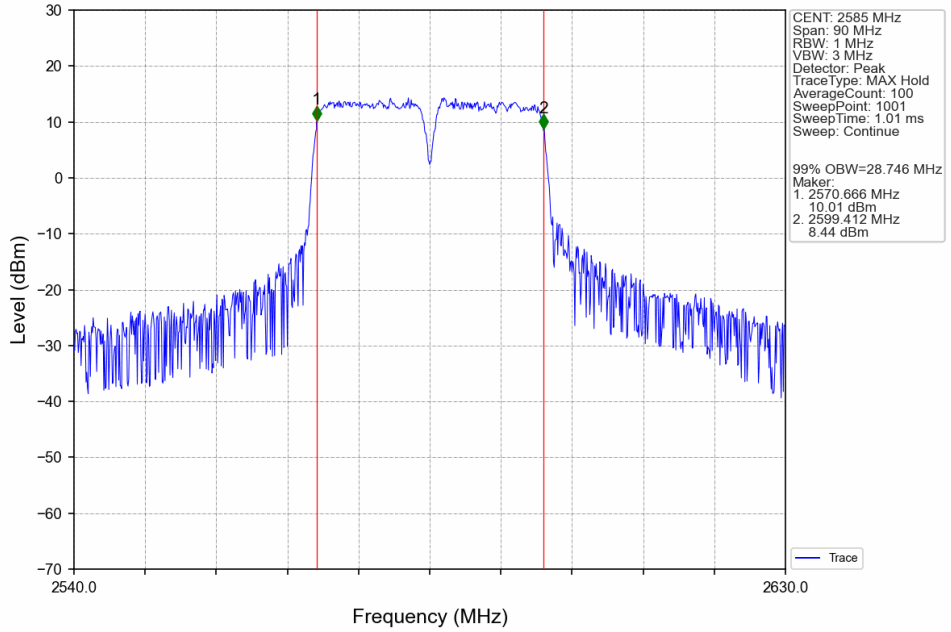
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



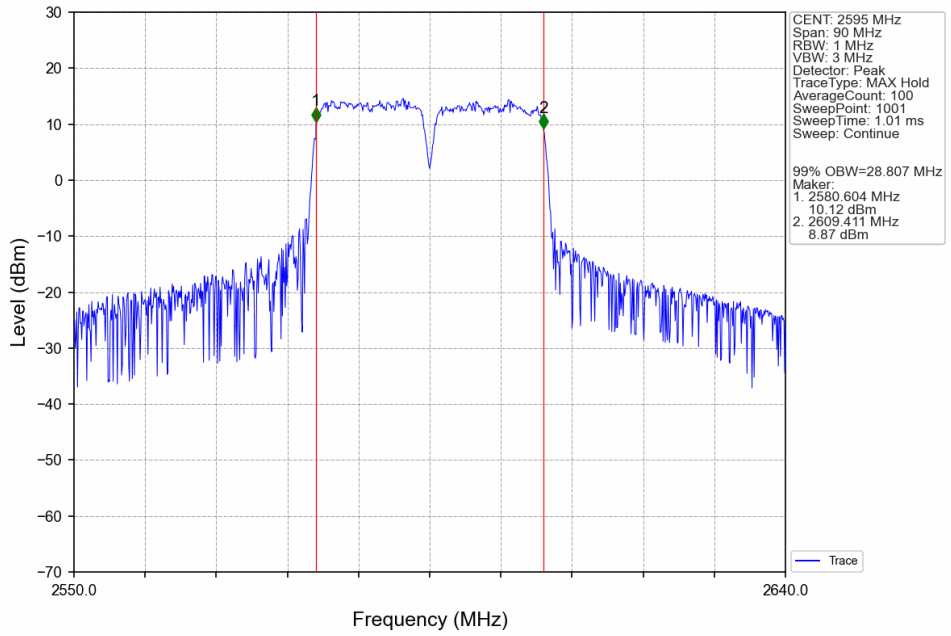
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



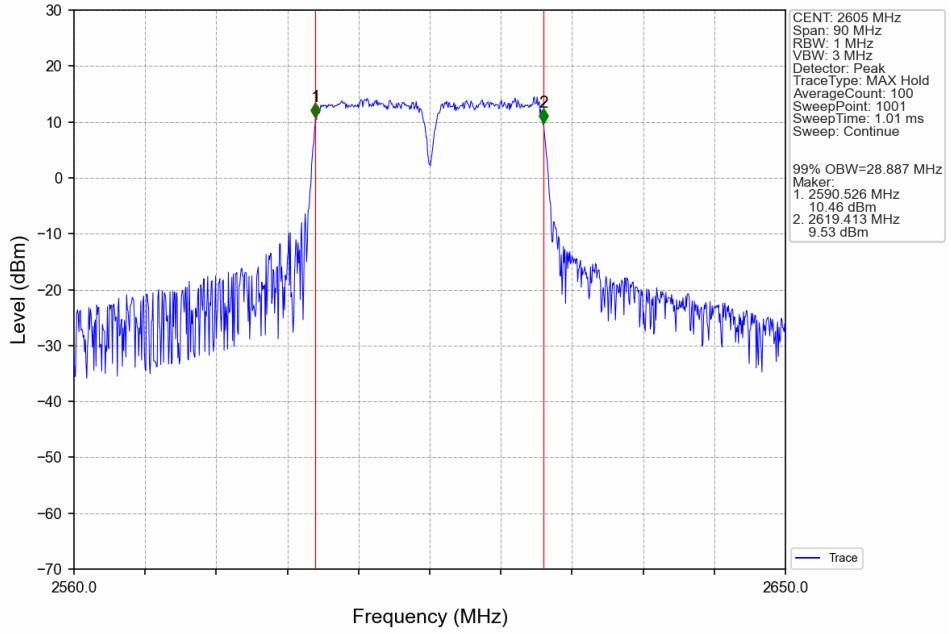
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



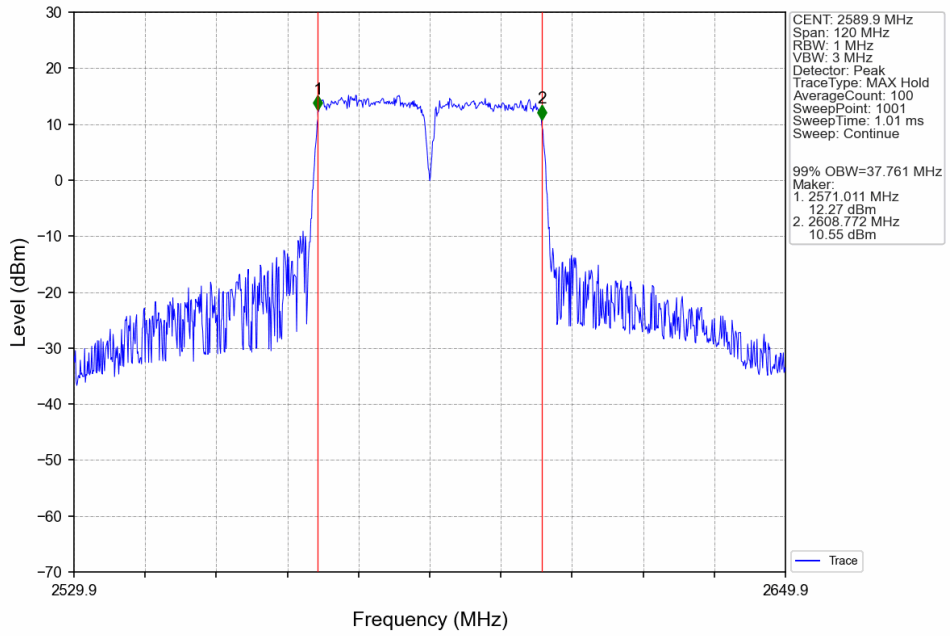
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



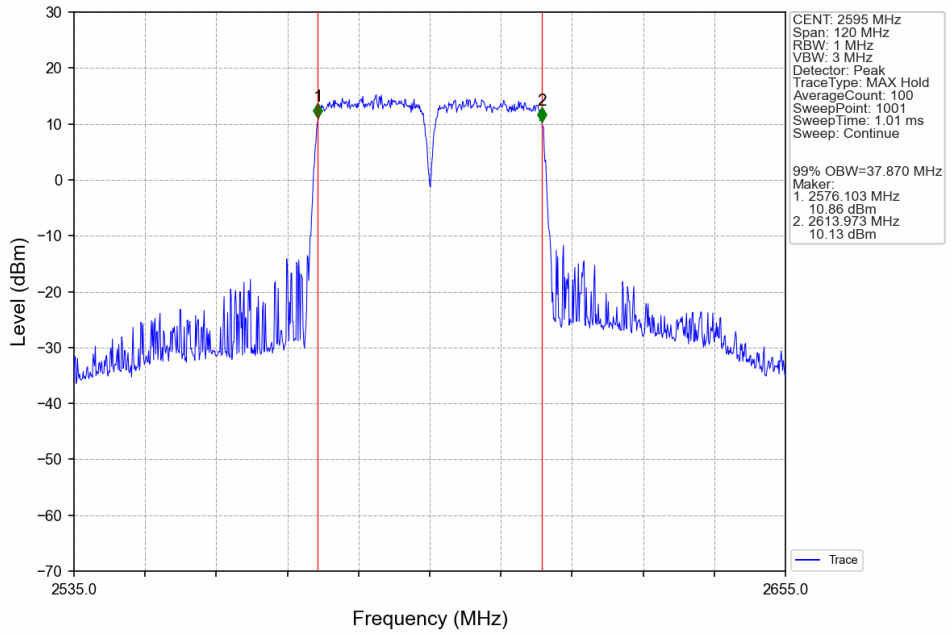
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



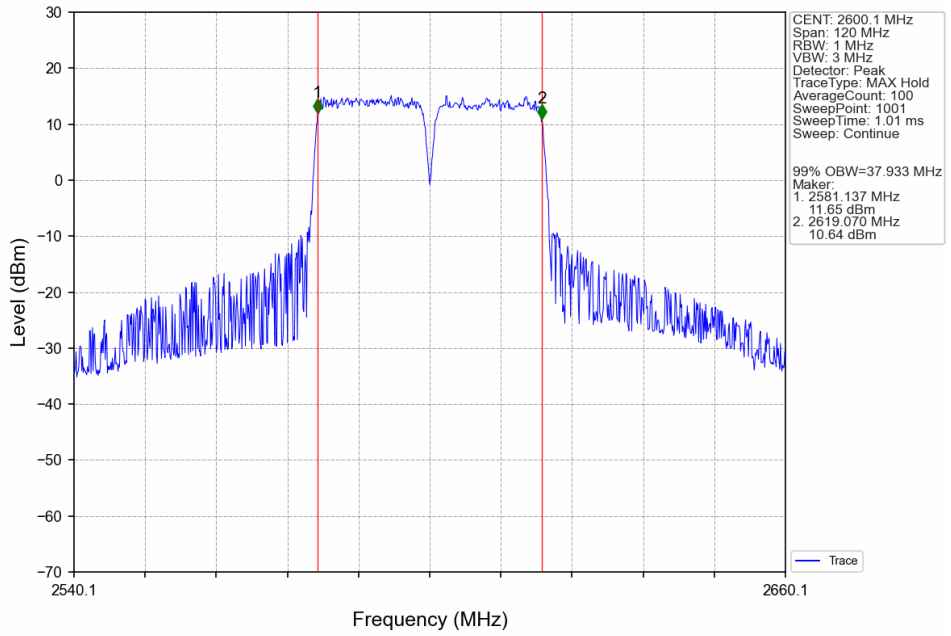
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



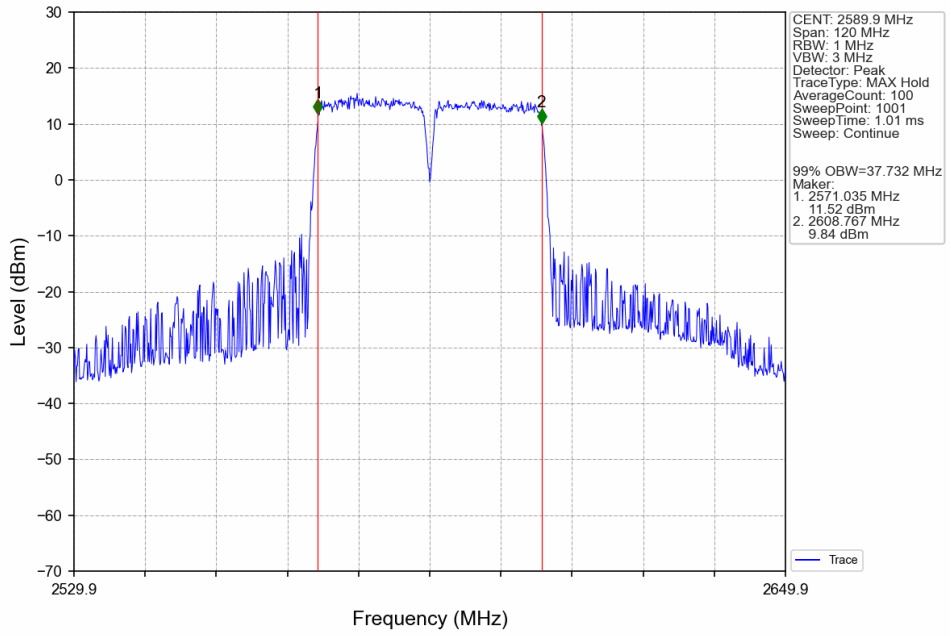
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



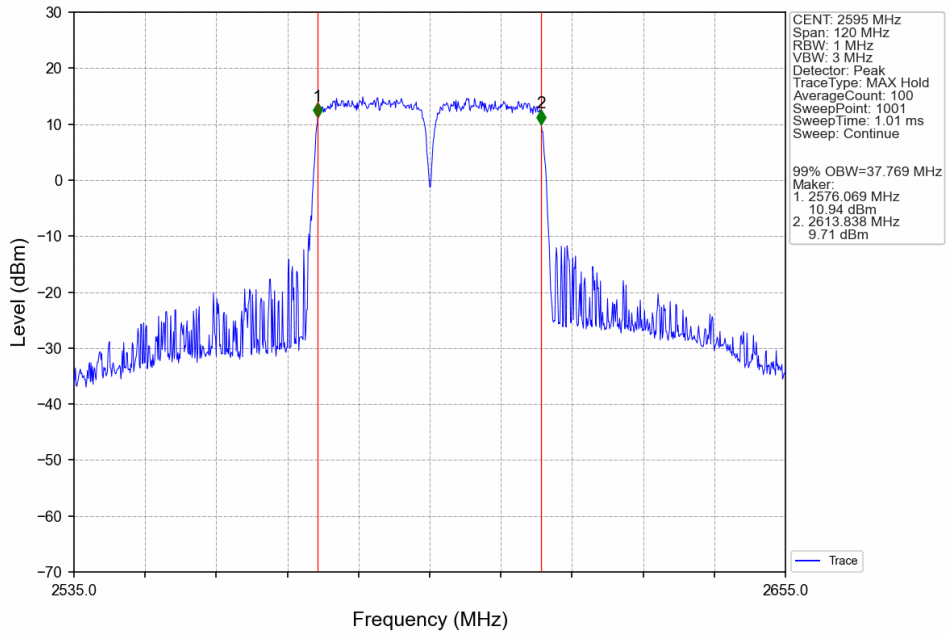
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



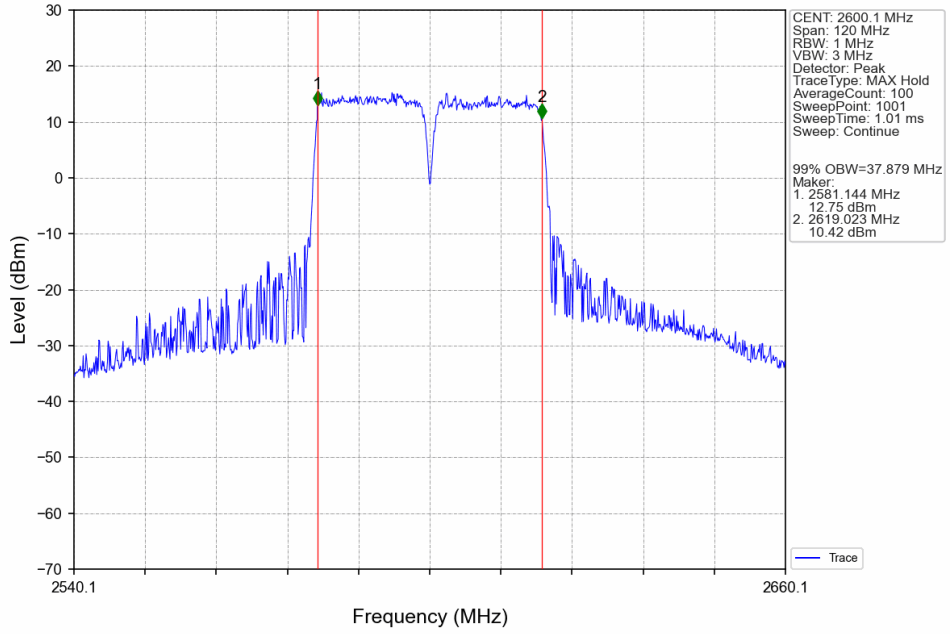
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



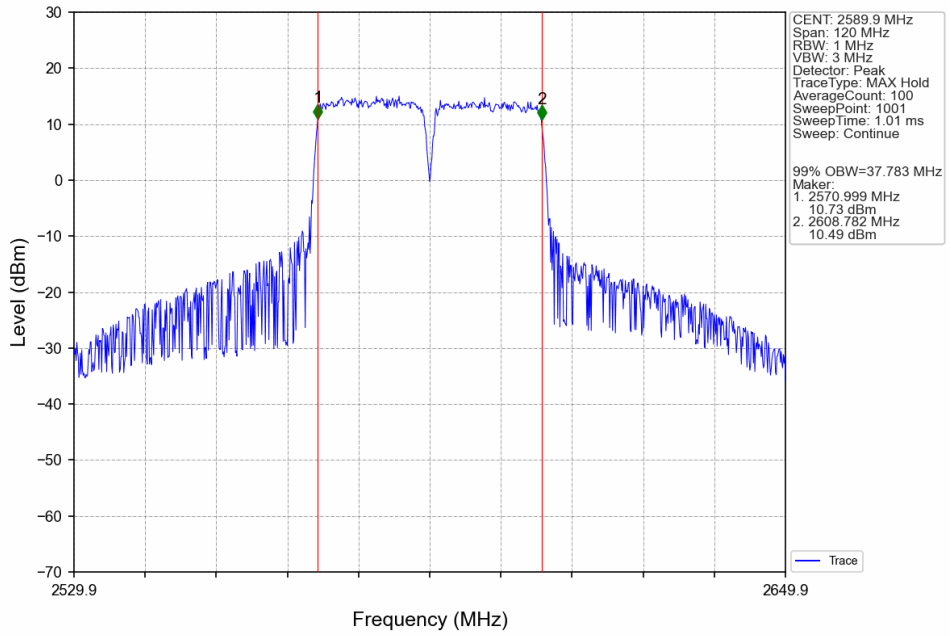
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



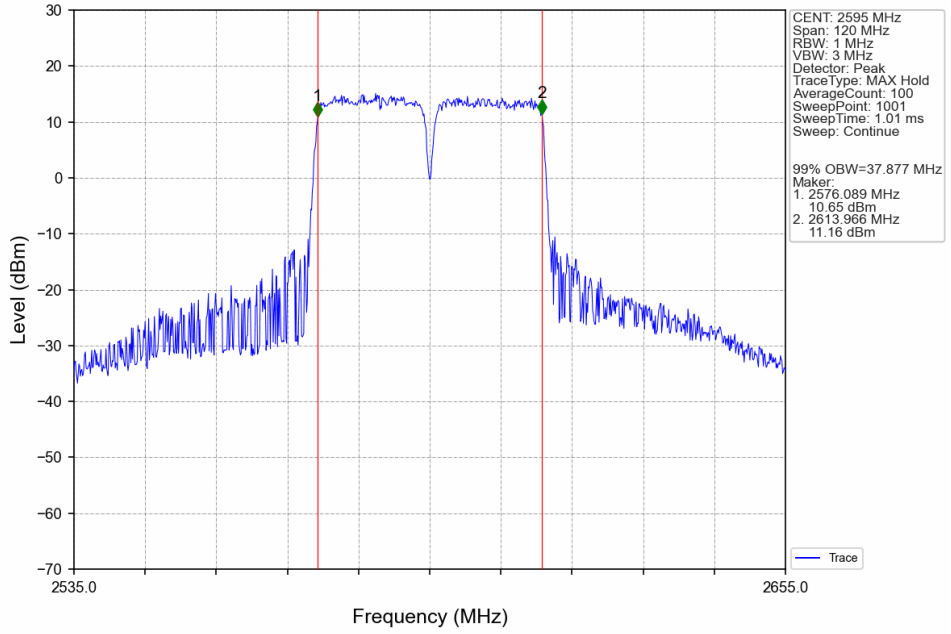
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



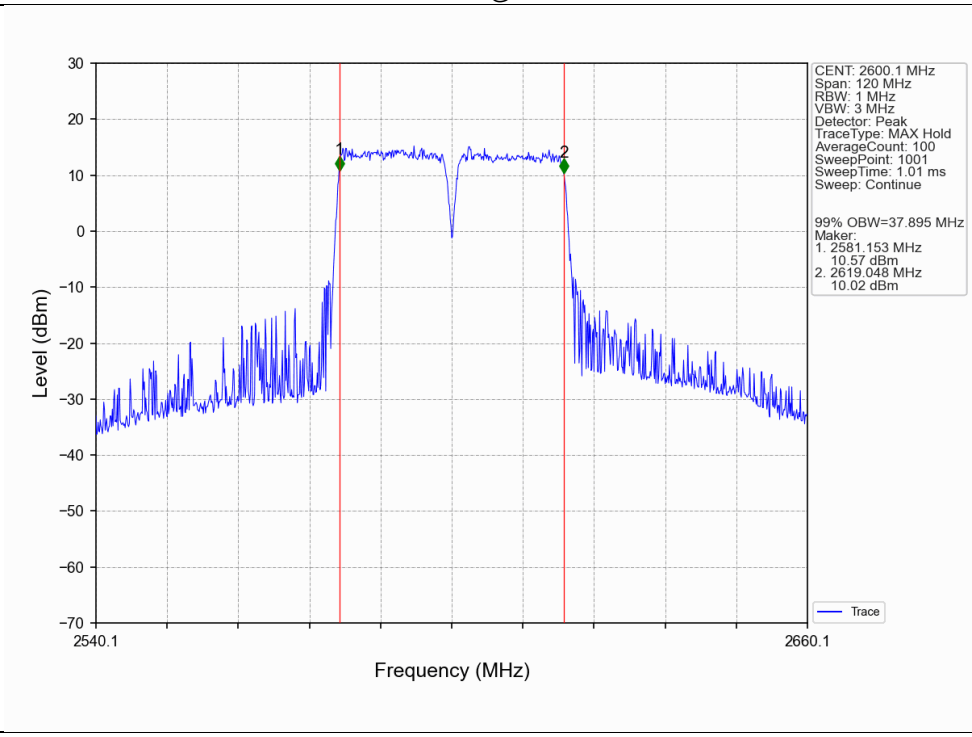
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



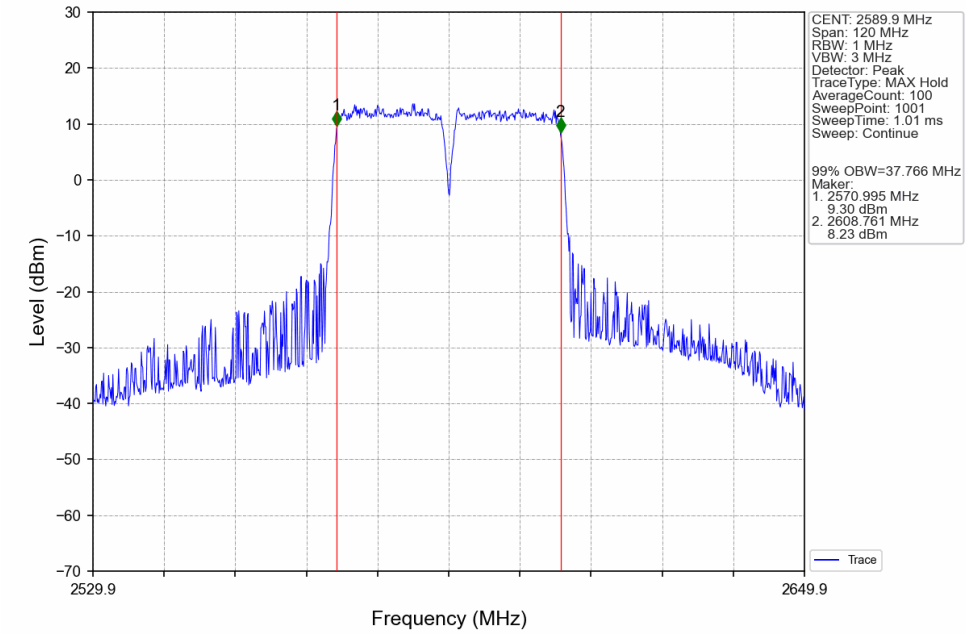
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



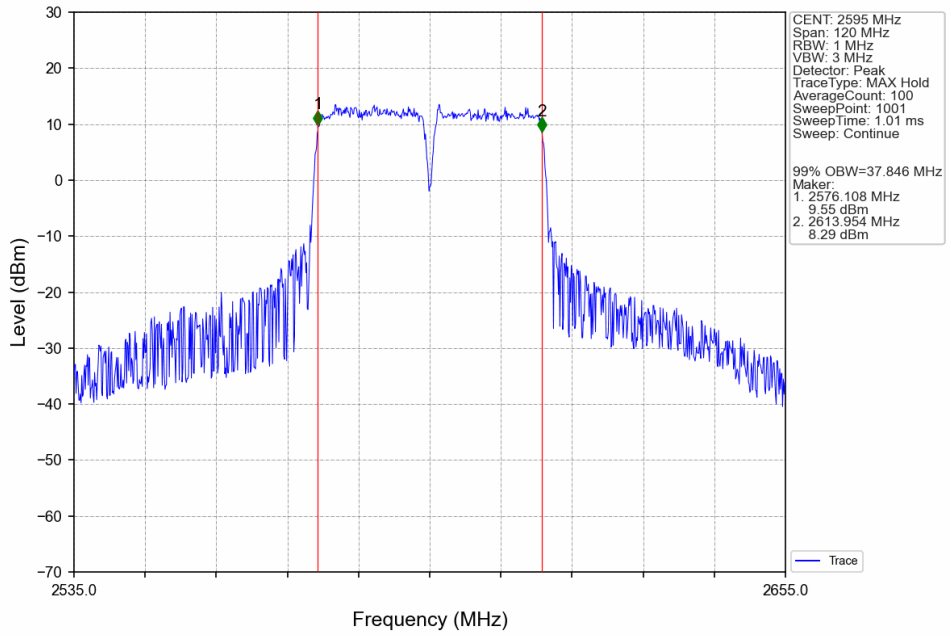
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



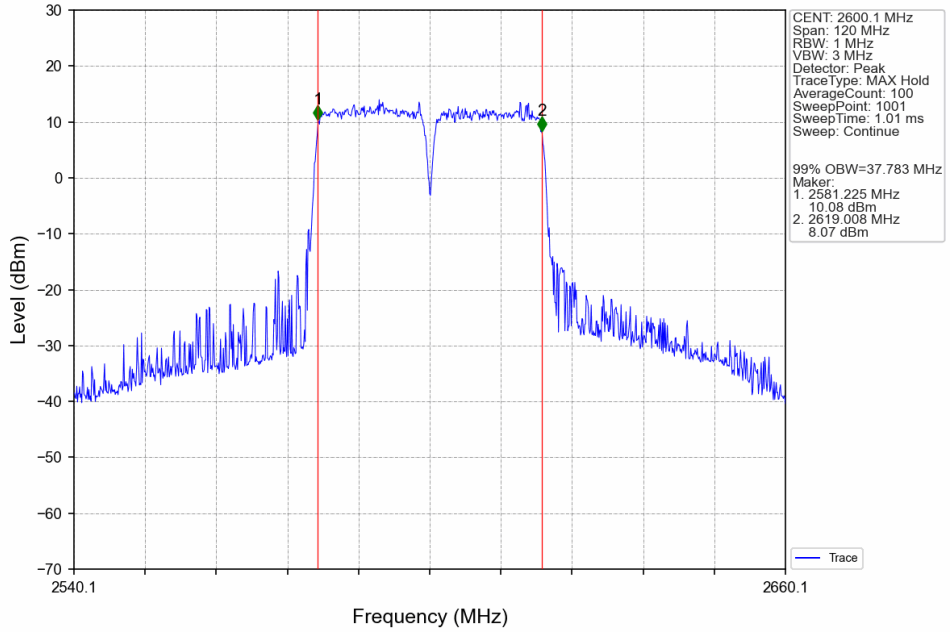
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



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

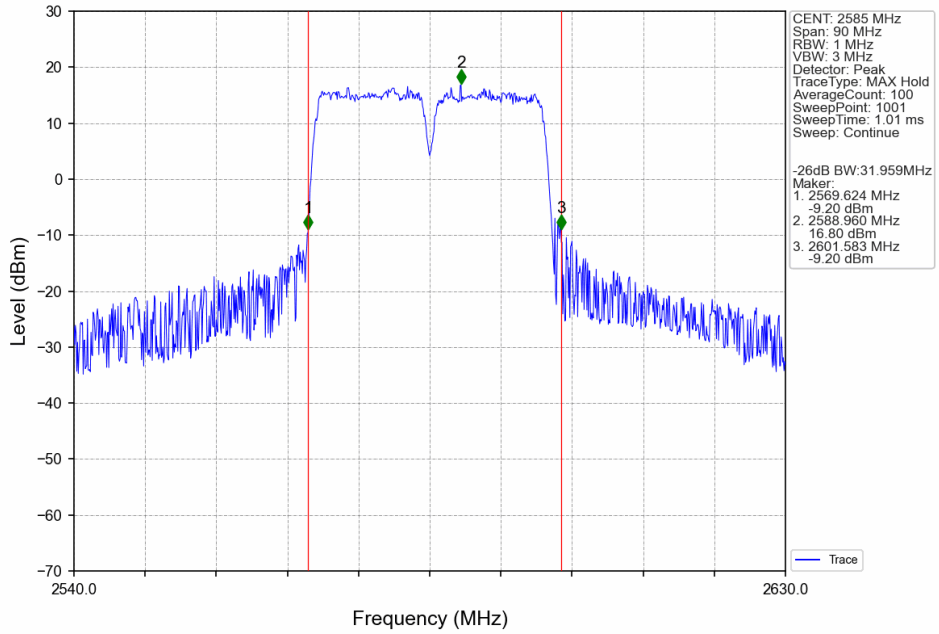


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0

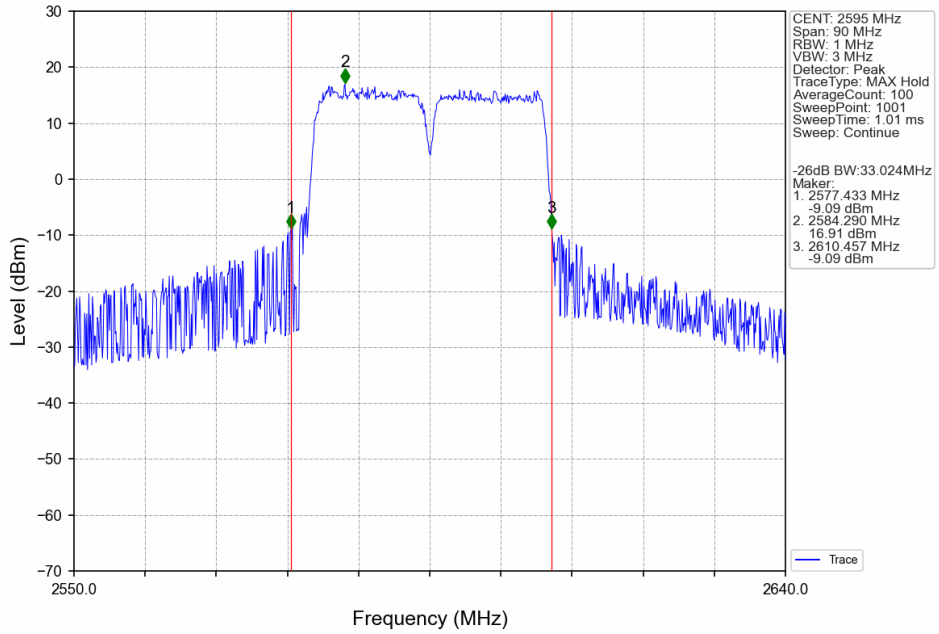


2.2.2 CA_38C_NTNV_XDB

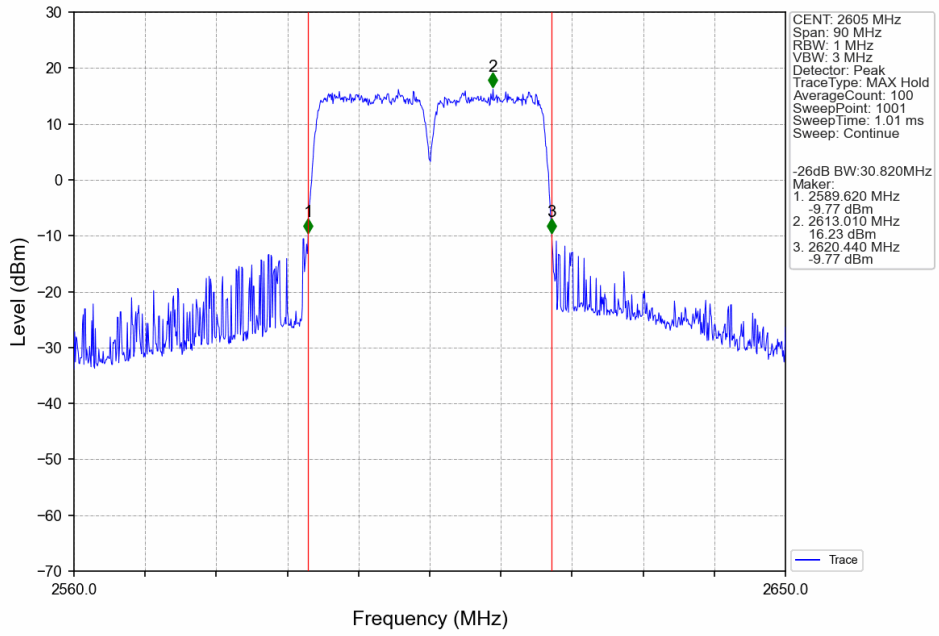
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



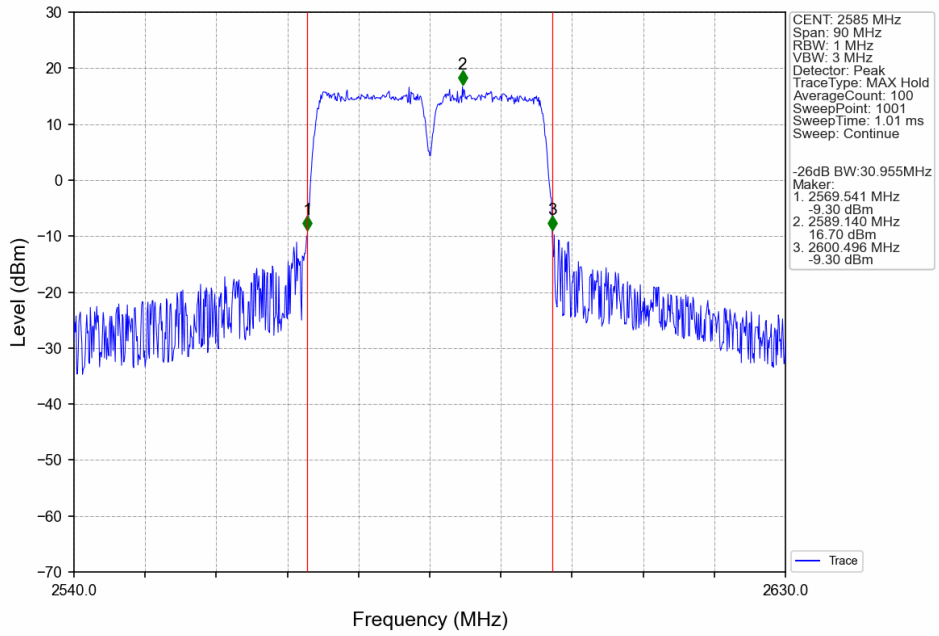
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



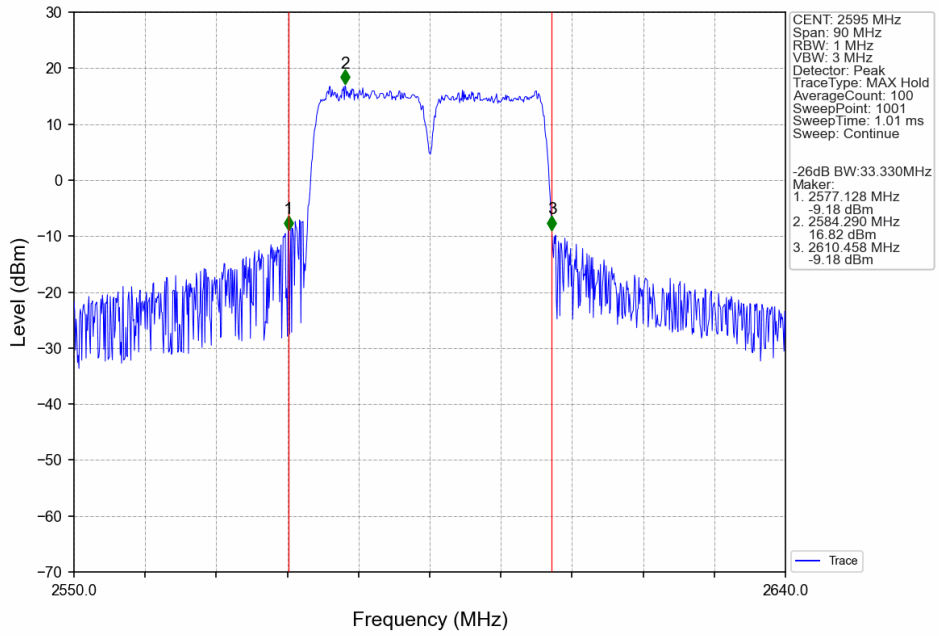
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



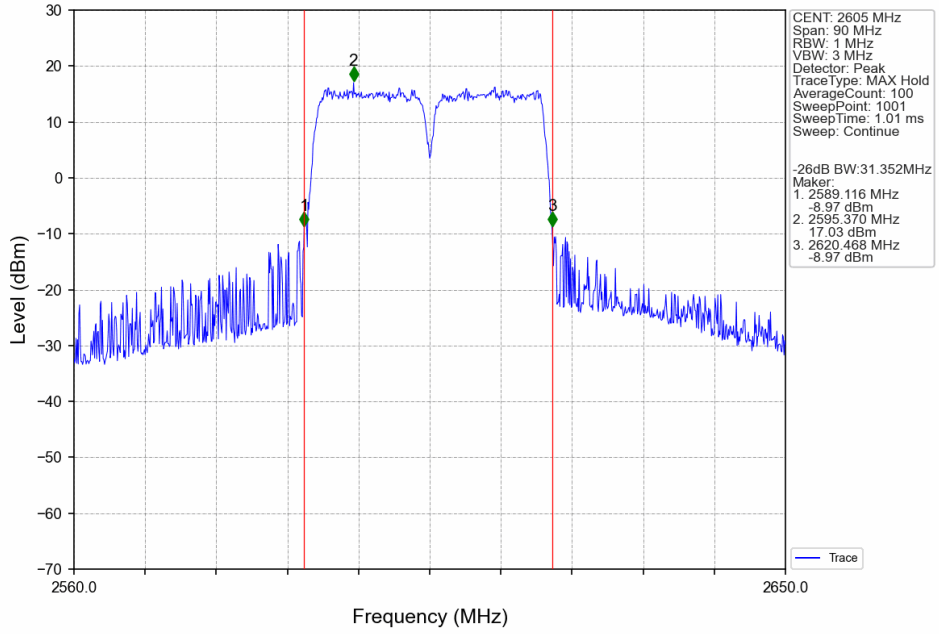
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



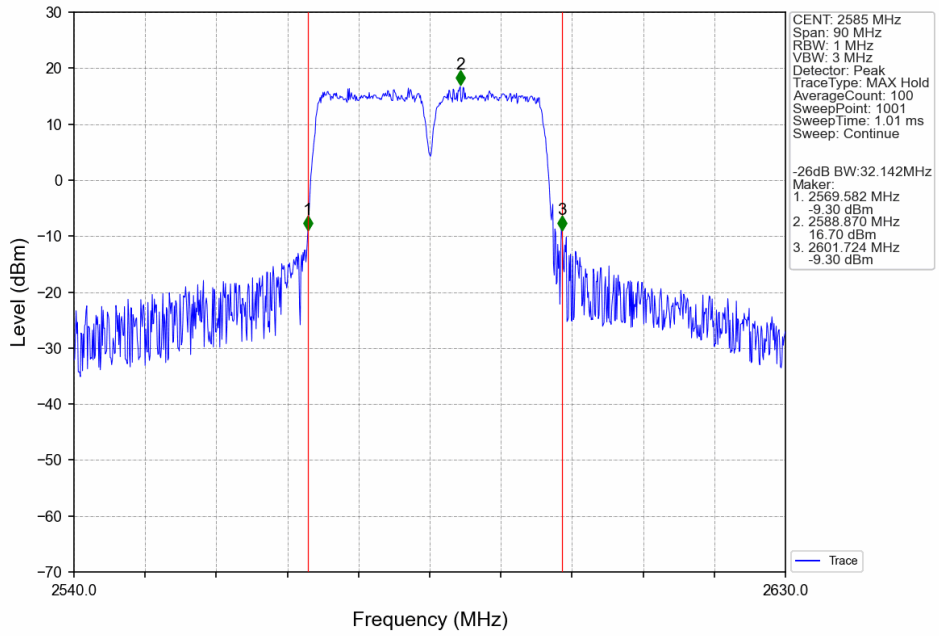
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



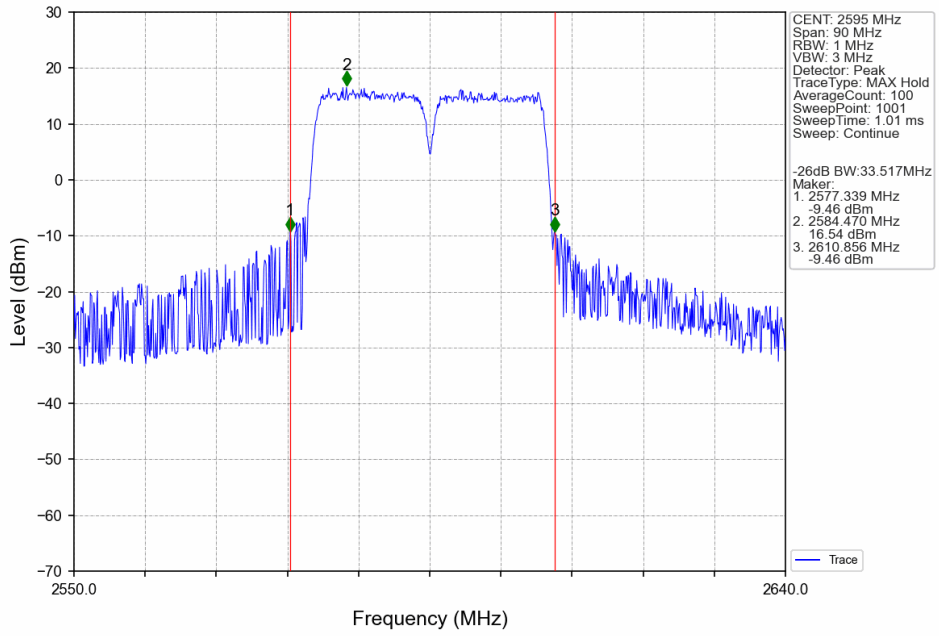
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:16QAM CC2:16QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



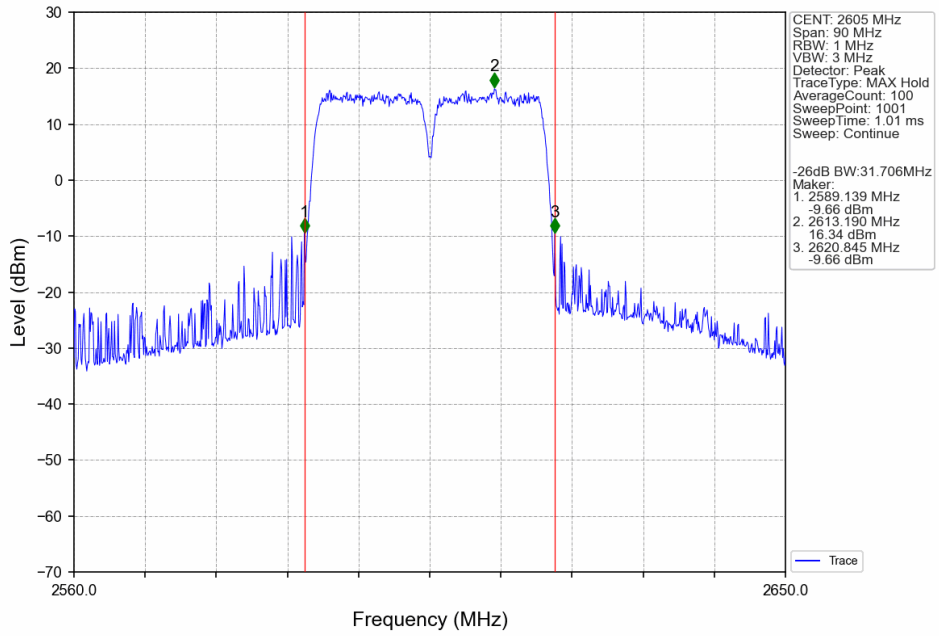
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



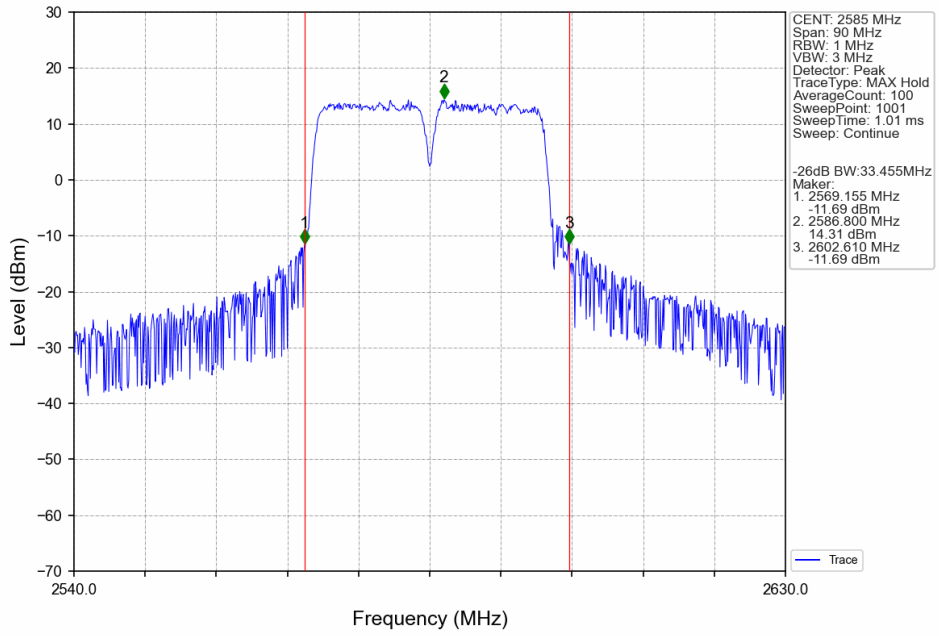
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



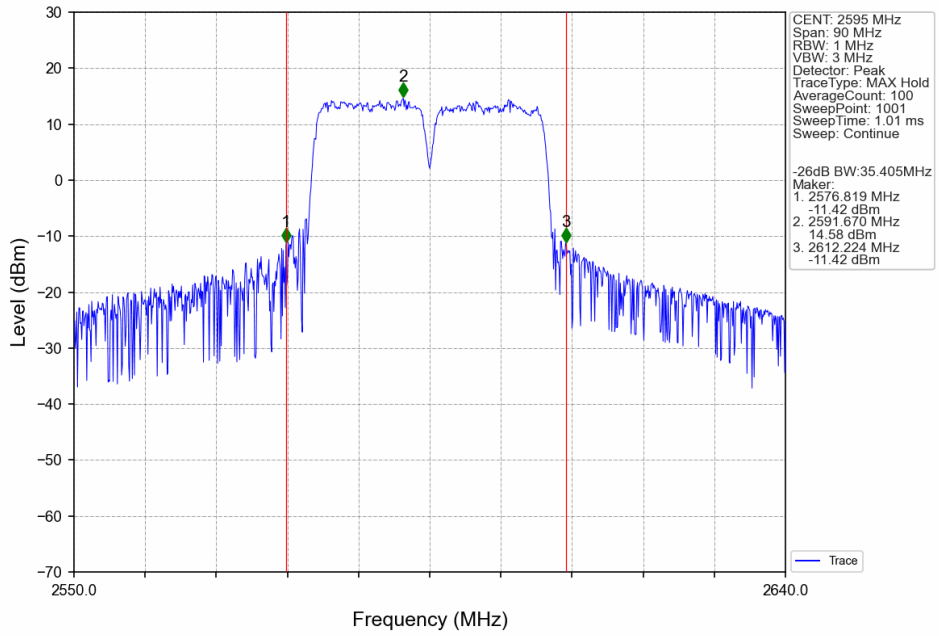
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:64QAM CC2:64QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



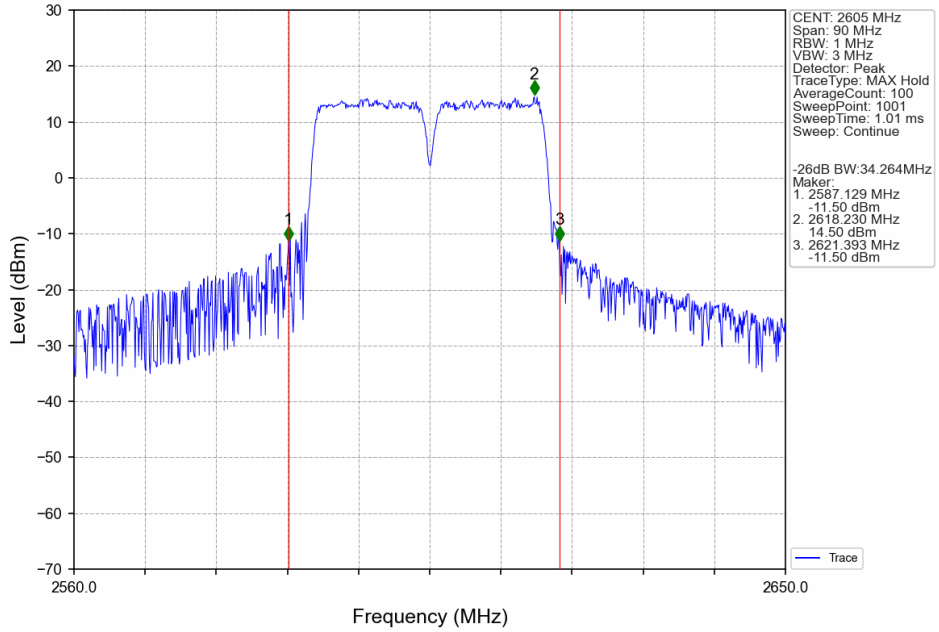
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



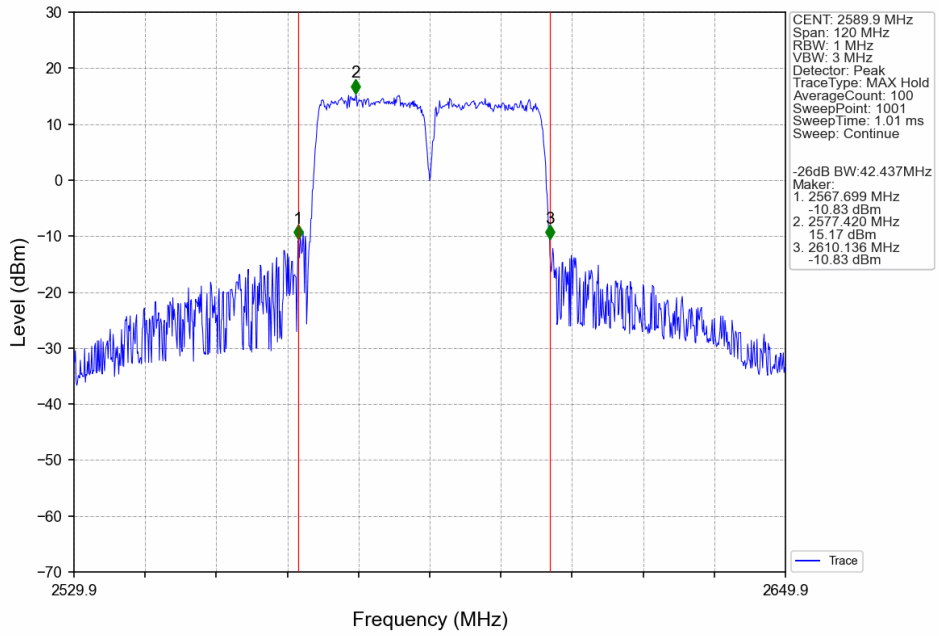
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2587.5 CC2:2602.5MHz_CC1: 75@0 CC2: 75@0



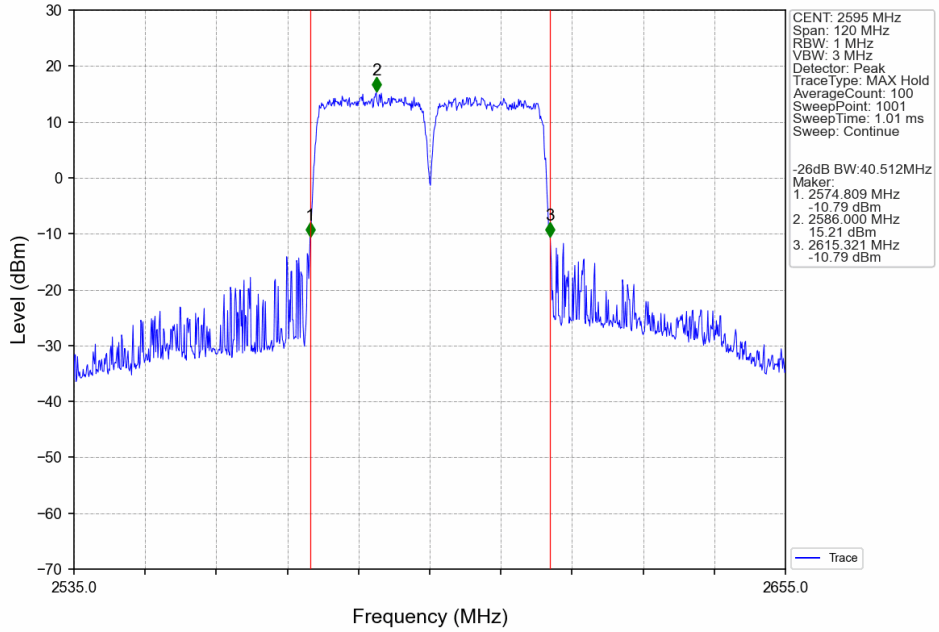
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:256QAM CC2:256QAM_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



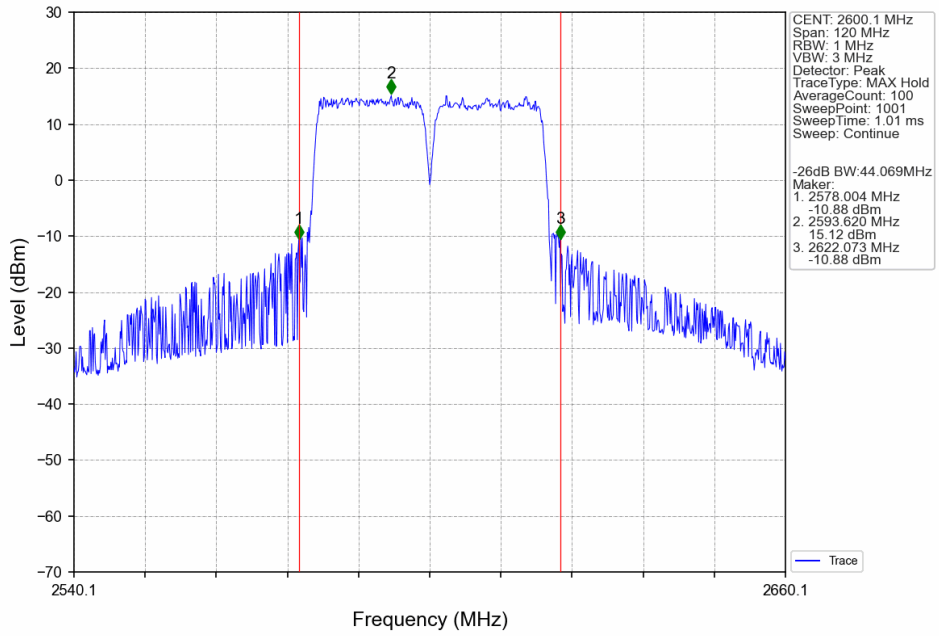
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



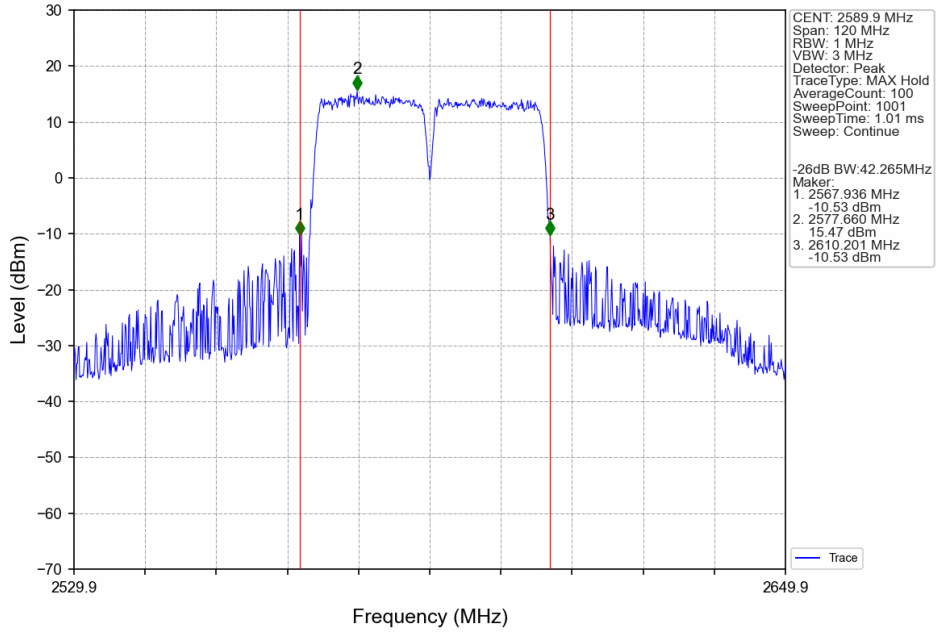
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



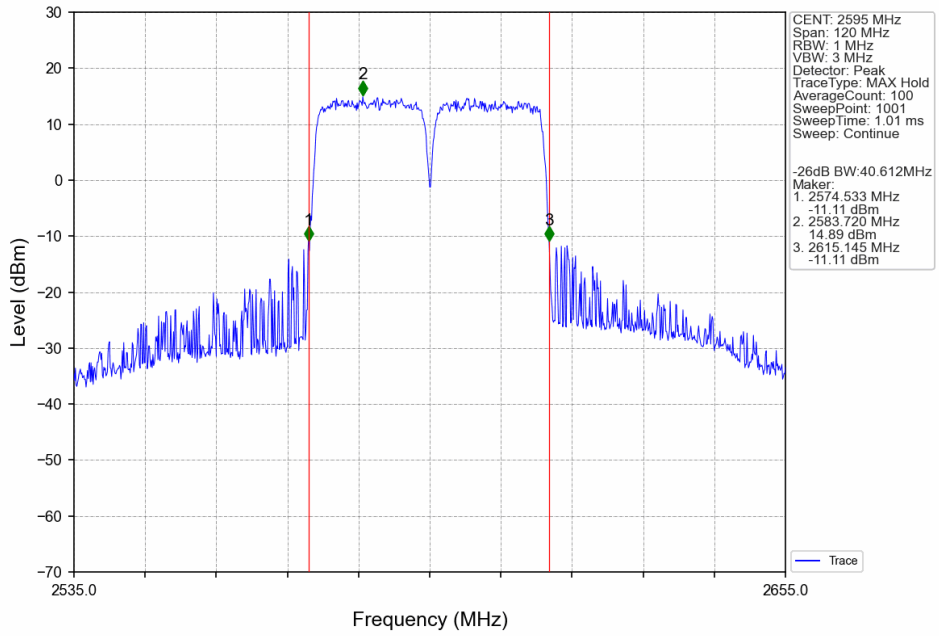
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



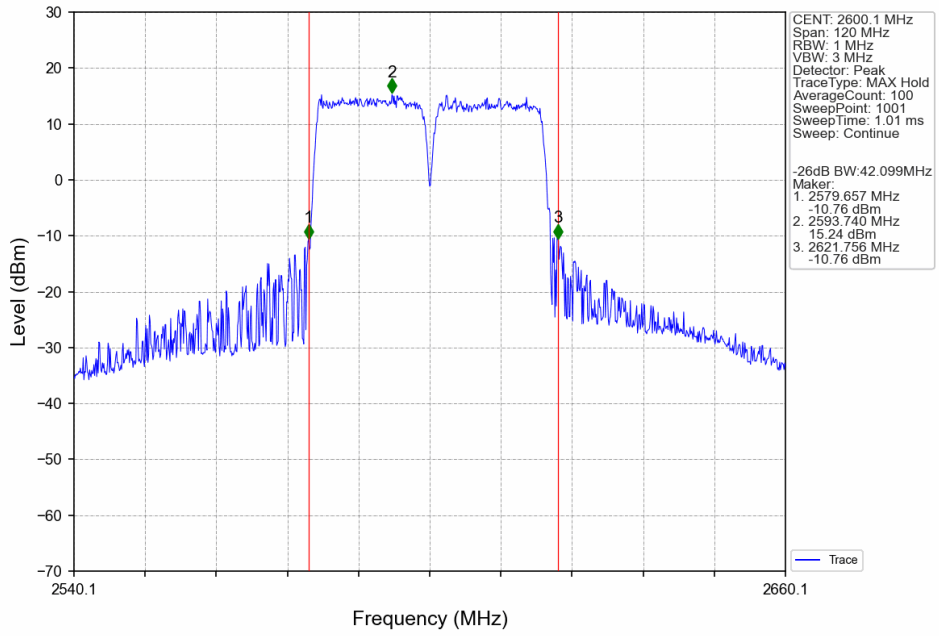
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



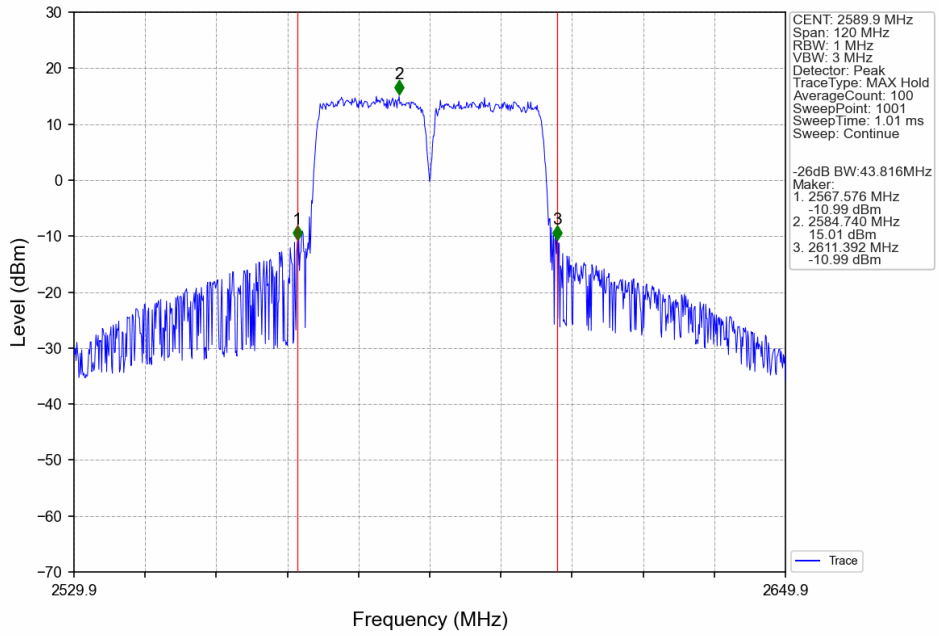
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



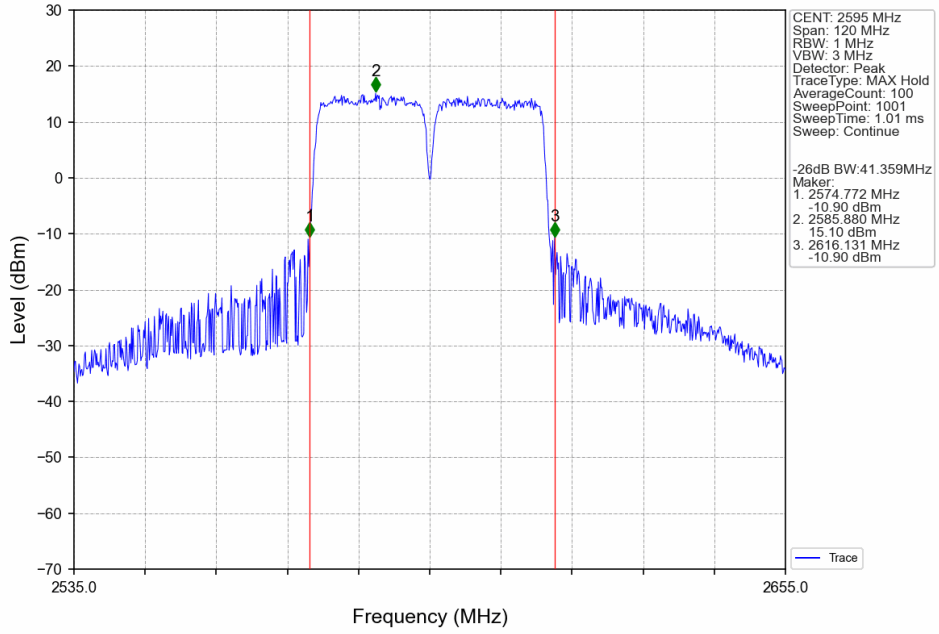
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:16QAM CC2:16QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



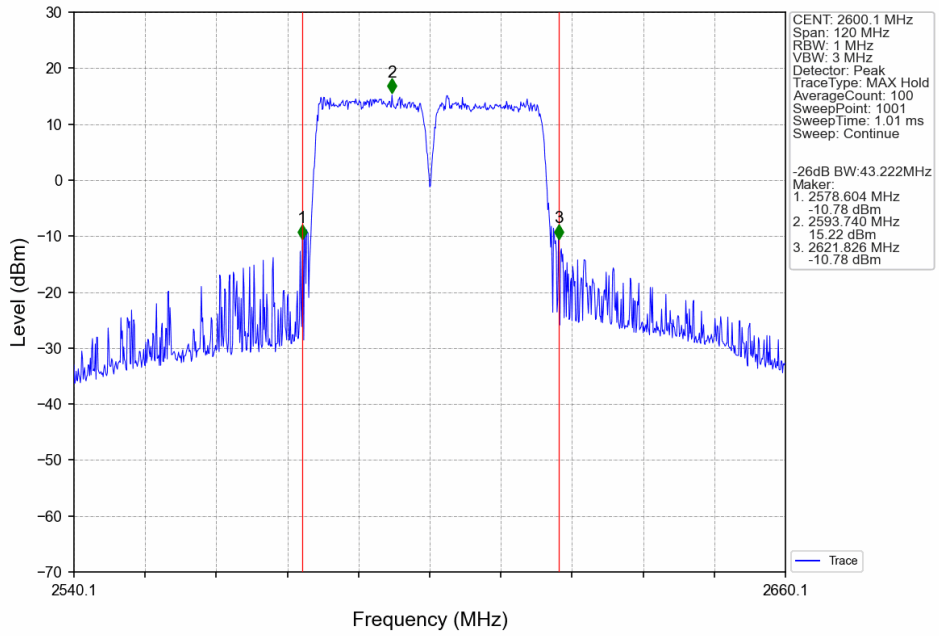
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



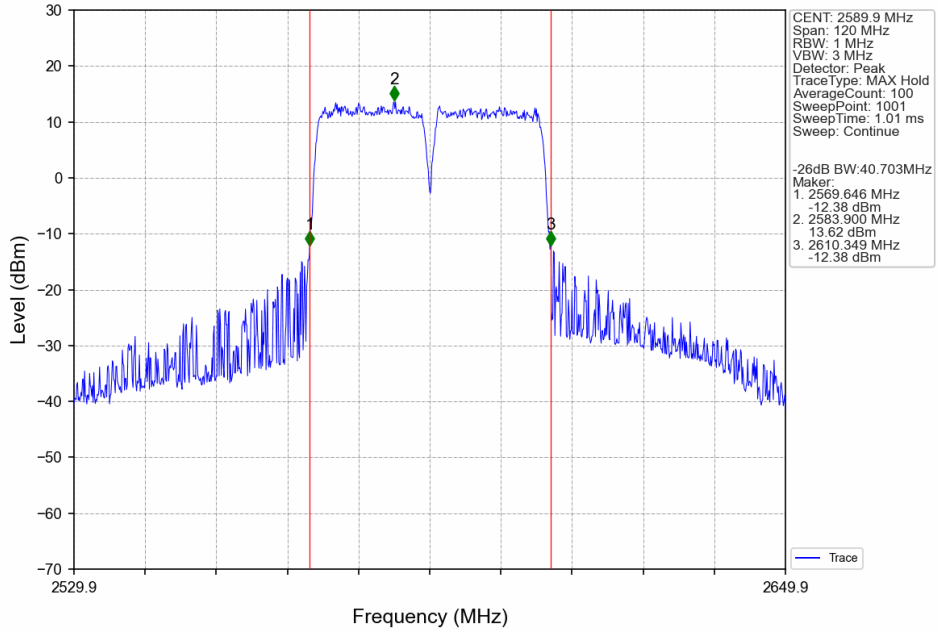
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2585.1 CC2:2604.9MHz_CC1: 100@0 CC2: 100@0



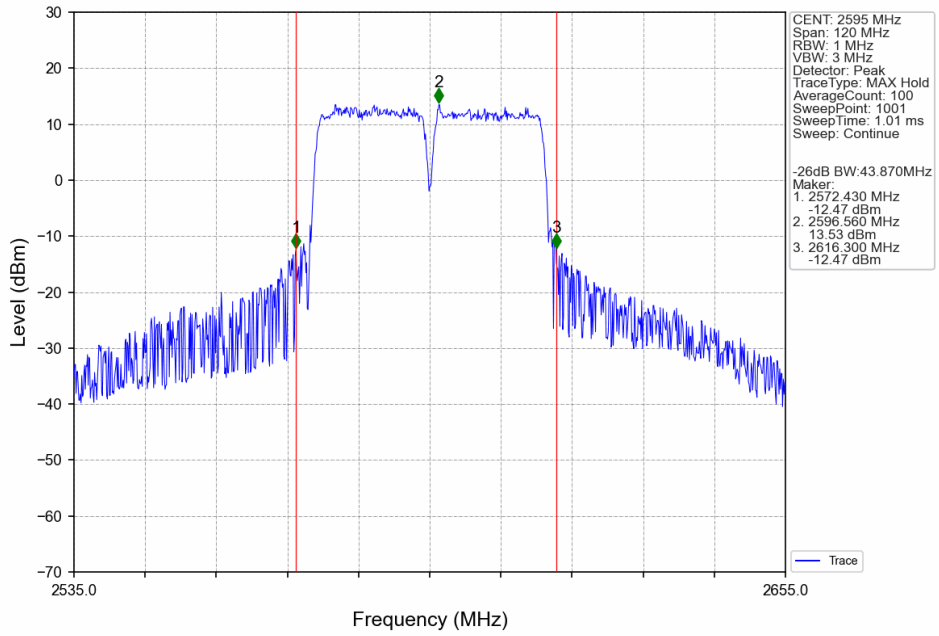
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:64QAM CC2:64QAM_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0



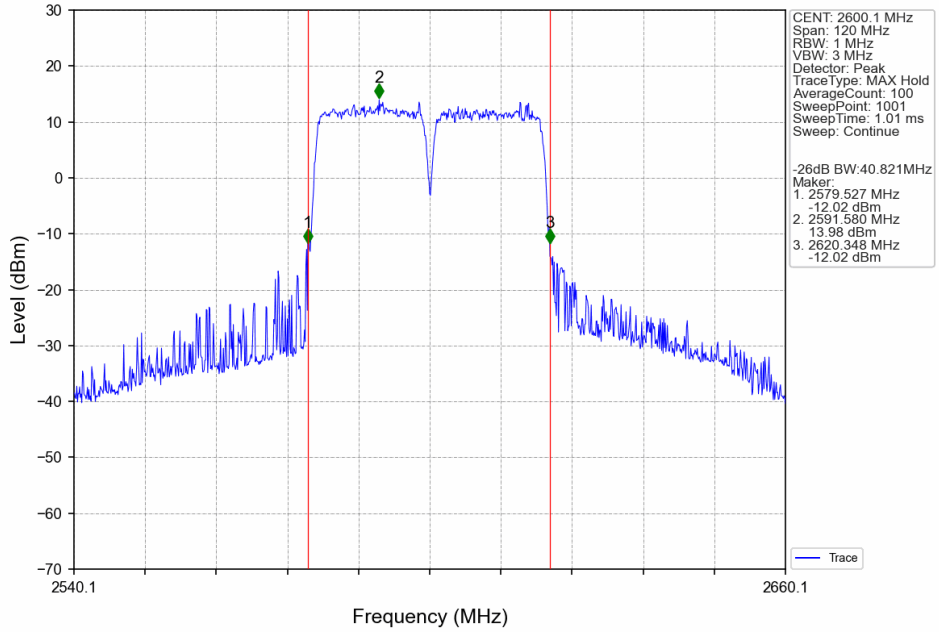
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:256QAM CC2:256QAM_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



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



3. Spurious Emission

3.1 Test Result

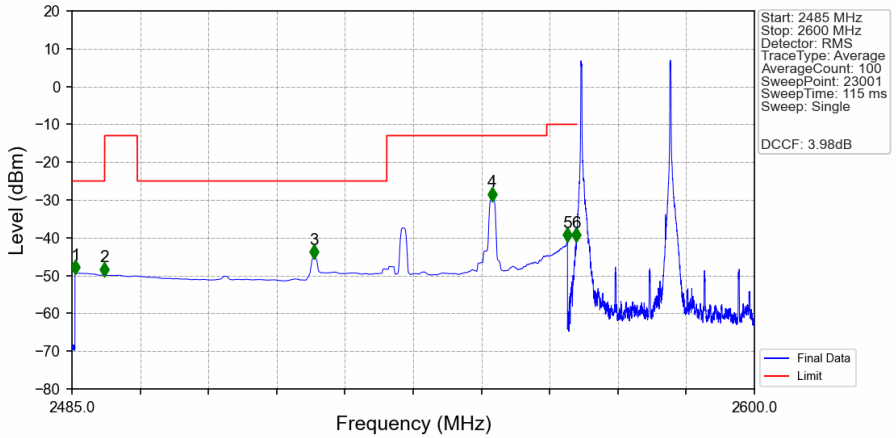
3.1.1 CA_38C_NTNV

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@74	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@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@99	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@99	Refer To Test Graph				Pass
			CC1: 100@0 CC2: 100@0	Refer To Test Graph				Pass

3.2 Test Graph

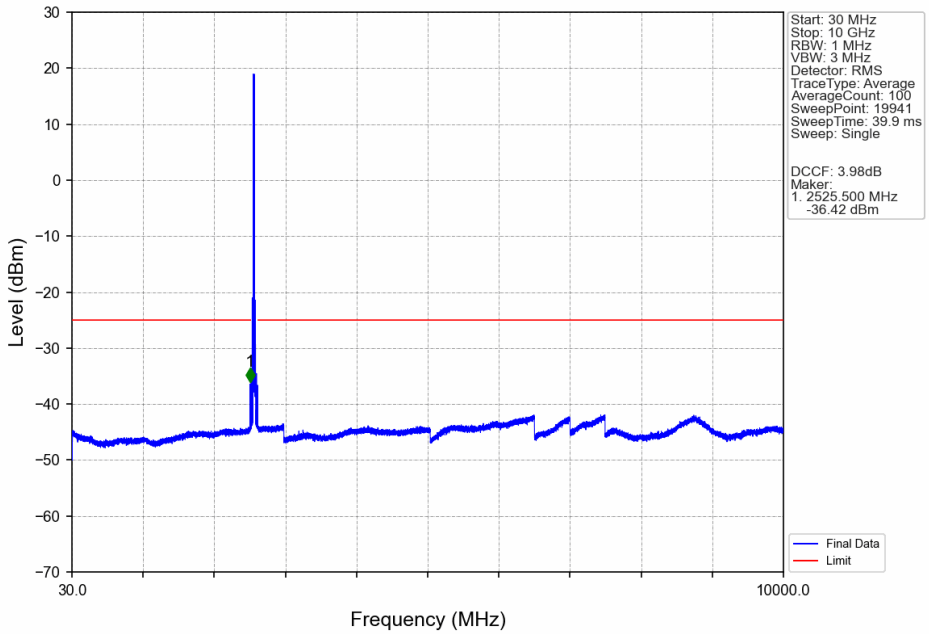
3.2.1 CA_38C_NTNV

CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@74

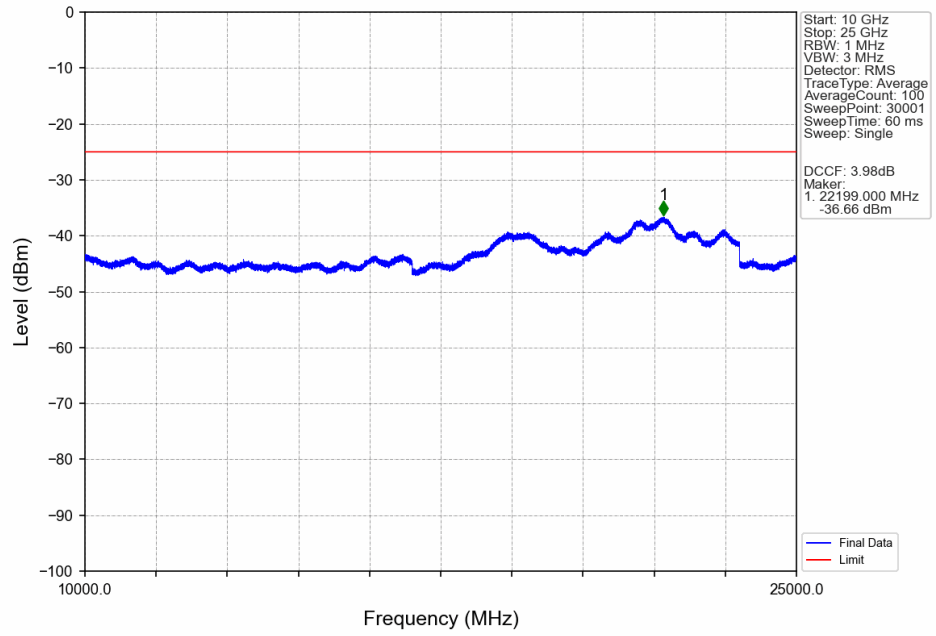


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.595	-49.30	-25	Pass
2490.5	2496	1	CHP	2	2490.505	-49.86	-13	Pass
2496	2538.041	1	CHP	3	2525.840	-45.36	-25	Pass
2538.041	2565	1	CHP	4	2555.770	-29.98	-13	Pass
2565	2569	1	CHP	5	2568.500	-40.77	-10	Pass
2569	2570	0.02	CHP	6	2569.990	-40.87	-10	Pass
2570	2600	0.02	CHP	/	/	/	/	/

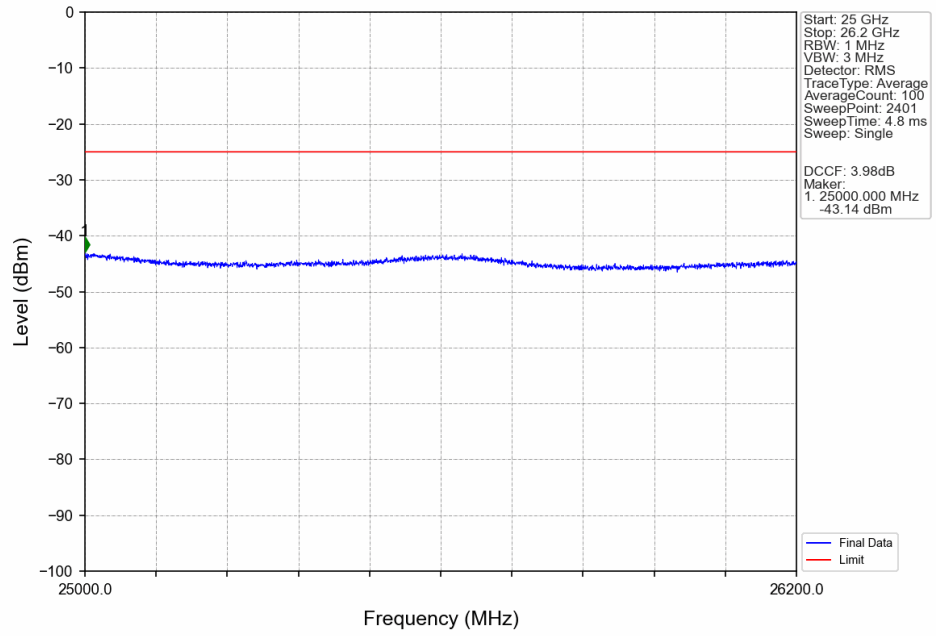
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@74



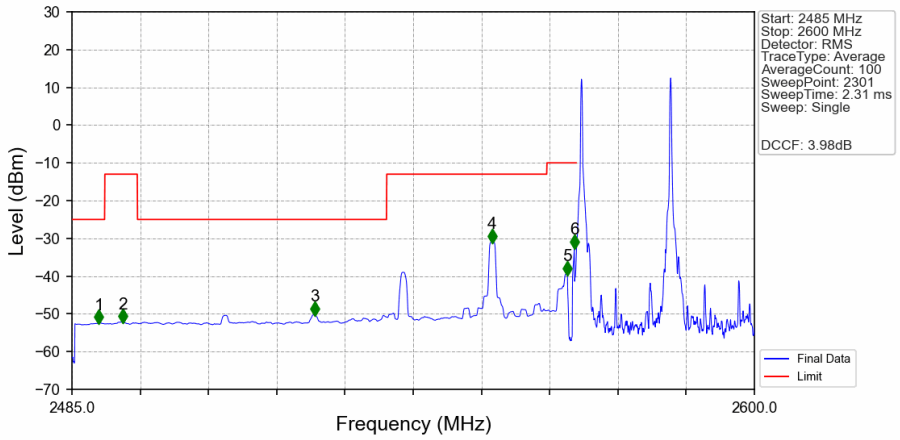
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@74



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 1@0 CC2: 1@74

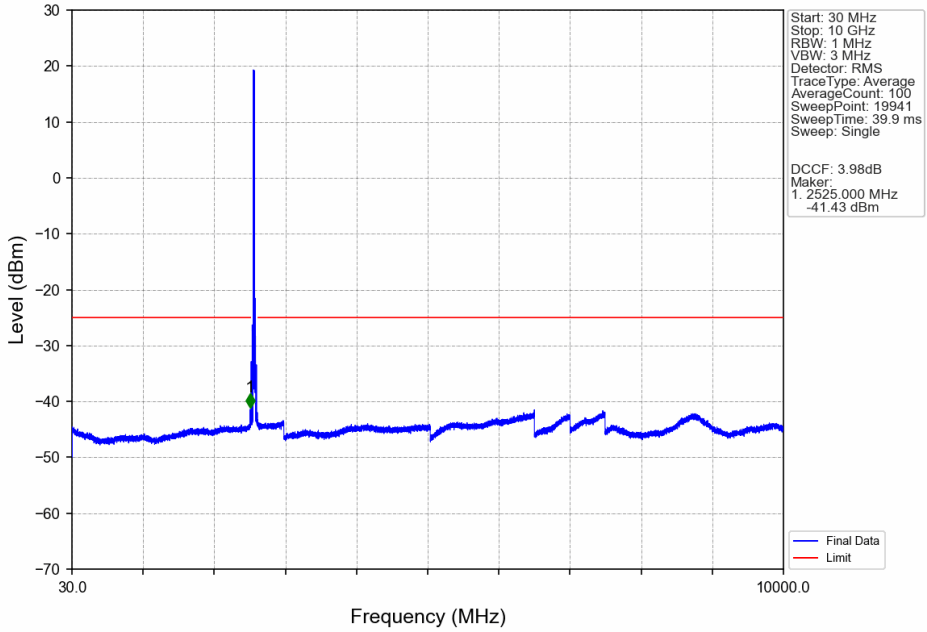


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0

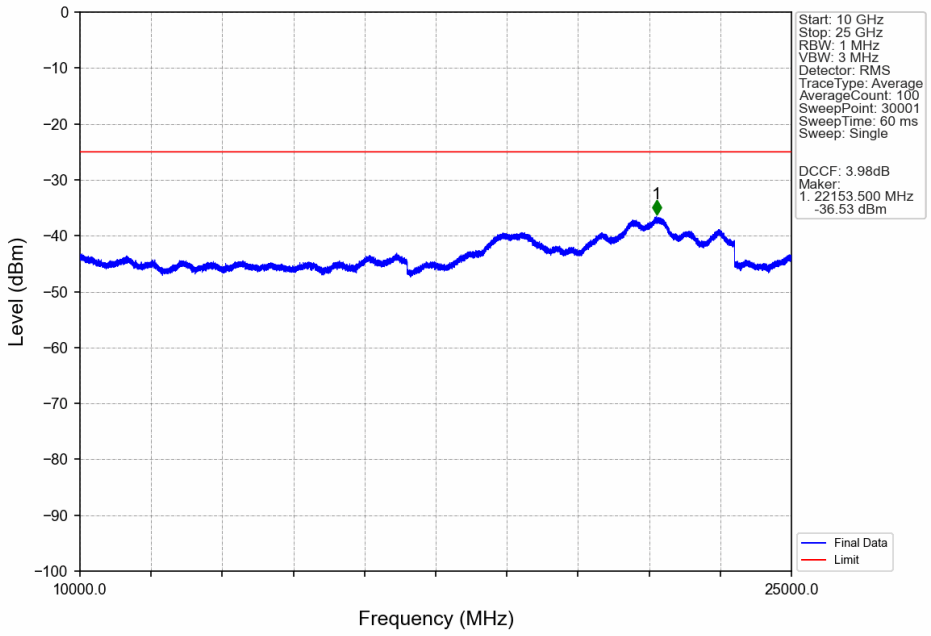


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.550	-52.35	-25	Pass
2490.5	2496	1	CHP	2	2493.600	-52.12	-13	Pass
2496	2538.041	1	CHP	3	2525.900	-50.16	-25	Pass
2538.041	2565	1	CHP	4	2555.800	-30.93	-13	Pass
2565	2569	1	CHP	5	2568.500	-39.43	-10	Pass
2569	2570	0.639	CHP	6	2569.650	-32.43	-10	Pass
2570	2600	0.1	/	/	/	/	/	/

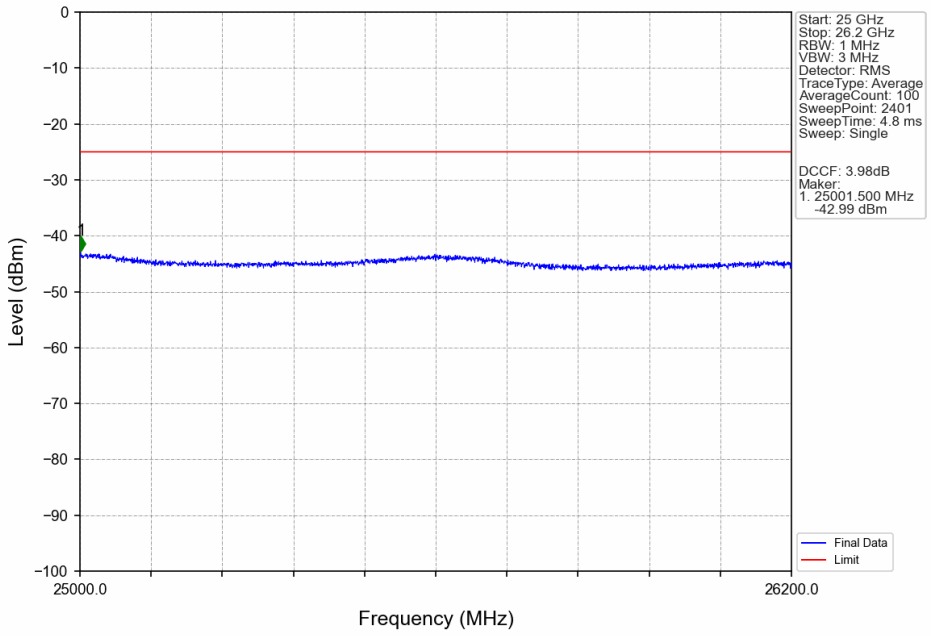
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



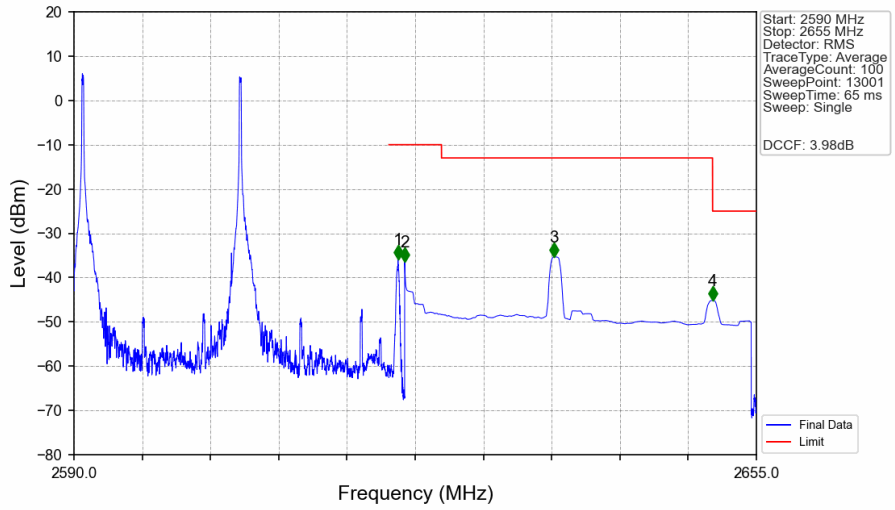
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2577.5 CC2:2592.5MHz_CC1: 75@0 CC2: 75@0



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

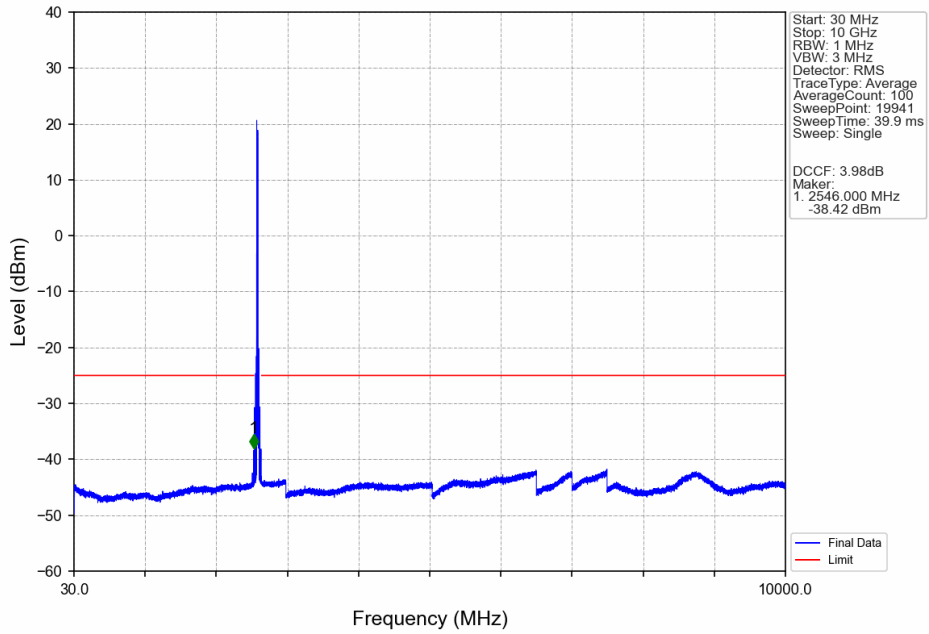


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@74

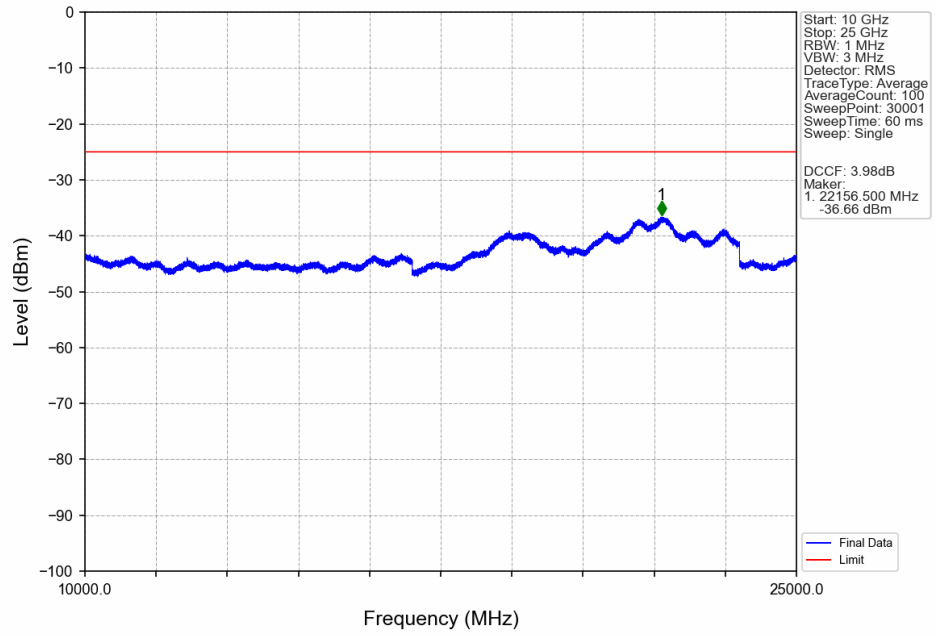


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.865	-35.80	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.49	-10	Pass
2625	2650.82	1	CHP	3	2635.725	-35.34	-13	Pass
2650.82	2655	1	CHP	4	2650.825	-45.18	-25	Pass

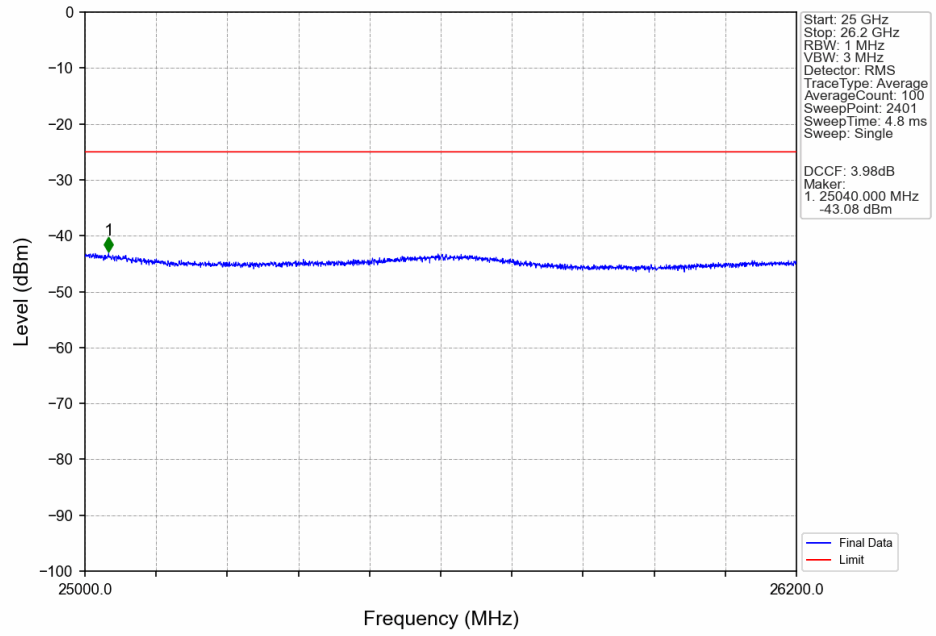
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@74



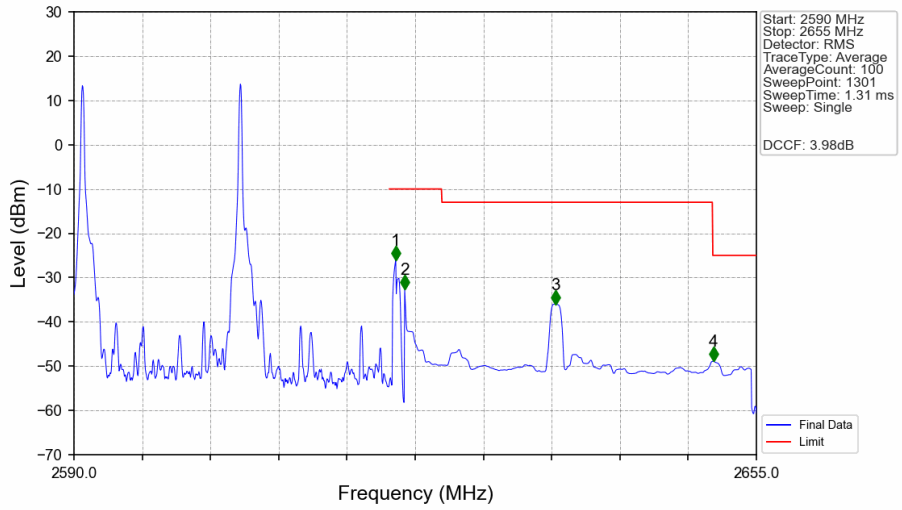
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@74



CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 1@0 CC2: 1@74

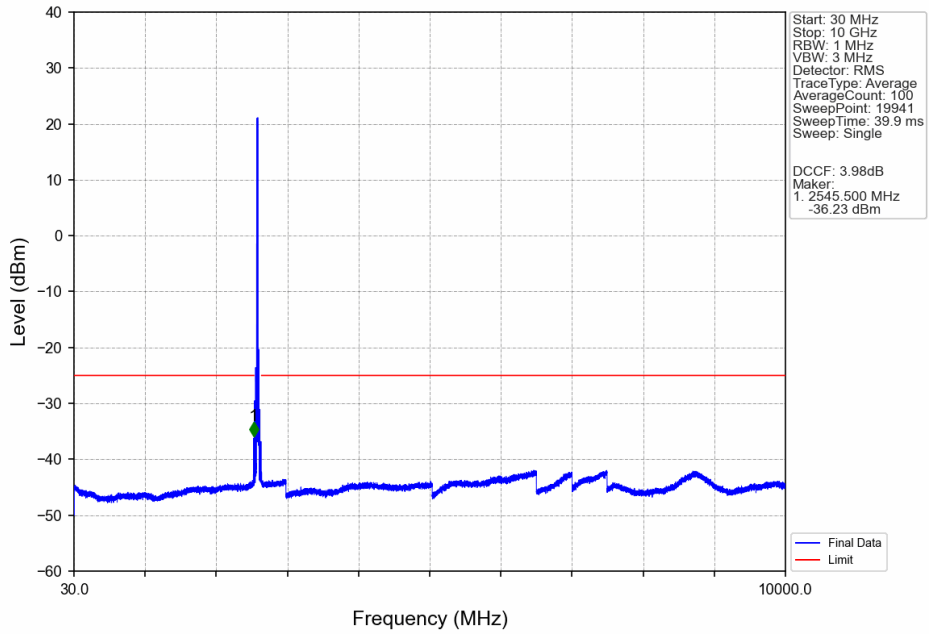


CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0

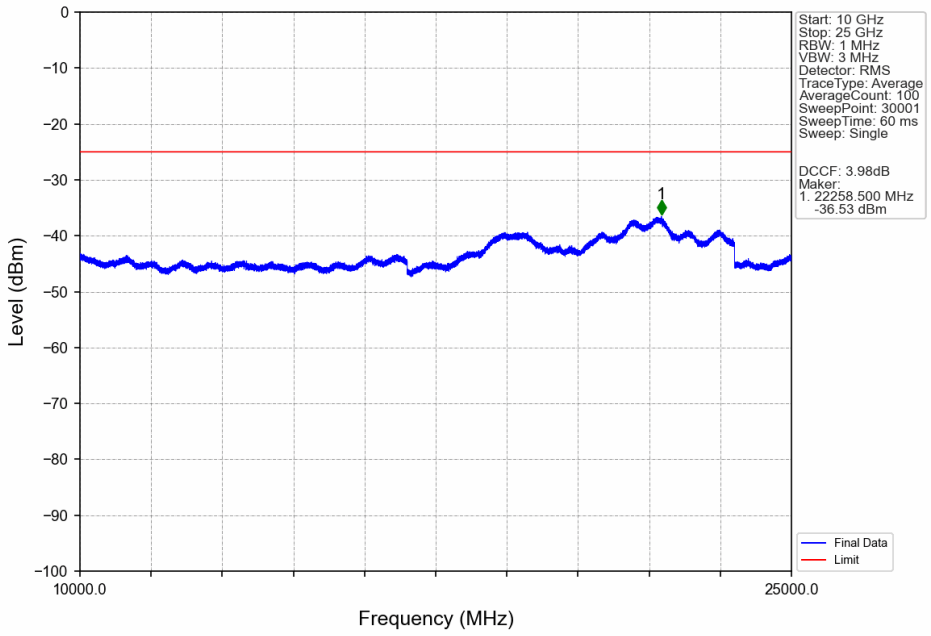


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.1	/	/	/	/	/	/
2620	2621	0.616	CHP	1	2620.650	-26.13	-10	Pass
2621	2625	1	CHP	2	2621.500	-32.58	-10	Pass
2625	2650.82	1	CHP	3	2635.900	-36.00	-13	Pass
2650.82	2655	1	CHP	4	2650.900	-48.89	-25	Pass

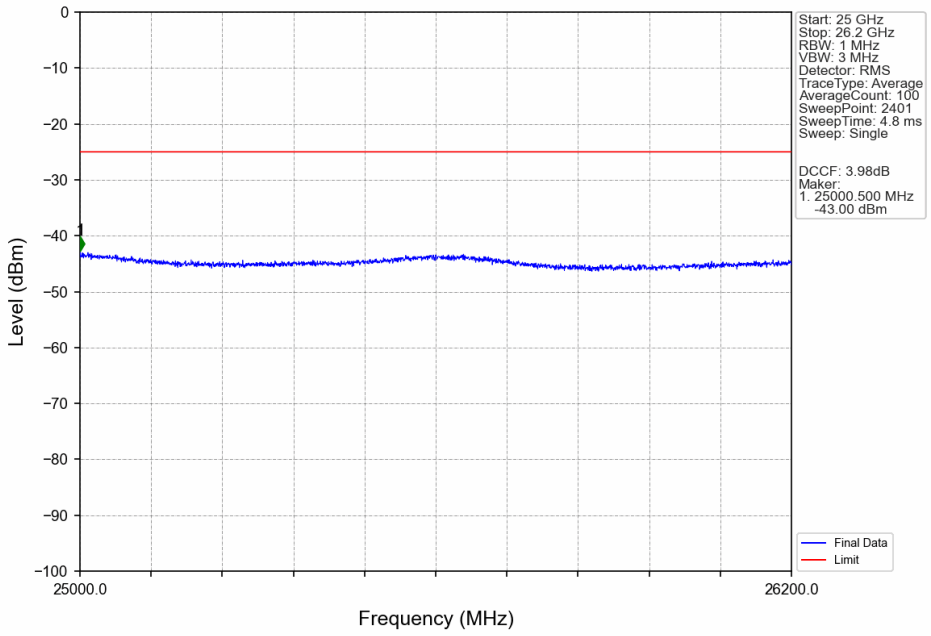
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



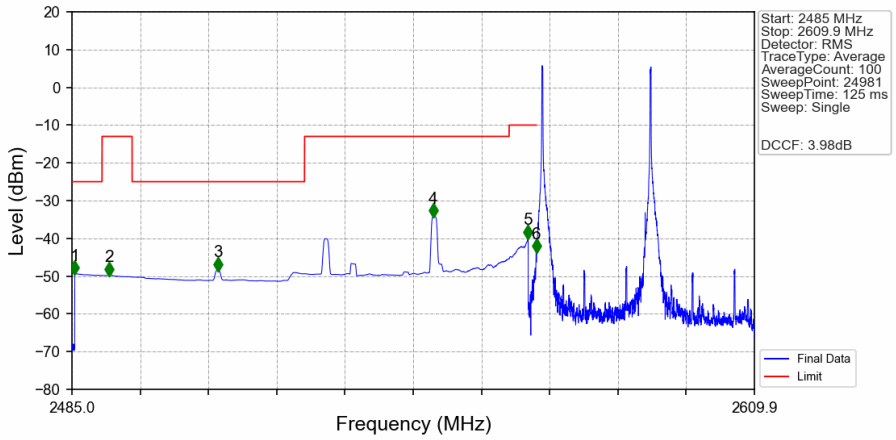
CA_38C_SISO_NTNV_CC1:15 CC2:15MHz_CC1:QPSK CC2:QPSK_CC1:2597.5 CC2:2612.5MHz_CC1: 75@0 CC2: 75@0



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

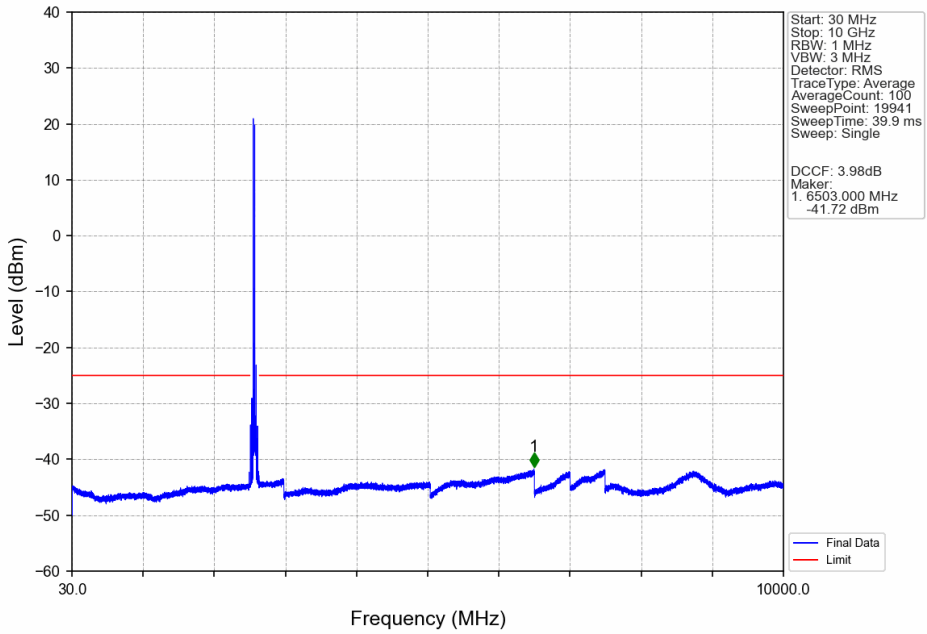


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@99

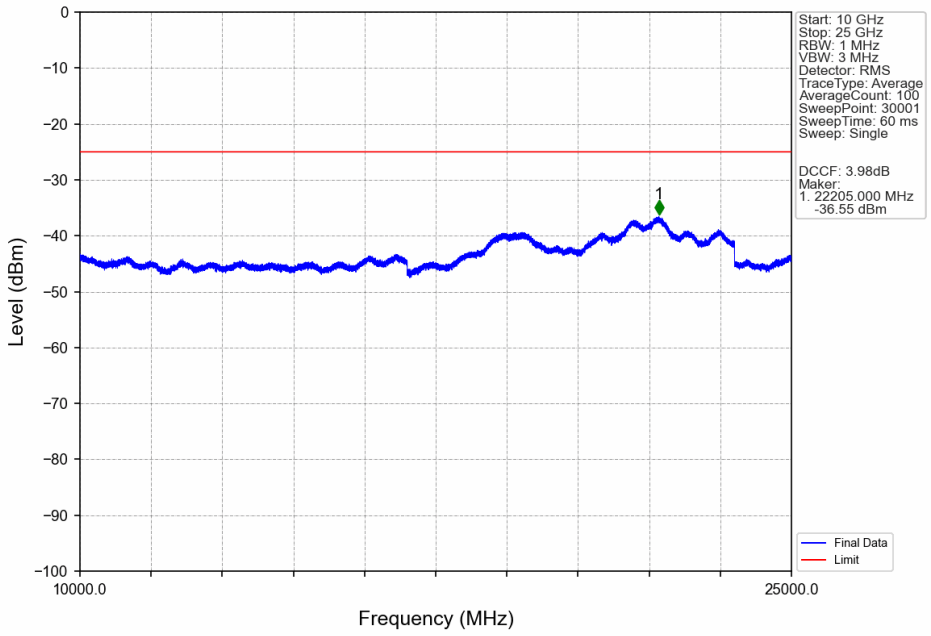


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.500	-49.34	-25	Pass
2490.5	2496	1	CHP	2	2491.760	-49.69	-13	Pass
2496	2527.563	1	CHP	3	2511.685	-48.38	-25	Pass
2527.563	2565	1	CHP	4	2551.135	-34.17	-13	Pass
2565	2569	1	CHP	5	2568.440	-39.84	-10	Pass
2569	2570	0.02	CHP	6	2569.970	-43.53	-10	Pass
2570	2609.9	0.02	CHP	/	/	/	/	/

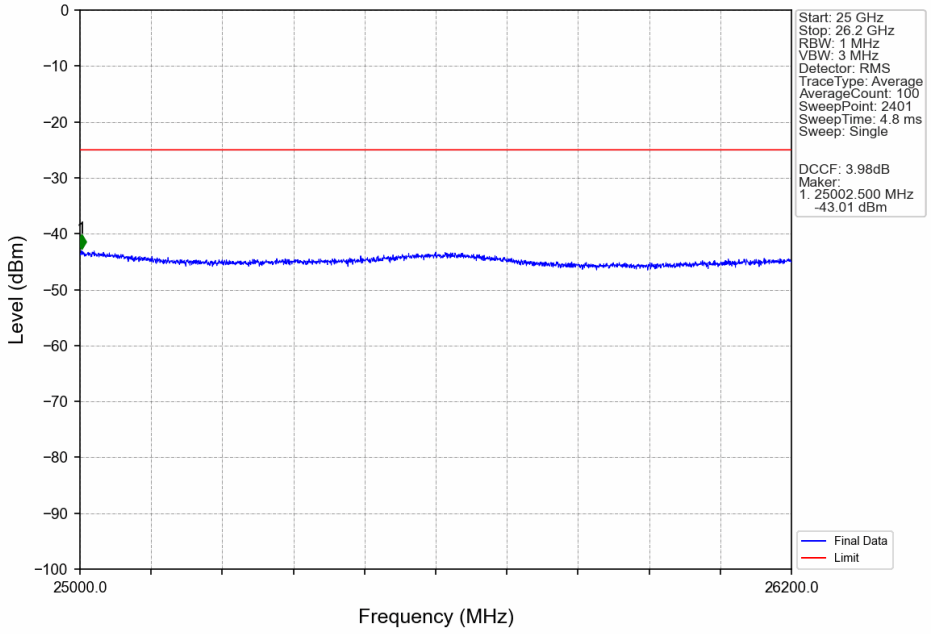
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@99



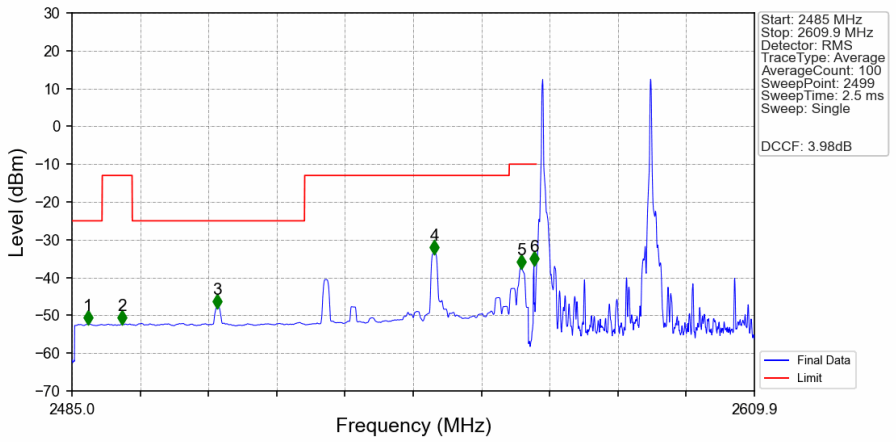
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@99



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 1@0 CC2: 1@99

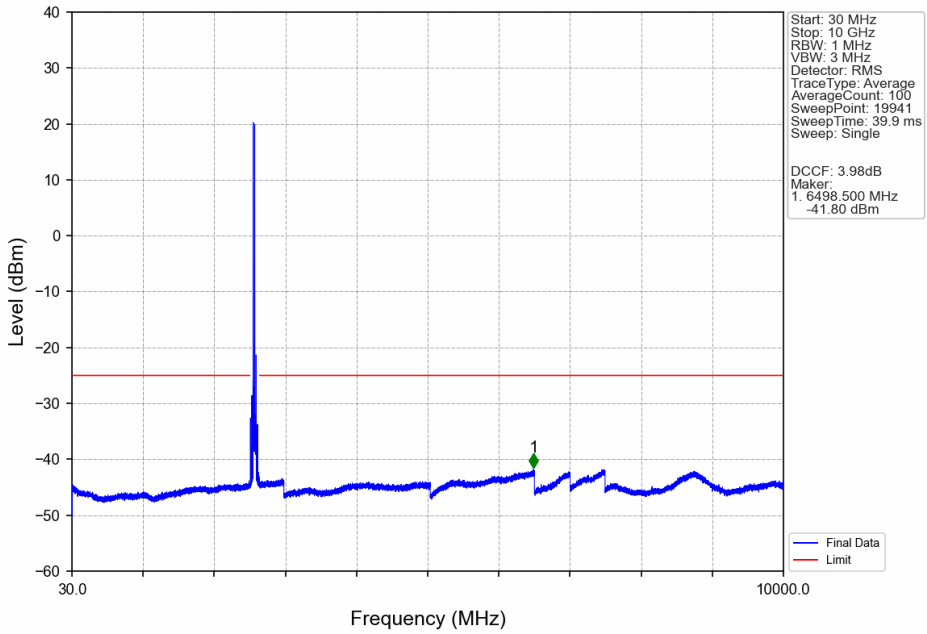


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0

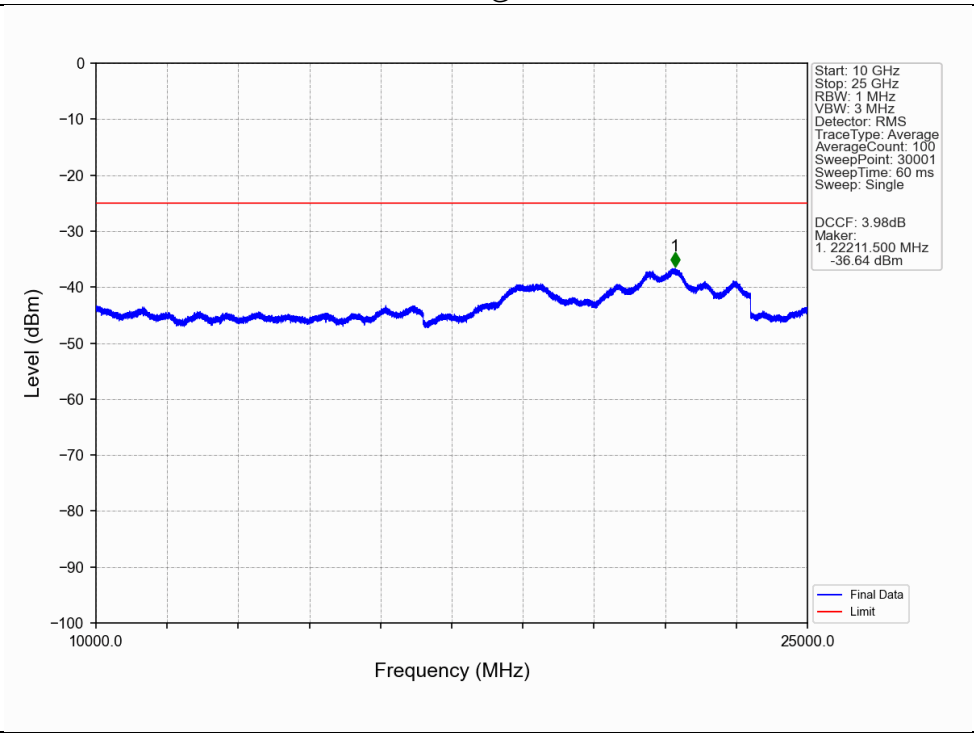


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.950	-52.22	-25	Pass
2490.5	2496	1	CHP	2	2494.150	-52.24	-13	Pass
2496	2527.563	1	CHP	3	2511.600	-47.84	-25	Pass
2527.563	2565	1	CHP	4	2551.350	-33.57	-13	Pass
2565	2569	1	CHP	5	2567.200	-37.43	-10	Pass
2569	2570	0.849	CHP	6	2569.550	-36.56	-10	Pass
2570	2609.9	0.1	/	/	/	/	/	/

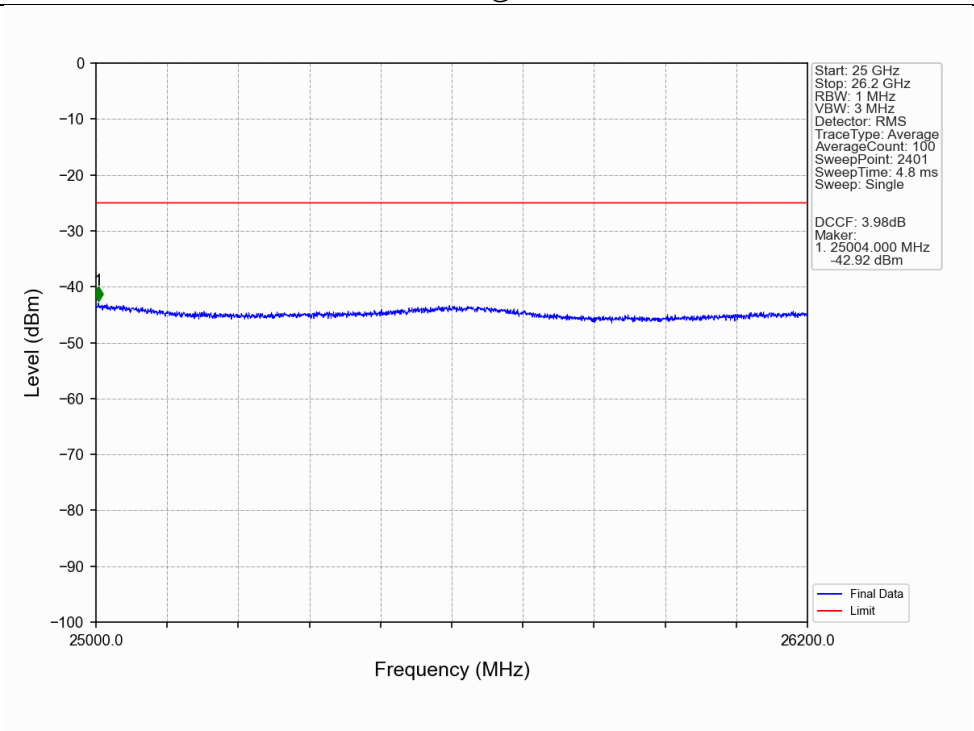
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



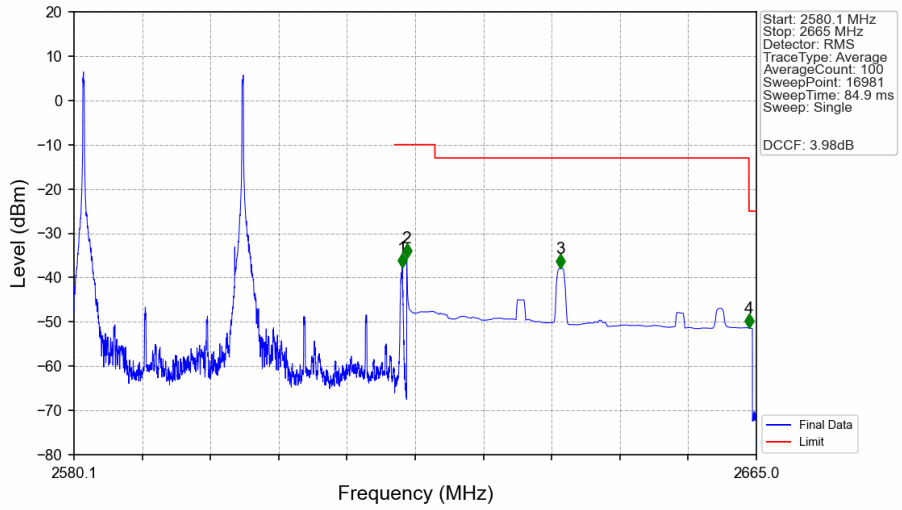
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2580 CC2:2599.8MHz_CC1: 100@0 CC2: 100@0



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

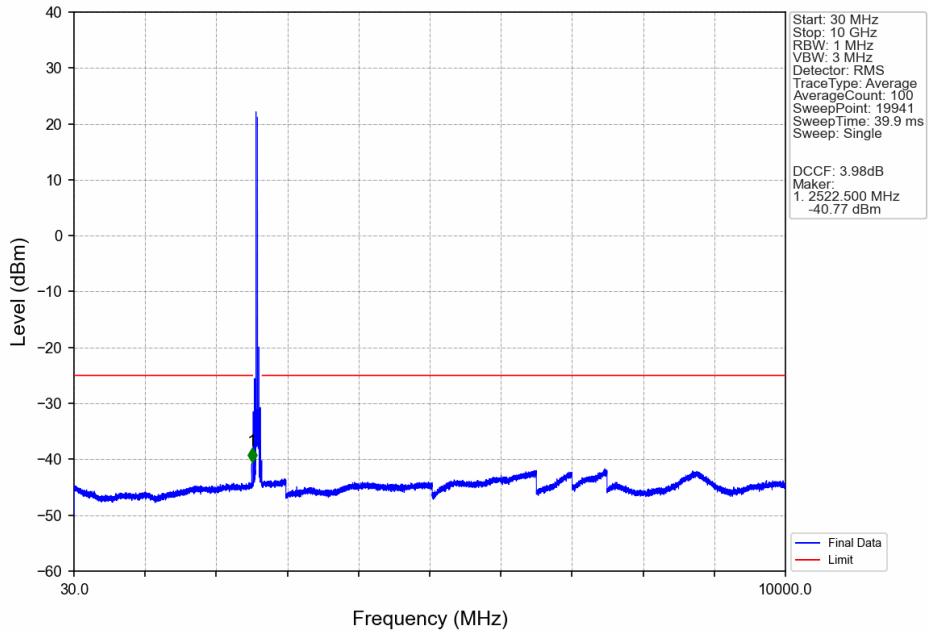


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@0 CC2: 1@99

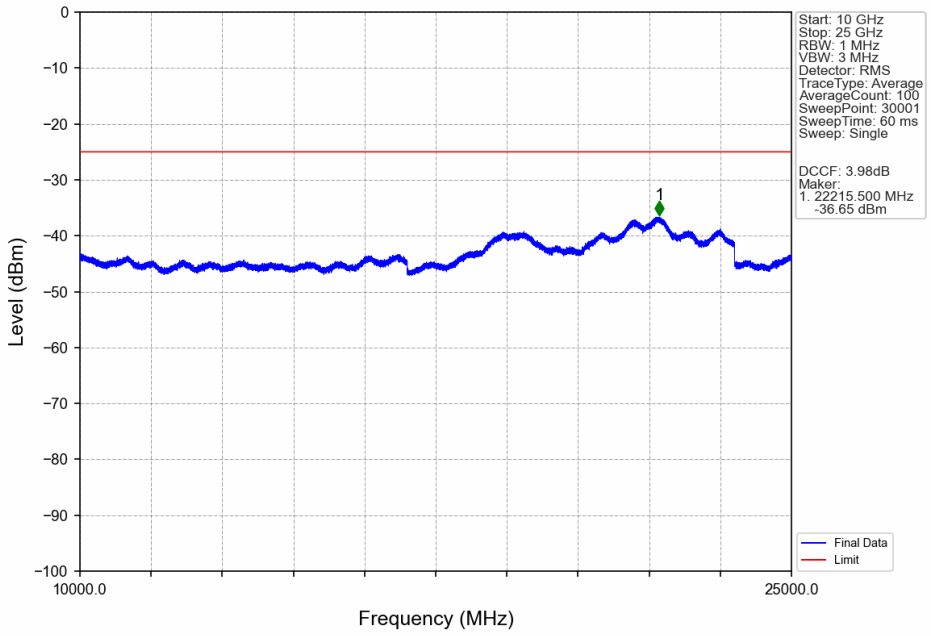


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2580.1	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.920	-37.72	-10	Pass
2621	2625	1	CHP	2	2621.500	-35.54	-10	Pass
2625	2664.069	1	CHP	3	2640.605	-37.90	-13	Pass
2664.069	2665	1	CHP	4	2664.070	-51.40	-25	Pass

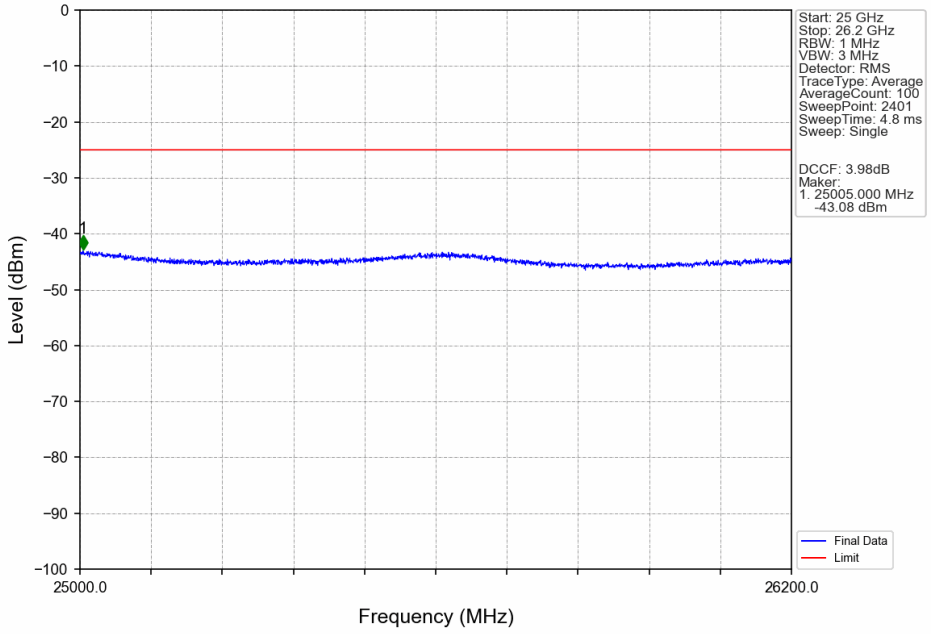
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@0 CC2: 1@99



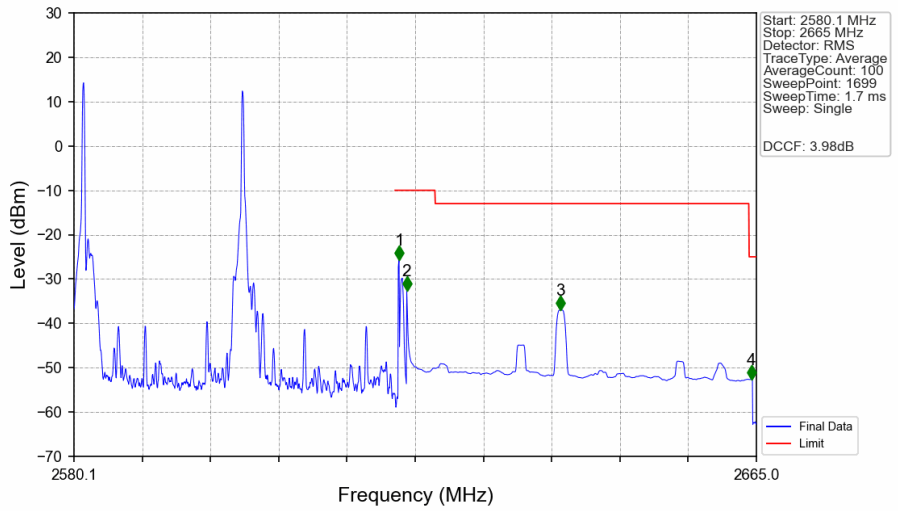
CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@0 CC2: 1@99



CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 1@0 CC2: 1@99

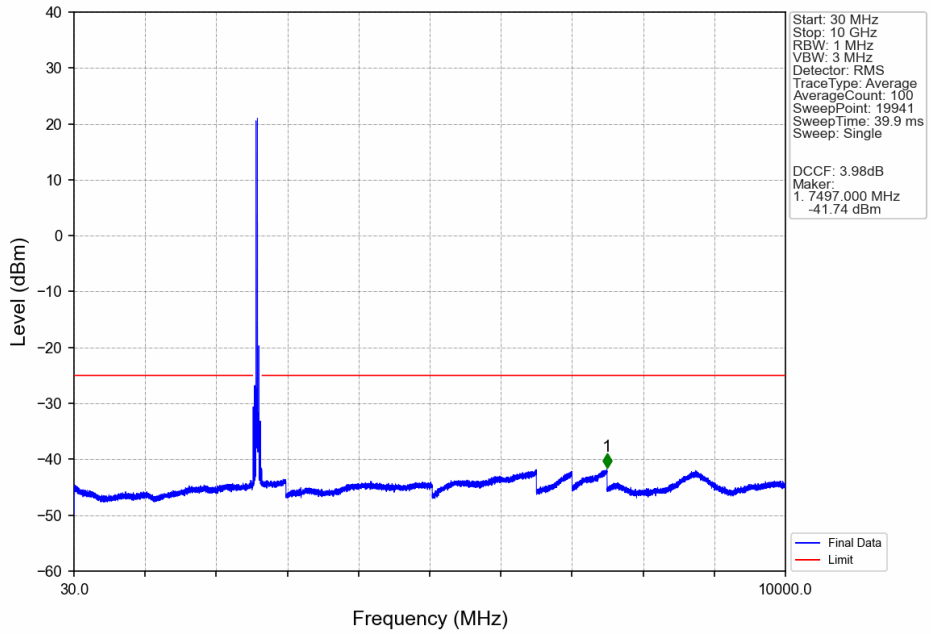


CA_38C_SISO_NTNV_CC1:20 CC2:20MHz_CC1:QPSK CC2:QPSK_CC1:2590.2 CC2:2610MHz_CC1: 100@0 CC2: 100@0

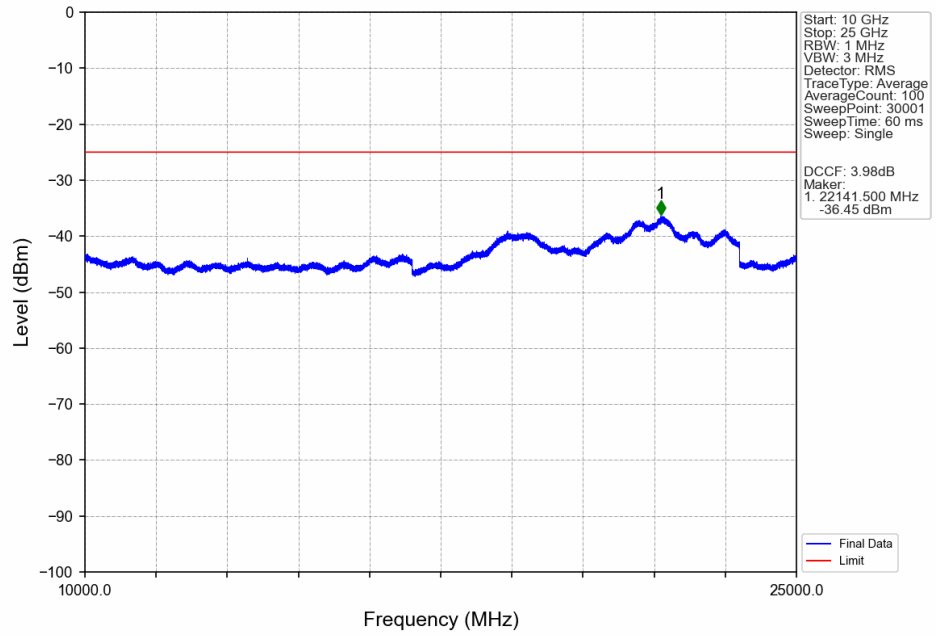
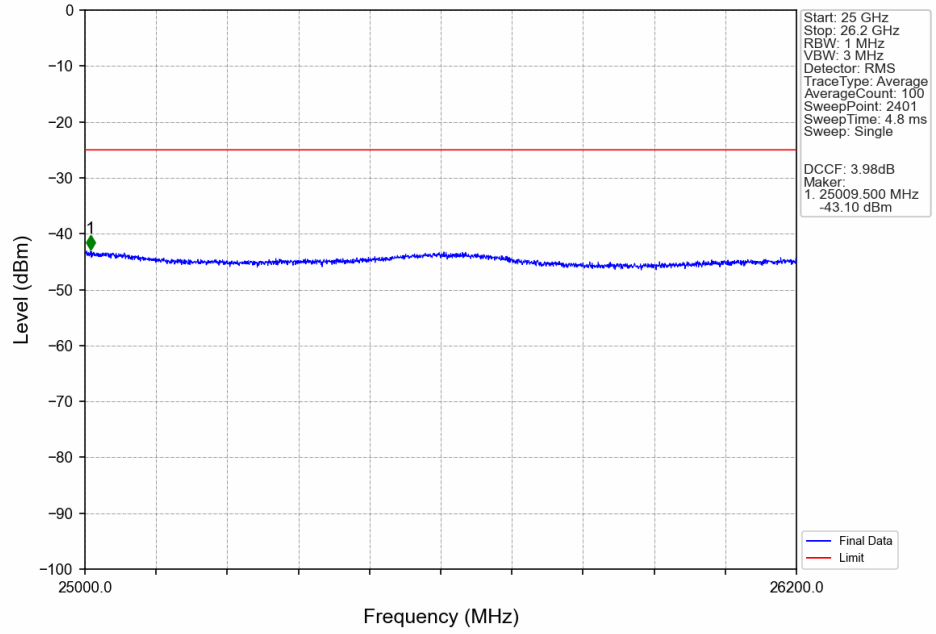


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2580.1	2620	0.1	/	/	/	/	/	/
2620	2621	0.881	CHP	1	2620.550	-25.68	-10	Pass
2621	2625	1	CHP	2	2621.500	-32.56	-10	Pass
2625	2664.069	1	CHP	3	2640.600	-36.98	-13	Pass
2664.069	2665	1	CHP	4	2664.400	-52.58	-25	Pass

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