1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP

Band: 38 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	23.88	-1.50	22.38	<=33.01	Pass
			13	23.92	-1.50	22.42	<=33.01	Pass
			24	23.89	-1.50	22.39	<=33.01	Pass
		12	0	22.90	-1.50	21.40	<=33.01	Pass
			6	22.96	-1.50	21.46	<=33.01	Pass
			13	22.90	-1.50	21.40	<=33.01	Pass
		25	0	22.76	-1.50	21.26	<=33.01	Pass
	2595	1	0	23.83	-1.50	22.33	<=33.01	Pass
			13	23.97	-1.50	22.47	<=33.01	Pass
			24	23.88	-1.50	22.38	<=33.01	Pass
		12	0	22.94	-1.50	21.44	<=33.01	Pass
			6	22.95	-1.50	21.45	<=33.01	Pass
			13	22.94	-1.50	21.44	<=33.01	Pass
		25	0	22.94	-1.50	21.44	<=33.01	Pass
	2617.5	1	0	23.83	-1.50	22.33	<=33.01	Pass
			13	23.88	-1.50	22.38	<=33.01	Pass
			24	23.74	-1.50	22.24	<=33.01	Pass
		12	0	22.90	-1.50	21.40	<=33.01	Pass
			6	22.89	-1.50	21.39	<=33.01	Pass
			13	22.80	-1.50	21.30	<=33.01	Pass
		25	0	22.86	-1.50	21.36	<=33.01	Pass
16QAM	2572.5	1	0	22.67	-1.50	21.17	<=33.01	Pass
			13	22.88	-1.50	21.38	<=33.01	Pass
			24	22.79	-1.50	21.29	<=33.01	Pass
		12	0	21.81	-1.50	20.31	<=33.01	Pass
			6	21.74	-1.50	20.24	<=33.01	Pass
			13	21.74	-1.50	20.24	<=33.01	Pass
		25	0	21.82	-1.50	20.32	<=33.01	Pass
	2595	1	0	23.09	-1.50	21.59	<=33.01	Pass
			13	23.25	-1.50	21.75	<=33.01	Pass
			24	23.07	-1.50	21.57	<=33.01	Pass
		12	0	21.93	-1.50	20.43	<=33.01	Pass
			6	21.93	-1.50	20.43	<=33.01	Pass
			13	21.97	-1.50	20.47	<=33.01	Pass
		25	0	21.95	-1.50	20.45	<=33.01	Pass
	2617.5	1	0	22.78	-1.50	21.28	<=33.01	Pass
			13	22.88	-1.50	21.38	<=33.01	Pass
			24	22.87	-1.50	21.37	<=33.01	Pass
		12	0	21.88	-1.50	20.38	<=33.01	Pass
			6	21.90	-1.50	20.40	<=33.01	Pass
			13	21.71	-1.50	20.21	<=33.01	Pass
		25	0	21.88	-1.50	20.38	<=33.01	Pass
64QAM	2572.5	1	0	21.83	-1.50	20.33	<=33.01	Pass
			13	21.81	-1.50	20.31	<=33.01	Pass
			24	21.76	-1.50	20.26	<=33.01	Pass
		12	0	20.83	-1.50	19.33	<=33.01	Pass
			6	20.89	-1.50	19.39	<=33.01	Pass
			13	20.78	-1.50	19.28	<=33.01	Pass
		25	0	20.83	-1.50	19.33	<=33.01	Pass

	2595	1	0	21.93	-1.50	20.43	<=33.01	Pass
			13	21.87	-1.50	20.37	<=33.01	Pass
			24	21.78	-1.50	20.28	<=33.01	Pass
		12	0	20.93	-1.50	19.43	<=33.01	Pass
			6	20.96	-1.50	19.46	<=33.01	Pass
			13	20.79	-1.50	19.29	<=33.01	Pass
		25	0	20.87	-1.50	19.37	<=33.01	Pass
	2617.5	1	0	21.69	-1.50	20.19	<=33.01	Pass
			13	21.50	-1.50	20.00	<=33.01	Pass
			24	21.66	-1.50	20.16	<=33.01	Pass
		12	0	20.72	-1.50	19.22	<=33.01	Pass
			6	20.62	-1.50	19.12	<=33.01	Pass
			13	20.61	-1.50	19.11	<=33.01	Pass
		25	0	20.67	-1.50	19.17	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B38_10MHz_EIRP

Band: 38 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	23.77	-1.50	22.27	<=33.01	Pass
			25	23.88	-1.50	22.38	<=33.01	Pass
			49	23.83	-1.50	22.33	<=33.01	Pass
		25	0	22.80	-1.50	21.30	<=33.01	Pass
			13	22.90	-1.50	21.40	<=33.01	Pass
			25	22.91	-1.50	21.41	<=33.01	Pass
		50	0	22.93	-1.50	21.43	<=33.01	Pass
	2595	1	0	23.95	-1.50	22.45	<=33.01	Pass
			25	23.94	-1.50	22.44	<=33.01	Pass
			49	23.88	-1.50	22.38	<=33.01	Pass
		25	0	22.97	-1.50	21.47	<=33.01	Pass
			13	22.99	-1.50	21.49	<=33.01	Pass
			25	22.94	-1.50	21.44	<=33.01	Pass
		50	0	22.98	-1.50	21.48	<=33.01	Pass
	2615	1	0	23.88	-1.50	22.38	<=33.01	Pass
			25	23.85	-1.50	22.35	<=33.01	Pass
			49	23.74	-1.50	22.24	<=33.01	Pass
		25	0	22.91	-1.50	21.41	<=33.01	Pass
			13	22.93	-1.50	21.43	<=33.01	Pass
			25	22.86	-1.50	21.36	<=33.01	Pass
		50	0	22.91	-1.50	21.41	<=33.01	Pass
16QAM	2575	1	0	22.80	-1.50	21.30	<=33.01	Pass
			25	22.89	-1.50	21.39	<=33.01	Pass
			49	22.85	-1.50	21.35	<=33.01	Pass
		25	0	21.78	-1.50	20.28	<=33.01	Pass
			13	21.89	-1.50	20.39	<=33.01	Pass
			25	21.90	-1.50	20.40	<=33.01	Pass
		50	0	21.89	-1.50	20.39	<=33.01	Pass
	2595	1	0	23.01	-1.50	21.51	<=33.01	Pass
			25	23.15	-1.50	21.65	<=33.01	Pass
			49	23.09	-1.50	21.59	<=33.01	Pass
		25	0	21.98	-1.50	20.48	<=33.01	Pass
			13	21.98	-1.50	20.48	<=33.01	Pass
			25	21.95	-1.50	20.45	<=33.01	Pass
		50	0	21.97	-1.50	20.47	<=33.01	Pass
	2615	1	0	22.88	-1.50	21.38	<=33.01	Pass

			25	22.90	-1.50	21.40	<=33.01	Pass
			49	22.79	-1.50	21.29	<=33.01	Pass
		25	0	21.88	-1.50	20.38	<=33.01	Pass
			13	21.91	-1.50	20.41	<=33.01	Pass
			25	21.88	-1.50	20.38	<=33.01	Pass
		50	0	21.90	-1.50	20.40	<=33.01	Pass
64QAM	2575	1	0	21.70	-1.50	20.20	<=33.01	Pass
			25	21.94	-1.50	20.44	<=33.01	Pass
			49	21.79	-1.50	20.29	<=33.01	Pass
		25	0	20.81	-1.50	19.31	<=33.01	Pass
			13	20.93	-1.50	19.43	<=33.01	Pass
			25	20.90	-1.50	19.40	<=33.01	Pass
		50	0	20.88	-1.50	19.38	<=33.01	Pass
	2595	1	0	21.97	-1.50	20.47	<=33.01	Pass
			25	21.98	-1.50	20.48	<=33.01	Pass
			49	21.89	-1.50	20.39	<=33.01	Pass
		25	0	20.97	-1.50	19.47	<=33.01	Pass
			13	20.92	-1.50	19.42	<=33.01	Pass
			25	20.68	-1.50	19.18	<=33.01	Pass
		50	0	20.93	-1.50	19.43	<=33.01	Pass
	2615	1	0	21.64	-1.50	20.14	<=33.01	Pass
			25	21.72	-1.50	20.22	<=33.01	Pass
			49	21.66	-1.50	20.16	<=33.01	Pass
		25	0	20.74	-1.50	19.24	<=33.01	Pass
			13	20.78	-1.50	19.28	<=33.01	Pass
			25	20.54	-1.50	19.04	<=33.01	Pass
		50	0	20.77	-1.50	19.27	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	23.67	-1.50	22.17	<=33.01	Pass
			38	23.74	-1.50	22.24	<=33.01	Pass
			74	23.64	-1.50	22.14	<=33.01	Pass
		36	0	22.75	-1.50	21.25	<=33.01	Pass
			18	22.82	-1.50	21.32	<=33.01	Pass
			39	22.82	-1.50	21.32	<=33.01	Pass
		75	0	22.79	-1.50	21.29	<=33.01	Pass
	2595	1	0	23.73	-1.50	22.23	<=33.01	Pass
			38	23.77	-1.50	22.27	<=33.01	Pass
			74	23.69	-1.50	22.19	<=33.01	Pass
		36	0	22.85	-1.50	21.35	<=33.01	Pass
			18	22.85	-1.50	21.35	<=33.01	Pass
			39	22.86	-1.50	21.36	<=33.01	Pass
		75	0	22.87	-1.50	21.37	<=33.01	Pass
	2612.5	1	0	23.63	-1.50	22.13	<=33.01	Pass
			38	23.59	-1.50	22.09	<=33.01	Pass
			74	23.55	-1.50	22.05	<=33.01	Pass
		36	0	22.83	-1.50	21.33	<=33.01	Pass
			18	22.78	-1.50	21.28	<=33.01	Pass
			39	22.77	-1.50	21.27	<=33.01	Pass
		75	0	22.78	-1.50	21.28	<=33.01	Pass
16QAM	2577.5	1	0	22.67	-1.50	21.17	<=33.01	Pass
			38	22.58	-1.50	21.08	<=33.01	Pass

			74	22.56	-1.50	21.06	<=33.01	Pass
		36	0	21.76	-1.50	20.26	<=33.01	Pass
			18	21.78	-1.50	20.28	<=33.01	Pass
			39	21.82	-1.50	20.32	<=33.01	Pass
		75	0	21.79	-1.50	20.29	<=33.01	Pass
	2595	1	0	22.71	-1.50	21.21	<=33.01	Pass
			38	22.85	-1.50	21.35	<=33.01	Pass
			74	22.80	-1.50	21.30	<=33.01	Pass
		36	0	21.88	-1.50	20.38	<=33.01	Pass
			18	21.82	-1.50	20.32	<=33.01	Pass
			39	21.80	-1.50	20.30	<=33.01	Pass
		75	0	21.84	-1.50	20.34	<=33.01	Pass
	2612.5	1	0	22.74	-1.50	21.24	<=33.01	Pass
			38	22.80	-1.50	21.30	<=33.01	Pass
			74	22.64	-1.50	21.14	<=33.01	Pass
		36	0	21.83	-1.50	20.33	<=33.01	Pass
			18	21.78	-1.50	20.28	<=33.01	Pass
			39	21.79	-1.50	20.29	<=33.01	Pass
		75	0	21.81	-1.50	20.31	<=33.01	Pass
64QAM	2577.5	1	0	21.74	-1.50	20.24	<=33.01	Pass
			38	21.61	-1.50	20.11	<=33.01	Pass
			74	21.45	-1.50	19.95	<=33.01	Pass
		36	0	20.64	-1.50	19.14	<=33.01	Pass
			18	20.82	-1.50	19.32	<=33.01	Pass
			39	20.78	-1.50	19.28	<=33.01	Pass
		75	0	20.81	-1.50	19.31	<=33.01	Pass
	2595	1	0	21.71	-1.50	20.21	<=33.01	Pass
			38	21.73	-1.50	20.23	<=33.01	Pass
			74	21.47	-1.50	19.97	<=33.01	Pass
		36	0	20.78	-1.50	19.28	<=33.01	Pass
			18	20.73	-1.50	19.23	<=33.01	Pass
			39	20.81	-1.50	19.31	<=33.01	Pass
		75	0	20.81	-1.50	19.31	<=33.01	Pass
	2612.5	1	0	21.42	-1.50	19.92	<=33.01	Pass
			38	21.46	-1.50	19.96	<=33.01	Pass
			74	21.42	-1.50	19.92	<=33.01	Pass
		36	0	20.70	-1.50	19.20	<=33.01	Pass
			18	20.61	-1.50	19.11	<=33.01	Pass
			39	20.62	-1.50	19.12	<=33.01	Pass
		75	0	20.71	-1.50	19.21	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	23.68	-1.50	22.18	<=33.01	Pass
			50	23.82	-1.50	22.32	<=33.01	Pass
			99	23.66	-1.50	22.16	<=33.01	Pass
		50	0	22.72	-1.50	21.22	<=33.01	Pass
			25	22.83	-1.50	21.33	<=33.01	Pass
			50	22.84	-1.50	21.34	<=33.01	Pass
		100	0	22.87	-1.50	21.37	<=33.01	Pass
	2595	1	0	23.73	-1.50	22.23	<=33.01	Pass
			50	23.74	-1.50	22.24	<=33.01	Pass
			99	23.64	-1.50	22.14	<=33.01	Pass

		50	0	22.88	-1.50	21.38	<=33.01	Pass
			25	22.87	-1.50	21.37	<=33.01	Pass
			50	22.85	-1.50	21.35	<=33.01	Pass
		100	0	22.84	-1.50	21.34	<=33.01	Pass
	2610	1	0	23.68	-1.50	22.18	<=33.01	Pass
			50	23.62	-1.50	22.12	<=33.01	Pass
			99	23.54	-1.50	22.04	<=33.01	Pass
		50	0	22.85	-1.50	21.35	<=33.01	Pass
			25	22.81	-1.50	21.31	<=33.01	Pass
			50	22.74	-1.50	21.24	<=33.01	Pass
		100	0	22.83	-1.50	21.33	<=33.01	Pass
16QAM	2580	1	0	22.74	-1.50	21.24	<=33.01	Pass
			50	22.67	-1.50	21.17	<=33.01	Pass
			99	22.55	-1.50	21.05	<=33.01	Pass
		50	0	21.74	-1.50	20.24	<=33.01	Pass
			25	21.82	-1.50	20.32	<=33.01	Pass
			50	21.84	-1.50	20.34	<=33.01	Pass
		100	0	21.82	-1.50	20.32	<=33.01	Pass
	2595	1	0	22.79	-1.50	21.29	<=33.01	Pass
			50	22.90	-1.50	21.40	<=33.01	Pass
			99	22.86	-1.50	21.36	<=33.01	Pass
		50	0	21.84	-1.50	20.34	<=33.01	Pass
			25	21.87	-1.50	20.37	<=33.01	Pass
			50	21.85	-1.50	20.35	<=33.01	Pass
		100	0	21.83	-1.50	20.33	<=33.01	Pass
	2610	1	0	23.02	-1.50	21.52	<=33.01	Pass
			50	22.78	-1.50	21.28	<=33.01	Pass
			99	22.63	-1.50	21.13	<=33.01	Pass
		50	0	21.85	-1.50	20.35	<=33.01	Pass
			25	21.84	-1.50	20.34	<=33.01	Pass
			50	21.72	-1.50	20.22	<=33.01	Pass
		100	0	21.83	-1.50	20.33	<=33.01	Pass
64QAM	2580	1	0	21.66	-1.50	20.16	<=33.01	Pass
			50	21.62	-1.50	20.12	<=33.01	Pass
			99	21.71	-1.50	20.21	<=33.01	Pass
		50	0	20.76	-1.50	19.26	<=33.01	Pass
			25	20.87	-1.50	19.37	<=33.01	Pass
			50	20.83	-1.50	19.33	<=33.01	Pass
		100	0	20.81	-1.50	19.31	<=33.01	Pass
	2595	1	0	21.72	-1.50	20.22	<=33.01	Pass
			50	21.70	-1.50	20.20	<=33.01	Pass
			99	21.44	-1.50	19.94	<=33.01	Pass
		50	0	20.82	-1.50	19.32	<=33.01	Pass
			25	20.82	-1.50	19.32	<=33.01	Pass
			50	20.69	-1.50	19.19	<=33.01	Pass
		100	0	20.81	-1.50	19.31	<=33.01	Pass
	2610	1	0	21.67	-1.50	20.17	<=33.01	Pass
			50	21.55	-1.50	20.05	<=33.01	Pass
			99	21.53	-1.50	20.03	<=33.01	Pass
		50	0	20.78	-1.50	19.28	<=33.01	Pass
			25	20.73	-1.50	19.23	<=33.01	Pass
			50	20.60	-1.50	19.10	<=33.01	Pass
		100	0	20.72	-1.50	19.22	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2572.5	25	0	20	3.4	0.500	0.0002	-2.5 to 2.5	Pass
					3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
					4.53	-2.800	-0.0011	-2.5 to 2.5	Pass
				-30	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				-20	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				-10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				0	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				40	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
				50	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
	2595	25	0	20	3.4	0.000	0.0000	-2.5 to 2.5	Pass
					3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
					4.53	2.300	0.0009	-2.5 to 2.5	Pass
				-30	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				-20	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				-10	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				0	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				10	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				30	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				40	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				50	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.4	-0.600	-0.0002	-2.5 to 2.5	Pass
					3.92	2.600	0.0010	-2.5 to 2.5	Pass
					4.53	0.300	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-3.500	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-6.100	-0.0023	-2.5 to 2.5	Pass
				-10	3.92	-2.200	-0.0008	-2.5 to 2.5	Pass
				0	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				10	3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
				30	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				40	3.92	-3.800	-0.0015	-2.5 to 2.5	Pass
				50	3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.4	-0.700	-0.0003	-2.5 to 2.5	Pass
					3.92	0.200	0.0001	-2.5 to 2.5	Pass
					4.53	-1.500	-0.0006	-2.5 to 2.5	Pass
				-30	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				-20	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				-10	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				0	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				10	3.92	0.200	0.0001	-2.5 to 2.5	Pass
				30	3.92	3.100	0.0012	-2.5 to 2.5	Pass
				40	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				50	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
	2595	25	0	20	3.4	0.000	0.0000	-2.5 to 2.5	Pass
					3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
					4.53	-1.500	-0.0006	-2.5 to 2.5	Pass
				-30	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				-20	3.92	0.700	0.0003	-2.5 to 2.5	Pass

				-10	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				0	3.92	-4.200	-0.0016	-2.5 to 2.5	Pass
				10	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				30	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				40	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
				50	3.92	0.300	0.0001	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.4	-0.500	-0.0002	-2.5 to 2.5	Pass
					3.92	-4.000	-0.0015	-2.5 to 2.5	Pass
					4.53	-1.700	-0.0006	-2.5 to 2.5	Pass
				-30	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				-20	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				-10	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				0	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				10	3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
				30	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				40	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				50	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
64QAM	2572.5	25	0	20	3.4	-1.800	-0.0007	-2.5 to 2.5	Pass
					3.92	3.500	0.0014	-2.5 to 2.5	Pass
					4.53	-0.500	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				-20	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				-10	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				0	3.92	3.700	0.0014	-2.5 to 2.5	Pass
				10	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				30	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				40	3.92	0.900	0.0003	-2.5 to 2.5	Pass
				50	3.92	0.900	0.0003	-2.5 to 2.5	Pass
	2595	25	0	20	3.4	0.600	0.0002	-2.5 to 2.5	Pass
					3.92	0.000	0.0000	-2.5 to 2.5	Pass
					4.53	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	2.300	0.0009	-2.5 to 2.5	Pass
				-10	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				0	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				10	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				30	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				40	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				50	3.92	2.100	0.0008	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.4	-0.100	0.0000	-2.5 to 2.5	Pass
					3.92	2.000	0.0008	-2.5 to 2.5	Pass
					4.53	0.100	0.0000	-2.5 to 2.5	Pass
				-30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	2.700	0.0010	-2.5 to 2.5	Pass
				0	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				10	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				30	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				40	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				50	3.92	-3.600	-0.0014	-2.5 to 2.5	Pass

2.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2575	50	0	20	3.4	0.600	0.0002	-2.5 to 2.5	Pass

					3.92	0.200	0.0001	-2.5 to 2.5	Pass
					4.53	2.200	0.0009	-2.5 to 2.5	Pass
				-30	3.92	2.400	0.0009	-2.5 to 2.5	Pass
				-20	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				-10	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				0	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				30	3.92	5.200	0.0020	-2.5 to 2.5	Pass
				40	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				50	3.92	0.700	0.0003	-2.5 to 2.5	Pass
	2595	50	0	20	3.4	2.400	0.0009	-2.5 to 2.5	Pass
					3.92	1.800	0.0007	-2.5 to 2.5	Pass
					4.53	-0.200	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	3.300	0.0013	-2.5 to 2.5	Pass
				-10	3.92	5.100	0.0020	-2.5 to 2.5	Pass
				0	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				10	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				30	3.92	2.700	0.0010	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				50	3.92	0.000	0.0000	-2.5 to 2.5	Pass
	2615	50	0	20	3.4	2.000	0.0008	-2.5 to 2.5	Pass
					3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
					4.53	2.900	0.0011	-2.5 to 2.5	Pass
				-30	3.92	2.700	0.0010	-2.5 to 2.5	Pass
				-20	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				-10	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				0	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				10	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				30	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				40	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				50	3.92	1.100	0.0004	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	3.4	0.000	0.0000	-2.5 to 2.5	Pass
					3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
					4.53	2.400	0.0009	-2.5 to 2.5	Pass
				-30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-6.900	-0.0027	-2.5 to 2.5	Pass
				-10	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				0	3.92	-6.000	-0.0023	-2.5 to 2.5	Pass
				10	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				30	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				40	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				50	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
	2595	50	0	20	3.4	0.300	0.0001	-2.5 to 2.5	Pass
					3.92	4.600	0.0018	-2.5 to 2.5	Pass
					4.53	-3.100	-0.0012	-2.5 to 2.5	Pass
				-30	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				-20	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				-10	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				0	3.92	4.400	0.0017	-2.5 to 2.5	Pass
				10	3.92	4.000	0.0015	-2.5 to 2.5	Pass
				30	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				50	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
	2615	50	0	20	3.4	-1.500	-0.0006	-2.5 to 2.5	Pass
					3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
					4.53	-1.100	-0.0004	-2.5 to 2.5	Pass
				-30	3.92	-4.000	-0.0015	-2.5 to 2.5	Pass
				-20	3.92	1.300	0.0005	-2.5 to 2.5	Pass

				-10	3.92	4.000	0.0015	-2.5 to 2.5	Pass
				0	3.92	-3.800	-0.0015	-2.5 to 2.5	Pass
				10	3.92	0.700	0.0003	-2.5 to 2.5	Pass
				30	3.92	3.300	0.0013	-2.5 to 2.5	Pass
				40	3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
				50	3.92	0.600	0.0002	-2.5 to 2.5	Pass
64QAM	2575	50	0	20	3.4	-5.700	-0.0022	-2.5 to 2.5	Pass
					3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
					4.53	-1.300	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				0	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				10	3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
				30	3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
				40	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				50	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
	2595	50	0	20	3.4	-4.600	-0.0018	-2.5 to 2.5	Pass
					3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
					4.53	2.500	0.0010	-2.5 to 2.5	Pass
				-30	3.92	-4.500	-0.0017	-2.5 to 2.5	Pass
				-20	3.92	-5.500	-0.0021	-2.5 to 2.5	Pass
				-10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				10	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				30	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				40	3.92	-6.200	-0.0024	-2.5 to 2.5	Pass
				50	3.92	0.400	0.0002	-2.5 to 2.5	Pass
	2615	50	0	20	3.4	-4.700	-0.0018	-2.5 to 2.5	Pass
					3.92	2.200	0.0008	-2.5 to 2.5	Pass
					4.53	-3.600	-0.0014	-2.5 to 2.5	Pass
				-30	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				-20	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				0	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				10	3.92	-5.900	-0.0023	-2.5 to 2.5	Pass
				30	3.92	-3.900	-0.0015	-2.5 to 2.5	Pass
				40	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				50	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass

2.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2577.5	75	0	20	3.4	-0.300	-0.0001	-2.5 to 2.5	Pass
					3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
					4.53	-2.900	-0.0011	-2.5 to 2.5	Pass
				-30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	-4.400	-0.0017	-2.5 to 2.5	Pass
				-10	3.92	2.200	0.0009	-2.5 to 2.5	Pass
				0	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				10	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				30	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				40	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				50	3.92	3.800	0.0015	-2.5 to 2.5	Pass
	2595	75	0	20	3.4	-2.200	-0.0008	-2.5 to 2.5	Pass

					3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
					4.53	0.400	0.0002	-2.5 to 2.5	Pass
				-30	3.92	-4.100	-0.0016	-2.5 to 2.5	Pass
				-20	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				-10	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				0	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				10	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				30	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				40	3.92	-3.500	-0.0013	-2.5 to 2.5	Pass
				50	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.4	-2.500	-0.0010	-2.5 to 2.5	Pass
					3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
					4.53	-0.200	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				-10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				10	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				30	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				40	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				50	3.92	1.700	0.0007	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	3.4	0.100	0.0000	-2.5 to 2.5	Pass
					3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
					4.53	3.100	0.0012	-2.5 to 2.5	Pass
				-30	3.92	3.100	0.0012	-2.5 to 2.5	Pass
				-20	3.92	-3.000	-0.0012	-2.5 to 2.5	Pass
				-10	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				0	3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
				10	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				30	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				40	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				50	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
	2595	75	0	20	3.4	-0.800	-0.0003	-2.5 to 2.5	Pass
					3.92	0.100	0.0000	-2.5 to 2.5	Pass
					4.53	-1.800	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
				-10	3.92	3.400	0.0013	-2.5 to 2.5	Pass
				0	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				10	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				30	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				40	3.92	-5.700	-0.0022	-2.5 to 2.5	Pass
				50	3.92	0.300	0.0001	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.4	0.100	0.0000	-2.5 to 2.5	Pass
					3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
					4.53	-4.200	-0.0016	-2.5 to 2.5	Pass
				-30	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				-20	3.92	-3.700	-0.0014	-2.5 to 2.5	Pass
				-10	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				0	3.92	-2.100	-0.0008	-2.5 to 2.5	Pass
				10	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				30	3.92	-2.900	-0.0011	-2.5 to 2.5	Pass
				40	3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
				50	3.92	2.700	0.0010	-2.5 to 2.5	Pass
64QAM	2577.5	75	0	20	3.4	-2.000	-0.0008	-2.5 to 2.5	Pass
					3.92	-3.500	-0.0014	-2.5 to 2.5	Pass
					4.53	-1.000	-0.0004	-2.5 to 2.5	Pass
				-30	3.92	-5.700	-0.0022	-2.5 to 2.5	Pass
				-20	3.92	-4.200	-0.0016	-2.5 to 2.5	Pass

				-10	3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
				0	3.92	-5.500	-0.0021	-2.5 to 2.5	Pass
				10	3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
				30	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				40	3.92	-5.300	-0.0021	-2.5 to 2.5	Pass
				50	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
	2595	75	0	20	3.4	1.700	0.0007	-2.5 to 2.5	Pass
					3.92	0.000	0.0000	-2.5 to 2.5	Pass
					4.53	-1.600	-0.0006	-2.5 to 2.5	Pass
				-30	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	5.100	0.0020	-2.5 to 2.5	Pass
				-10	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				0	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				10	3.92	0.900	0.0003	-2.5 to 2.5	Pass
				30	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				40	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				50	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.4	-3.300	-0.0013	-2.5 to 2.5	Pass
					3.92	4.000	0.0015	-2.5 to 2.5	Pass
					4.53	-1.900	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				-20	3.92	-4.500	-0.0017	-2.5 to 2.5	Pass
				-10	3.92	-4.500	-0.0017	-2.5 to 2.5	Pass
				0	3.92	-4.000	-0.0015	-2.5 to 2.5	Pass
				10	3.92	-4.300	-0.0016	-2.5 to 2.5	Pass
				30	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				40	3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
				50	3.92	-3.900	-0.0015	-2.5 to 2.5	Pass

2.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	3.4	0.800	0.0003	-2.5 to 2.5	Pass
					3.92	1.400	0.0005	-2.5 to 2.5	Pass
					4.53	3.300	0.0013	-2.5 to 2.5	Pass
				-30	3.92	3.100	0.0012	-2.5 to 2.5	Pass
				-20	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				-10	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				0	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				10	3.92	4.400	0.0017	-2.5 to 2.5	Pass
				30	3.92	-2.200	-0.0009	-2.5 to 2.5	Pass
				40	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				50	3.92	3.400	0.0013	-2.5 to 2.5	Pass
	2595	100	0	20	3.4	0.900	0.0003	-2.5 to 2.5	Pass
					3.92	-5.000	-0.0019	-2.5 to 2.5	Pass
					4.53	1.100	0.0004	-2.5 to 2.5	Pass
				-30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				-10	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				0	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				10	3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
				30	3.92	3.200	0.0012	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				50	3.92	2.300	0.0009	-2.5 to 2.5	Pass
	2610	100	0	20	3.4	-1.700	-0.0007	-2.5 to 2.5	Pass

					3.92	-3.000	-0.0011	-2.5 to 2.5	Pass
					4.53	-0.500	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				-10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				10	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				30	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				50	3.92	1.400	0.0005	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	3.4	-1.400	-0.0005	-2.5 to 2.5	Pass
					3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
					4.53	1.300	0.0005	-2.5 to 2.5	Pass
				-30	3.92	-4.700	-0.0018	-2.5 to 2.5	Pass
				-20	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				-10	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				0	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				40	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				50	3.92	2.900	0.0011	-2.5 to 2.5	Pass
	2595	100	0	20	3.4	2.700	0.0010	-2.5 to 2.5	Pass
					3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
					4.53	0.100	0.0000	-2.5 to 2.5	Pass
				-30	3.92	-3.500	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				0	3.92	0.900	0.0003	-2.5 to 2.5	Pass
				10	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				30	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				40	3.92	-4.800	-0.0018	-2.5 to 2.5	Pass
				50	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
	2610	100	0	20	3.4	0.400	0.0002	-2.5 to 2.5	Pass
					3.92	0.000	0.0000	-2.5 to 2.5	Pass
					4.53	3.300	0.0013	-2.5 to 2.5	Pass
				-30	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				-20	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				-10	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				0	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				10	3.92	0.900	0.0003	-2.5 to 2.5	Pass
				30	3.92	-3.200	-0.0012	-2.5 to 2.5	Pass
				40	3.92	-4.800	-0.0018	-2.5 to 2.5	Pass
				50	3.92	1.700	0.0007	-2.5 to 2.5	Pass
64QAM	2580	100	0	20	3.4	0.200	0.0001	-2.5 to 2.5	Pass
					3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
					4.53	-1.800	-0.0007	-2.5 to 2.5	Pass
				-30	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				-20	3.92	0.900	0.0003	-2.5 to 2.5	Pass
				-10	3.92	-3.700	-0.0014	-2.5 to 2.5	Pass
				0	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				10	3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
				30	3.92	2.300	0.0009	-2.5 to 2.5	Pass
				40	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				50	3.92	2.000	0.0008	-2.5 to 2.5	Pass
	2595	100	0	20	3.4	-1.000	-0.0004	-2.5 to 2.5	Pass
					3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
					4.53	3.700	0.0014	-2.5 to 2.5	Pass
				-30	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-4.400	-0.0017	-2.5 to 2.5	Pass

				-10	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				0	3.92	-2.400	-0.0009	-2.5 to 2.5	Pass
				10	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				30	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				40	3.92	2.600	0.0010	-2.5 to 2.5	Pass
				50	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
	2610	100	0	20	3.4	-0.500	-0.0002	-2.5 to 2.5	Pass
					3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
					4.53	-1.300	-0.0005	-2.5 to 2.5	Pass
				-30	3.92	-4.700	-0.0018	-2.5 to 2.5	Pass
				-20	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
				0	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				10	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				30	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				40	3.92	-3.500	-0.0013	-2.5 to 2.5	Pass
				50	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.568	/	Pass
		2595	25	0	4.565	/	Pass
		2617.5	25	0	4.556	/	Pass
	16QAM	2572.5	25	0	4.574	/	Pass
		2595	25	0	4.567	/	Pass
		2617.5	25	0	4.556	/	Pass
	64QAM	2572.5	25	0	4.552	/	Pass
		2595	25	0	4.558	/	Pass
		2617.5	25	0	4.569	/	Pass
10	QPSK	2575	50	0	9.094	/	Pass
		2595	50	0	9.048	/	Pass
		2615	50	0	9.095	/	Pass
	16QAM	2575	50	0	9.105	/	Pass
		2595	50	0	9.074	/	Pass
		2615	50	0	9.081	/	Pass
	64QAM	2575	50	0	9.081	/	Pass
		2595	50	0	9.082	/	Pass
		2615	50	0	9.095	/	Pass
15	QPSK	2577.5	75	0	13.623	/	Pass
		2595	75	0	13.612	/	Pass
		2612.5	75	0	13.596	/	Pass
	16QAM	2577.5	75	0	13.624	/	Pass
		2595	75	0	13.617	/	Pass
		2612.5	75	0	13.613	/	Pass
	64QAM	2577.5	75	0	13.595	/	Pass
		2595	75	0	13.629	/	Pass
		2612.5	75	0	13.619	/	Pass
20	QPSK	2580	100	0	18.130	/	Pass
		2595	100	0	18.103	/	Pass
		2610	100	0	18.107	/	Pass
	16QAM	2580	100	0	18.169	/	Pass
		2595	100	0	18.056	/	Pass
		2610	100	0	18.129	/	Pass
	64QAM	2580	100	0	18.126	/	Pass
		2595	100	0	18.092	/	Pass
		2610	100	0	18.134	/	Pass

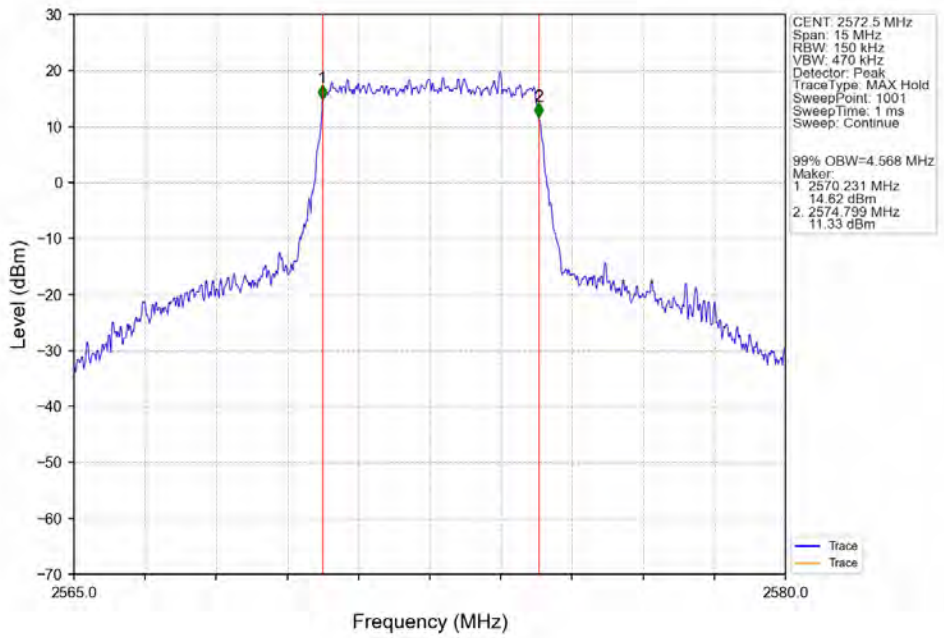
3.1.2 Band38_XDB

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.165	/	Pass
		2595	25	0	5.231	/	Pass
		2617.5	25	0	5.258	/	Pass
	16QAM	2572.5	25	0	5.323	/	Pass
		2595	25	0	5.256	/	Pass
		2617.5	25	0	5.183	/	Pass
	64QAM	2572.5	25	0	5.152	/	Pass
		2595	25	0	5.292	/	Pass
		2617.5	25	0	5.230	/	Pass
10	QPSK	2575	50	0	10.146	/	Pass
		2595	50	0	10.146	/	Pass
		2615	50	0	10.232	/	Pass
	16QAM	2575	50	0	10.118	/	Pass
		2595	50	0	10.246	/	Pass
		2615	50	0	10.288	/	Pass
	64QAM	2575	50	0	10.223	/	Pass
		2595	50	0	10.184	/	Pass
		2615	50	0	10.237	/	Pass
15	QPSK	2577.5	75	0	15.015	/	Pass
		2595	75	0	15.181	/	Pass
		2612.5	75	0	15.207	/	Pass
	16QAM	2577.5	75	0	15.180	/	Pass
		2595	75	0	15.170	/	Pass
		2612.5	75	0	15.140	/	Pass
	64QAM	2577.5	75	0	15.237	/	Pass
		2595	75	0	15.406	/	Pass
		2612.5	75	0	15.199	/	Pass
20	QPSK	2580	100	0	20.359	/	Pass
		2595	100	0	19.942	/	Pass
		2610	100	0	20.023	/	Pass
	16QAM	2580	100	0	19.857	/	Pass
		2595	100	0	20.150	/	Pass
		2610	100	0	20.013	/	Pass
	64QAM	2580	100	0	19.922	/	Pass
		2595	100	0	19.951	/	Pass
		2610	100	0	19.941	/	Pass

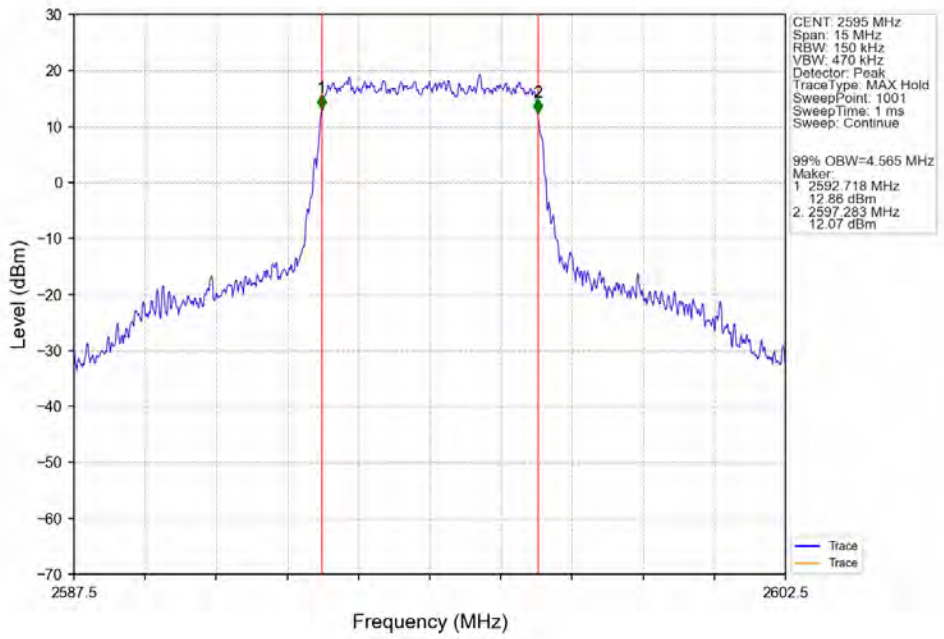
3.2 Test Graph

3.2.1 Band38_OBW

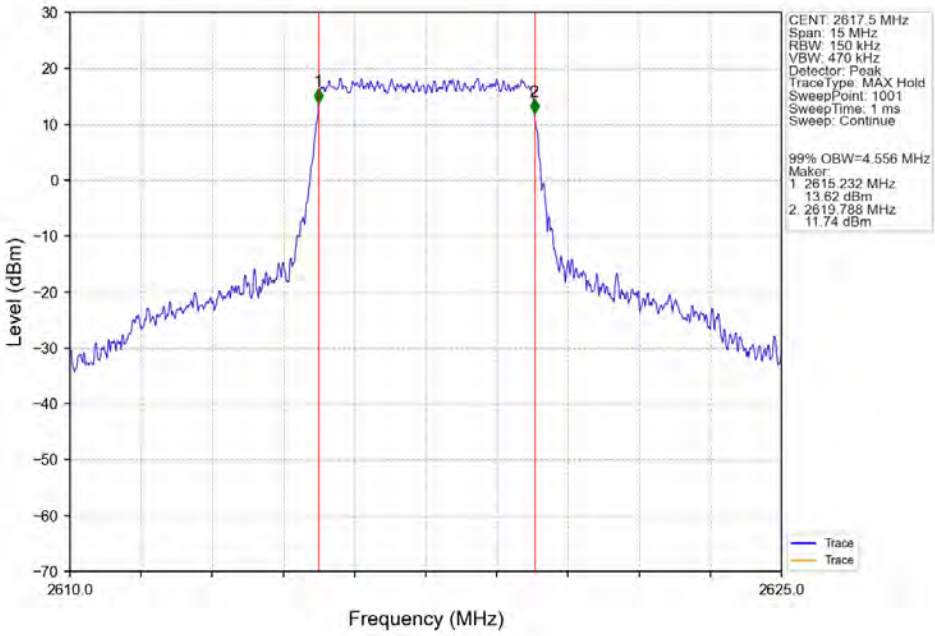
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



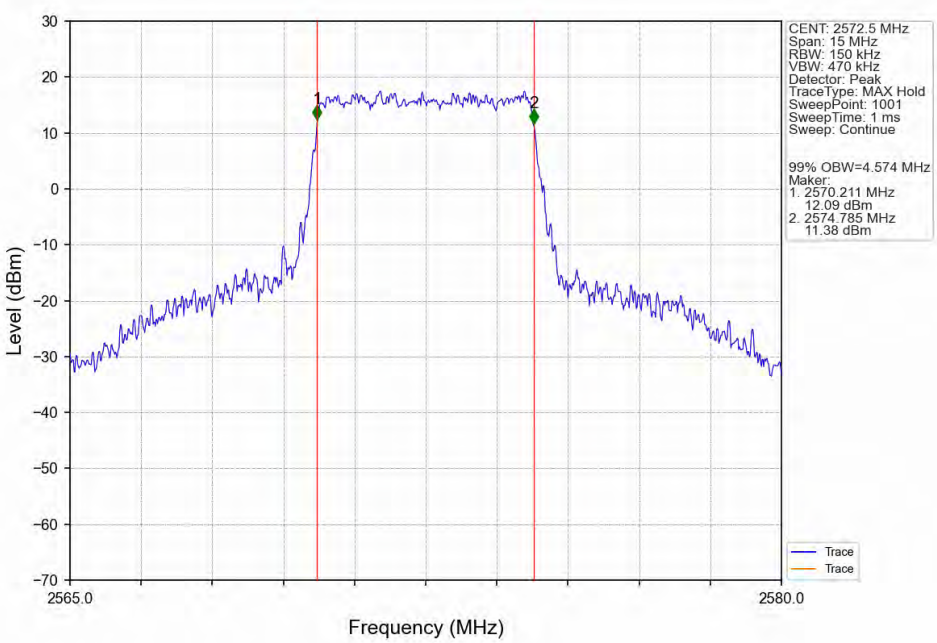
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



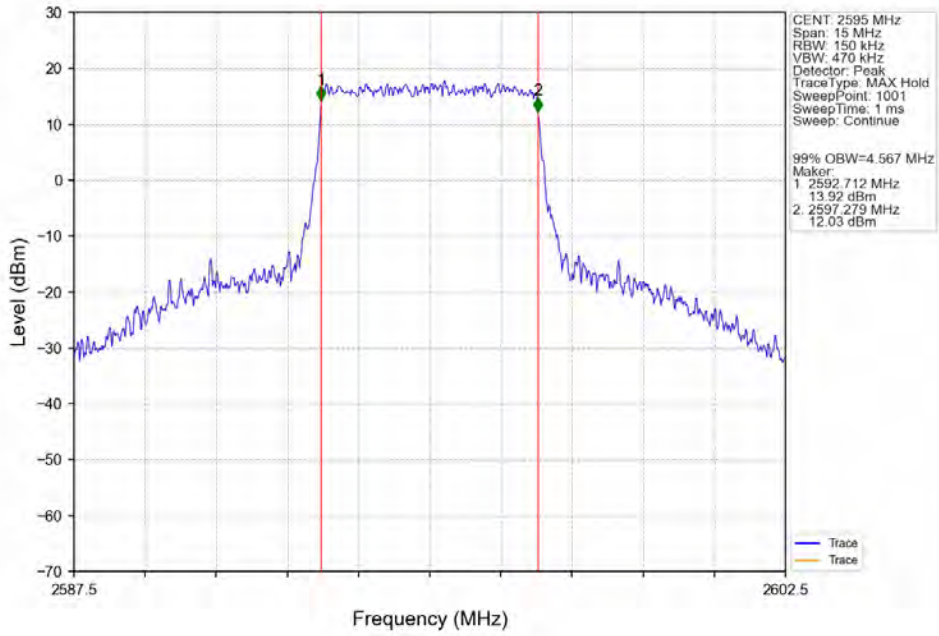
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



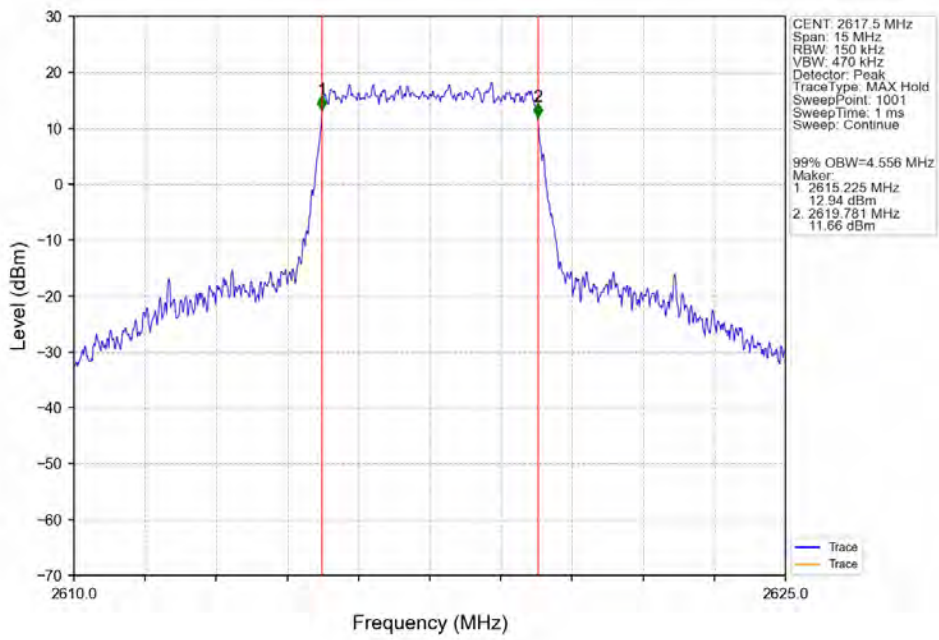
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



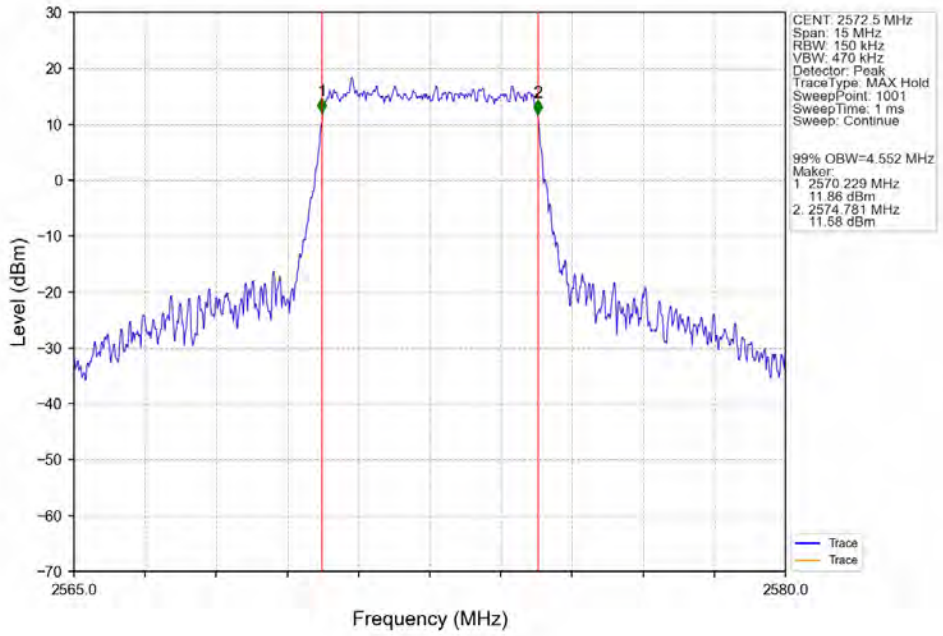
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



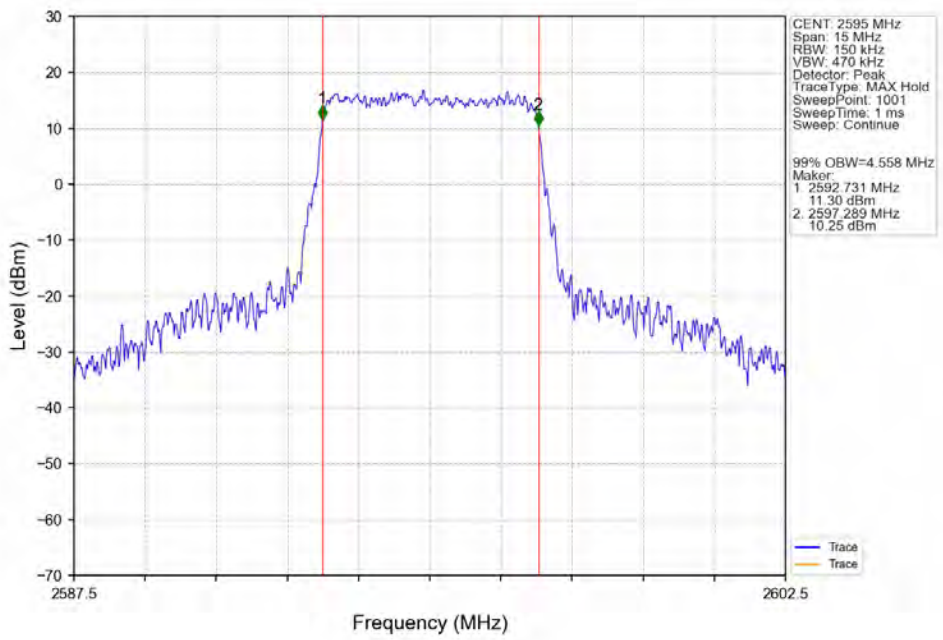
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



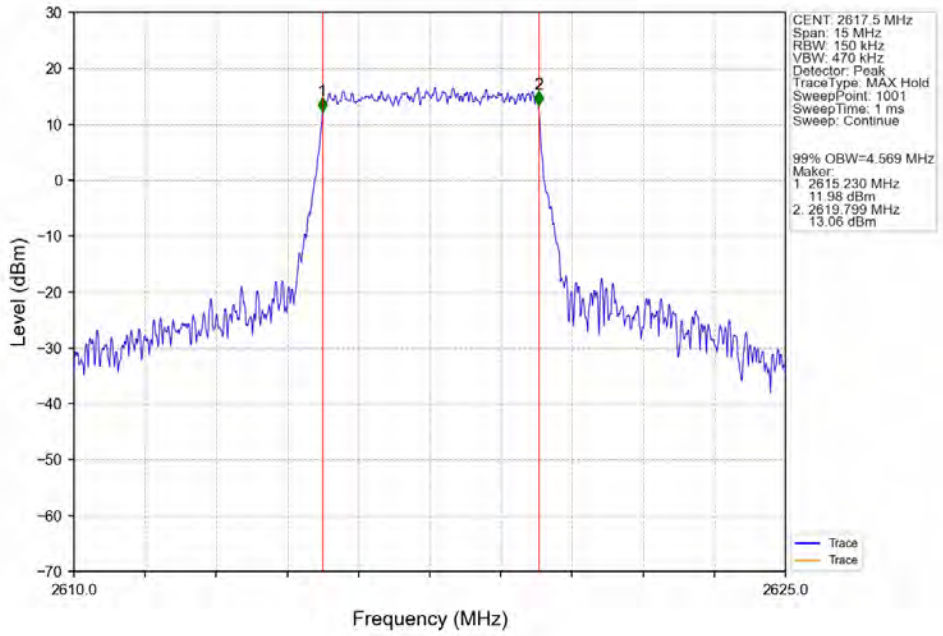
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



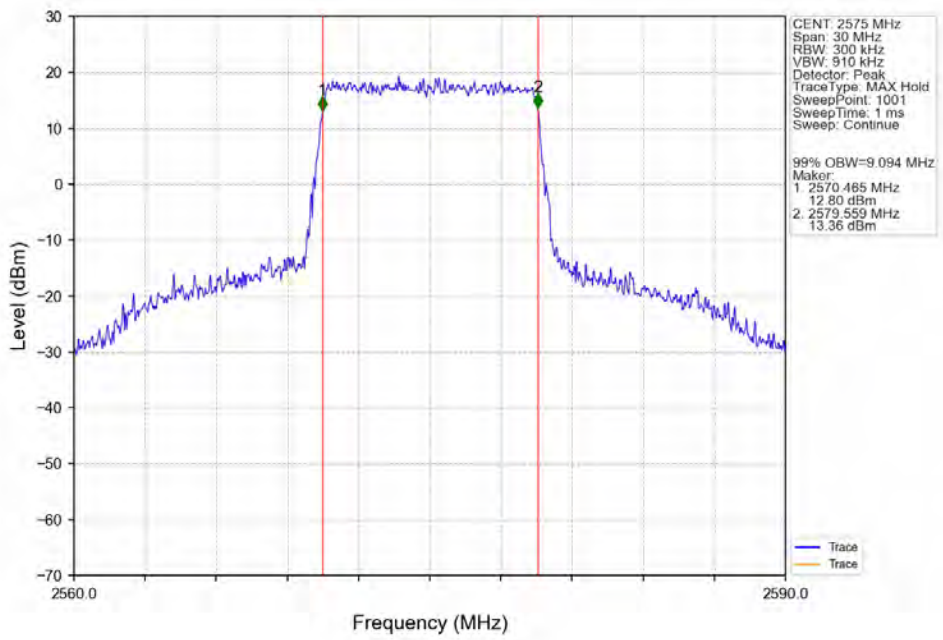
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



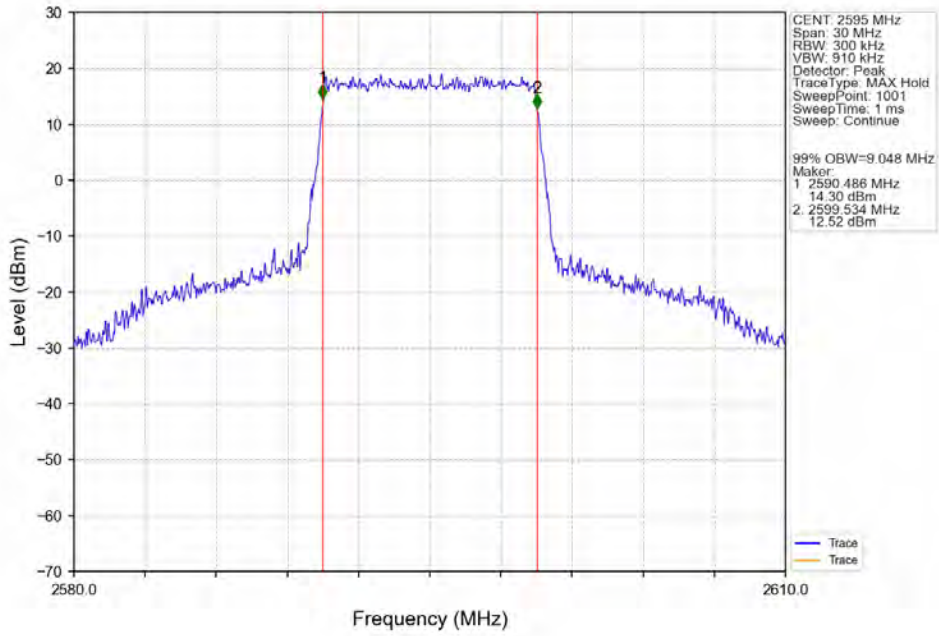
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



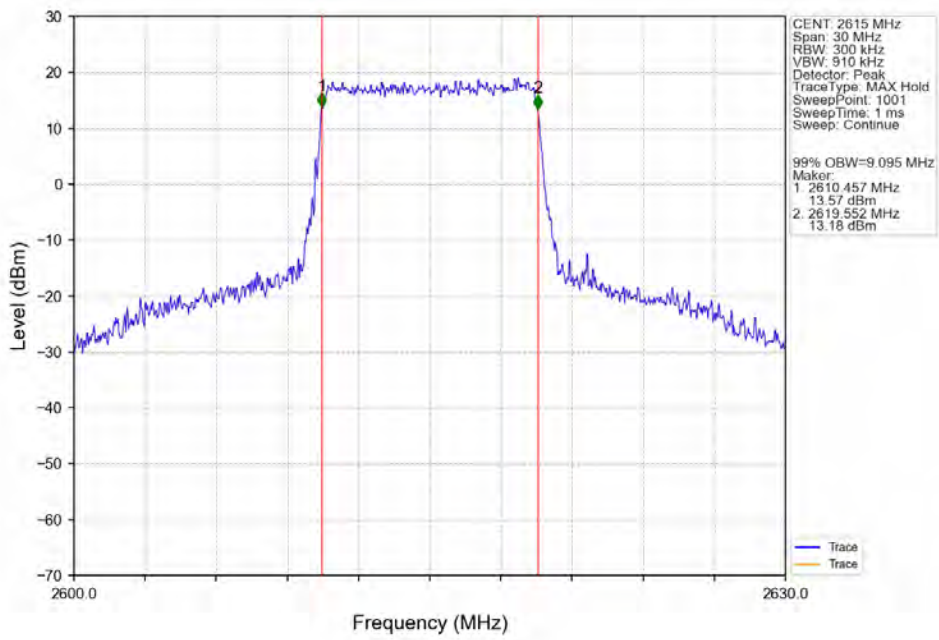
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



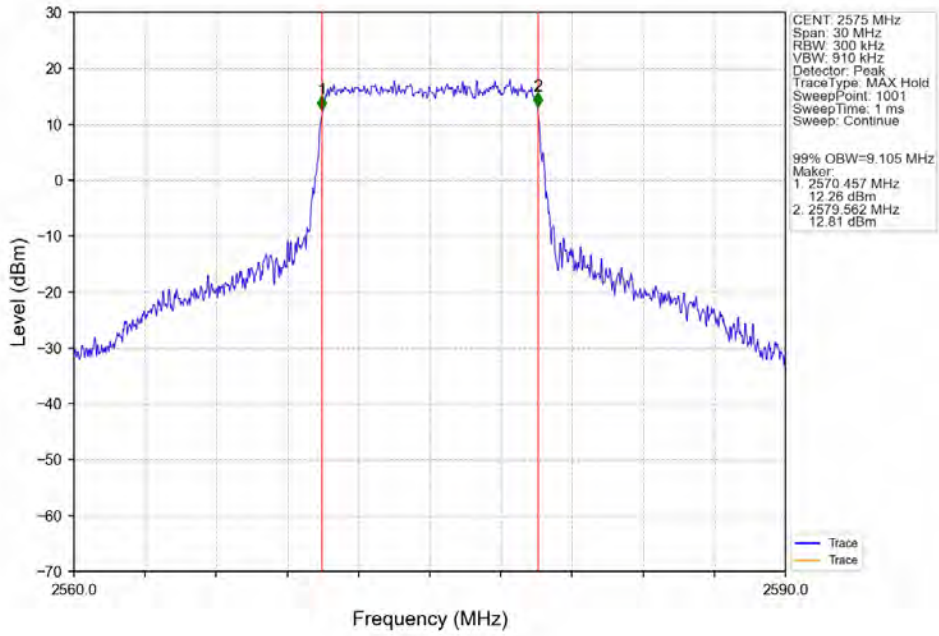
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



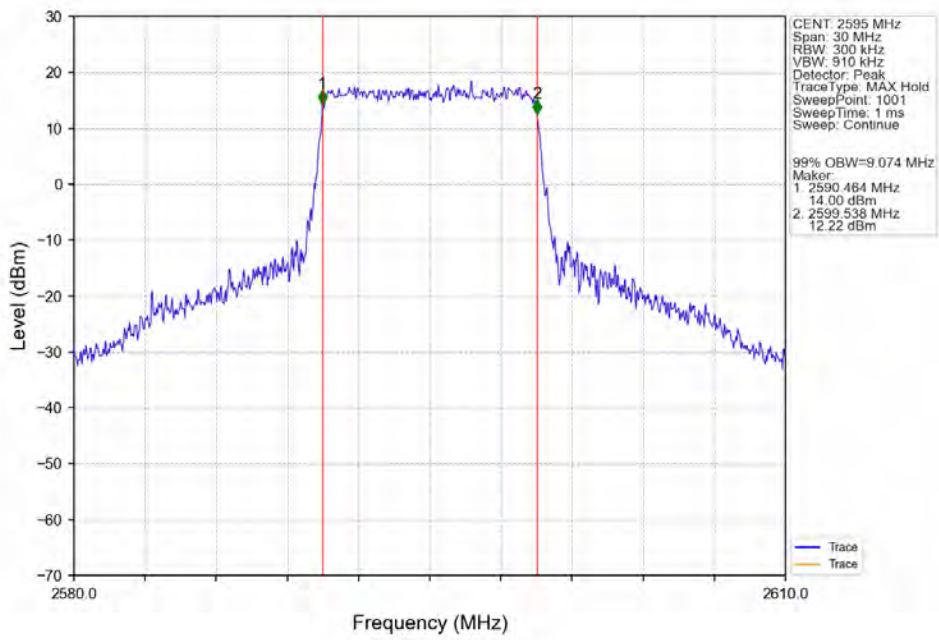
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



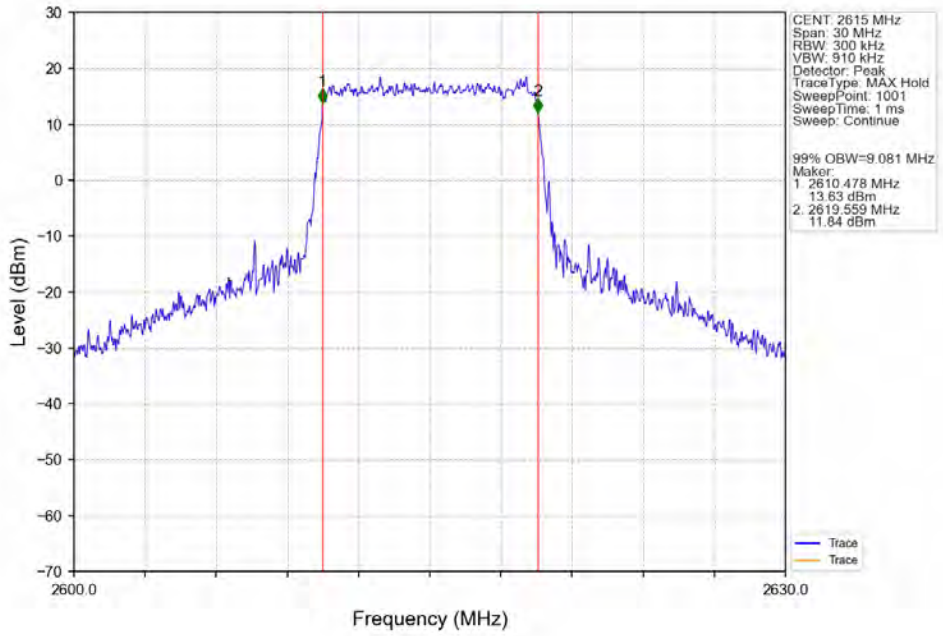
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



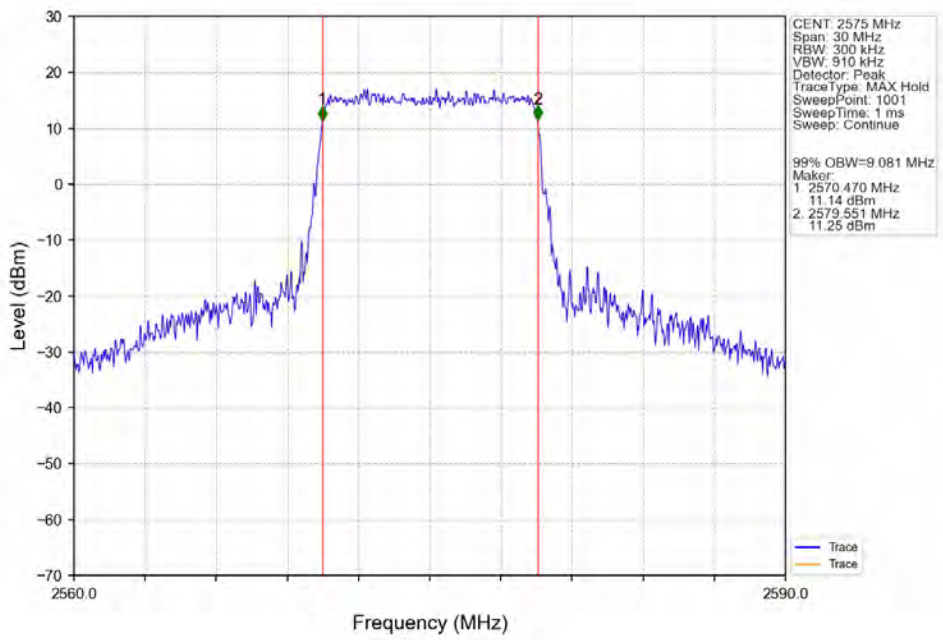
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



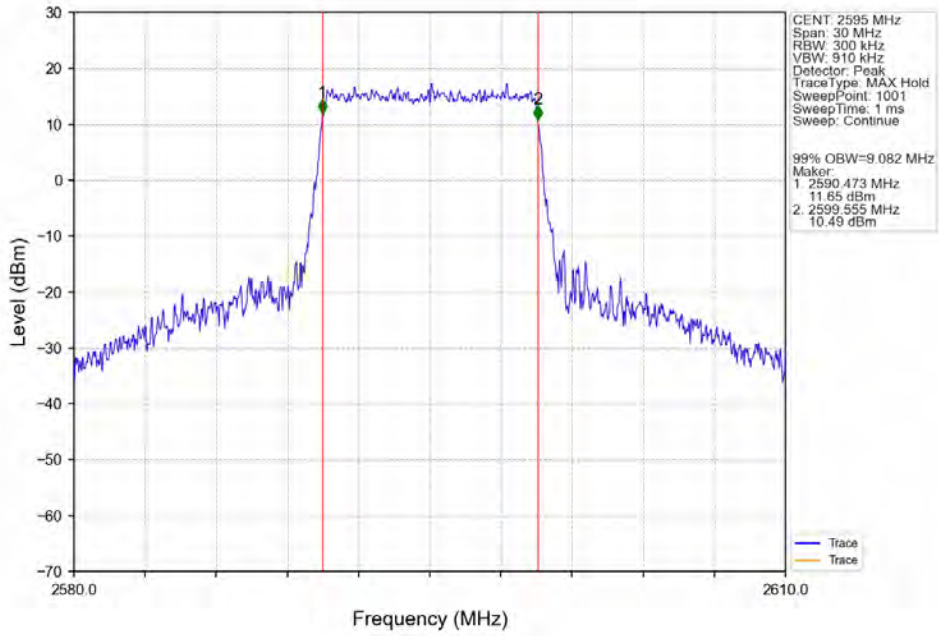
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



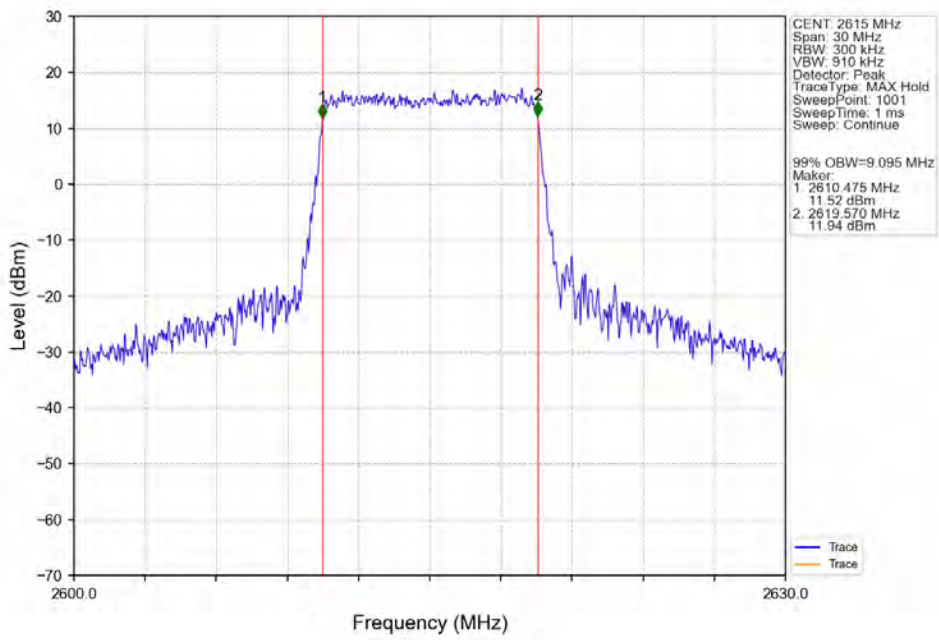
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



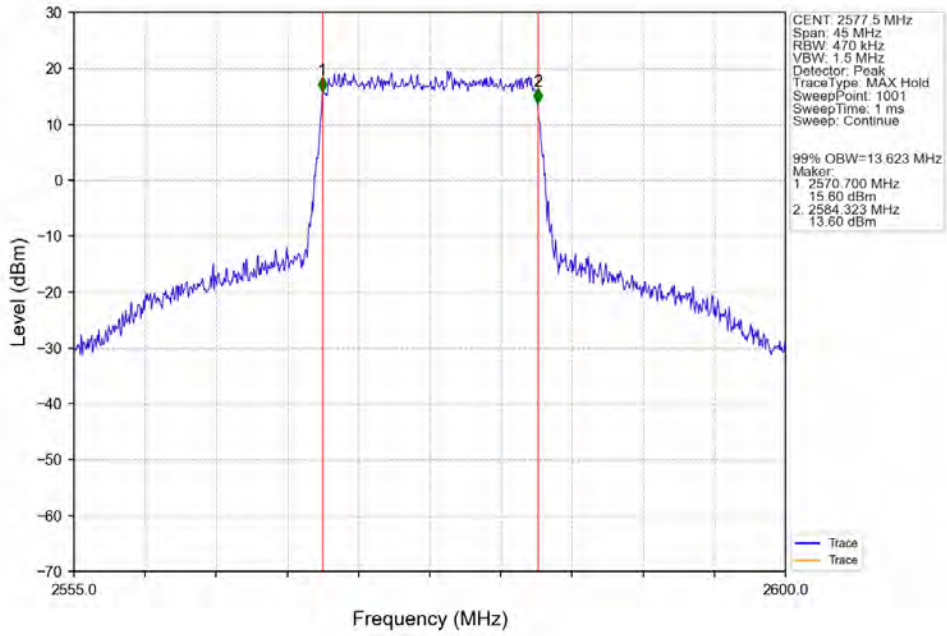
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



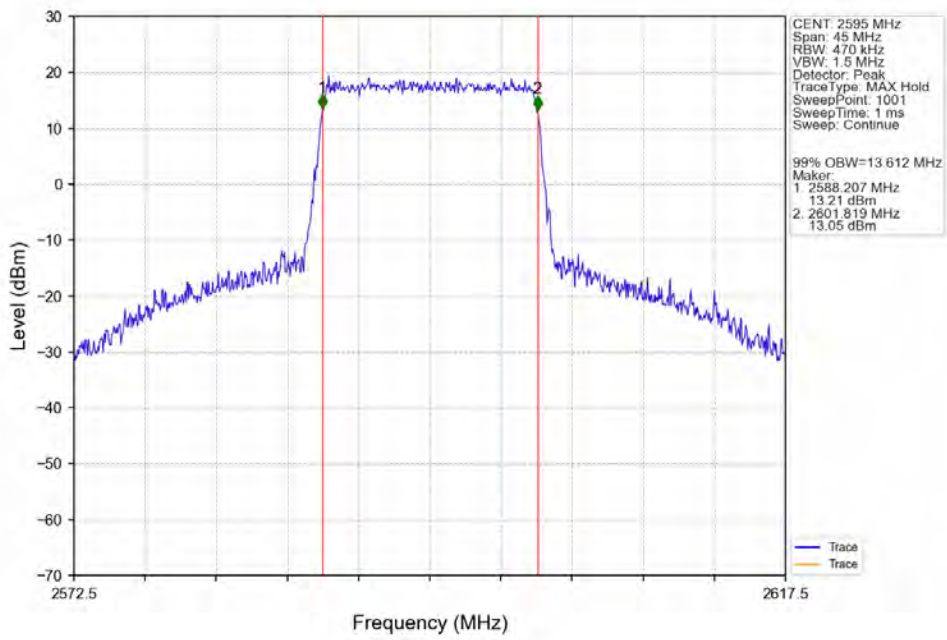
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



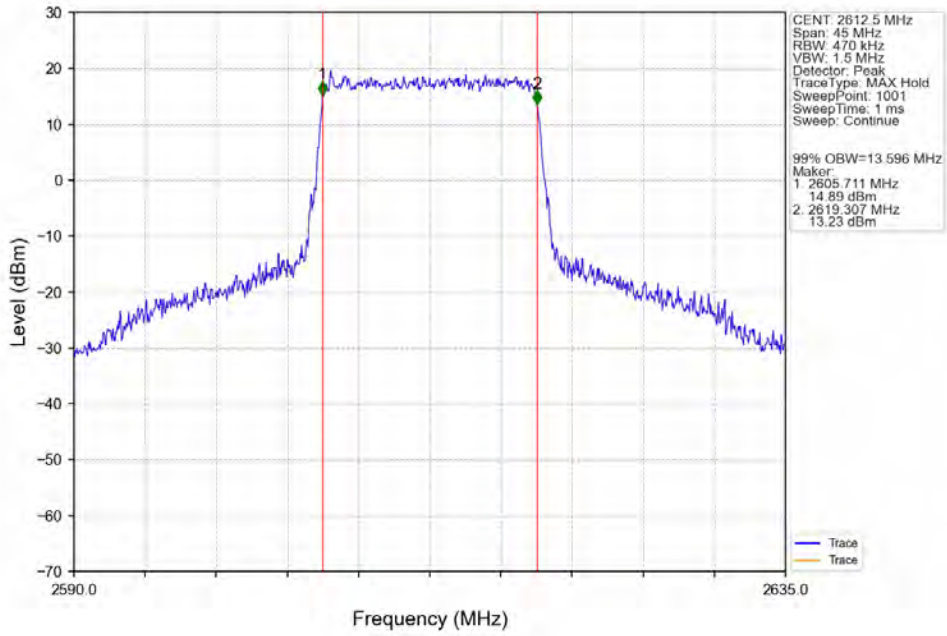
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



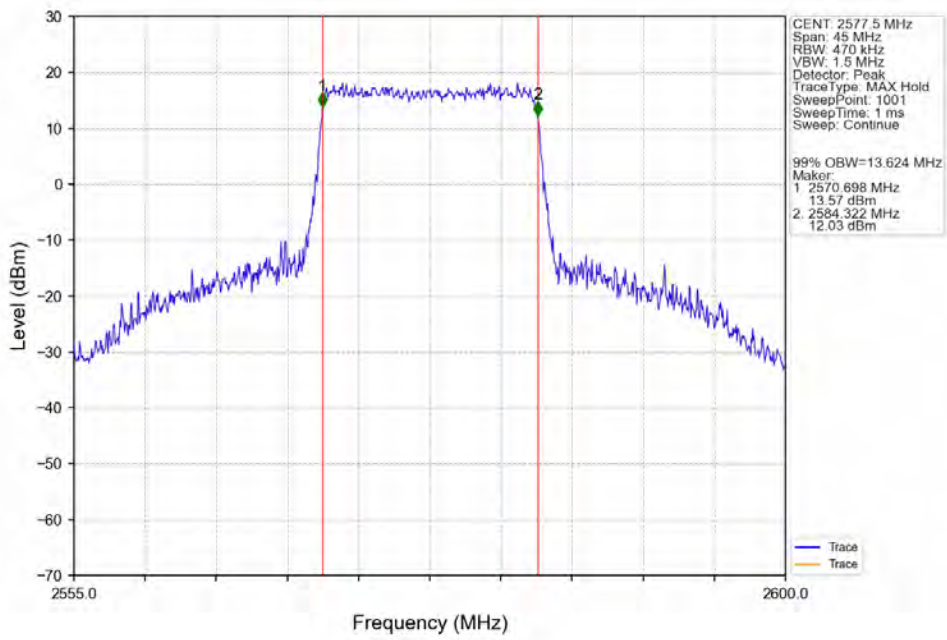
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



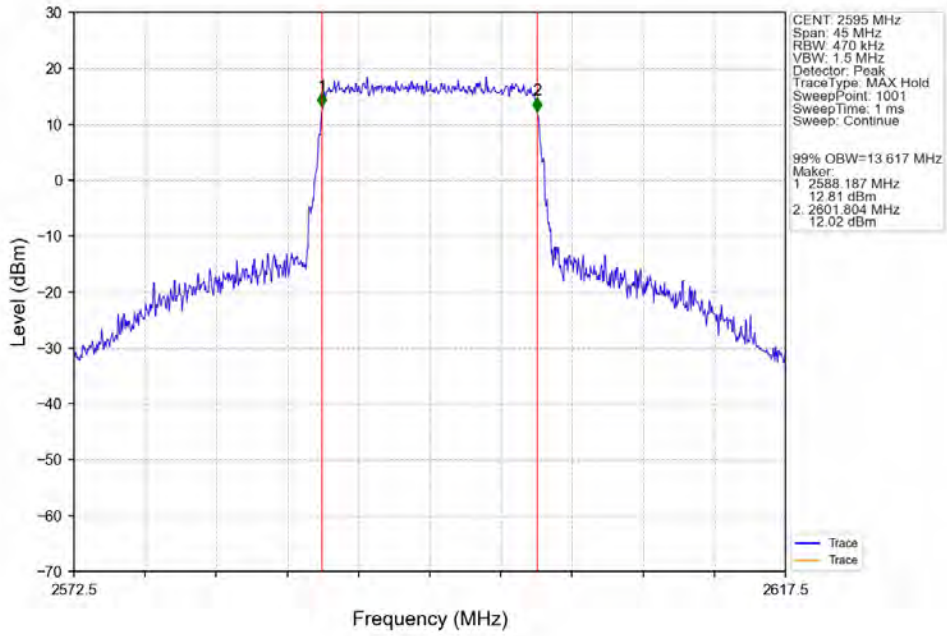
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



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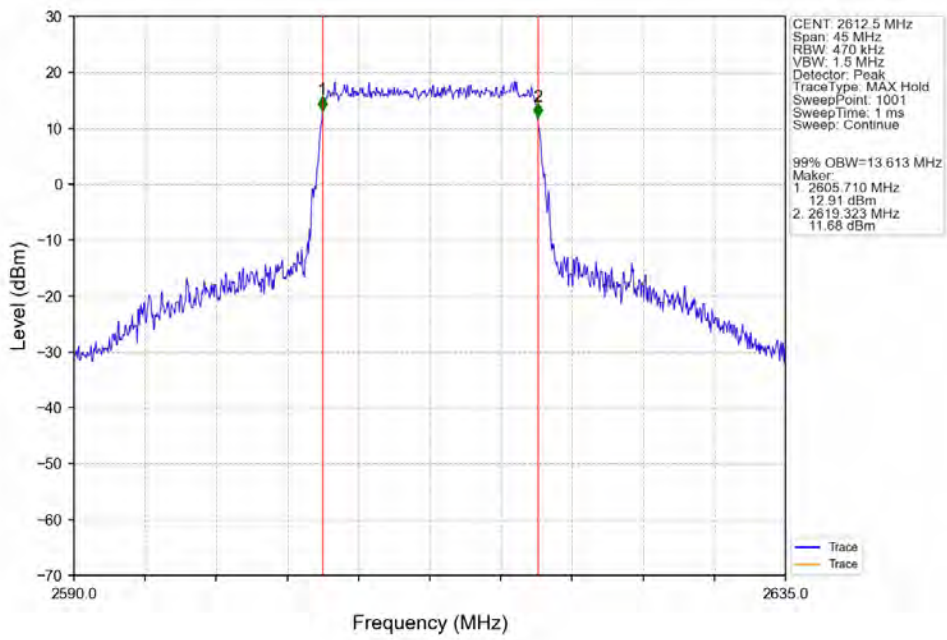
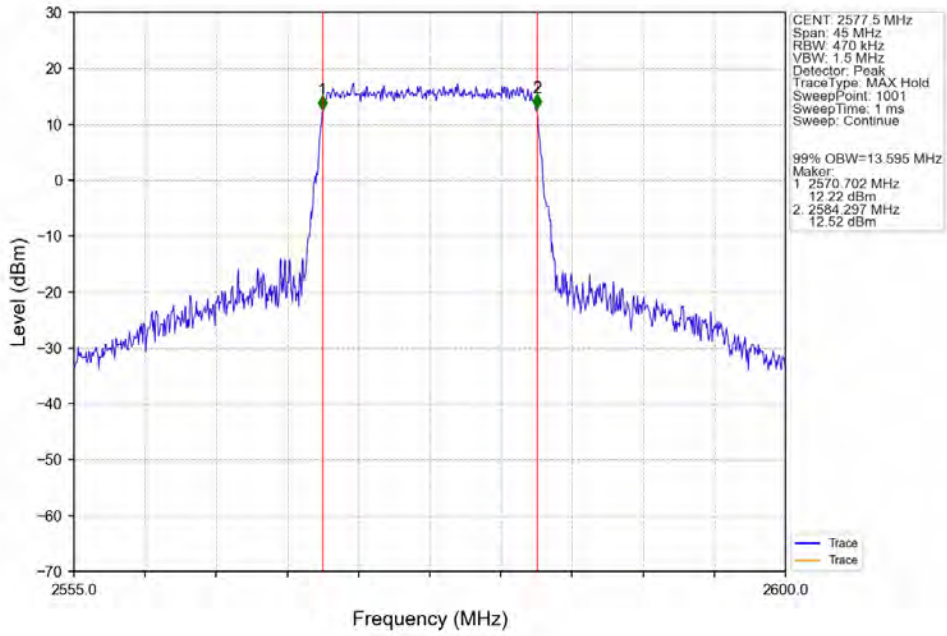
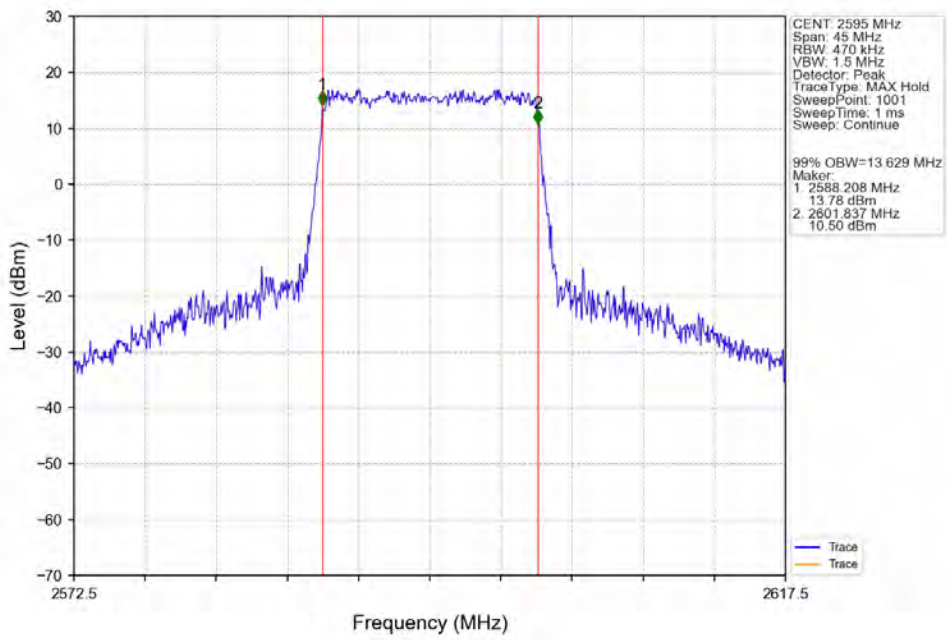


Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



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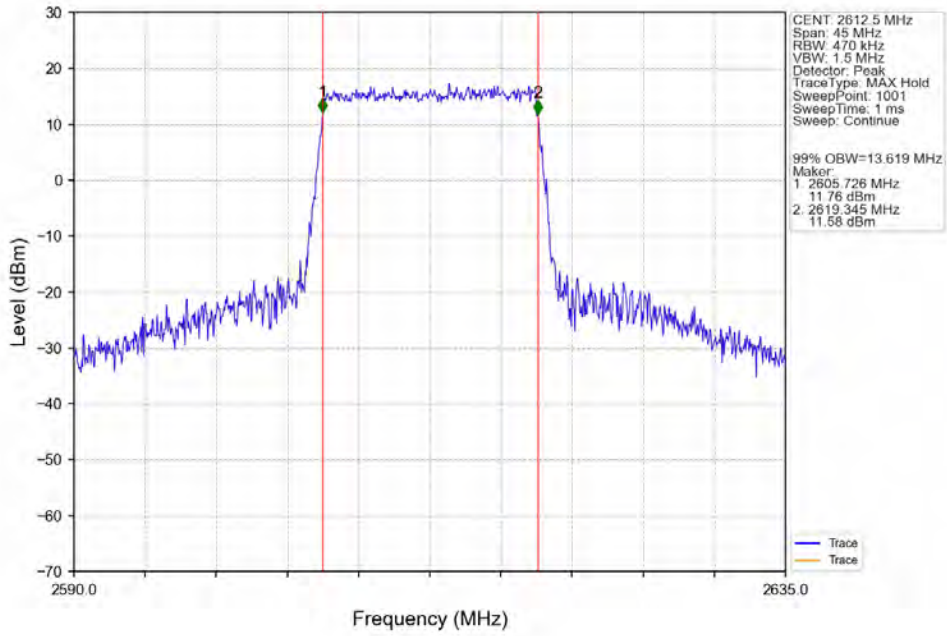
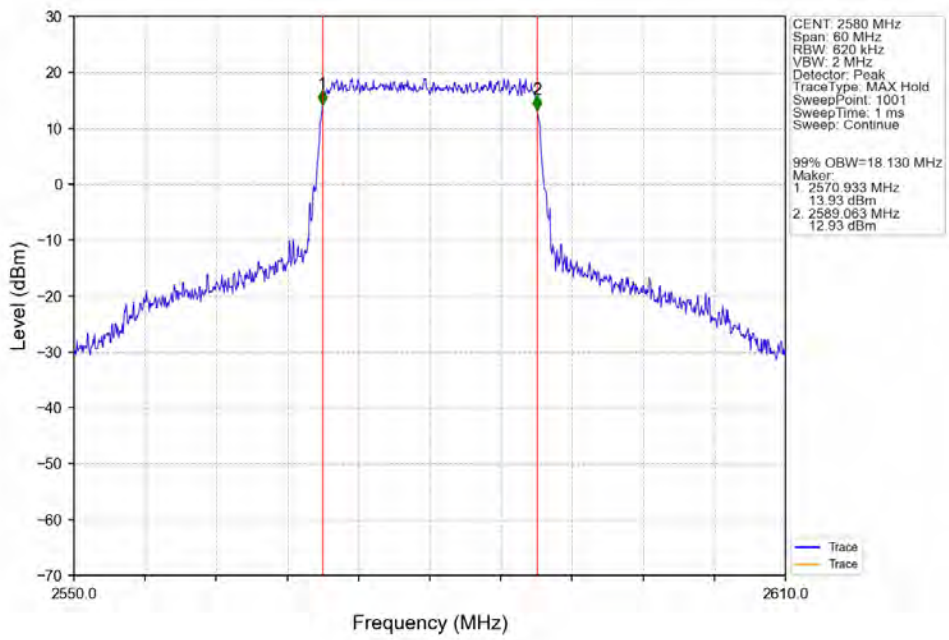
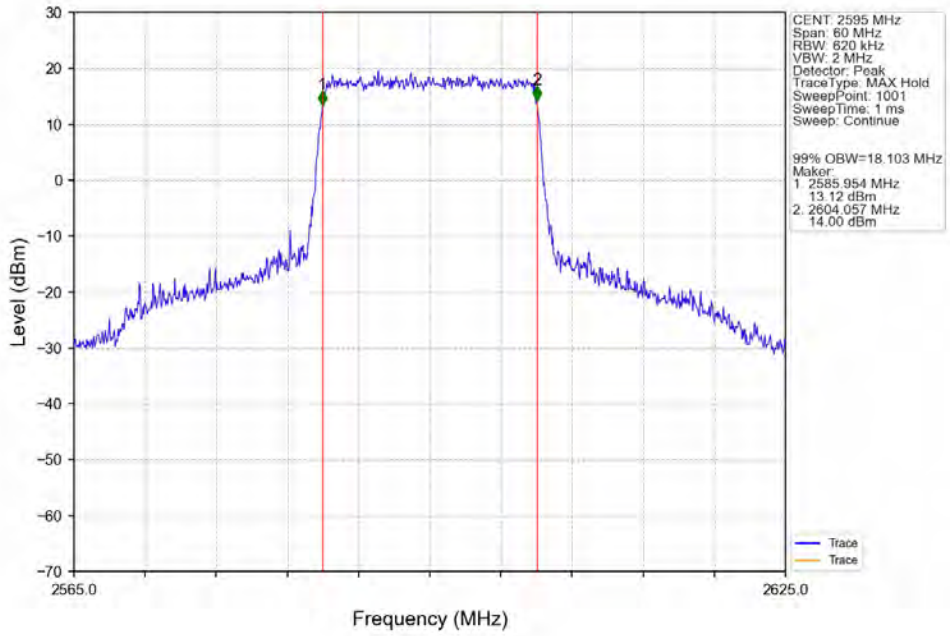


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



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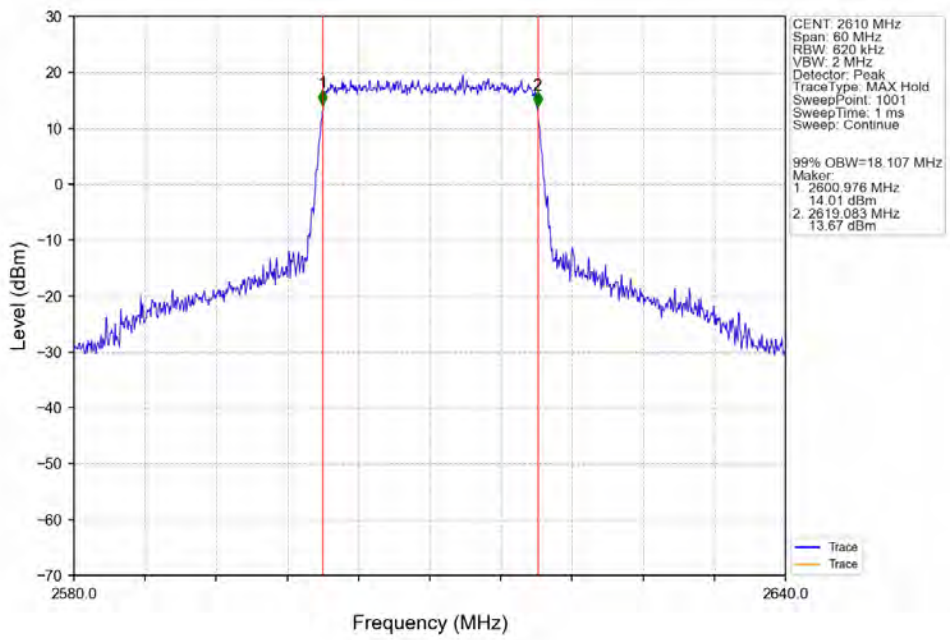
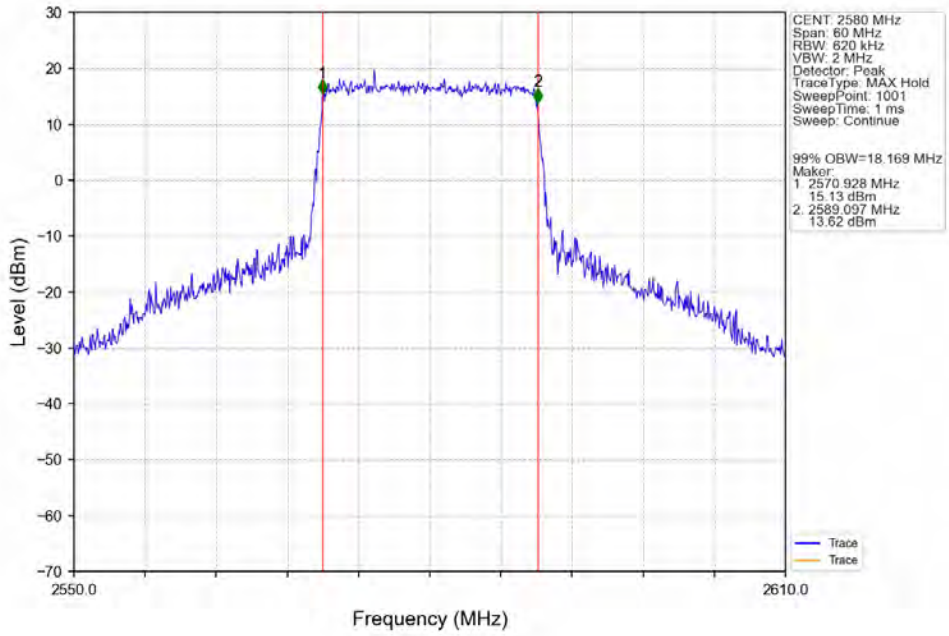
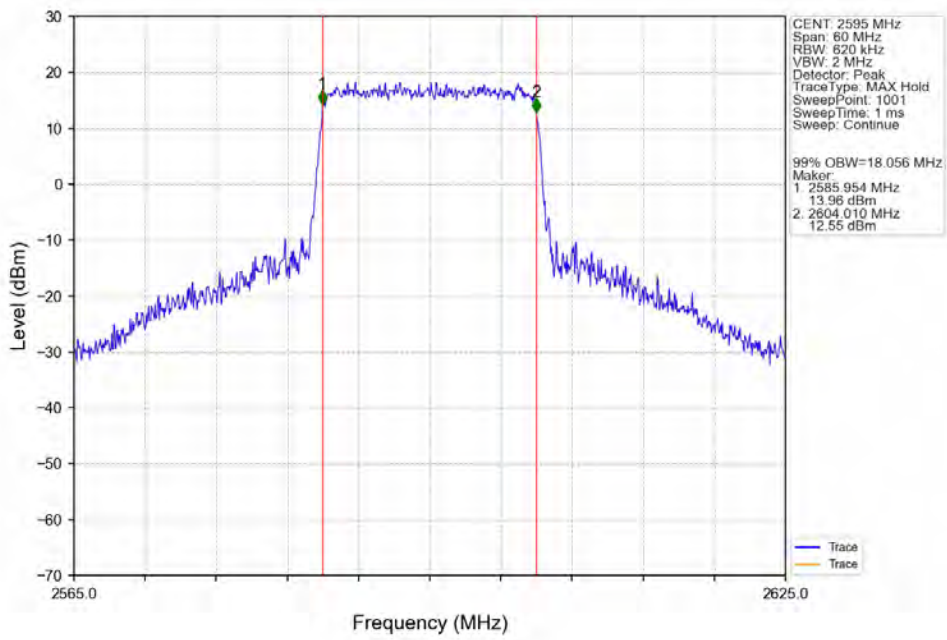


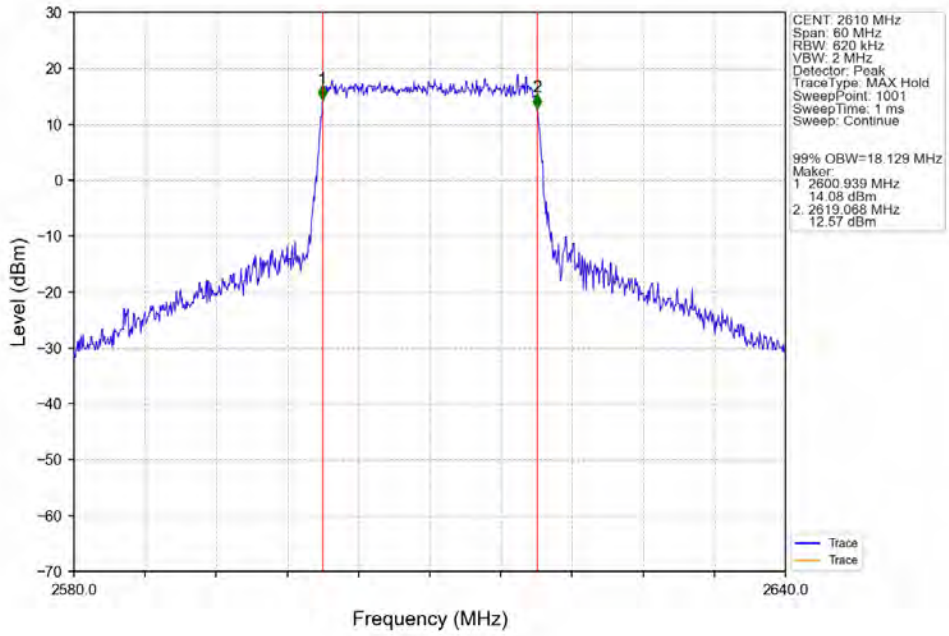
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



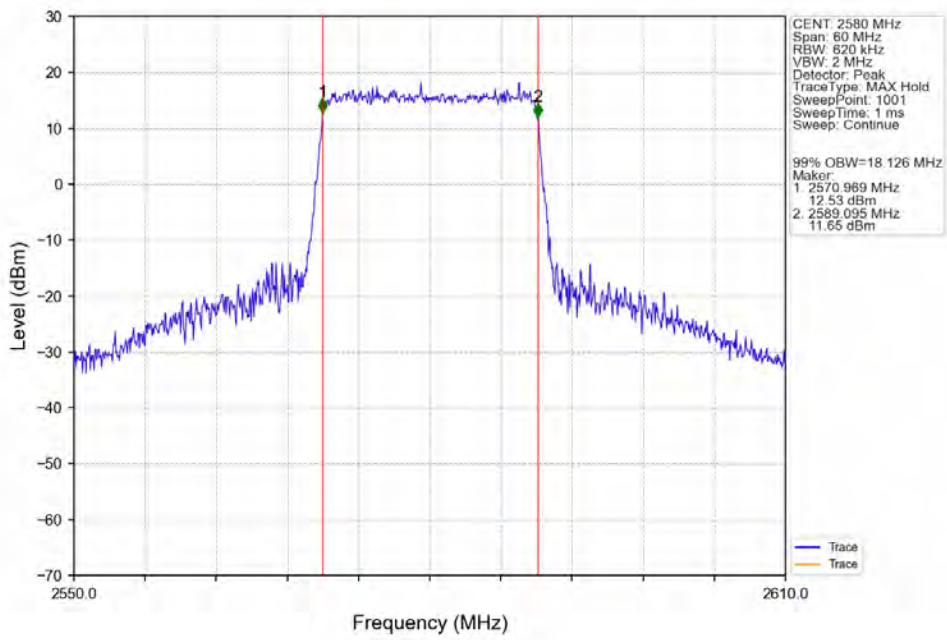
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



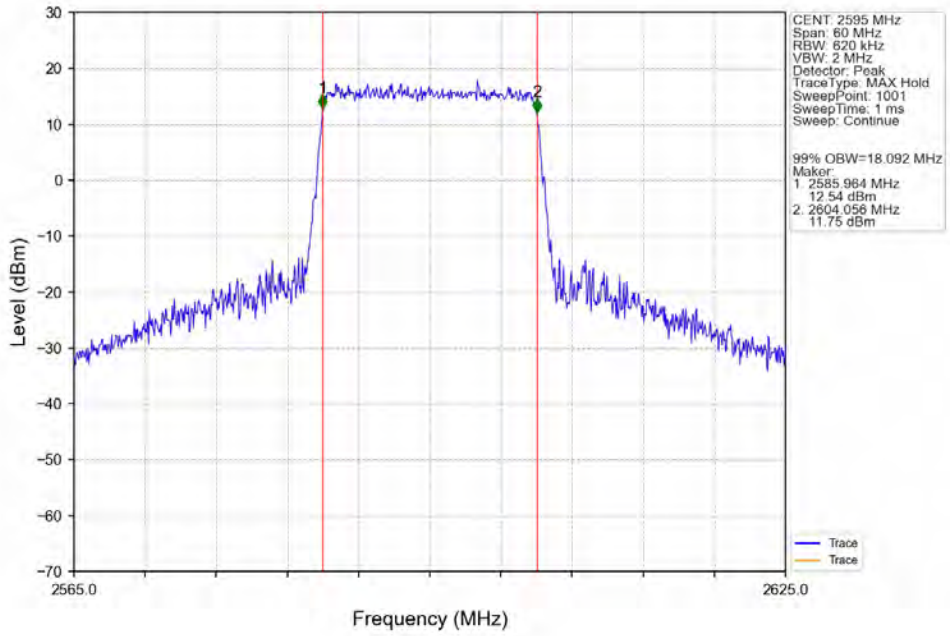
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



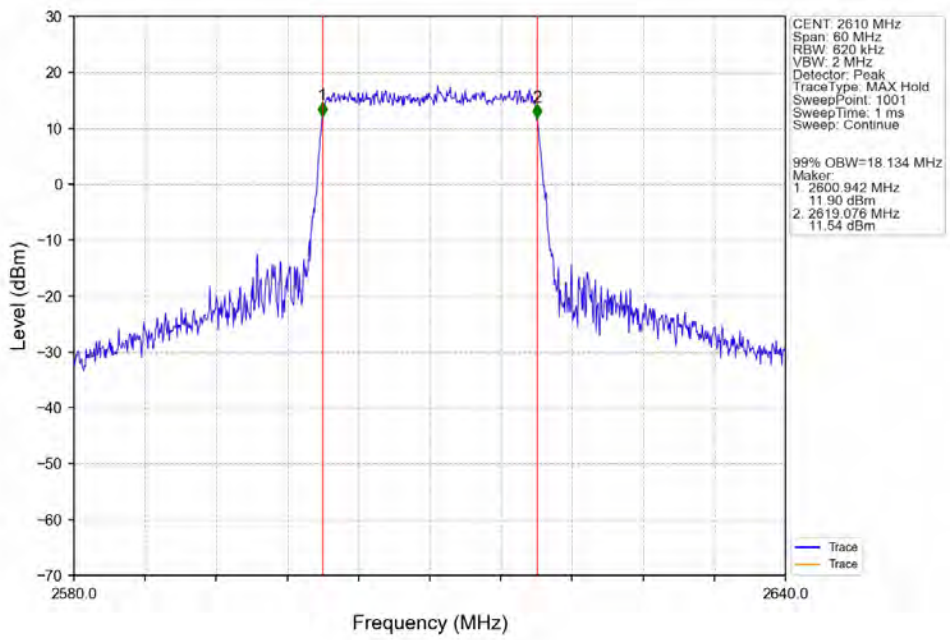
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV

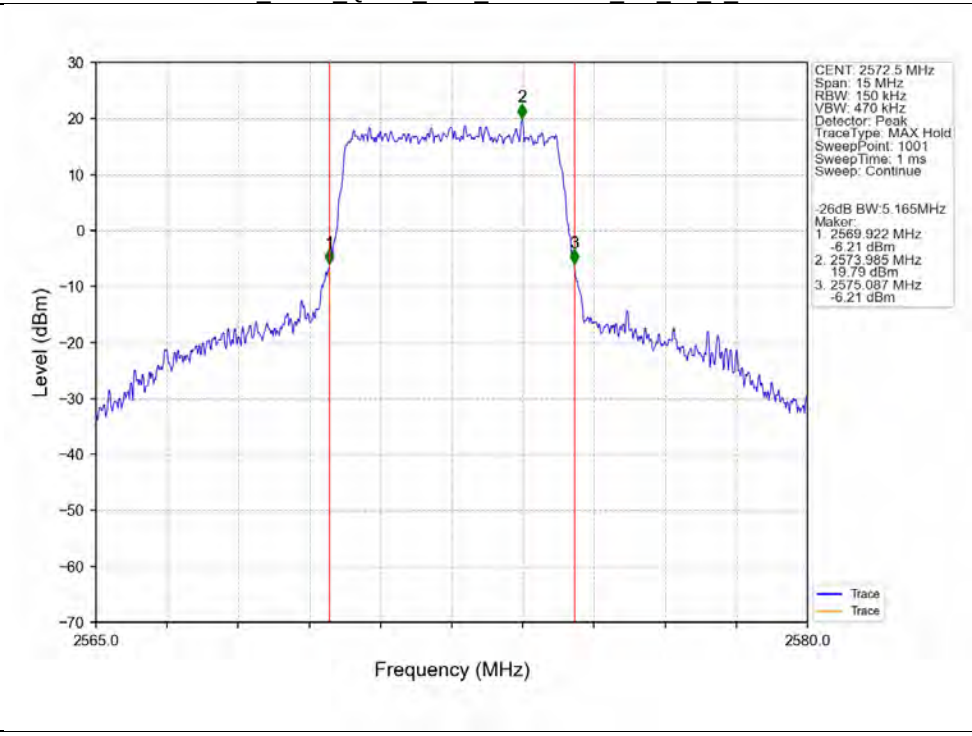


Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV

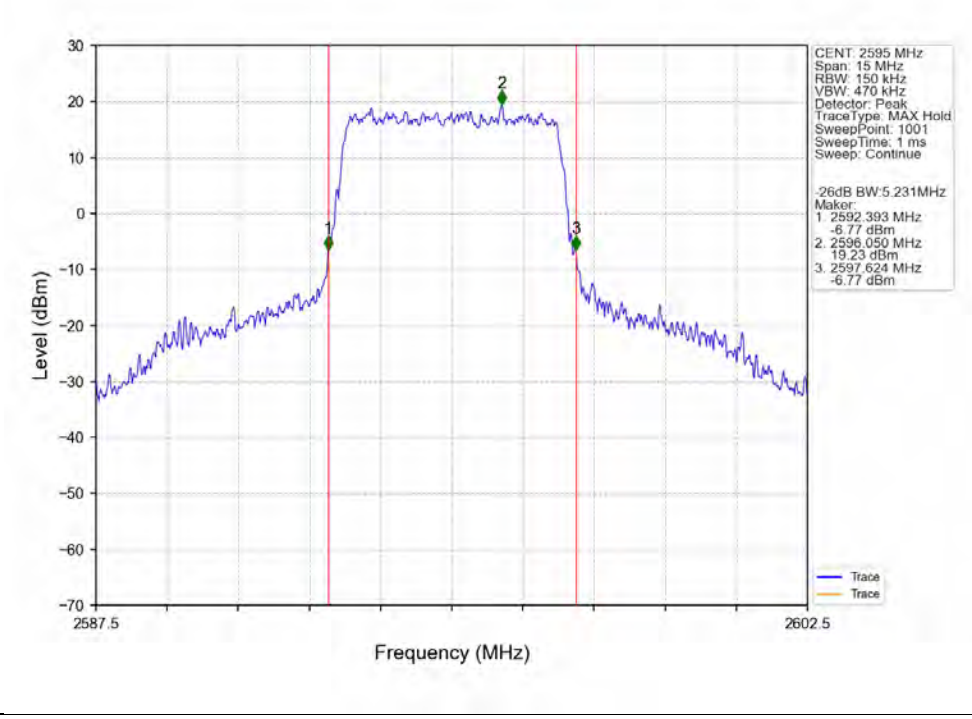


3.2.2 Band38_XDB

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



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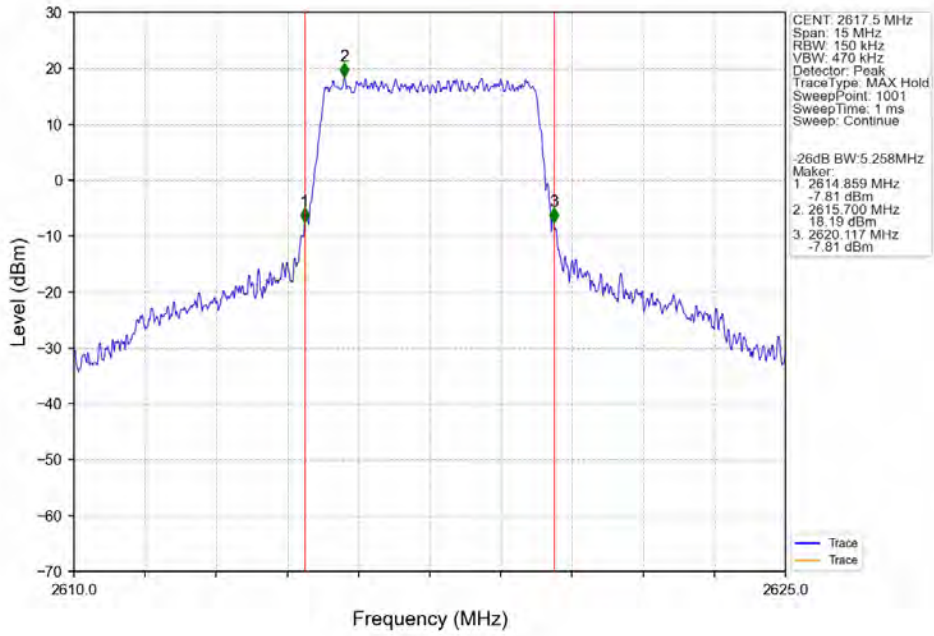
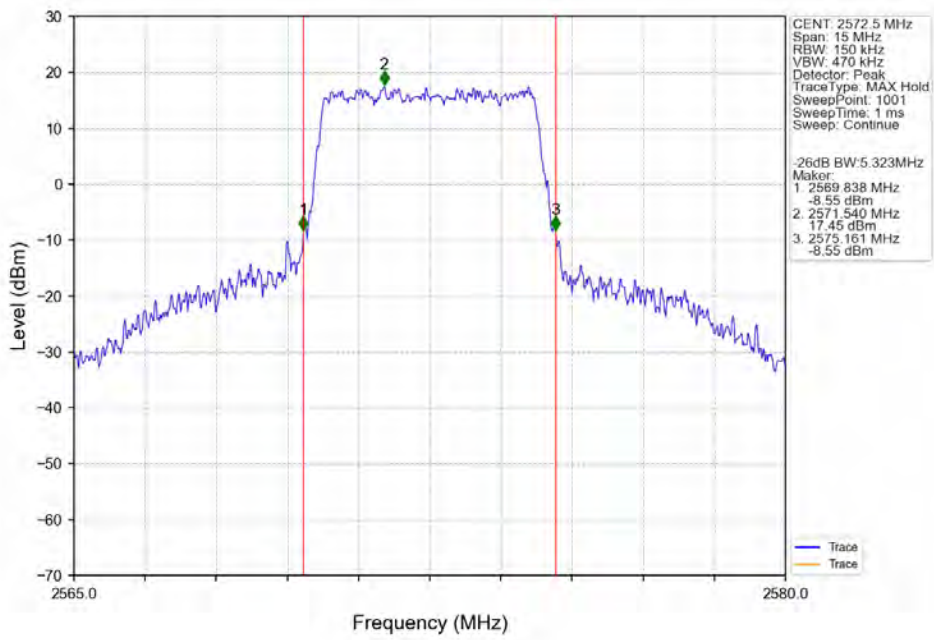
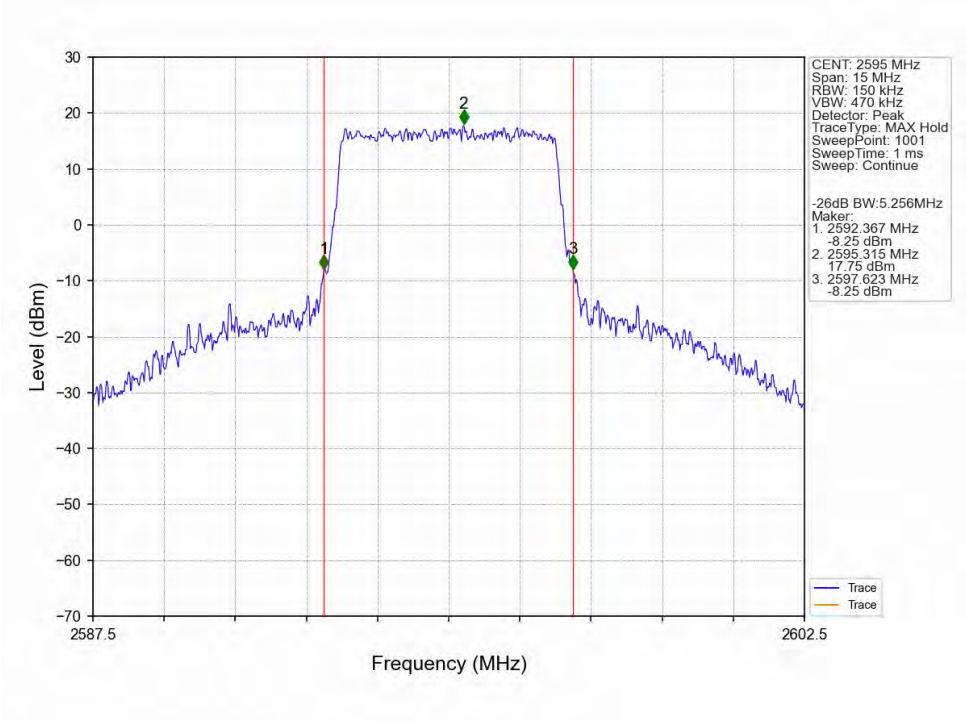


Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



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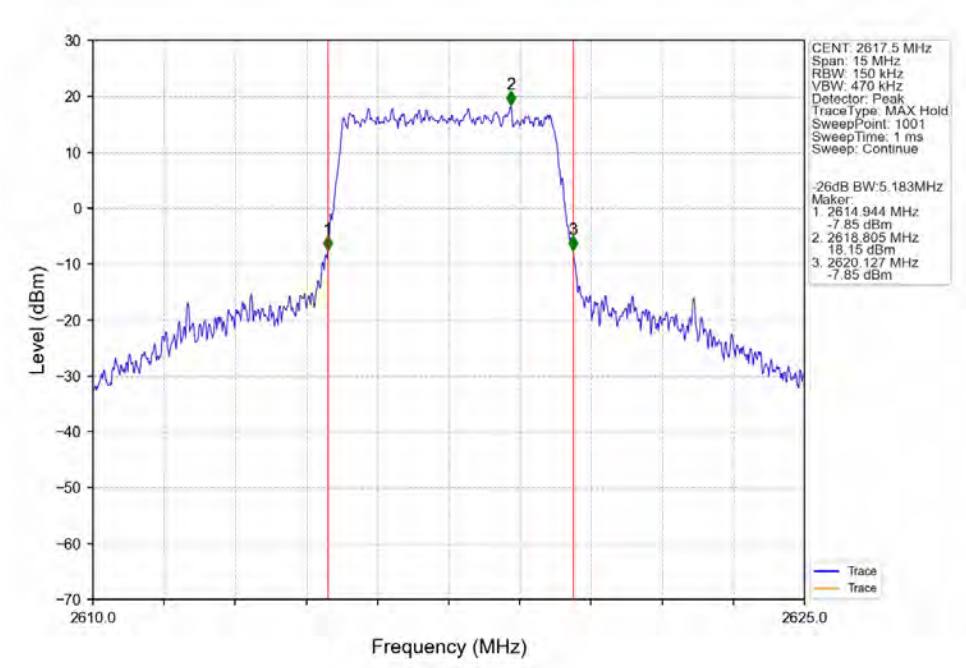
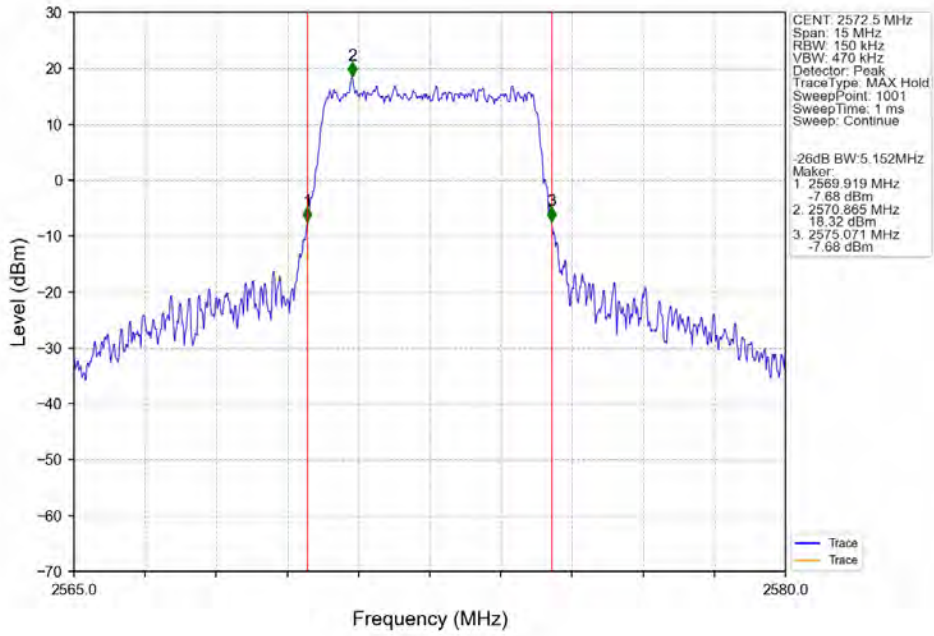
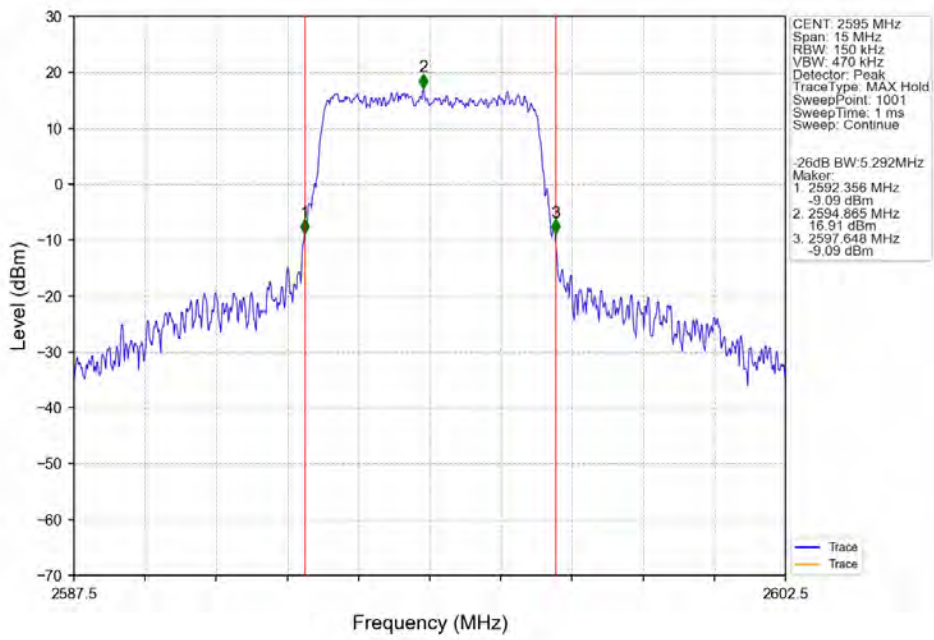


Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



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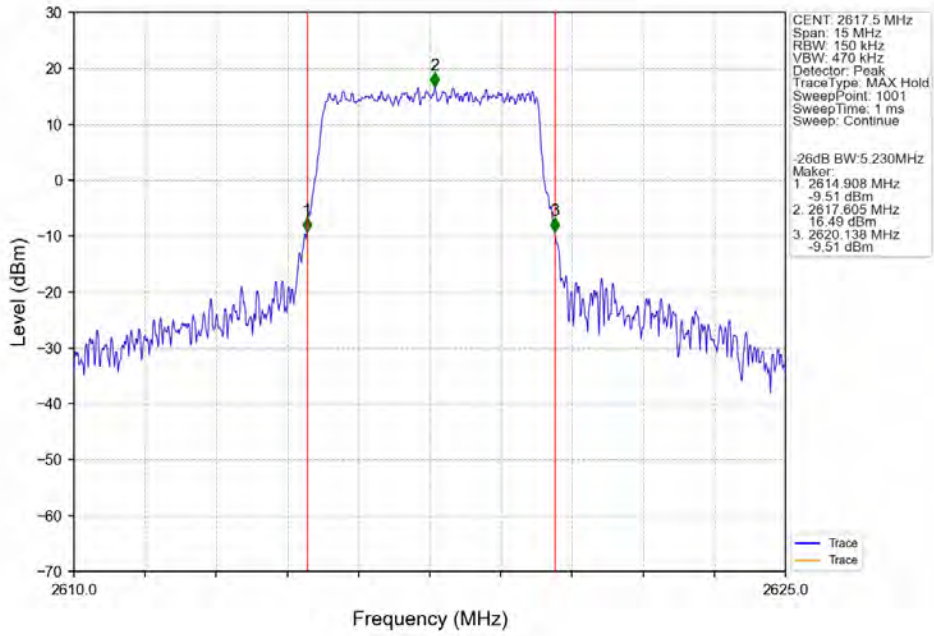
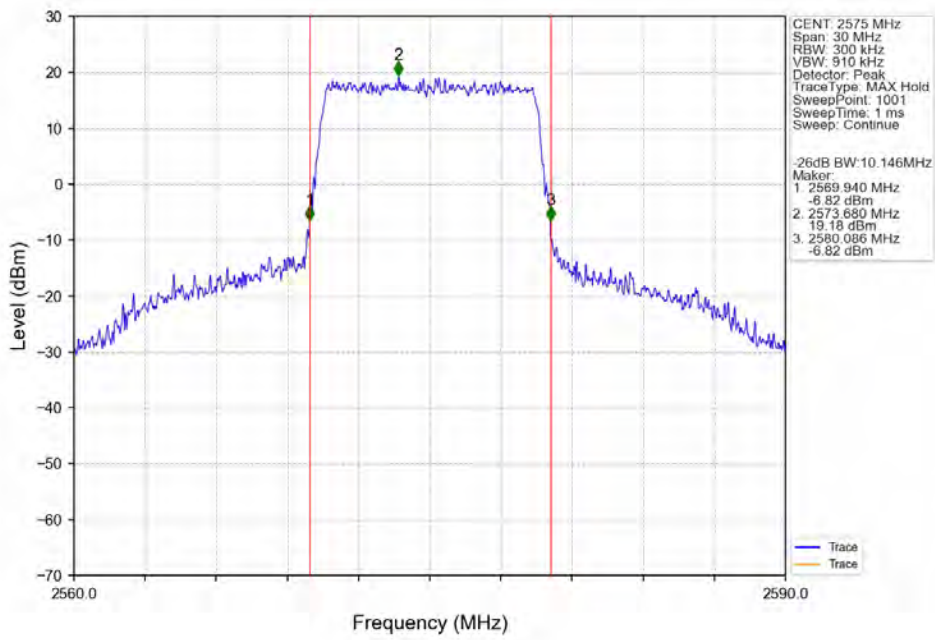
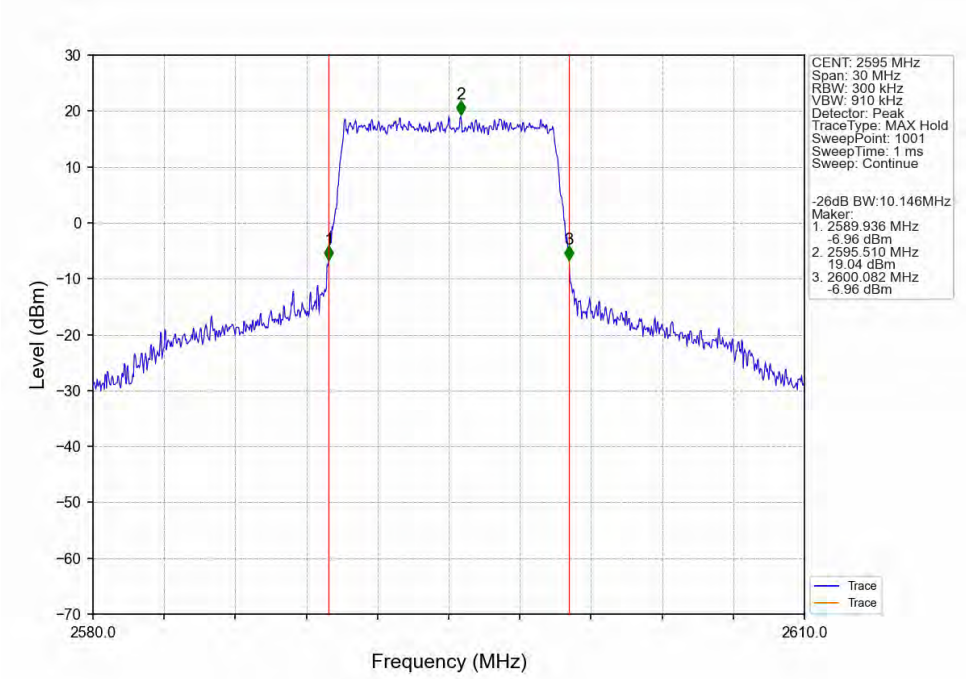


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



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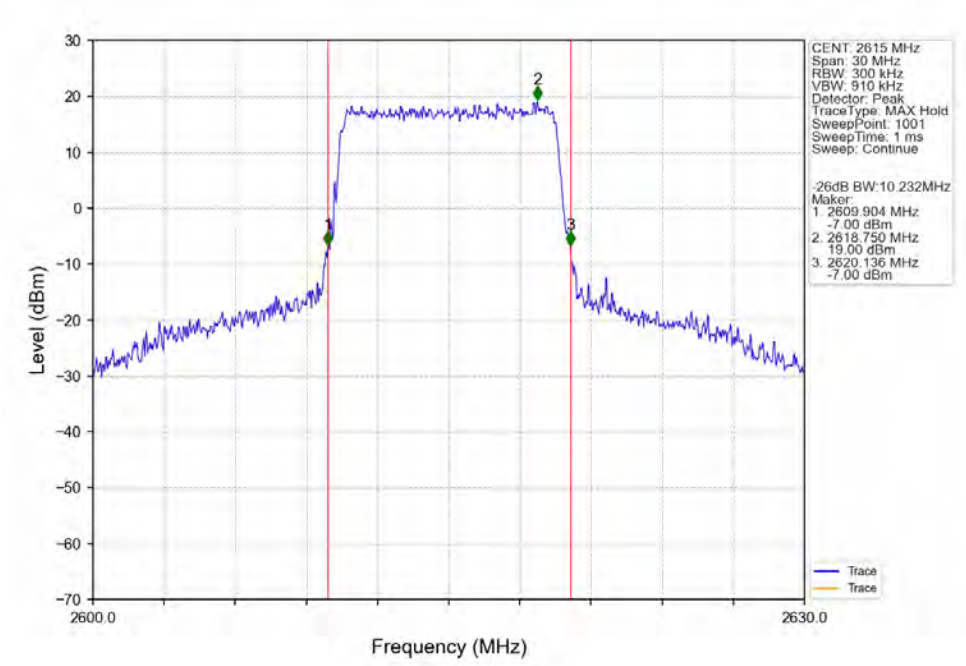
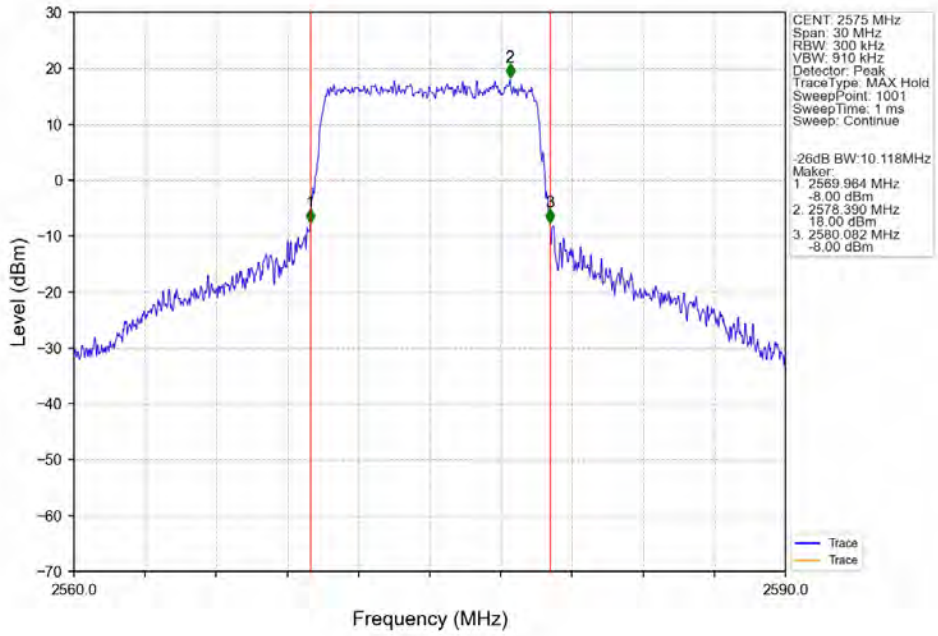
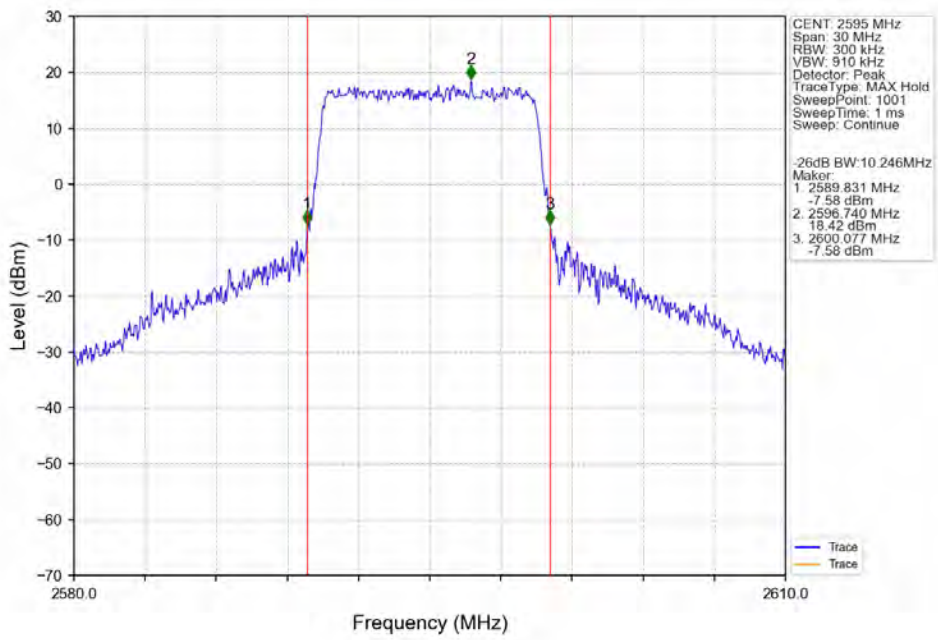


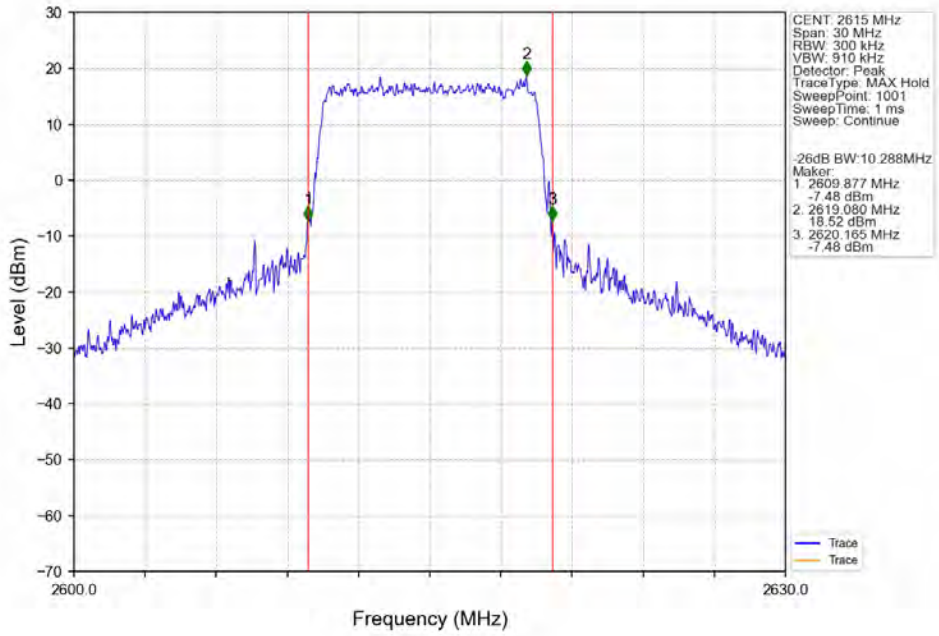
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



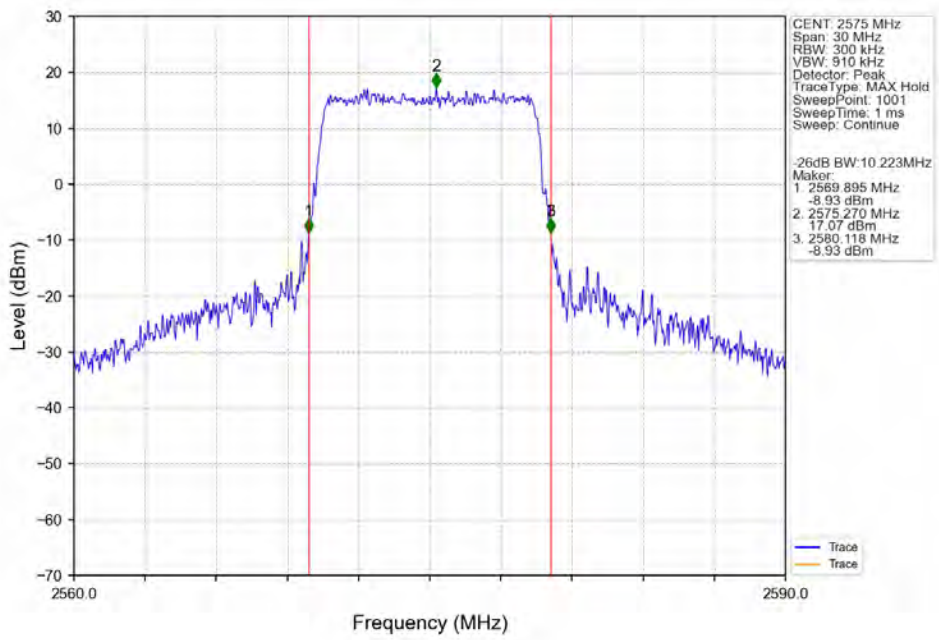
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



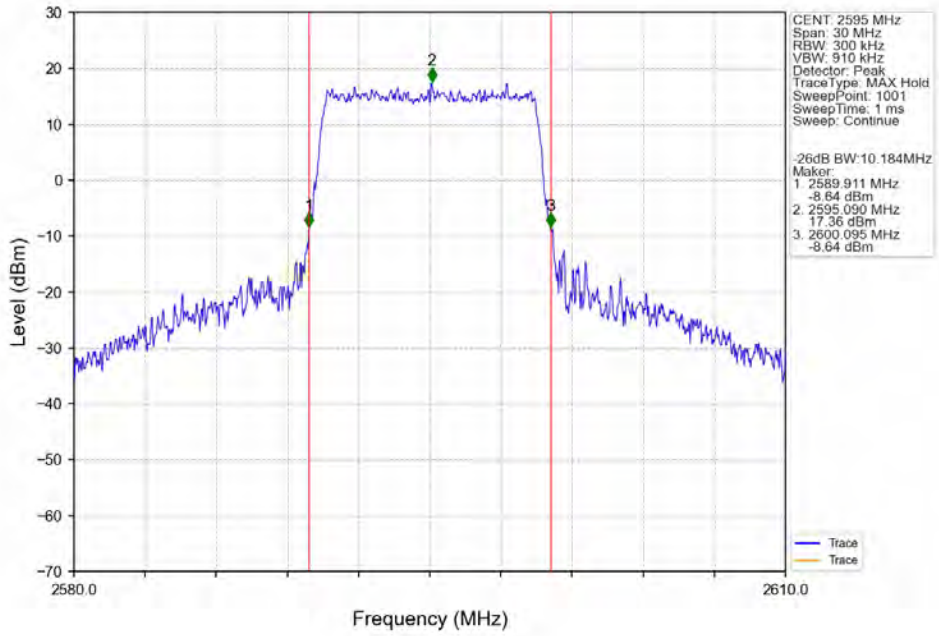
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



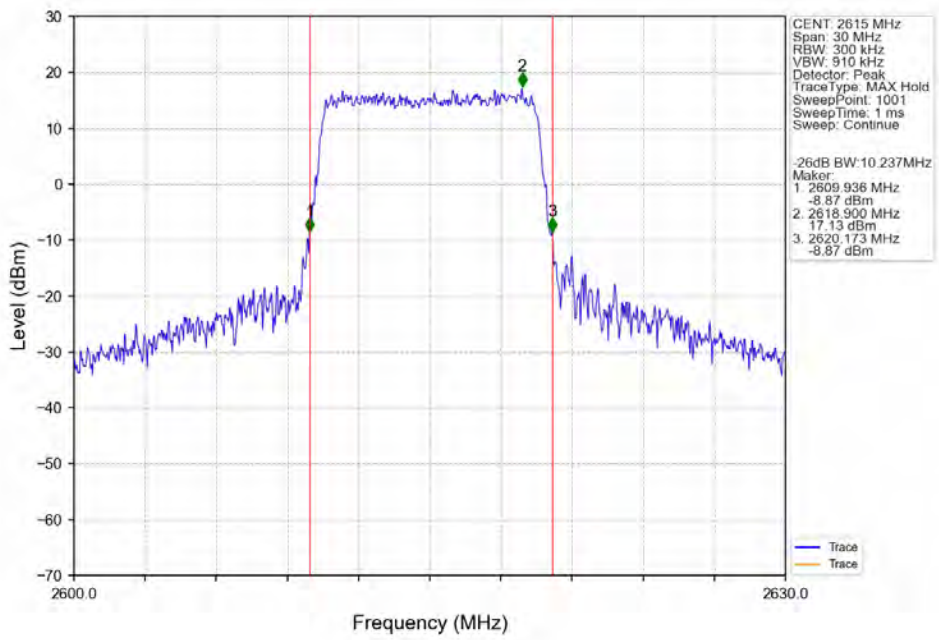
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



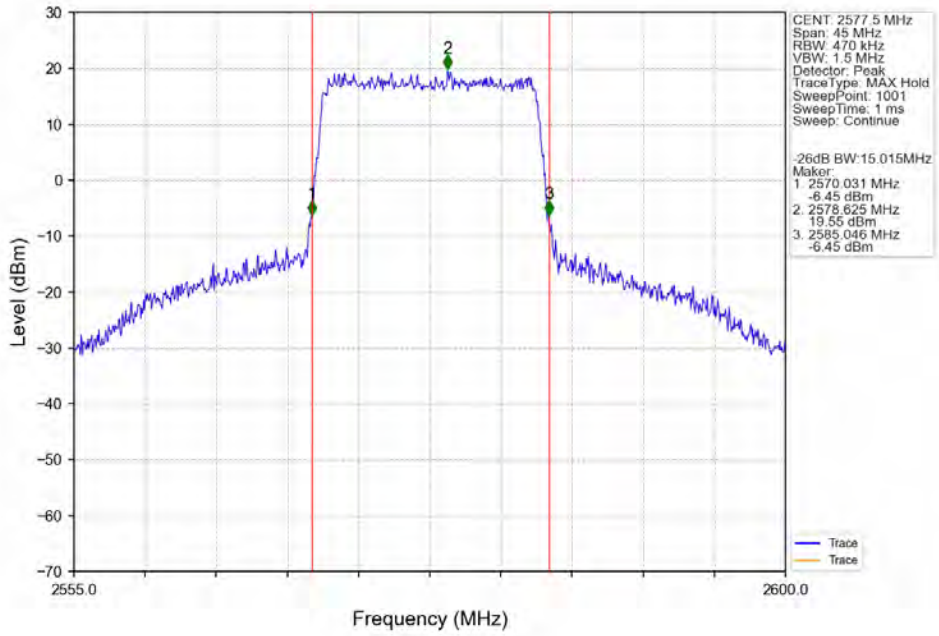
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



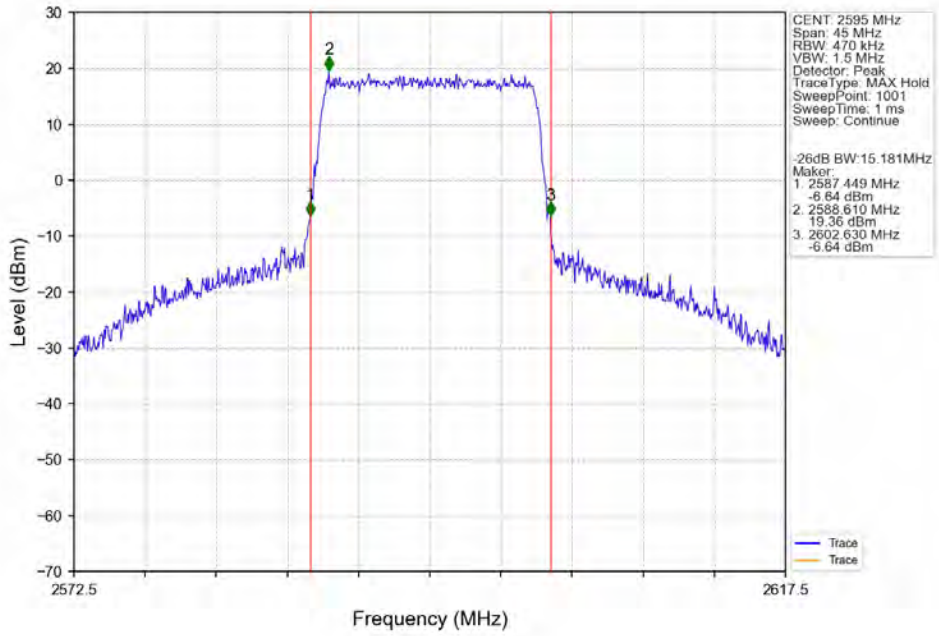
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



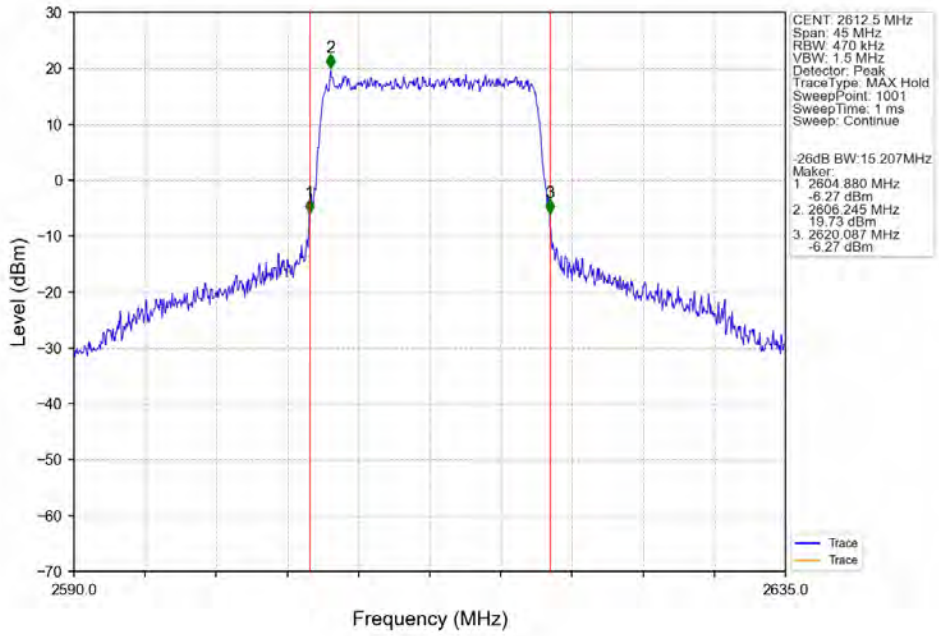
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



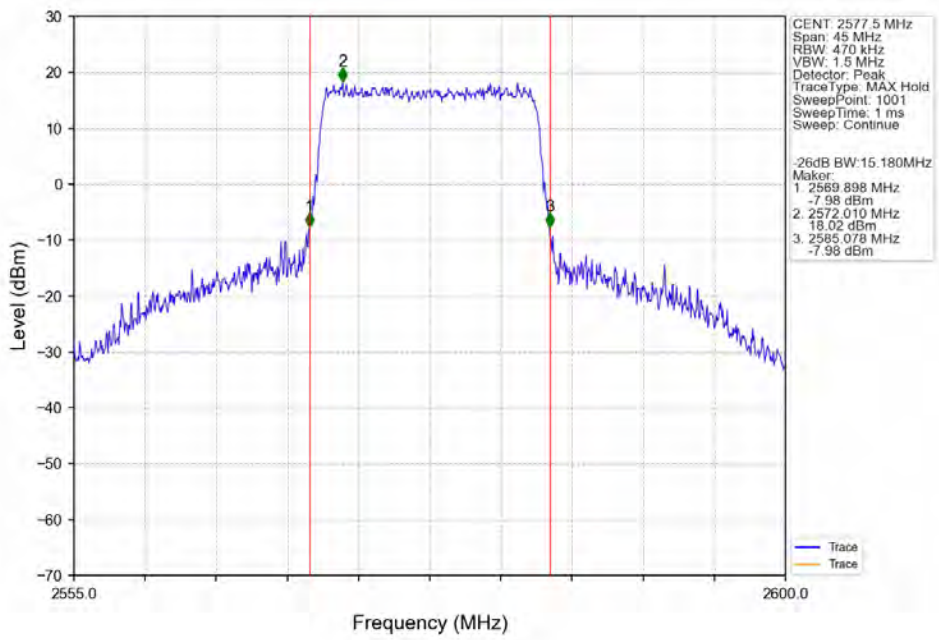
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



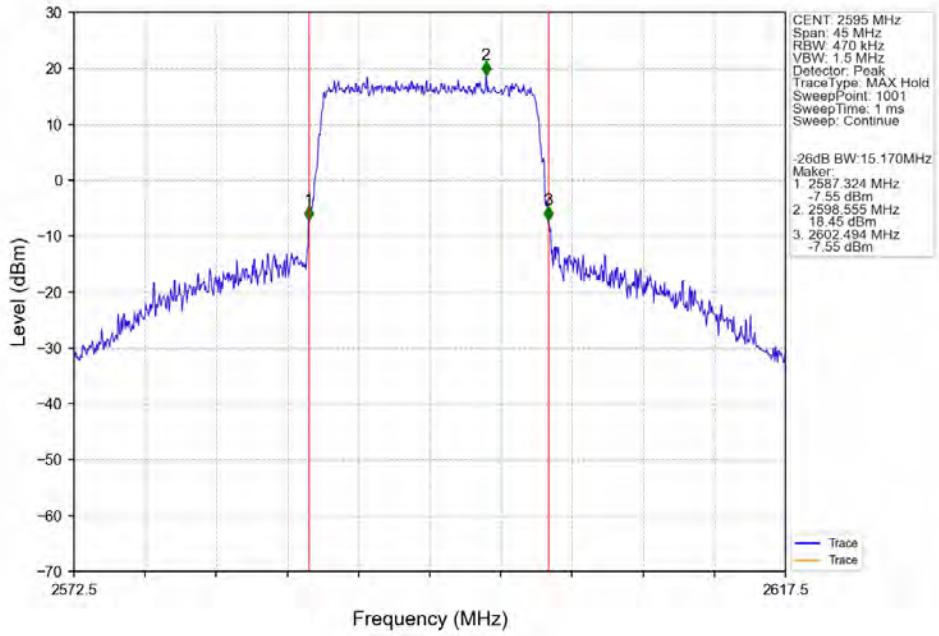
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



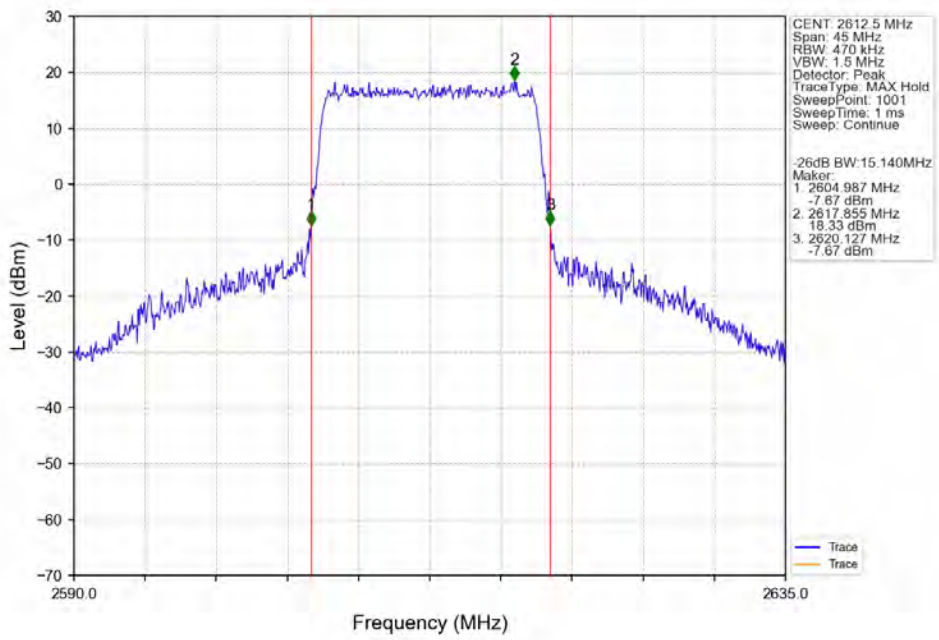
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



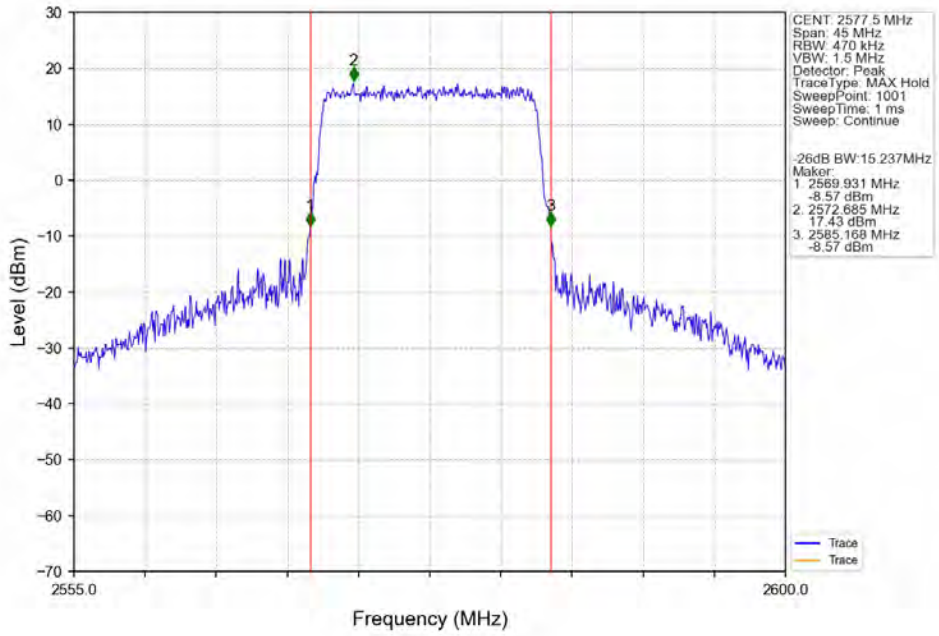
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



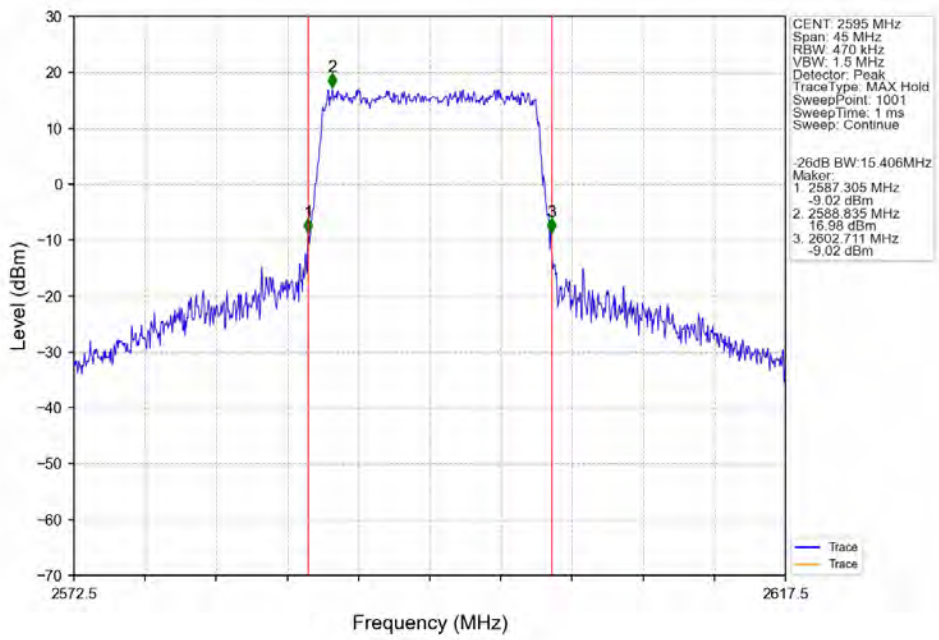
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



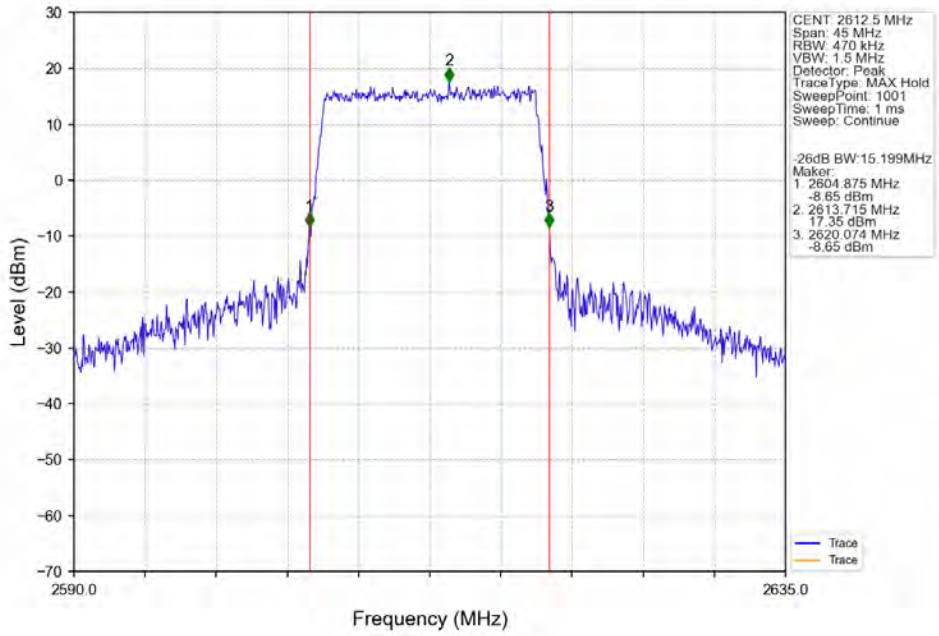
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



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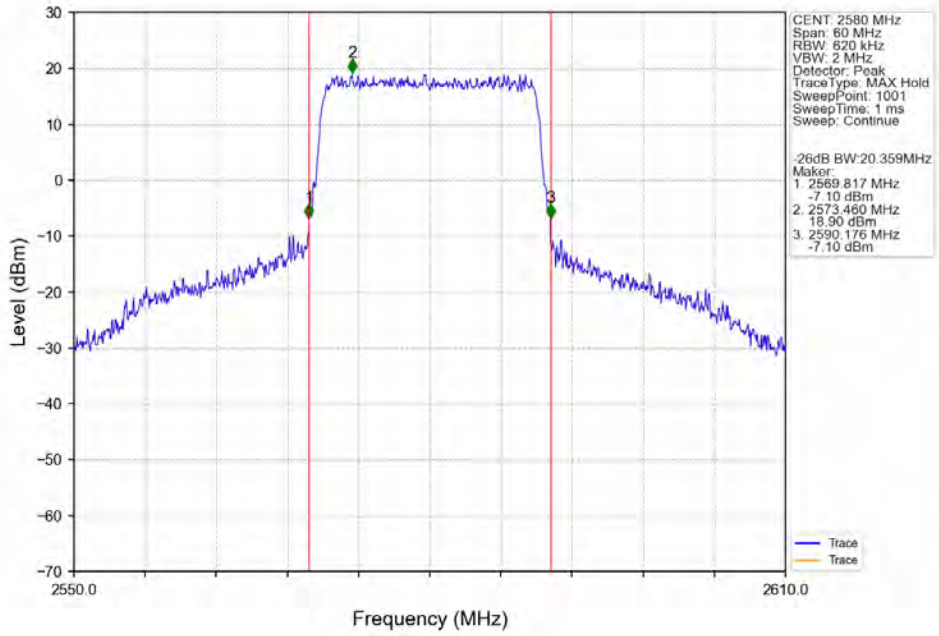
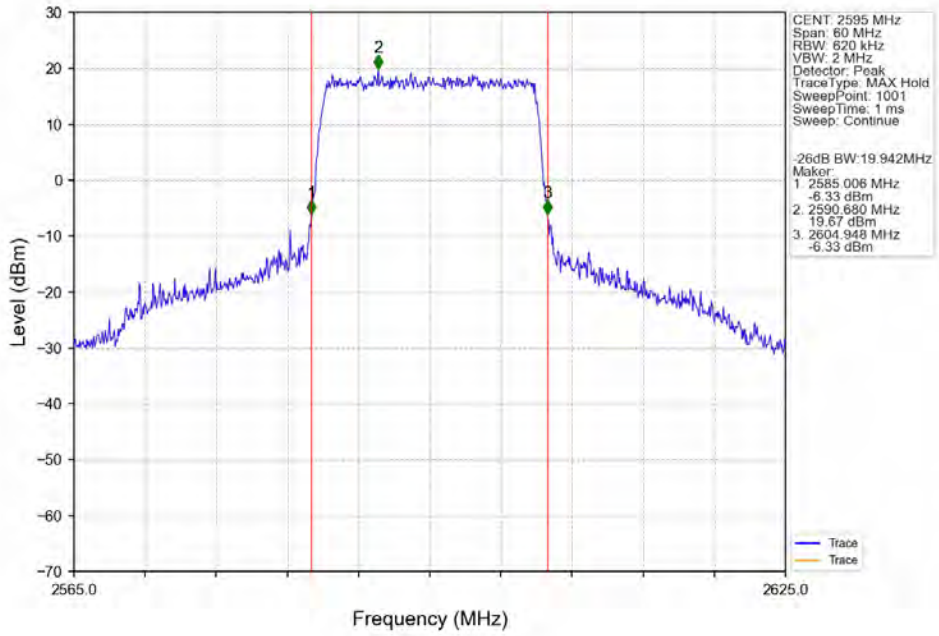
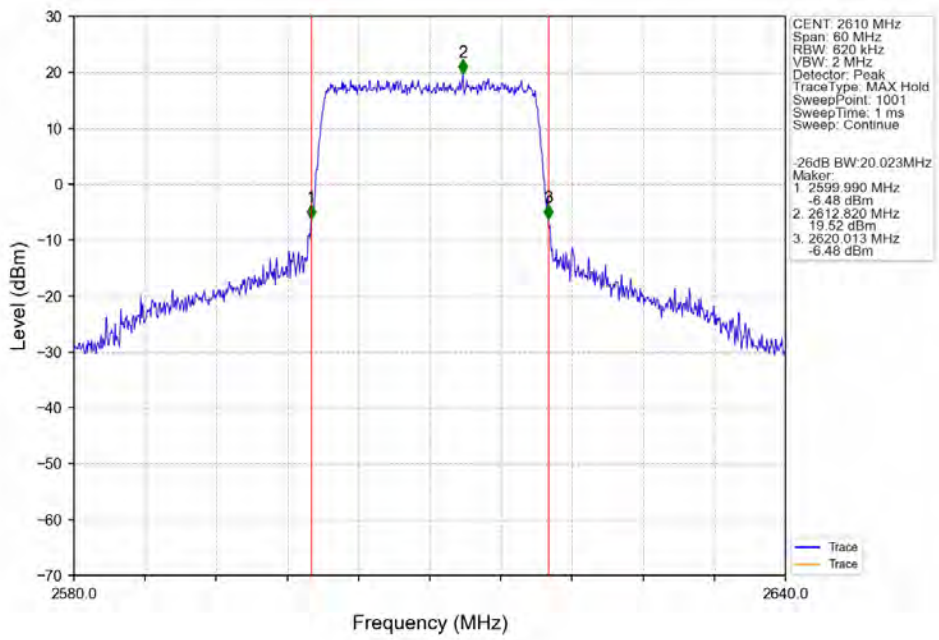


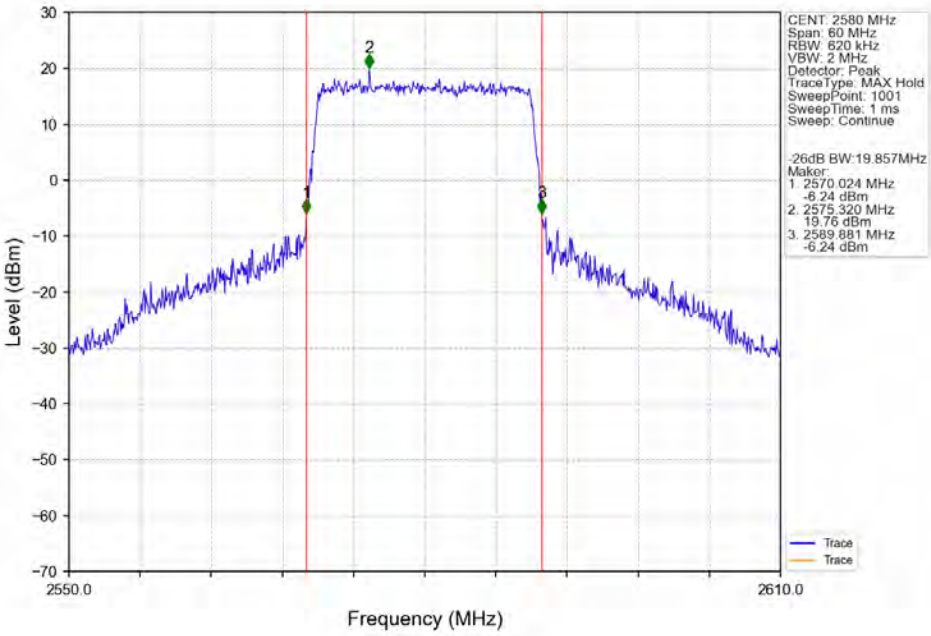
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



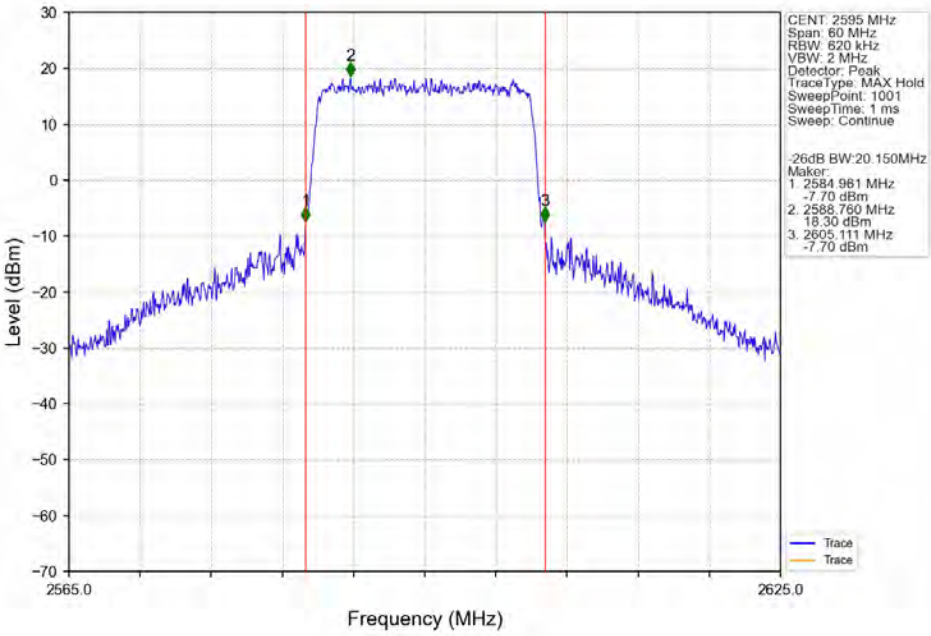
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



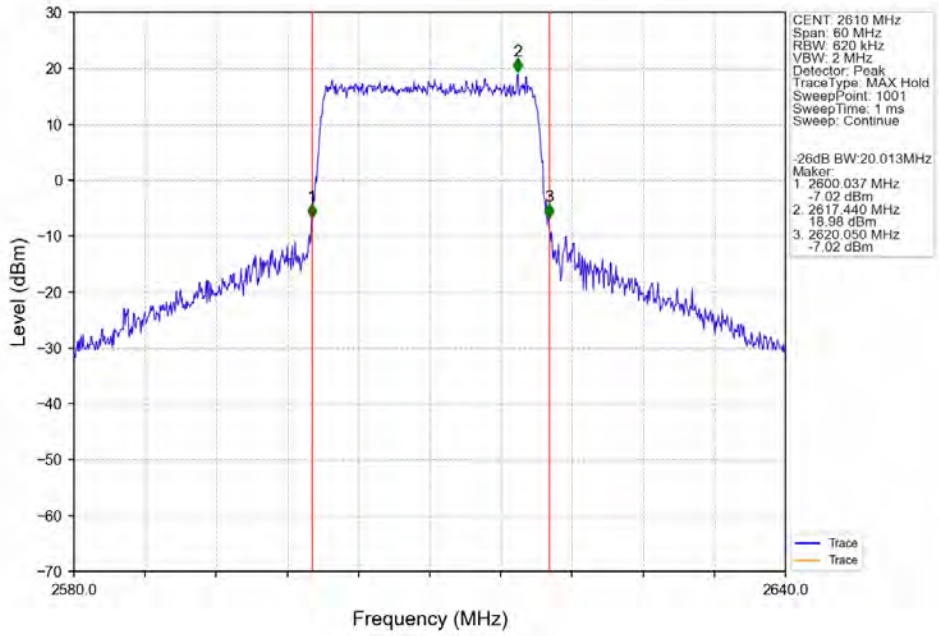
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



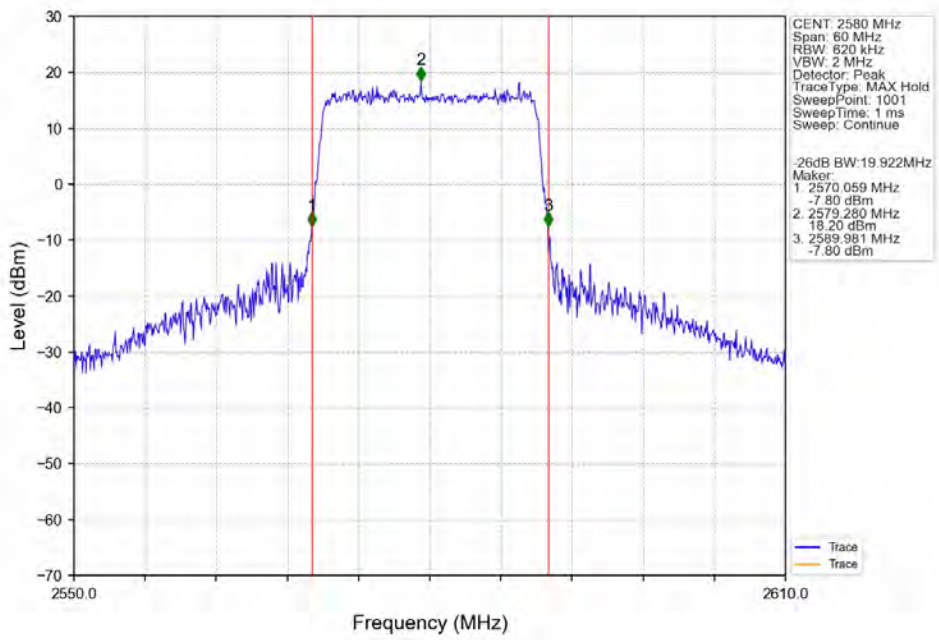
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



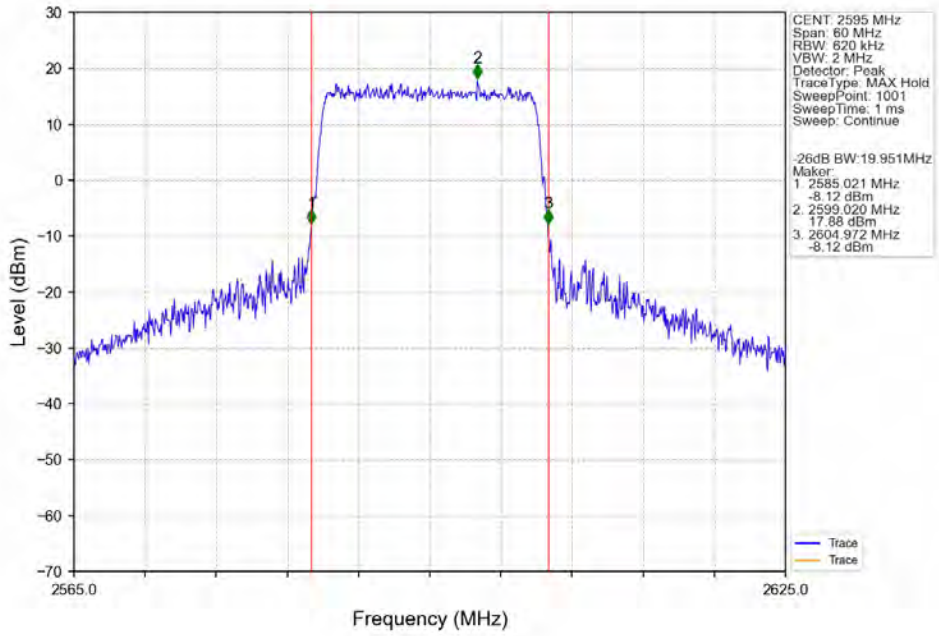
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



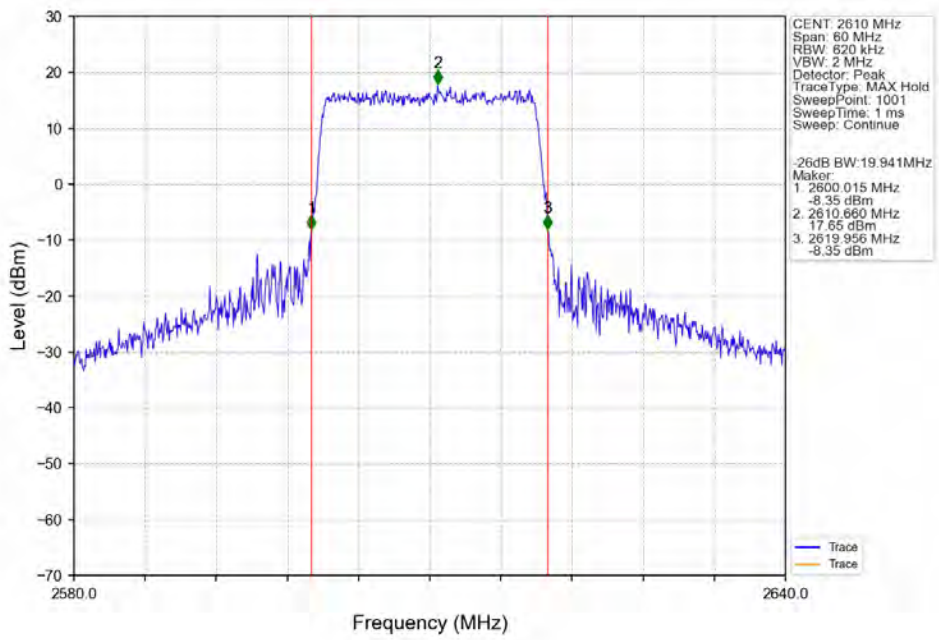
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	7.01	<=13	Pass
	2595	25	0	7.09	<=13	Pass
	2617.5	25	0	7.22	<=13	Pass
16QAM	2572.5	25	0	7.77	<=13	Pass
	2595	25	0	7.91	<=13	Pass
	2617.5	25	0	7.96	<=13	Pass
64QAM	2572.5	25	0	8.17	<=13	Pass
	2595	25	0	8.26	<=13	Pass
	2617.5	25	0	8.44	<=13	Pass

4.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	7.03	<=13	Pass
	2595	50	0	7.27	<=13	Pass
	2615	50	0	7.39	<=13	Pass
16QAM	2575	50	0	7.89	<=13	Pass
	2595	50	0	8.04	<=13	Pass
	2615	50	0	8.04	<=13	Pass
64QAM	2575	50	0	8.16	<=13	Pass
	2595	50	0	8.25	<=13	Pass
	2615	50	0	8.36	<=13	Pass

4.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	7.04	<=13	Pass
	2595	75	0	6.72	<=13	Pass
	2612.5	75	0	7.12	<=13	Pass
16QAM	2577.5	75	0	7.78	<=13	Pass
	2595	75	0	7.65	<=13	Pass
	2612.5	75	0	7.69	<=13	Pass
64QAM	2577.5	75	0	8.21	<=13	Pass
	2595	75	0	8.37	<=13	Pass
	2612.5	75	0	8.11	<=13	Pass

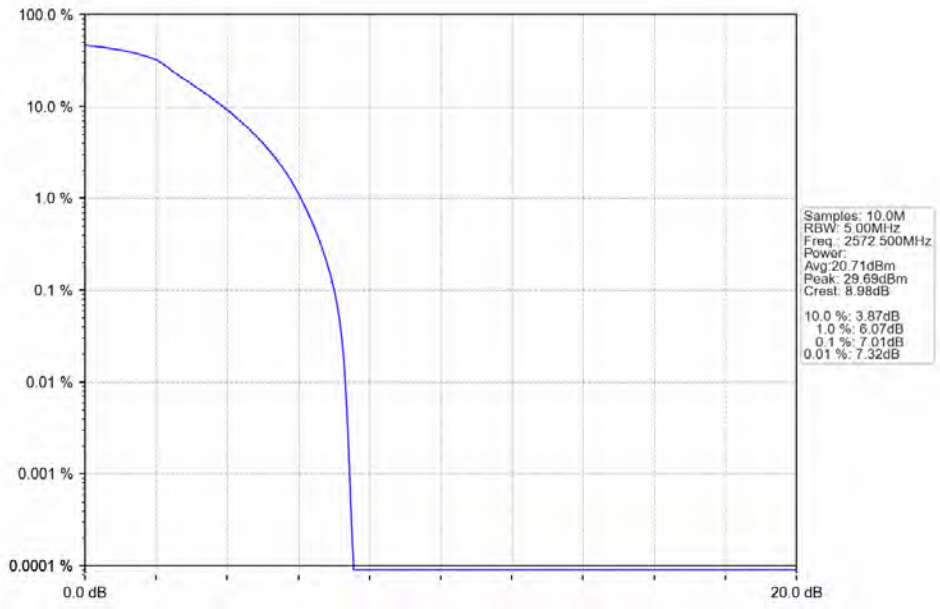
4.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	7.28	<=13	Pass
	2595	100	0	7.44	<=13	Pass
	2610	100	0	7.40	<=13	Pass
16QAM	2580	100	0	7.84	<=13	Pass
	2595	100	0	7.43	<=13	Pass
	2610	100	0	7.88	<=13	Pass
64QAM	2580	100	0	7.97	<=13	Pass
	2595	100	0	8.07	<=13	Pass
	2610	100	0	8.25	<=13	Pass

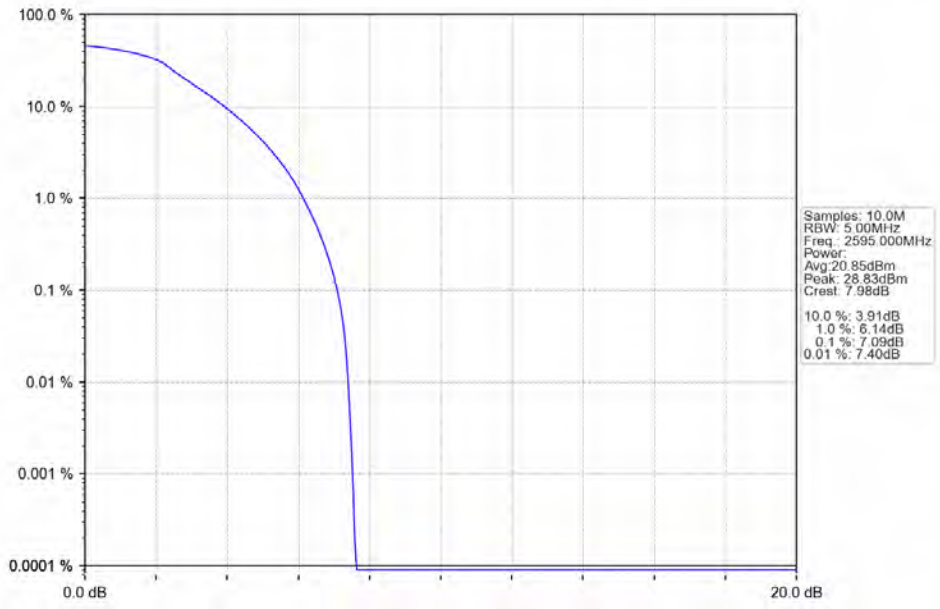
4.2 Test Graph

4.2.1 B38_5MHz

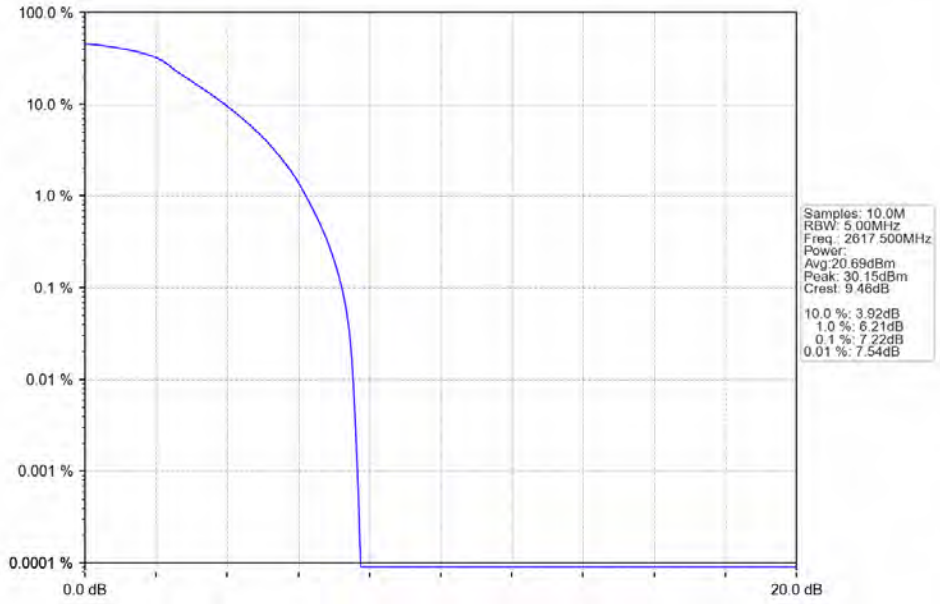
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



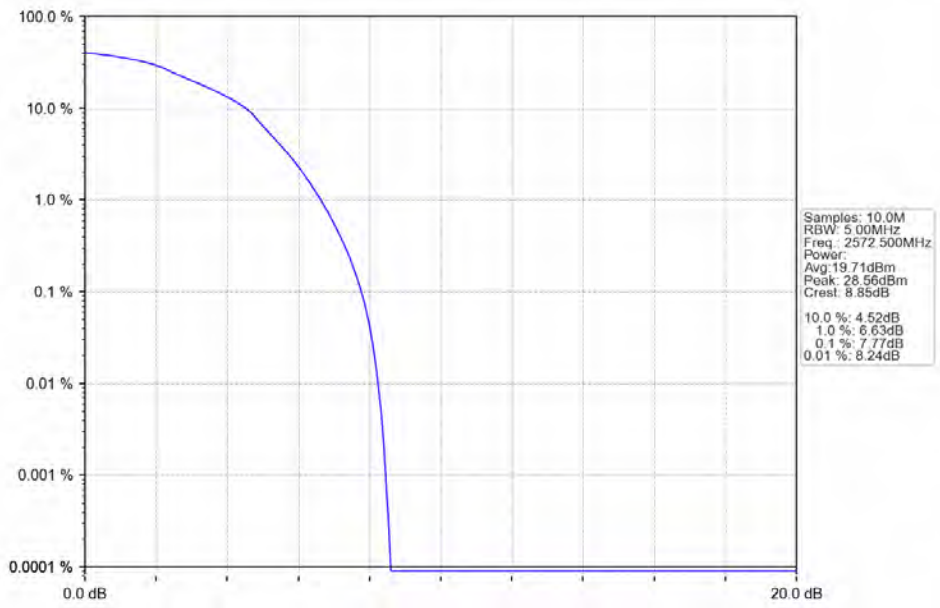
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



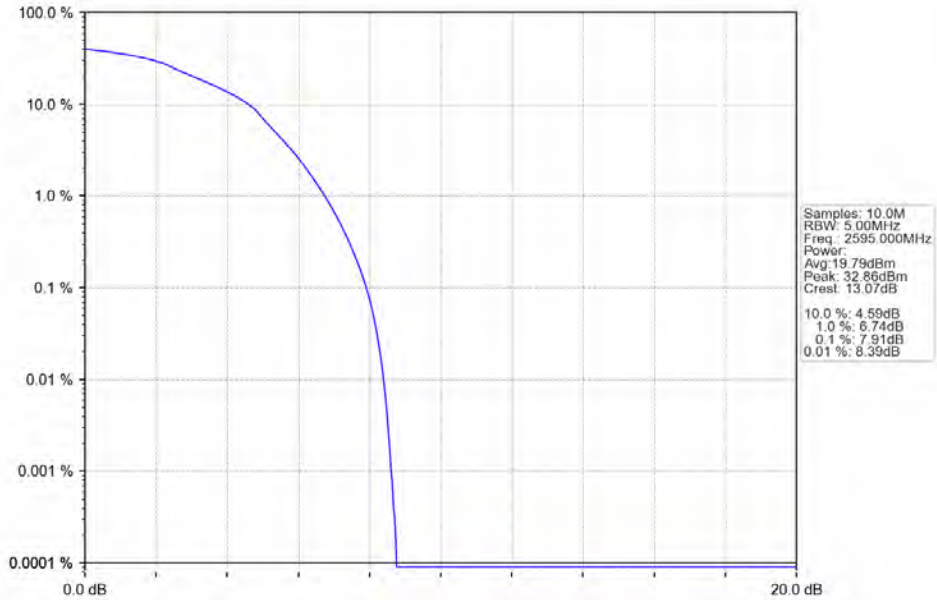
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



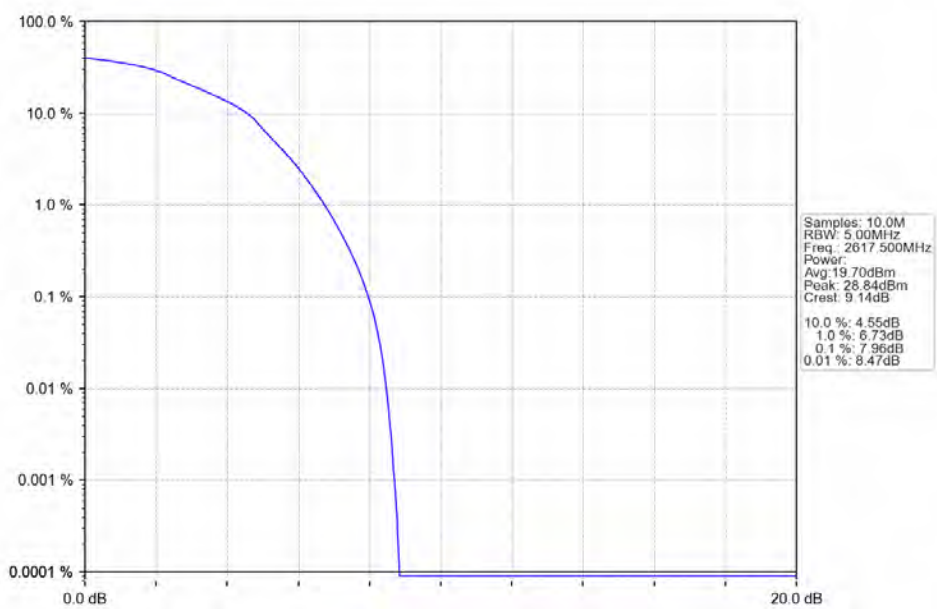
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



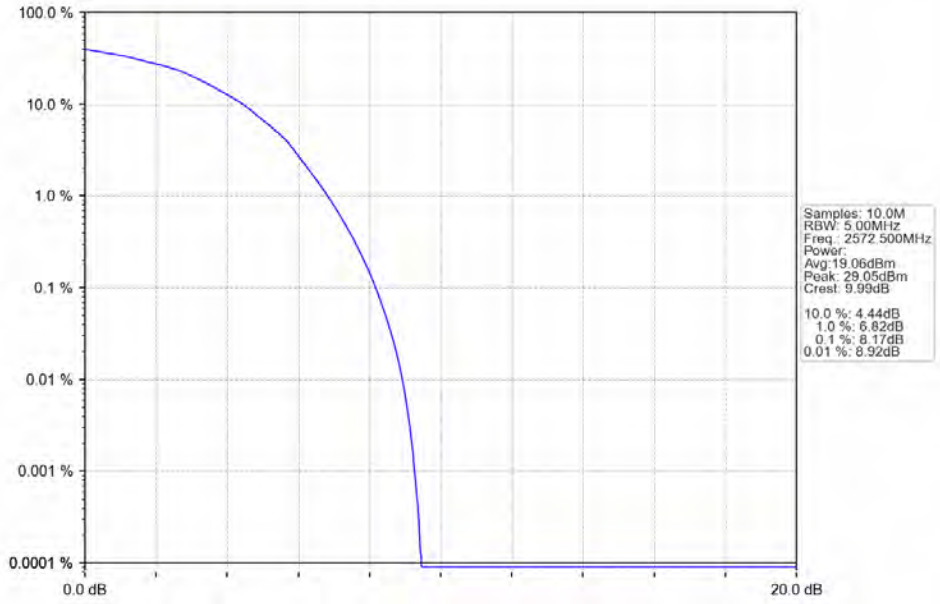
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



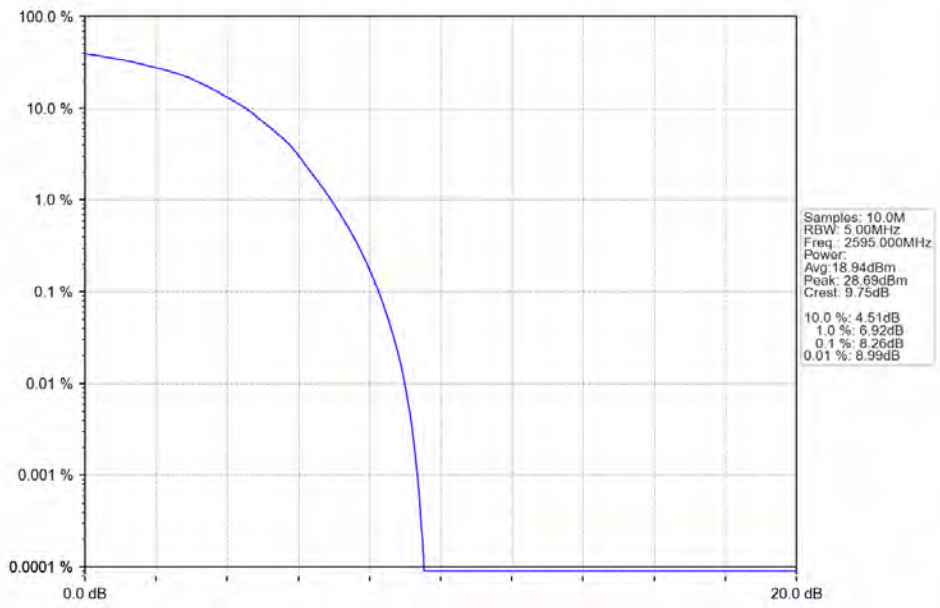
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



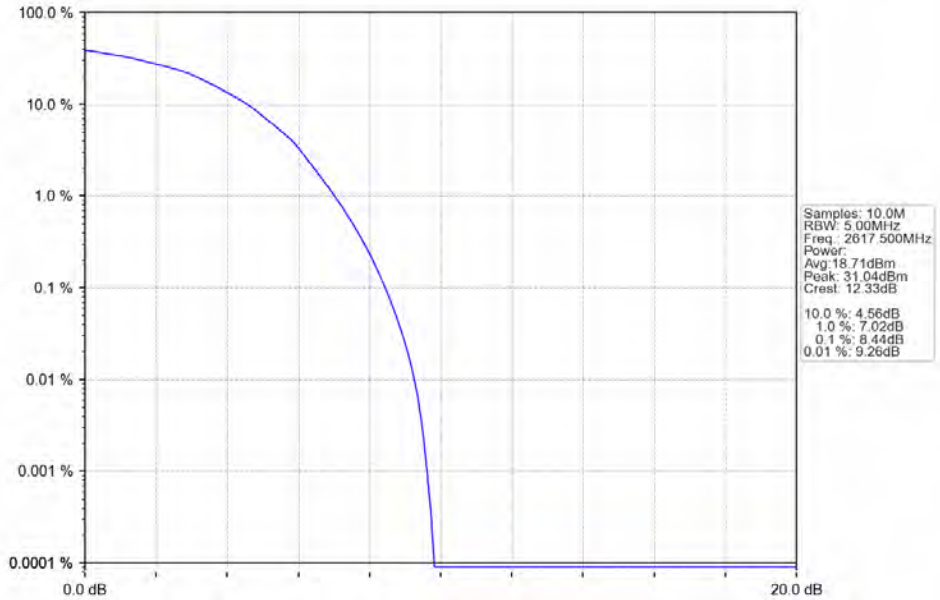
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



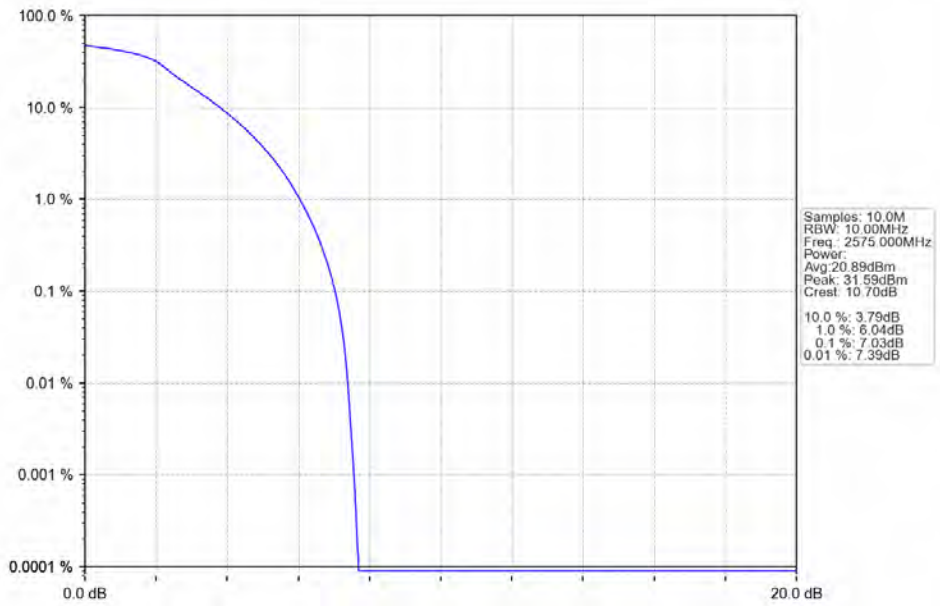
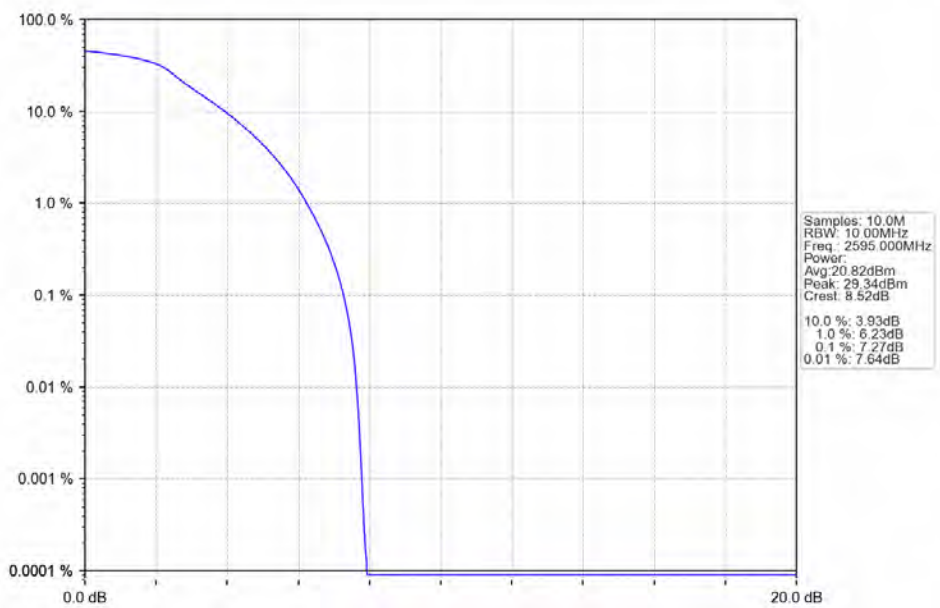
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



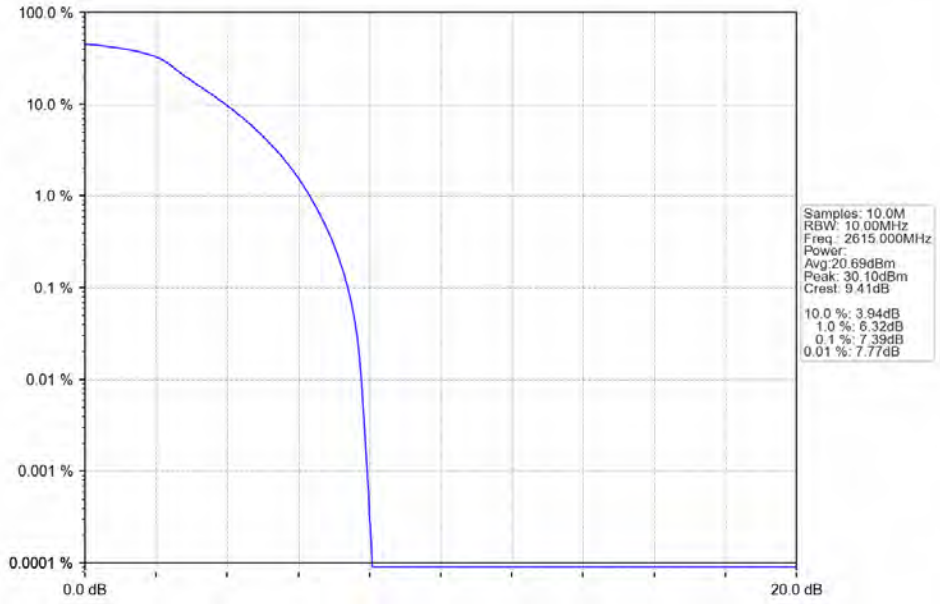
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



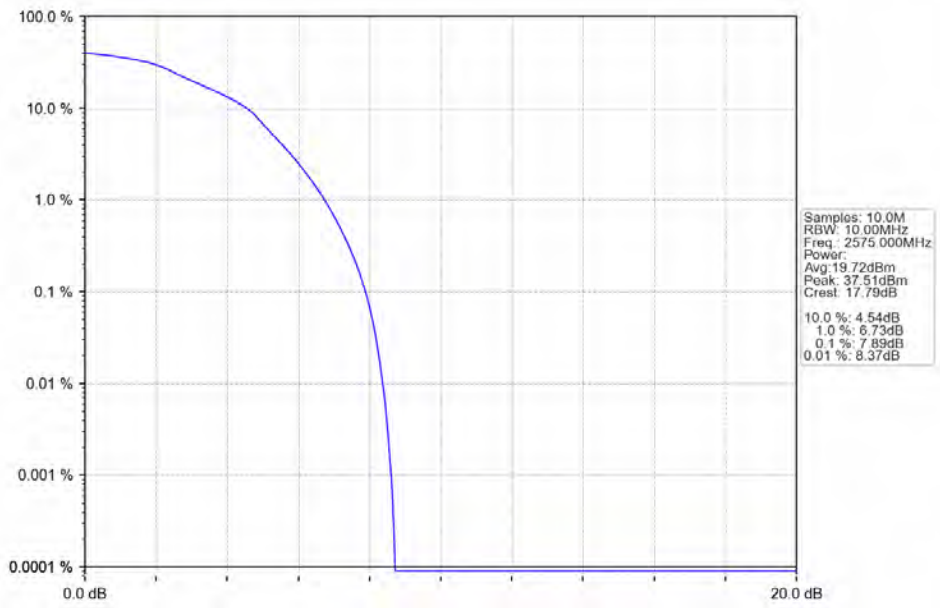
4.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV


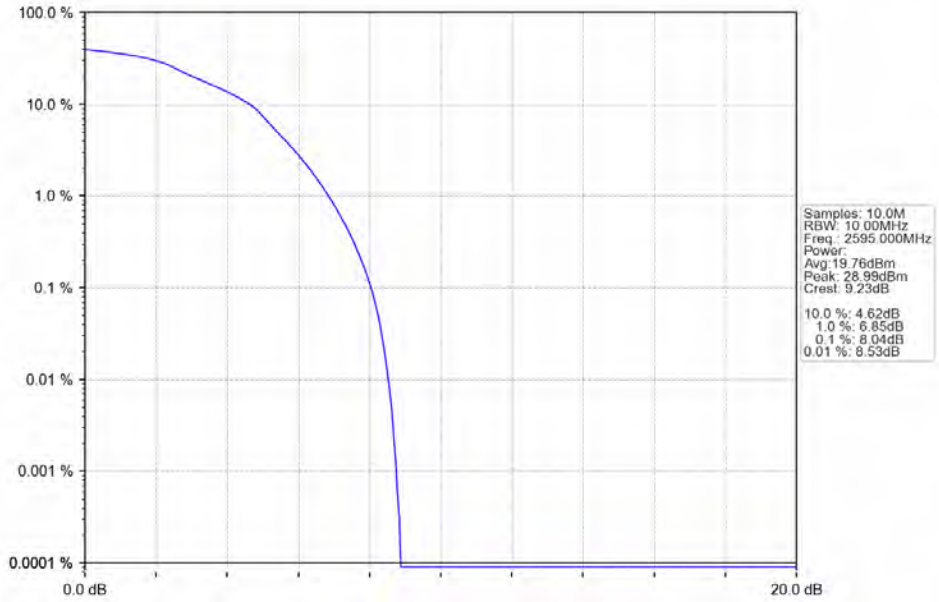
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



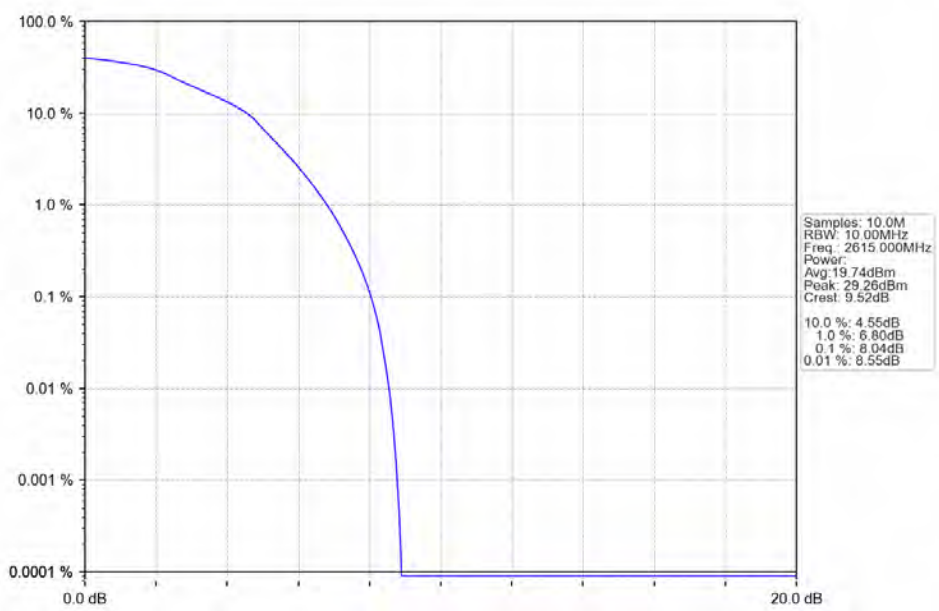
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



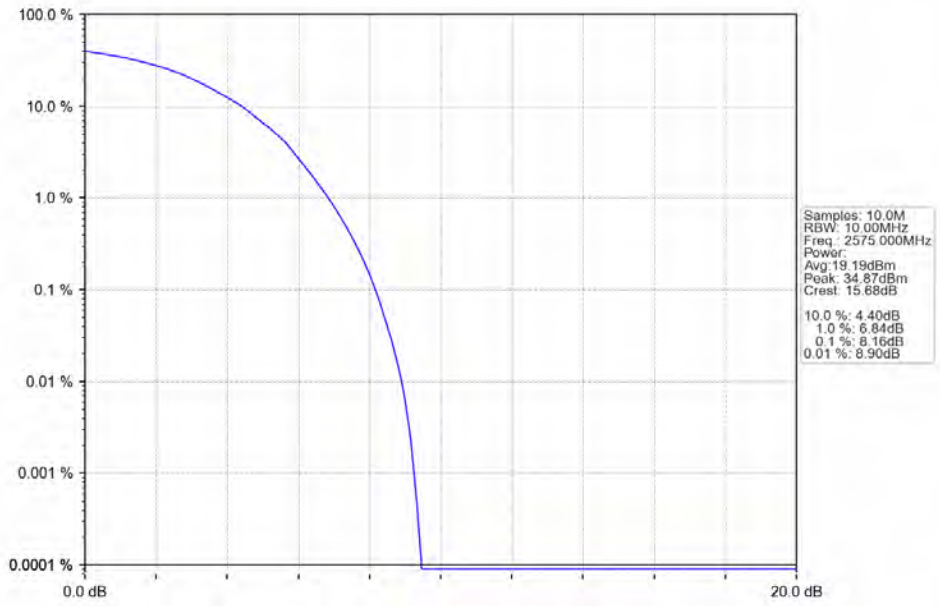
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



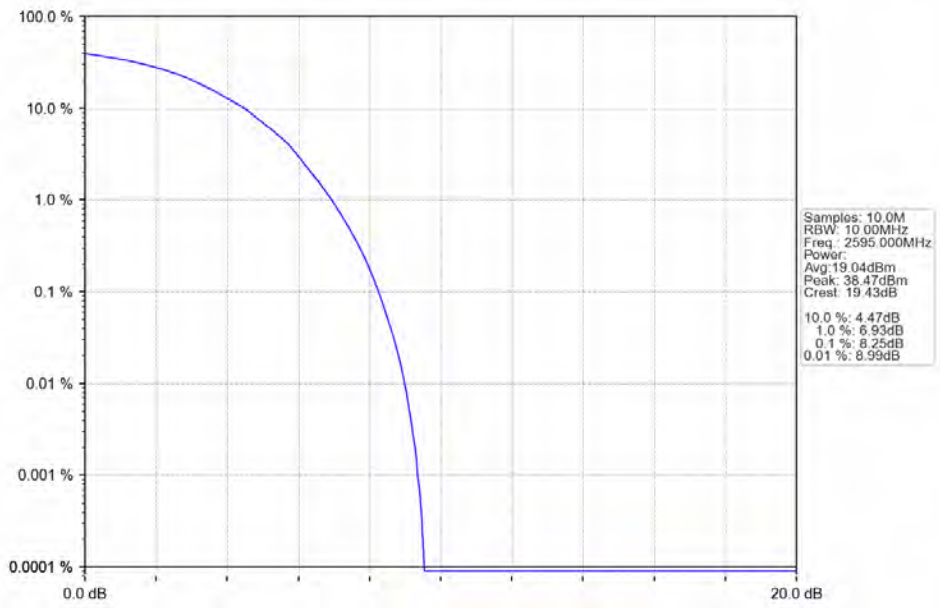
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



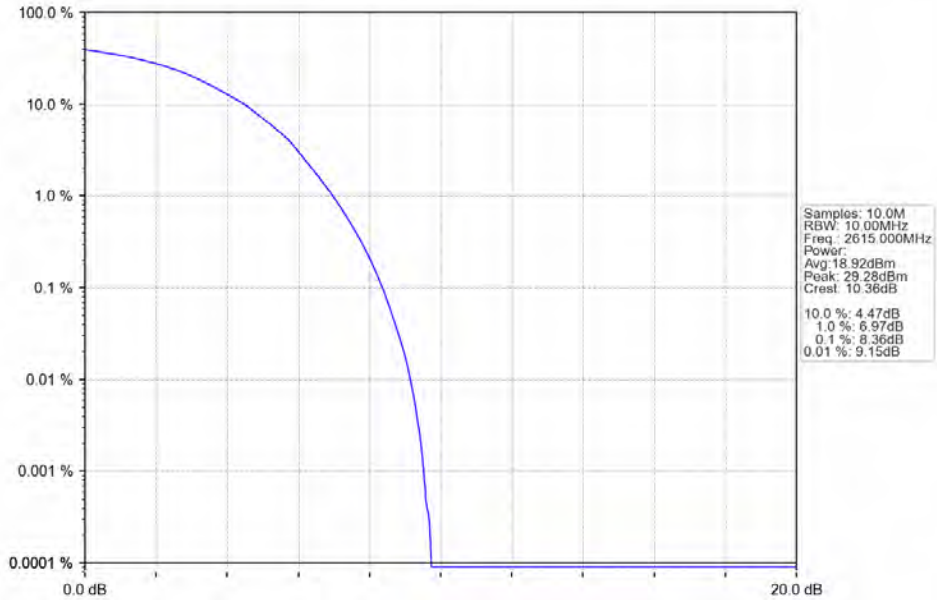
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



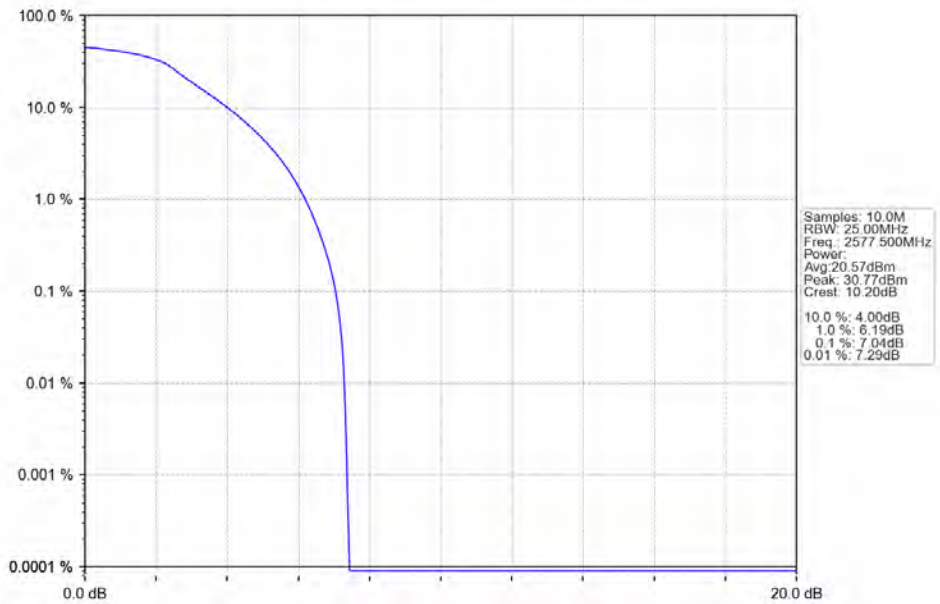
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV

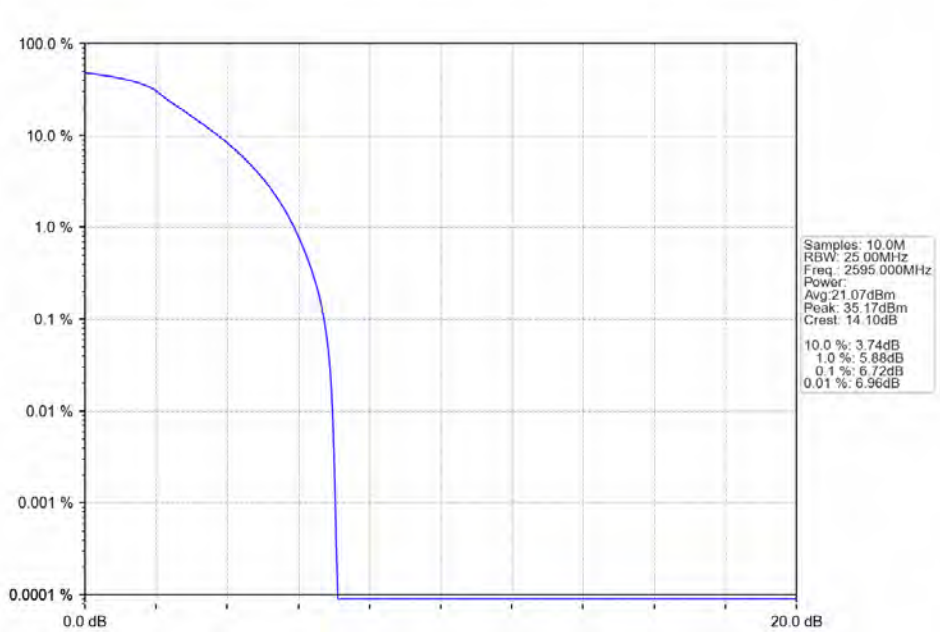


Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



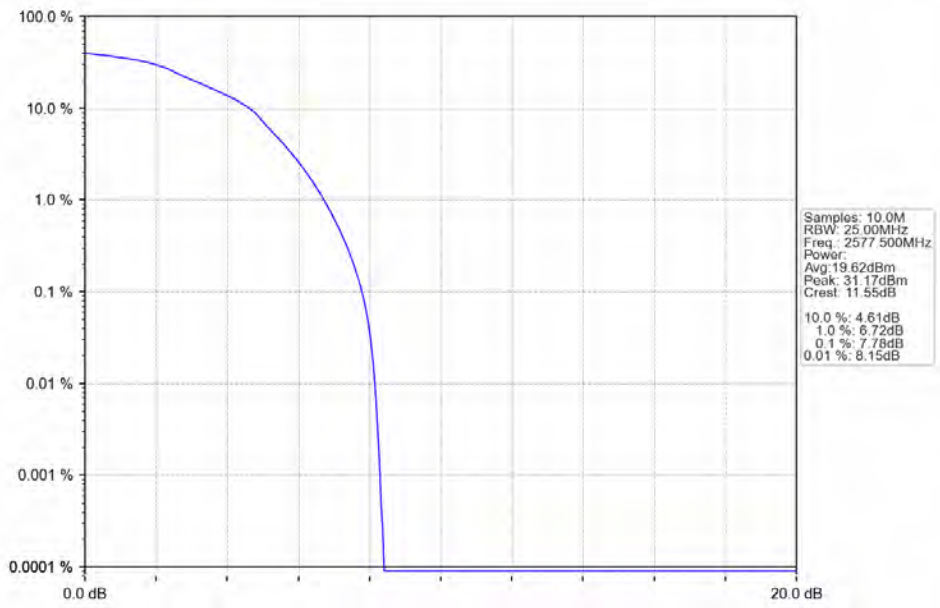
4.2.3 B38_15MHz

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV


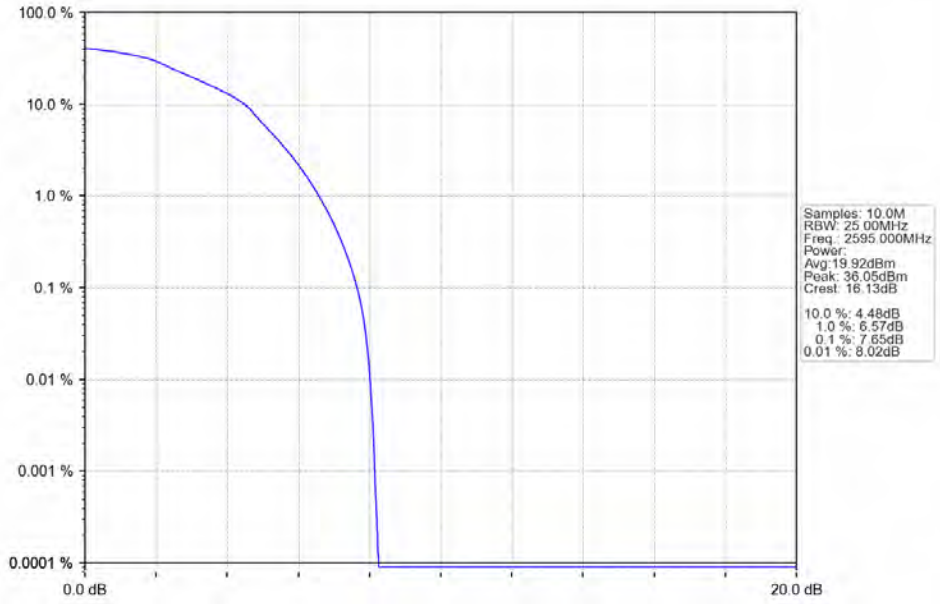
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV

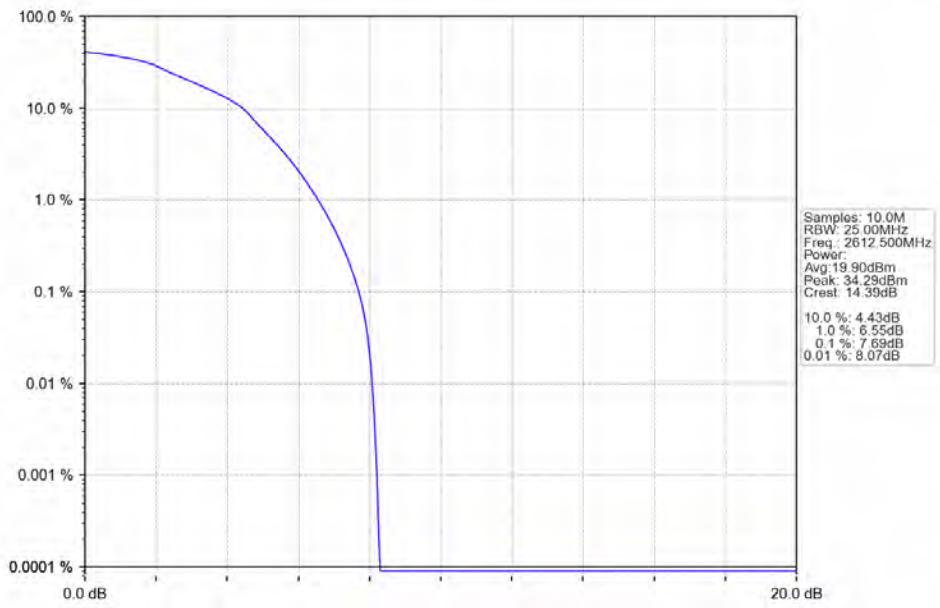
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



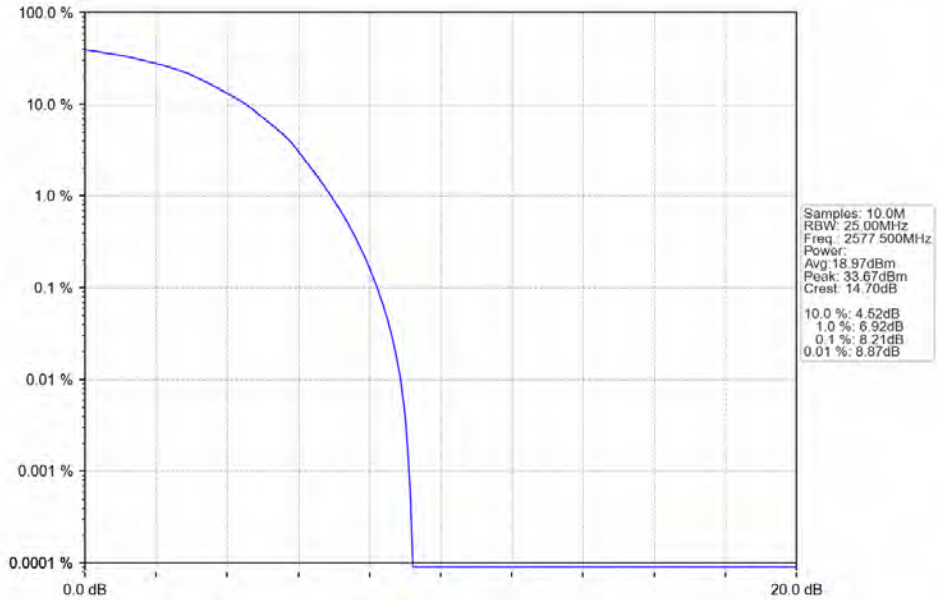
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



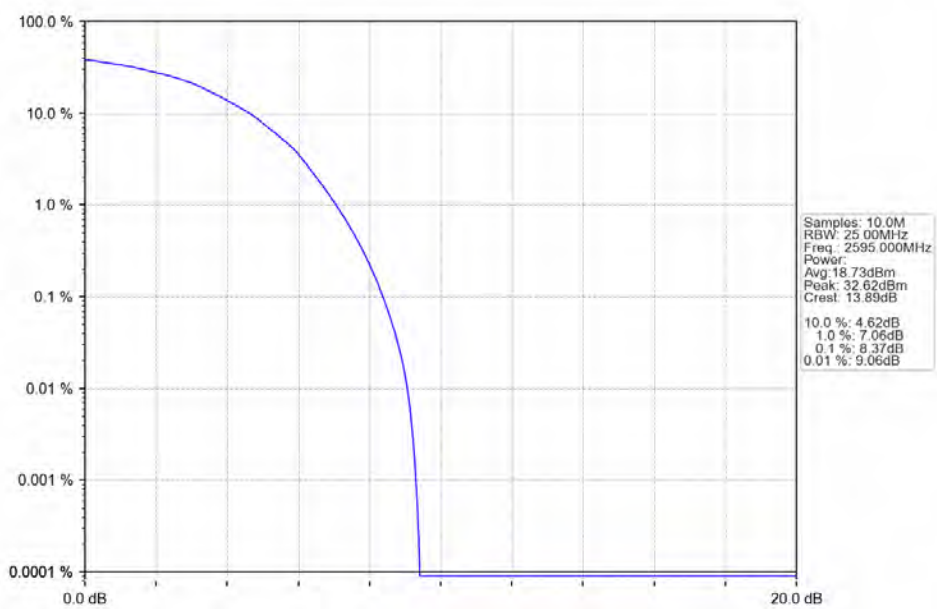
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



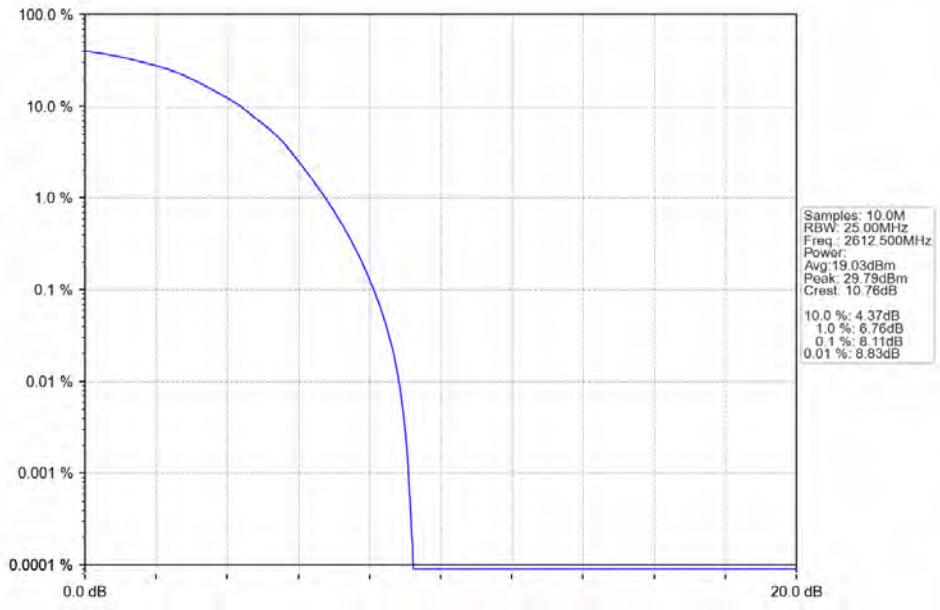
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



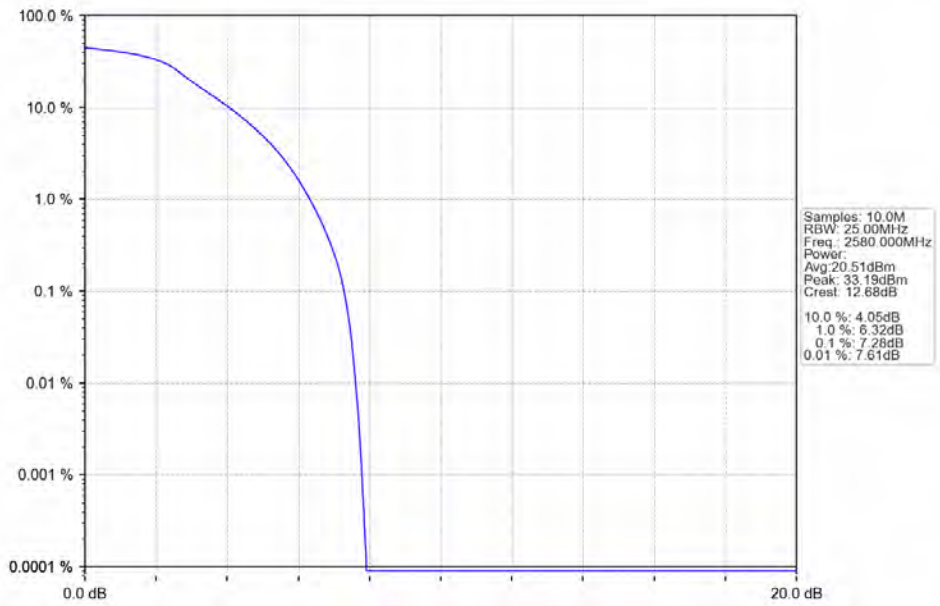
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV

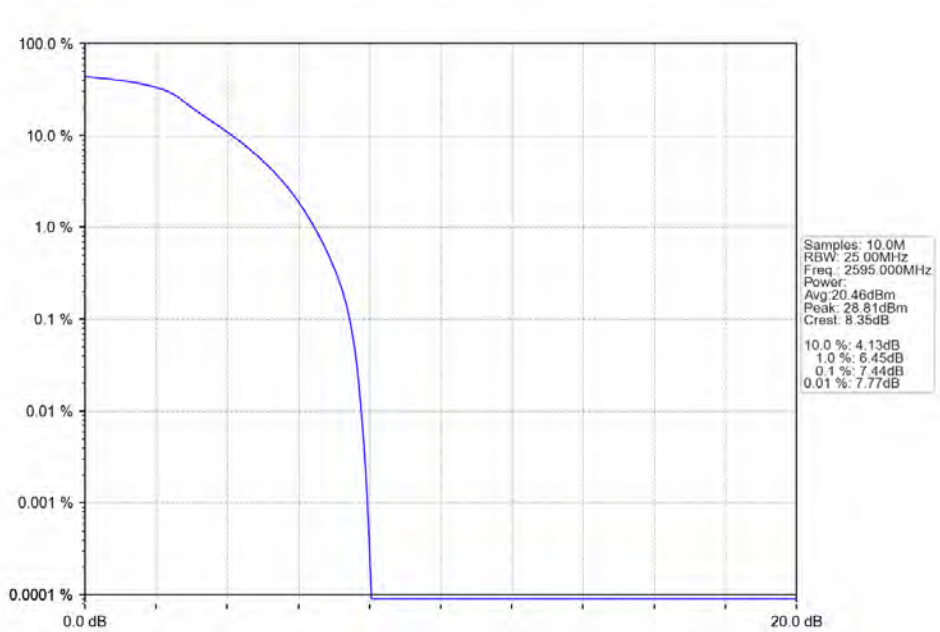


Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV

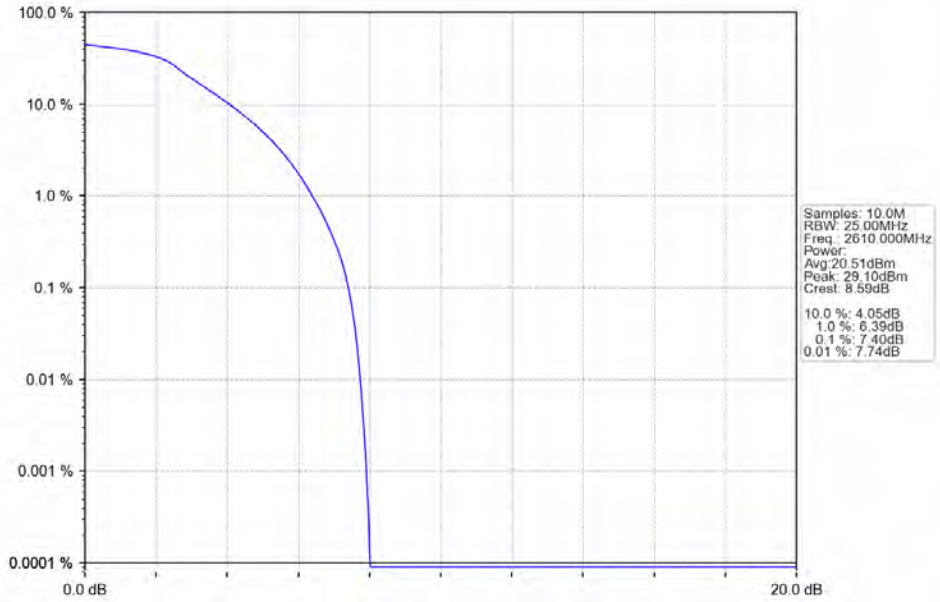


4.2.4 B38_20MHz

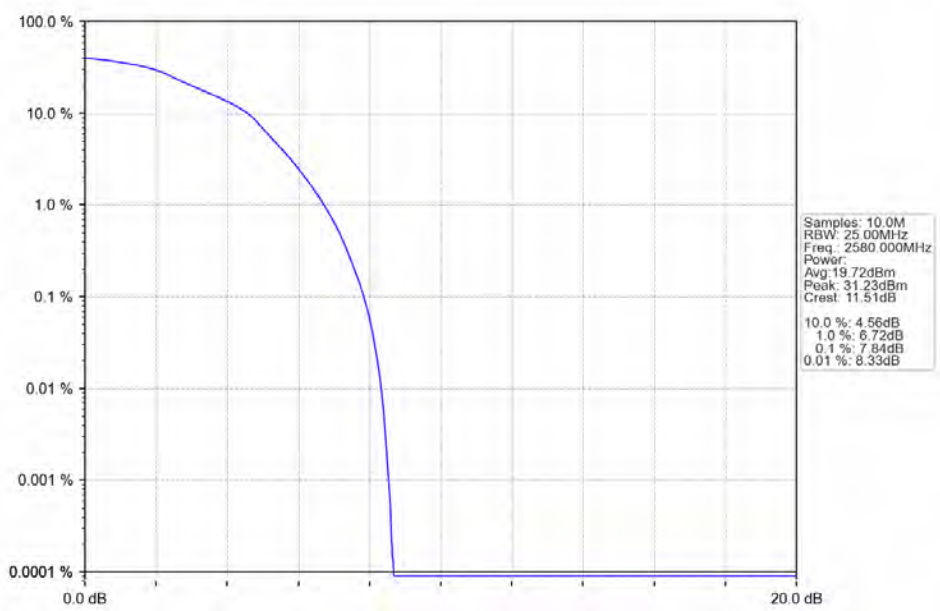
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV


Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV


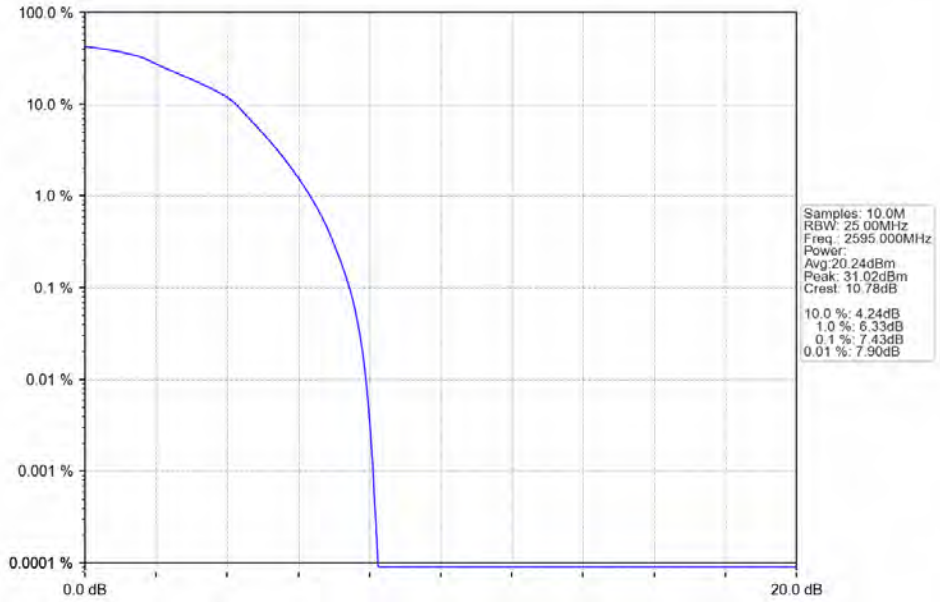
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



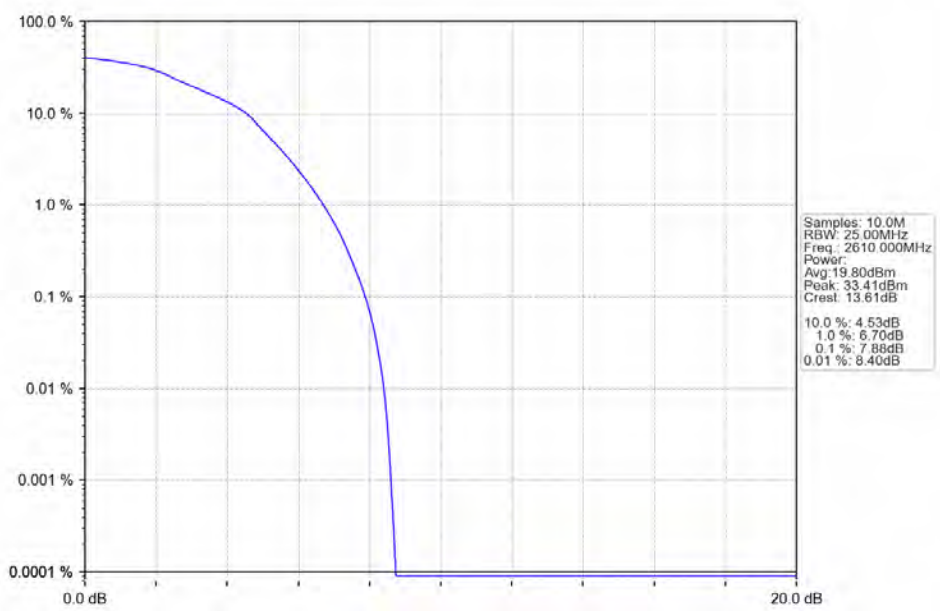
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



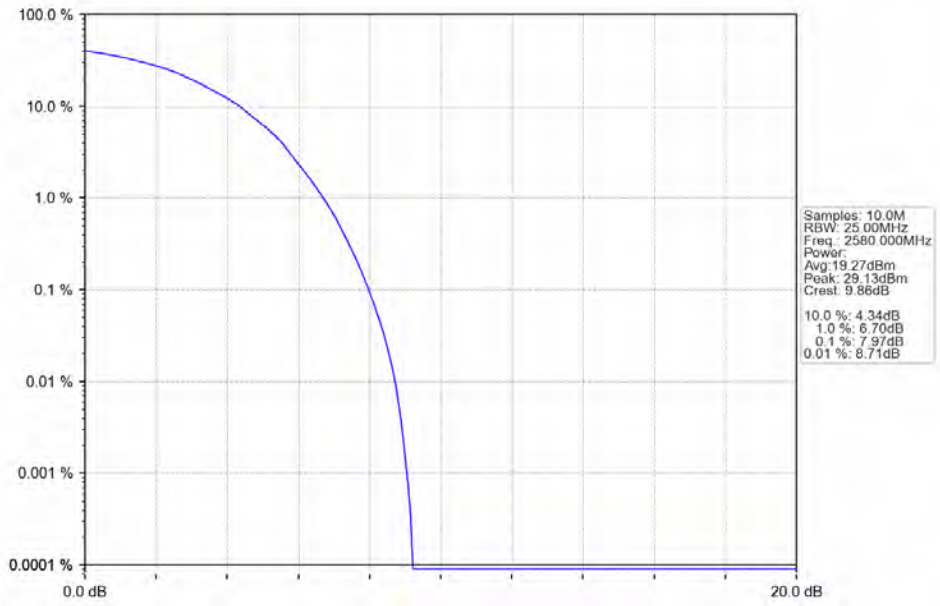
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



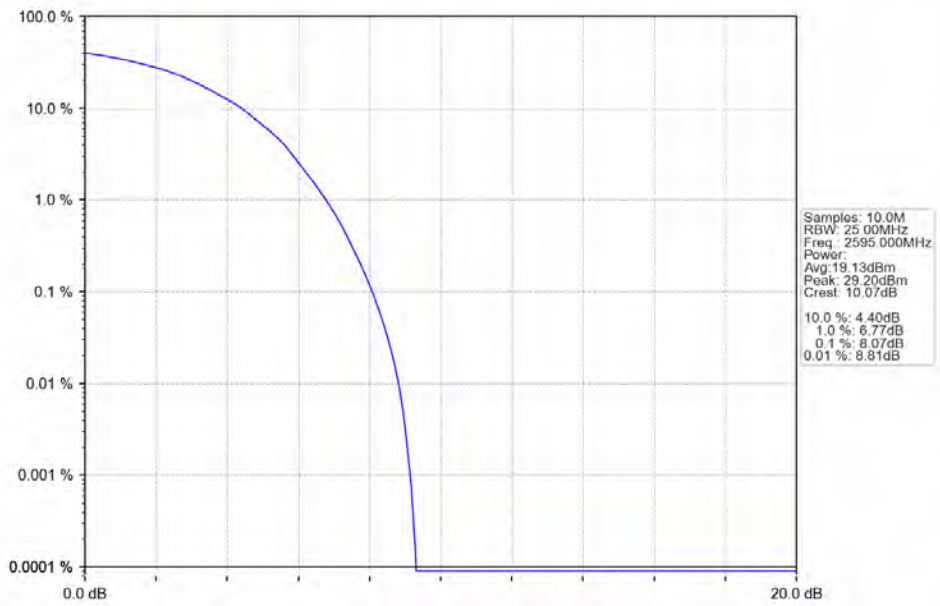
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



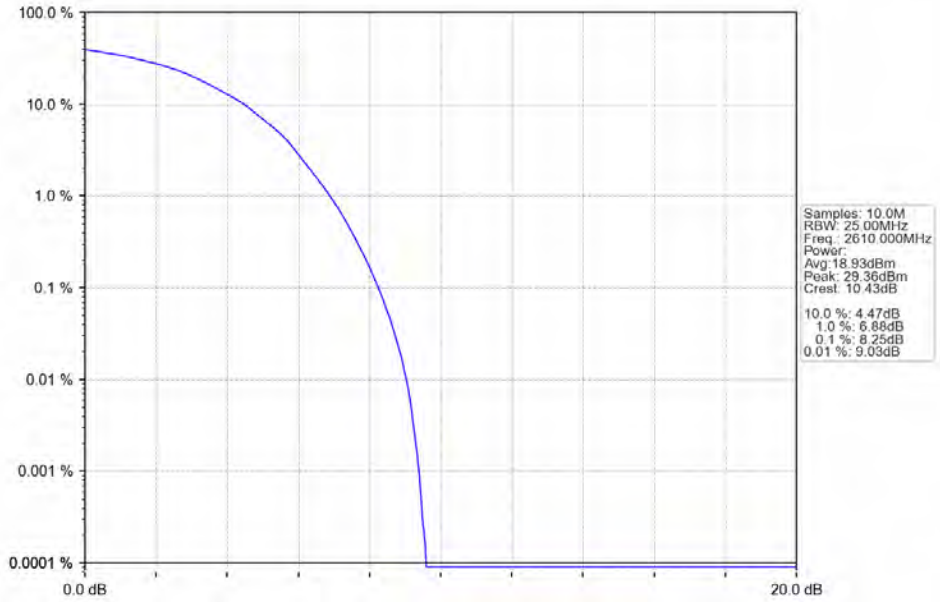
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	2572.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2617.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	2575	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2615	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
64QAM	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

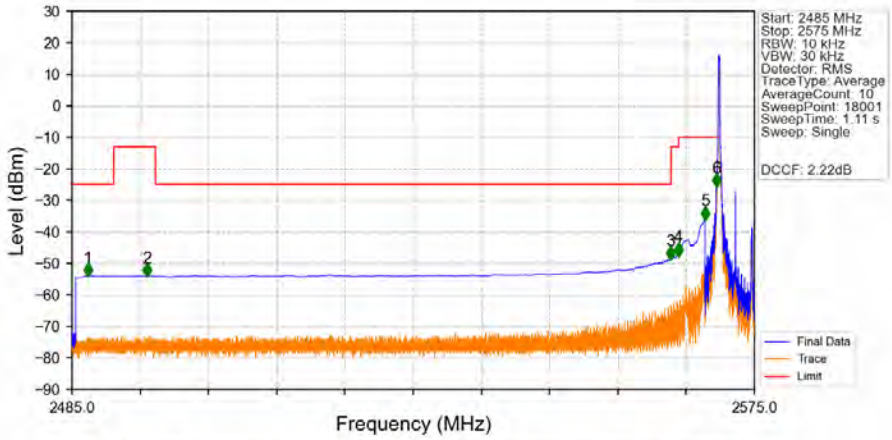
5.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
64QAM	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

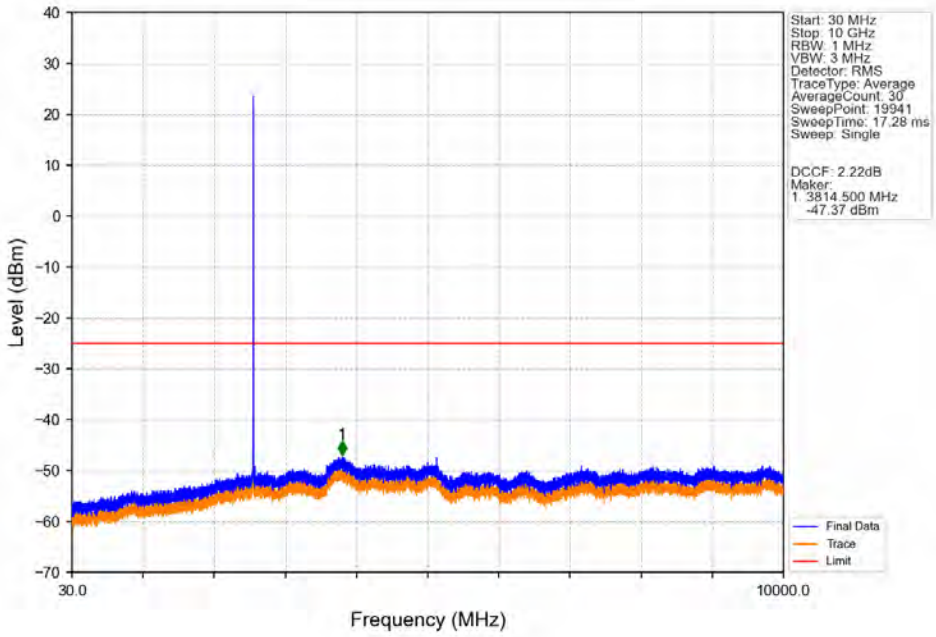
5.2.1 B38_5MHz

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

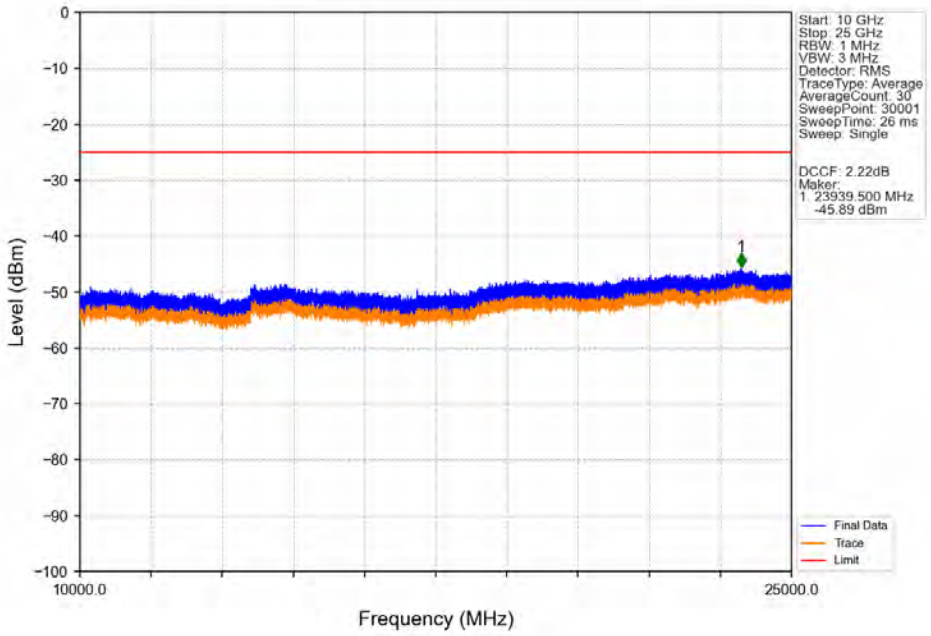


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.085	-54.01	-25	Pass
2490.5	2496	1	CHP	2	2494.935	-54.00	-13	Pass
2496	2564	1	CHP	3	2563.890	-48.56	-25	Pass
2564	2565	1	CHP	4	2564.995	-47.42	-13	Pass
2565	2569	1	CHP	5	2568.500	-35.89	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-25.58	-10	Pass
2570	2575	0.02	CHP	/	/	/	/	/

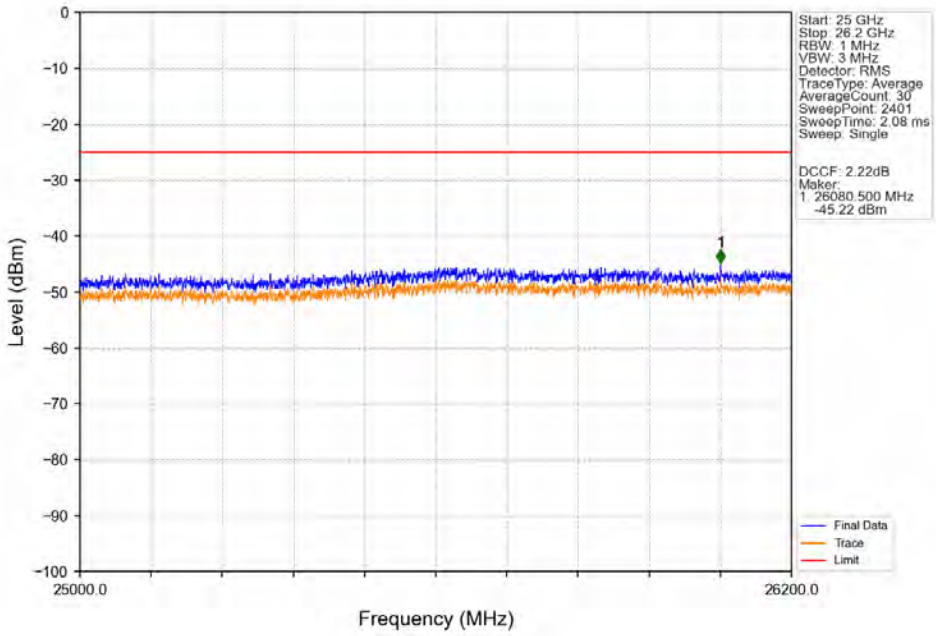
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



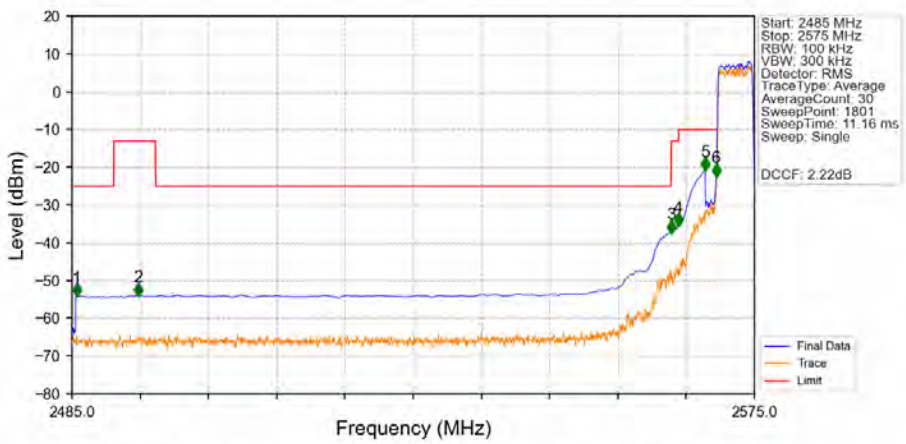
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

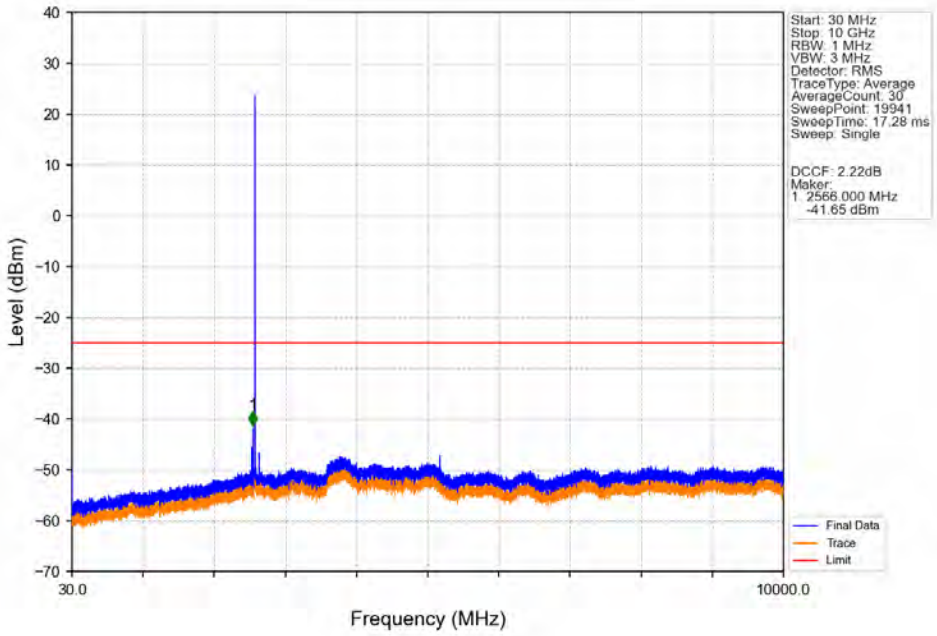


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

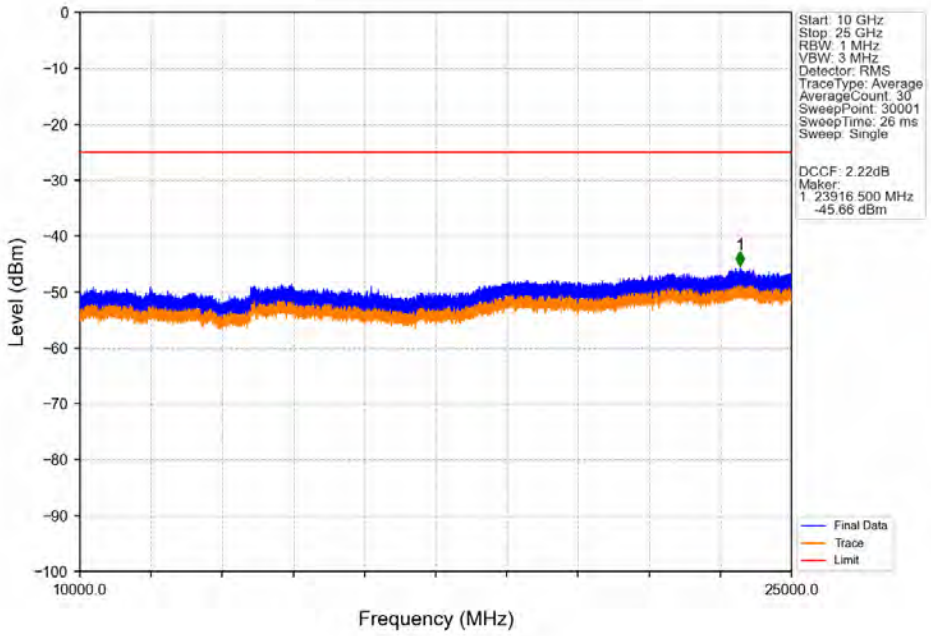


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.600	-54.07	-25	Pass
2490.5	2496	1	CHP	2	2493.700	-53.91	-13	Pass
2496	2564	1	CHP	3	2564.000	-37.26	-25	Pass
2564	2565	1	CHP	4	2565.000	-35.40	-13	Pass
2565	2569	1	CHP	5	2568.500	-20.75	-10	Pass
2569	2570	0.103	CHP	6	2569.950	-22.31	-10	Pass
2570	2575	0.103	CHP	/	/	/	/	/

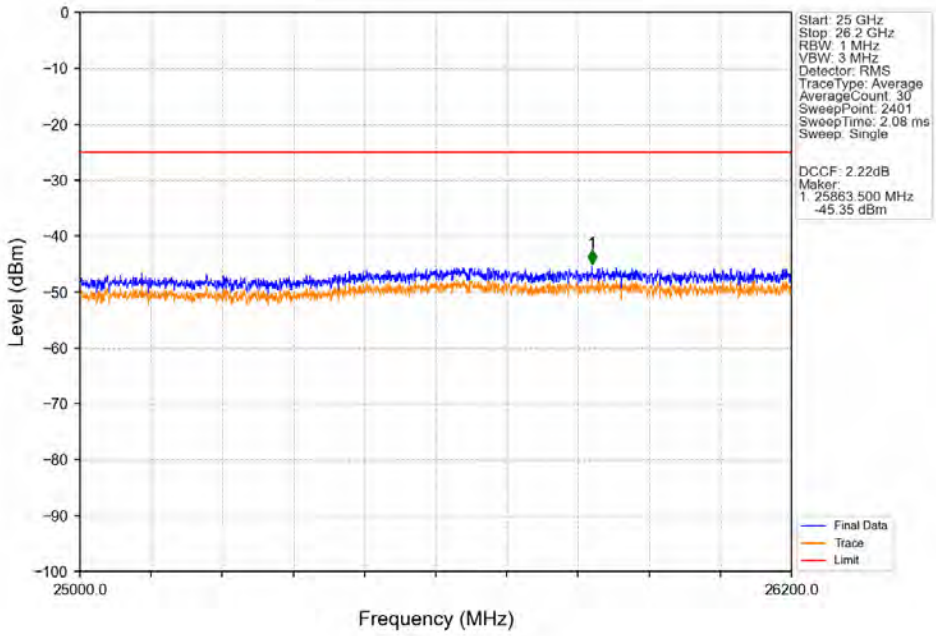
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



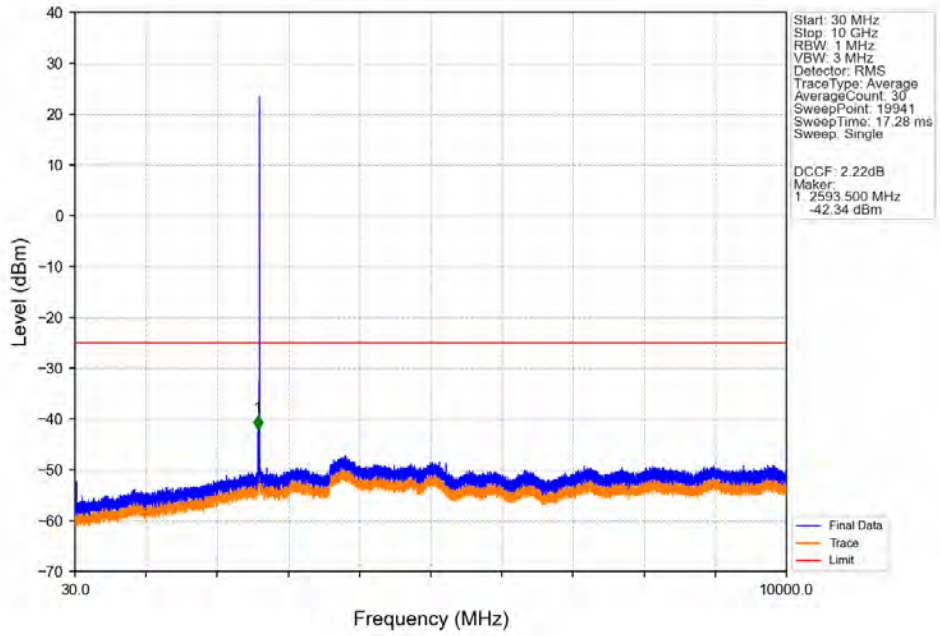
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



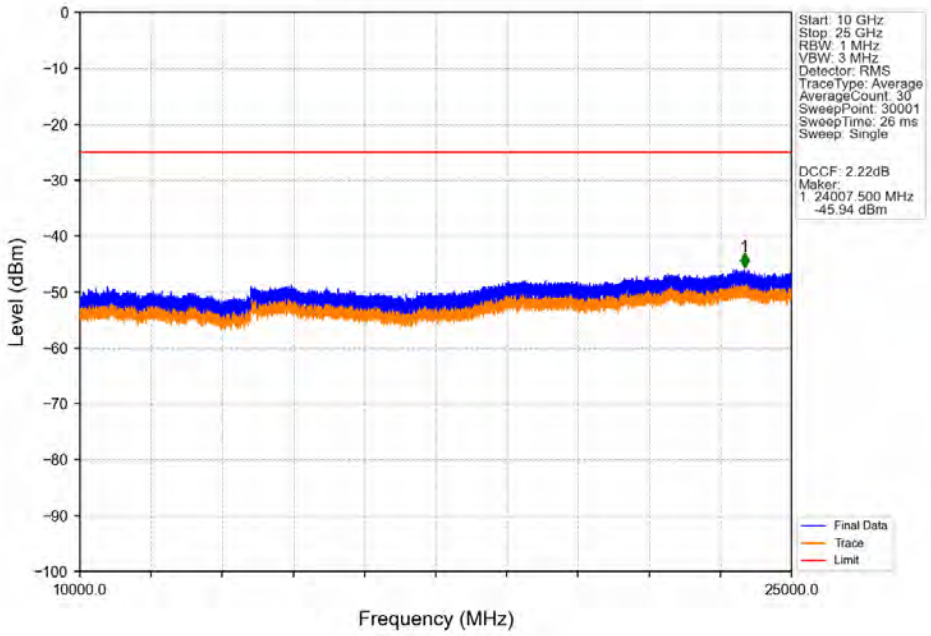
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



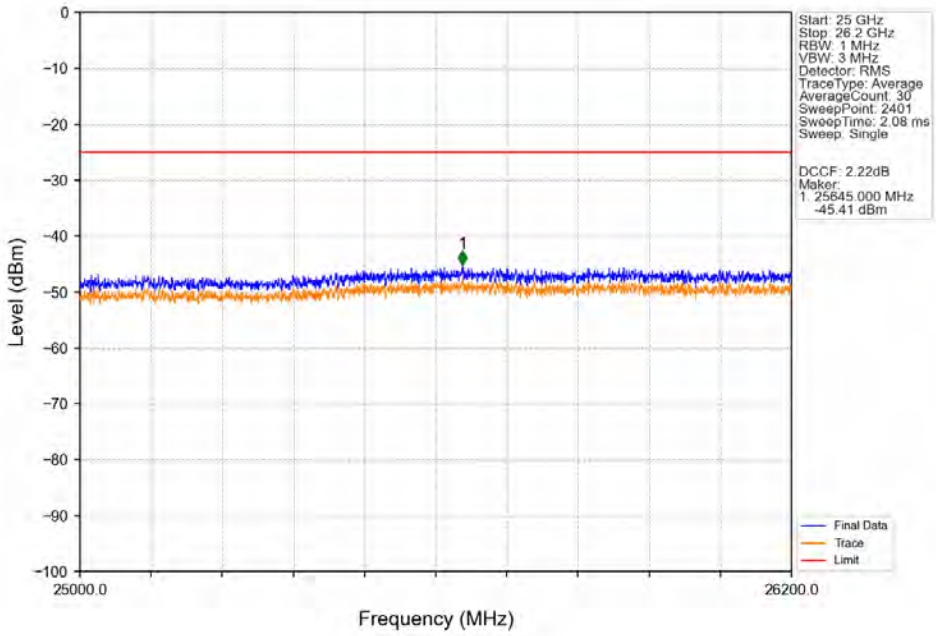
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



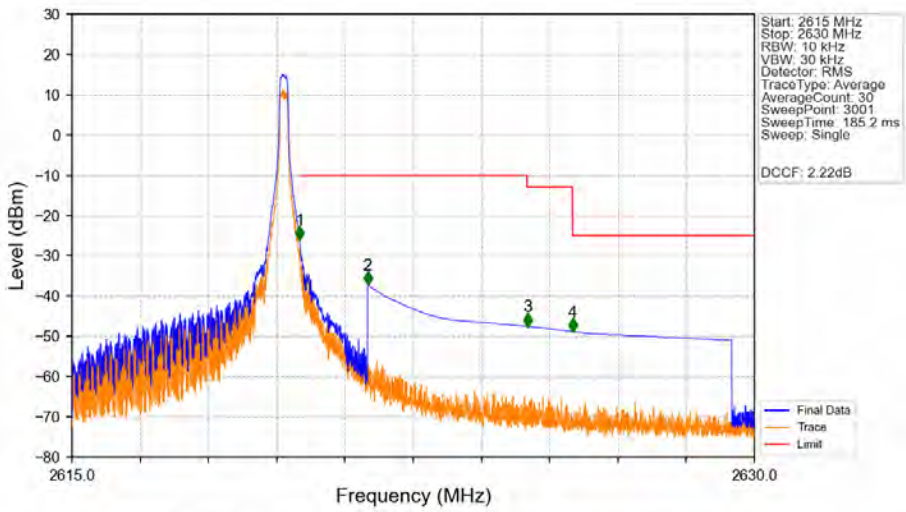
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

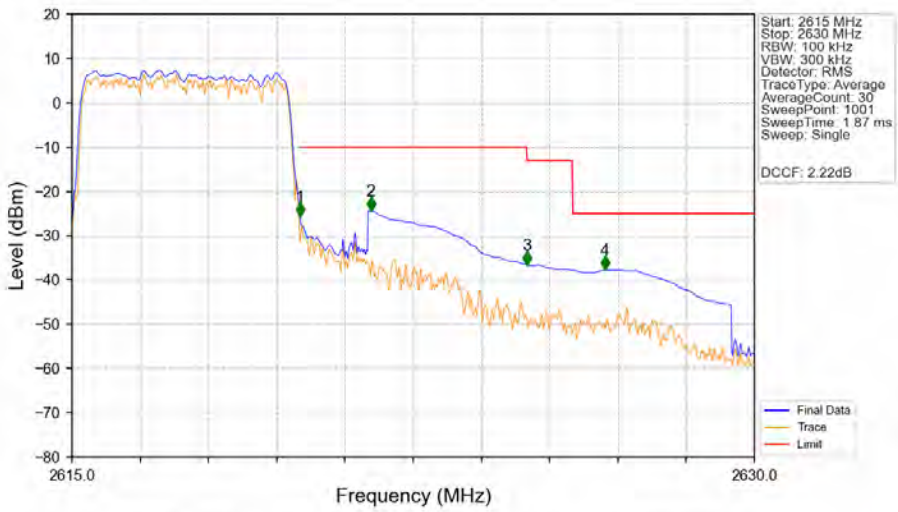


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



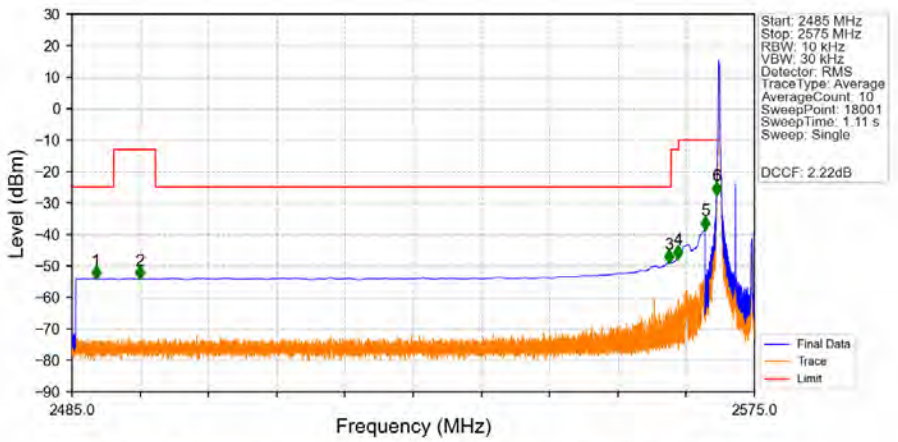
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-26.00	-10	Pass
2621	2625	1	CHP	2	2621.500	-37.17	-10	Pass
2625	2626	1	CHP	3	2625.015	-47.58	-13	Pass
2626	2630	1	CHP	4	2626.005	-48.91	-25	Pass

Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



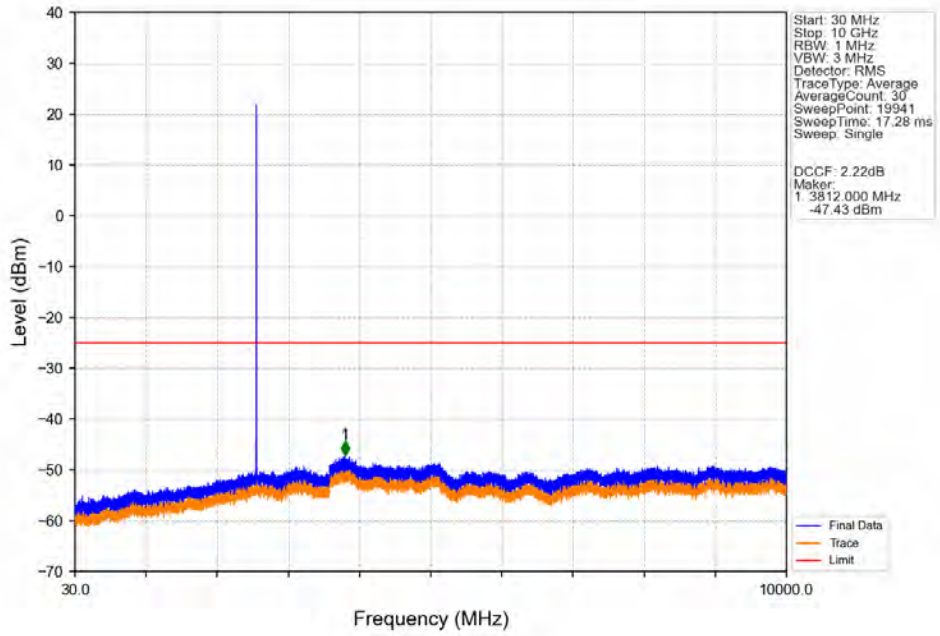
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.105	CHP	/	/	/	/	/
2620	2621	0.105	CHP	1	2620.010	-25.63	-10	Pass
2621	2625	1	CHP	2	2621.570	-24.40	-10	Pass
2625	2626	1	CHP	3	2625.005	-36.52	-13	Pass
2626	2630	1	CHP	4	2626.715	-37.73	-25	Pass

Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV

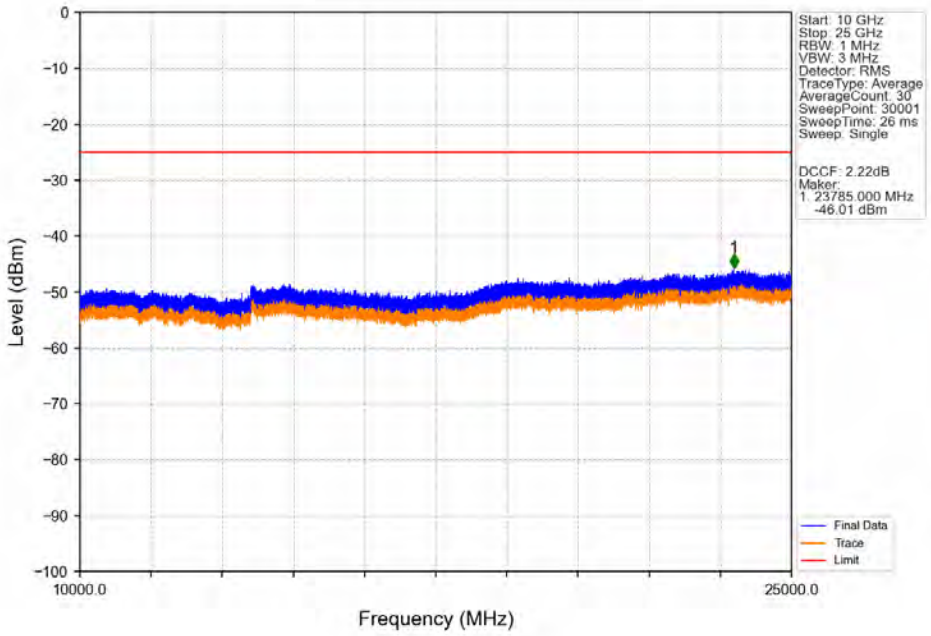


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.145	-54.01	-25	Pass
2490.5	2496	1	CHP	2	2493.910	-54.04	-13	Pass
2496	2564	1	CHP	3	2563.730	-48.92	-25	Pass
2564	2565	1	CHP	4	2564.945	-47.42	-13	Pass
2565	2569	1	CHP	5	2568.500	-38.21	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-27.22	-10	Pass
2570	2575	0.02	CHP	/	/	/	/	/

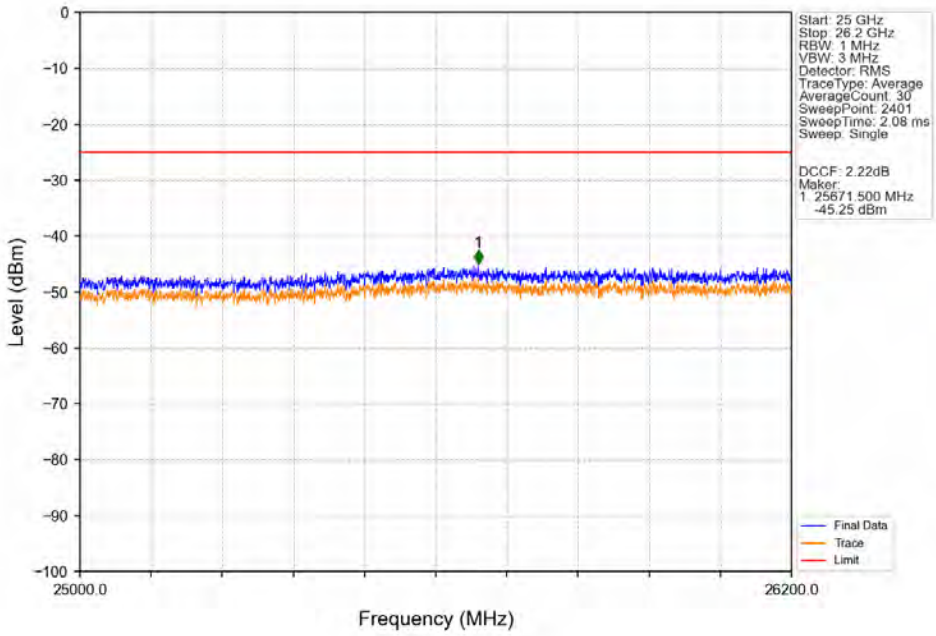
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



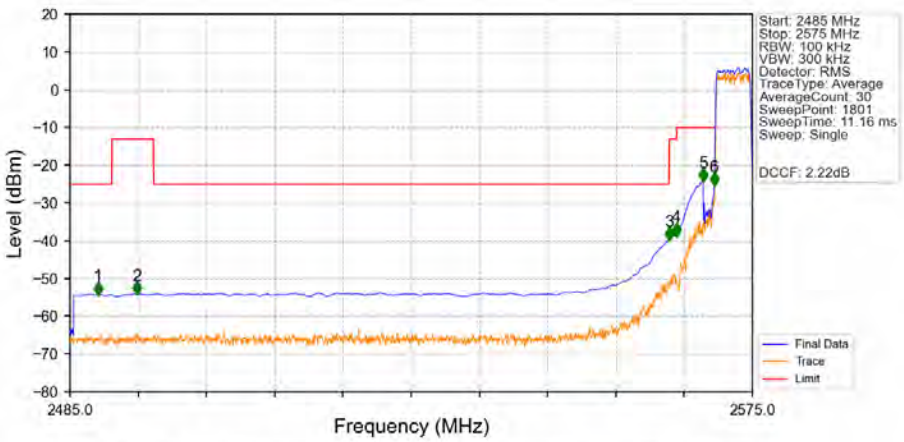
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV

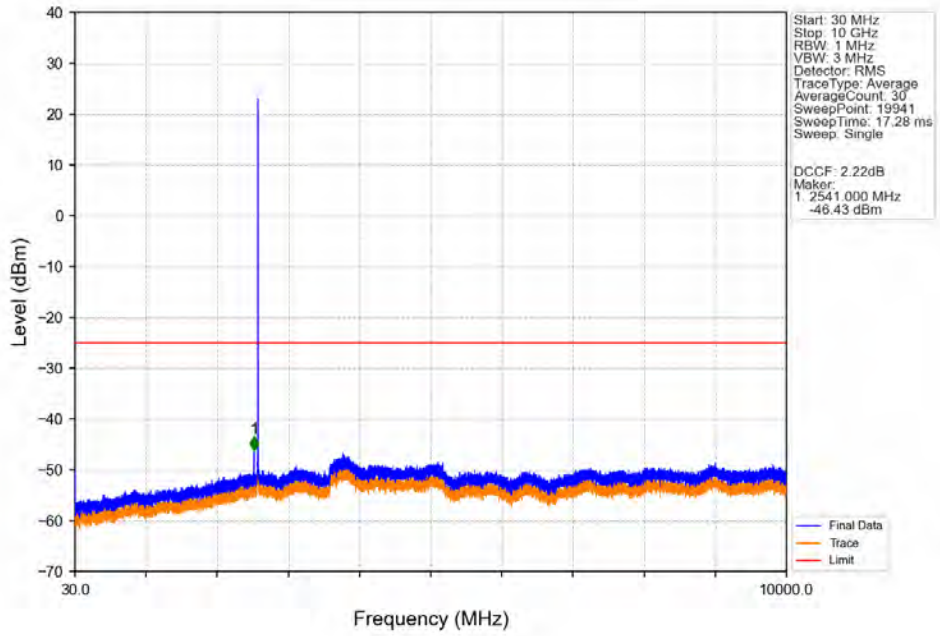


Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV

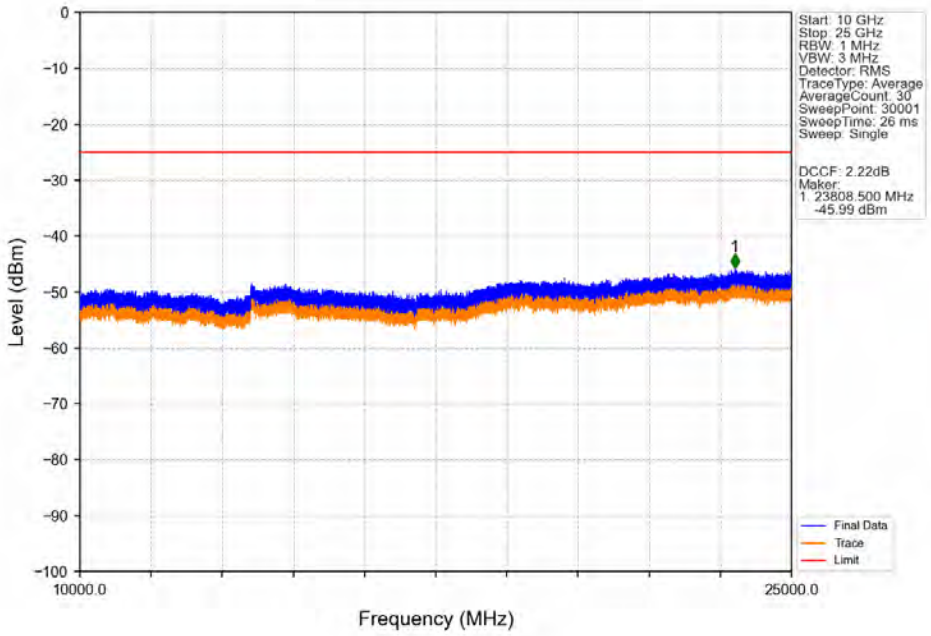


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.700	-54.18	-25	Pass
2490.5	2496	1	CHP	2	2493.800	-54.00	-13	Pass
2496	2564	1	CHP	3	2564.000	-39.76	-25	Pass
2564	2565	1	CHP	4	2565.000	-38.57	-13	Pass
2565	2569	1	CHP	5	2568.500	-24.13	-10	Pass
2569	2570	0.106	CHP	6	2569.950	-25.14	-10	Pass
2570	2575	0.106	CHP	/	/	/	/	/

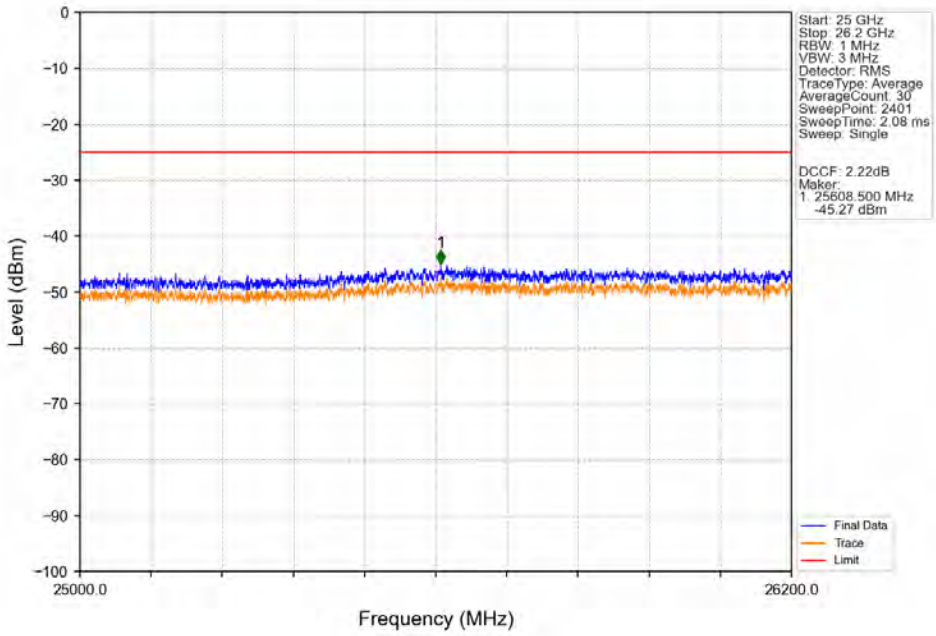
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



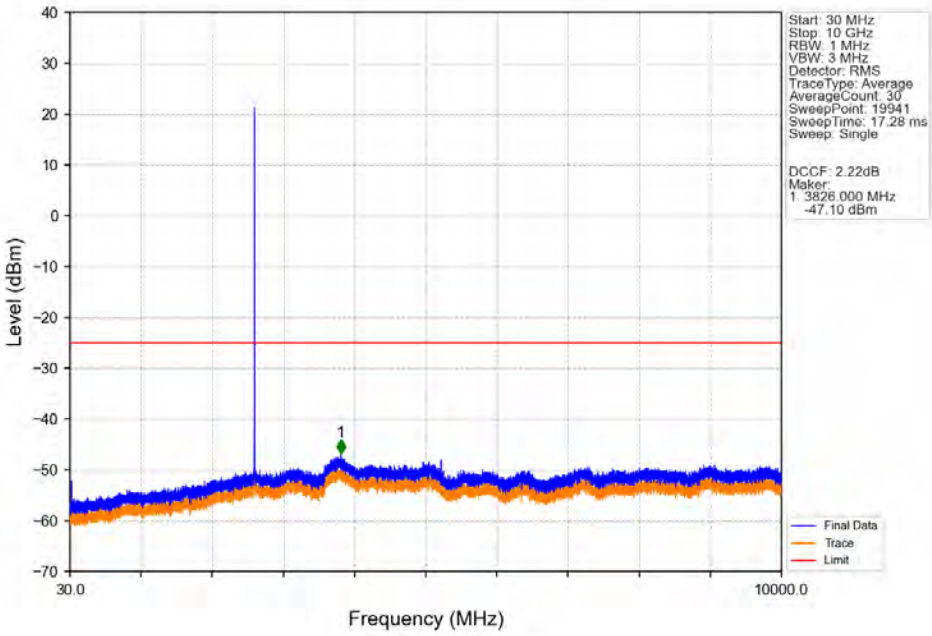
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



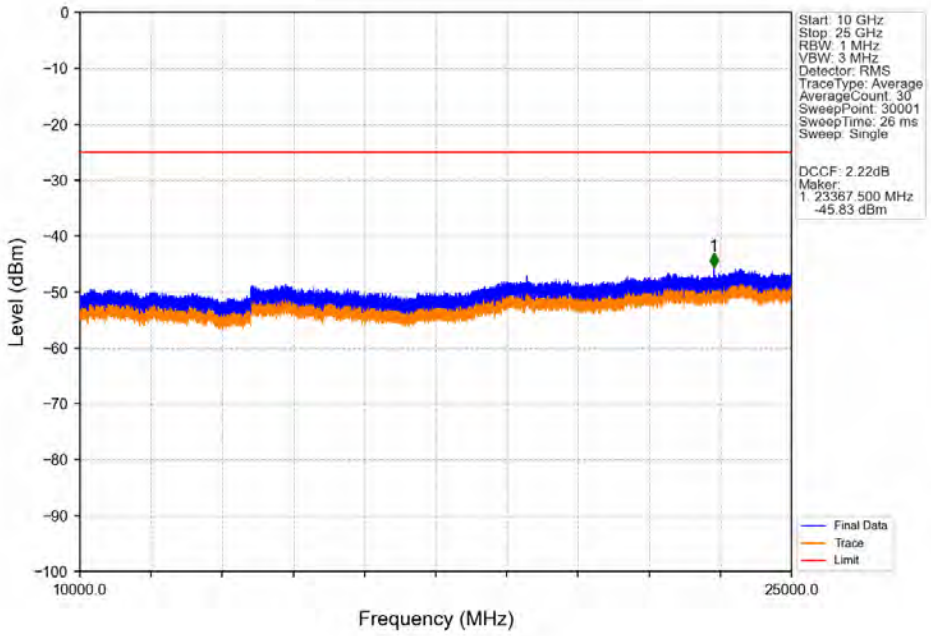
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



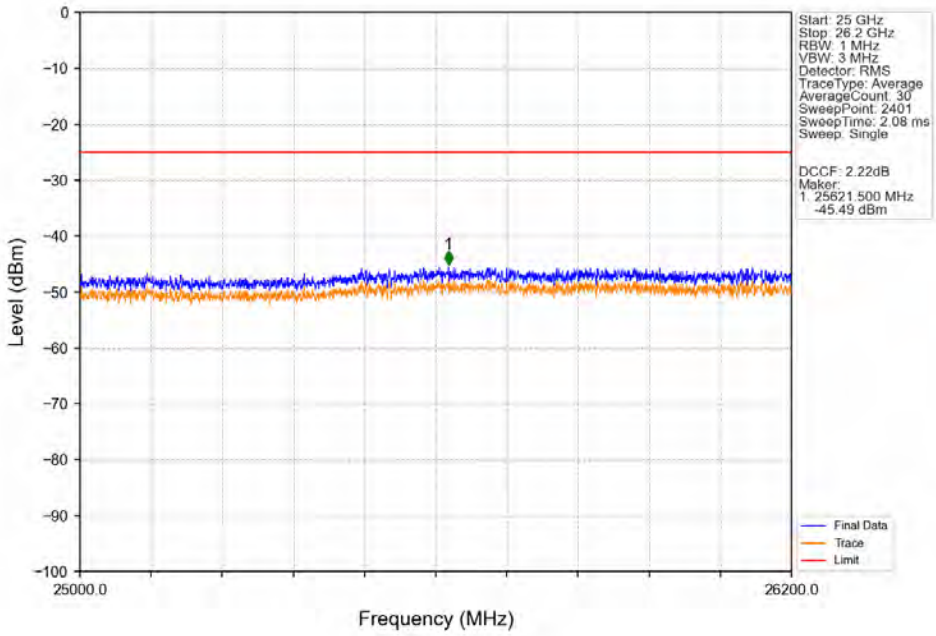
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



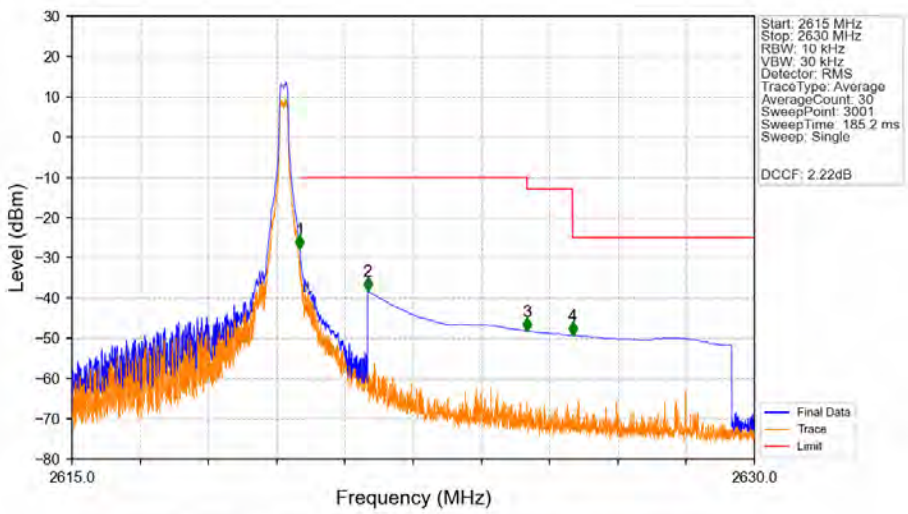
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV

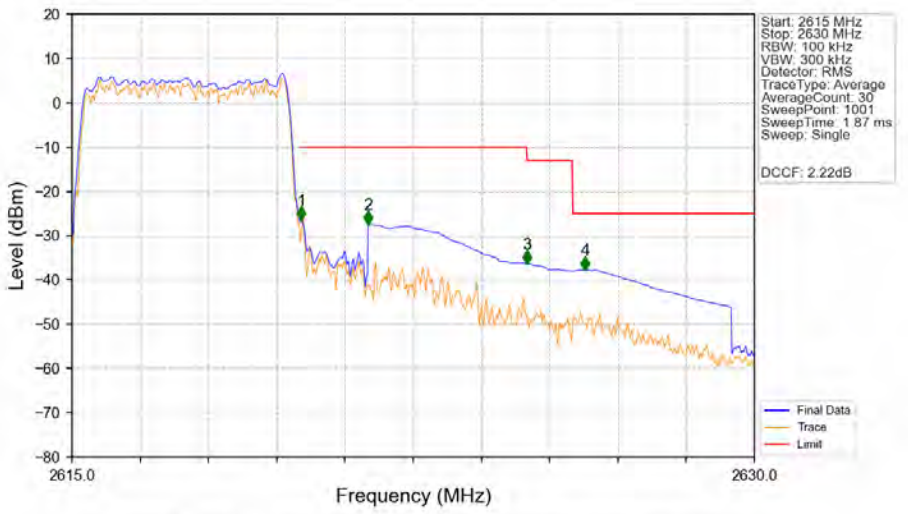


Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_24_NTNV



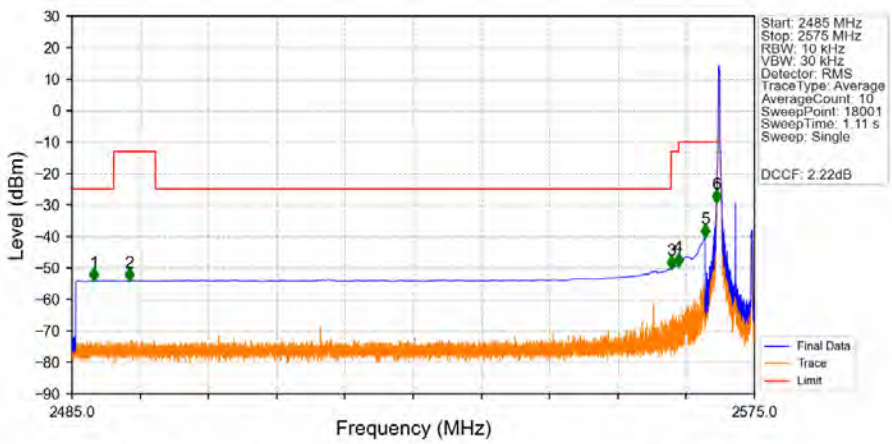
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-27.87	-10	Pass
2621	2625	1	CHP	2	2621.500	-38.19	-10	Pass
2625	2626	1	CHP	3	2625.005	-48.22	-13	Pass
2626	2630	1	CHP	4	2626.010	-49.25	-25	Pass

Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



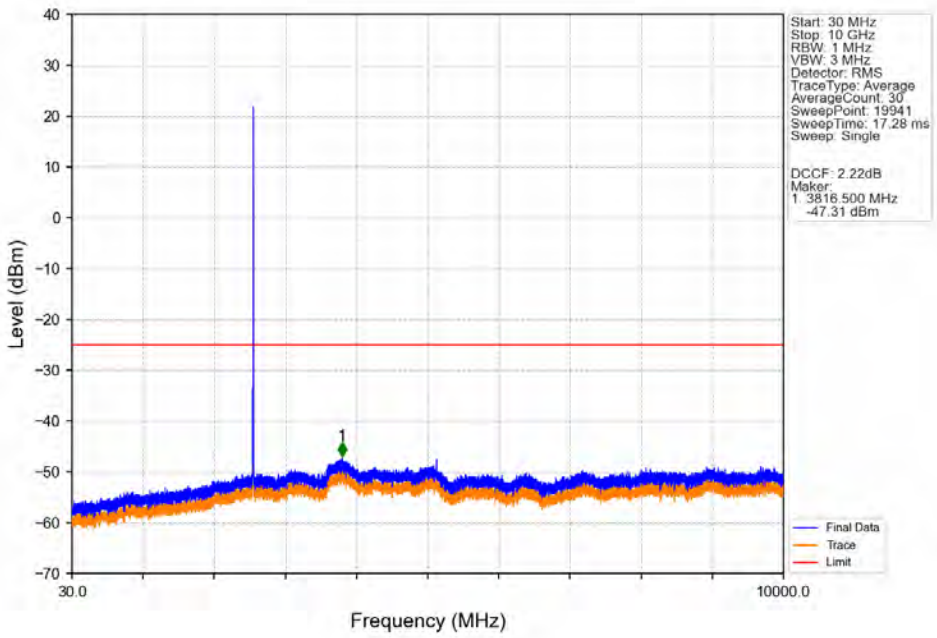
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.104	CHP	/	/	/	/	/
2620	2621	0.104	CHP	1	2620.040	-26.53	-10	Pass
2621	2625	1	CHP	2	2621.510	-27.53	-10	Pass
2625	2626	1	CHP	3	2625.005	-36.33	-13	Pass
2626	2630	1	CHP	4	2626.280	-37.78	-25	Pass

Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV

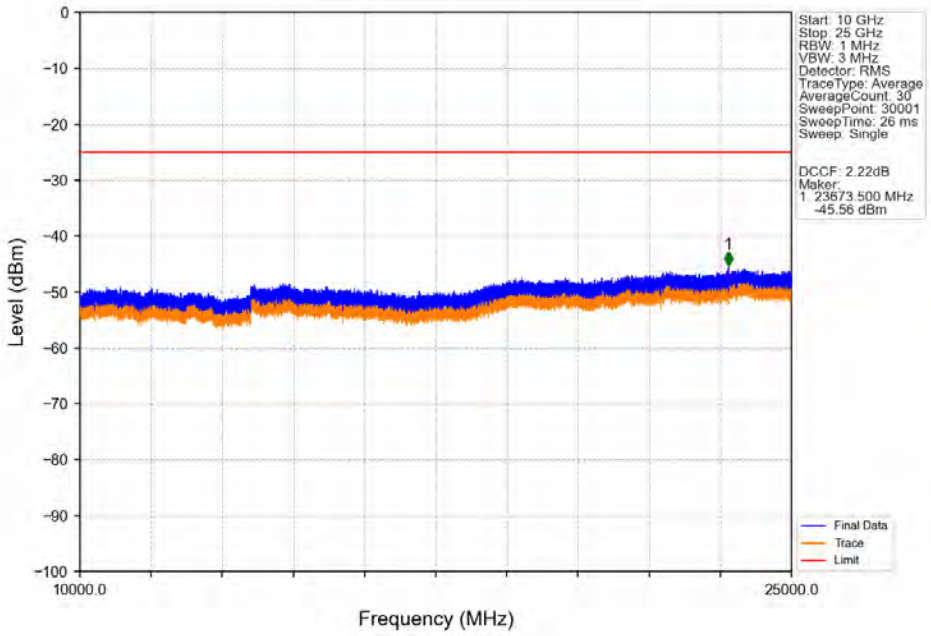


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.880	-53.97	-25	Pass
2490.5	2496	1	CHP	2	2492.570	-53.97	-13	Pass
2496	2564	1	CHP	3	2563.995	-50.12	-25	Pass
2564	2565	1	CHP	4	2564.980	-49.26	-13	Pass
2565	2569	1	CHP	5	2568.500	-40.08	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-29.09	-10	Pass
2570	2575	0.02	CHP	/	/	/	/	/

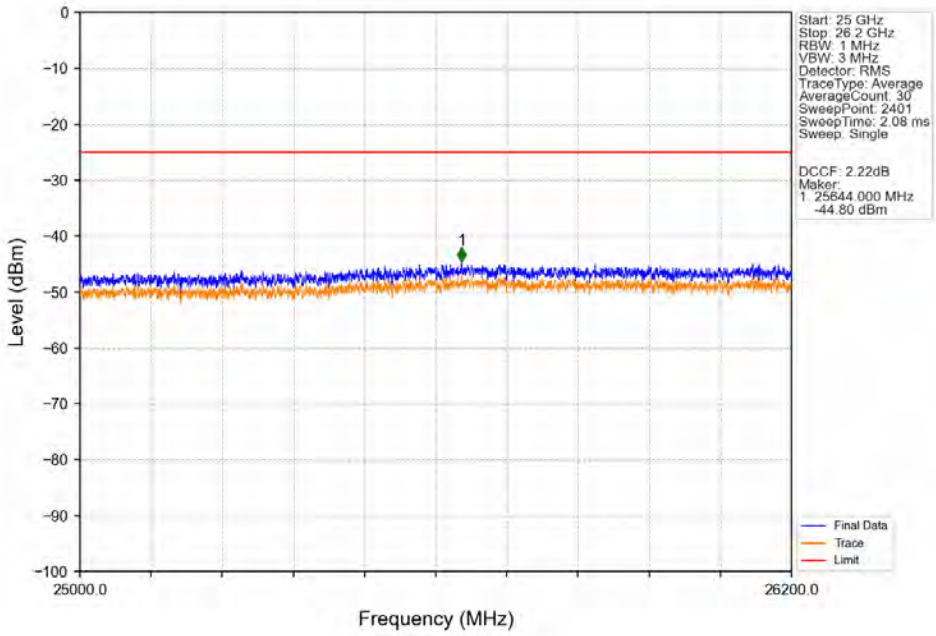
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV



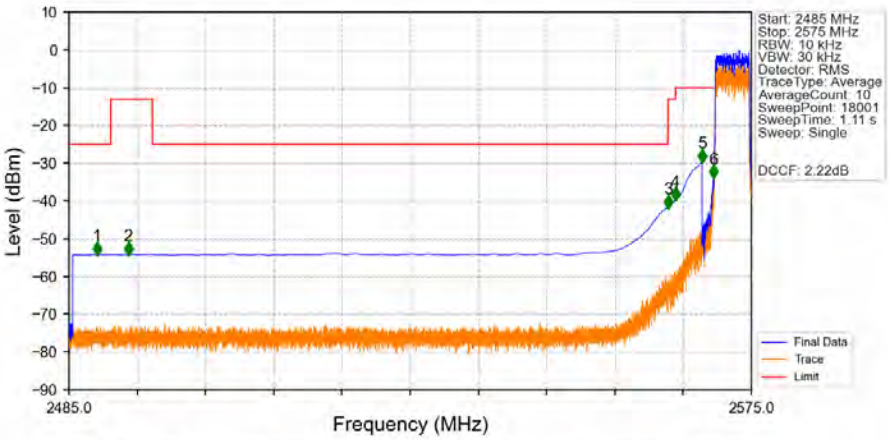
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV

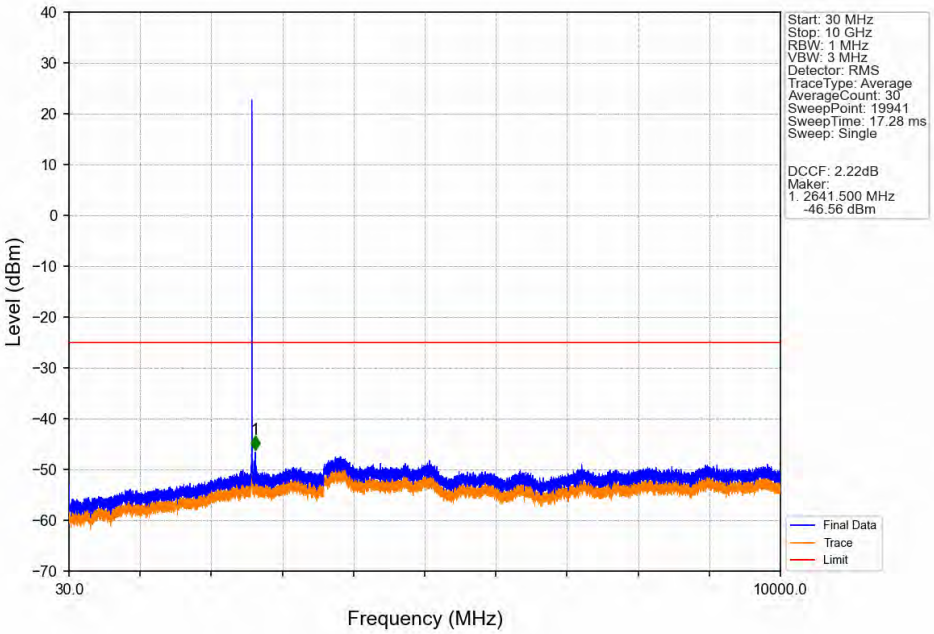


Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV

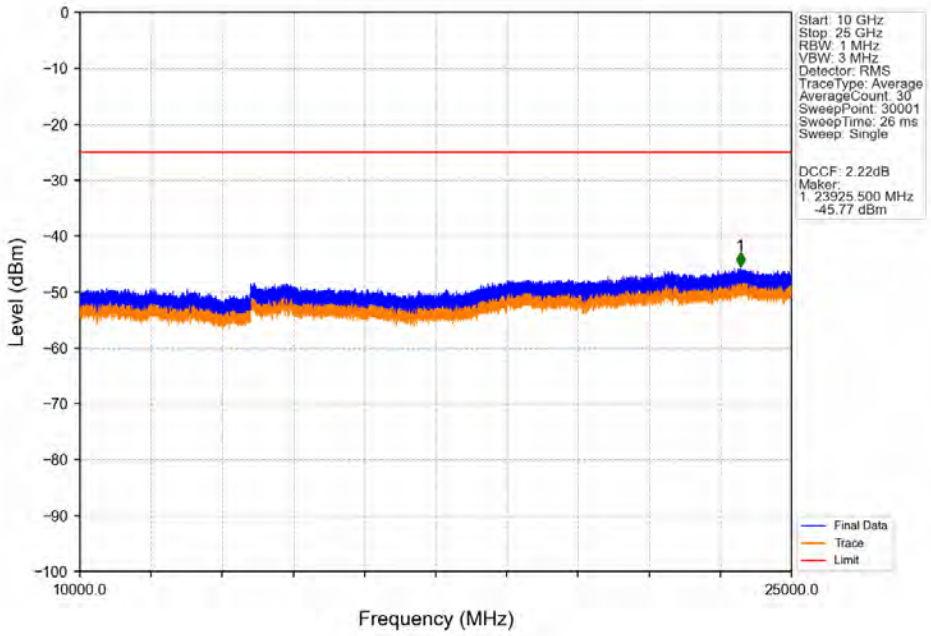


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.685	-54.12	-25	Pass
2490.5	2496	1	CHP	2	2492.830	-54.09	-13	Pass
2496	2564	1	CHP	3	2564.000	-41.73	-25	Pass
2564	2565	1	CHP	4	2565.000	-39.74	-13	Pass
2565	2569	1	CHP	5	2568.500	-29.55	-10	Pass
2569	2570	0.02	CHP	6	2569.980	-33.65	-10	Pass
2570	2575	0.02	CHP	/	/	/	/	/

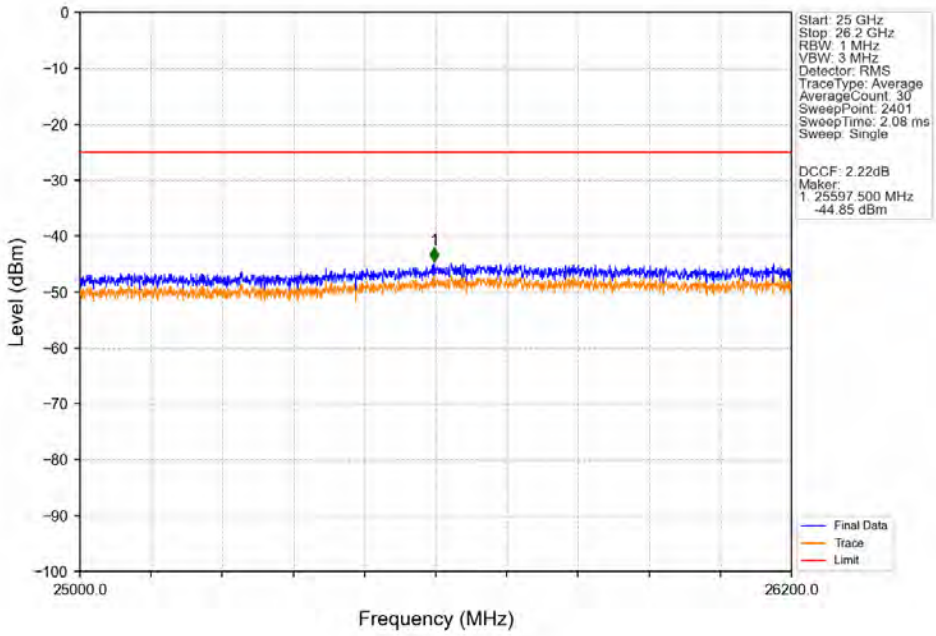
Band38_5MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



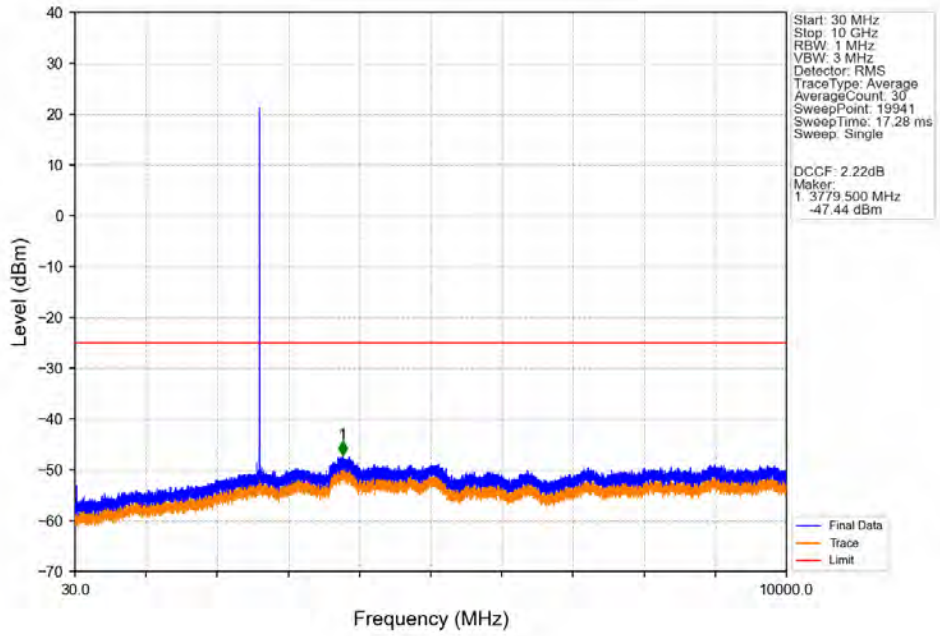
Band38_5MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



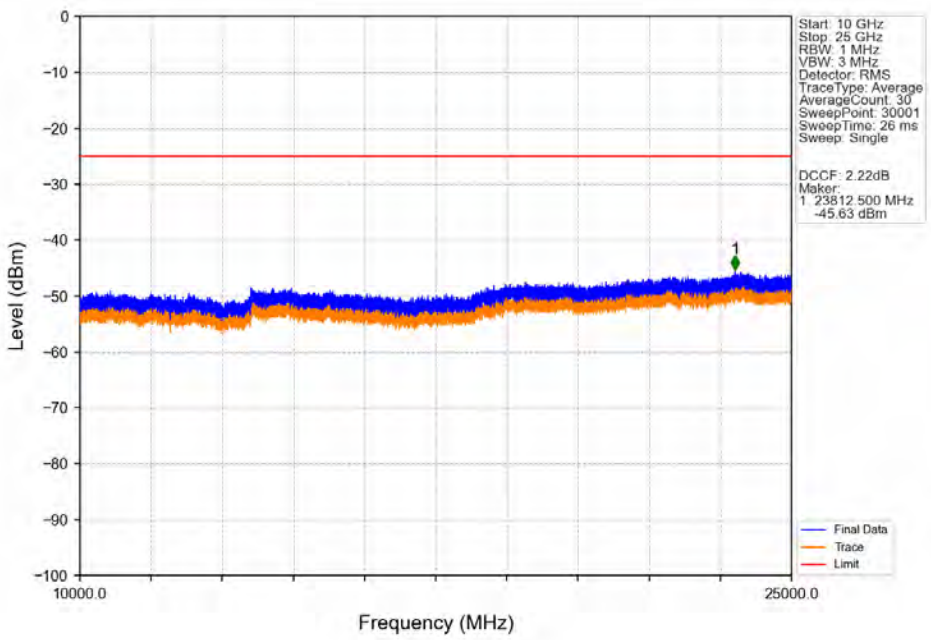
Band38_5MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



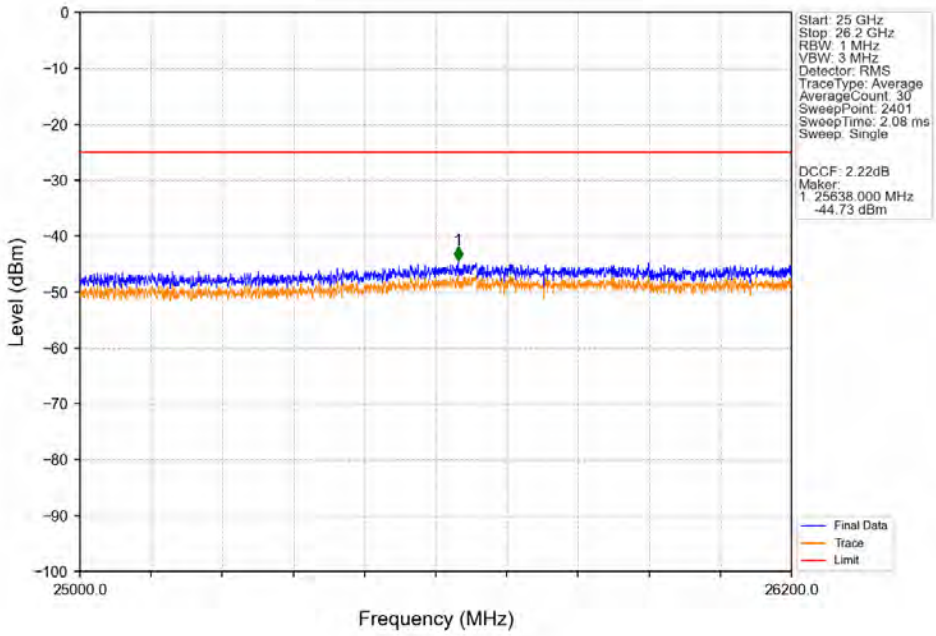
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_0_NTNV



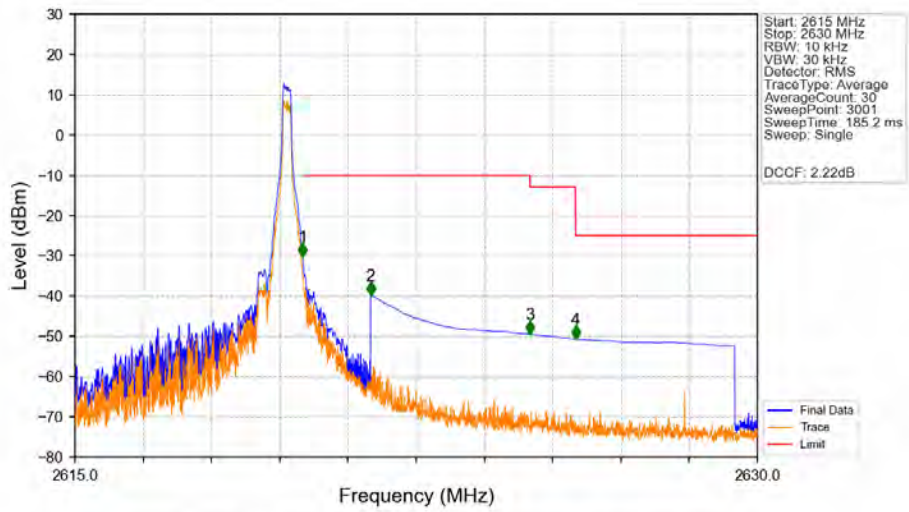
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_0_NTNV

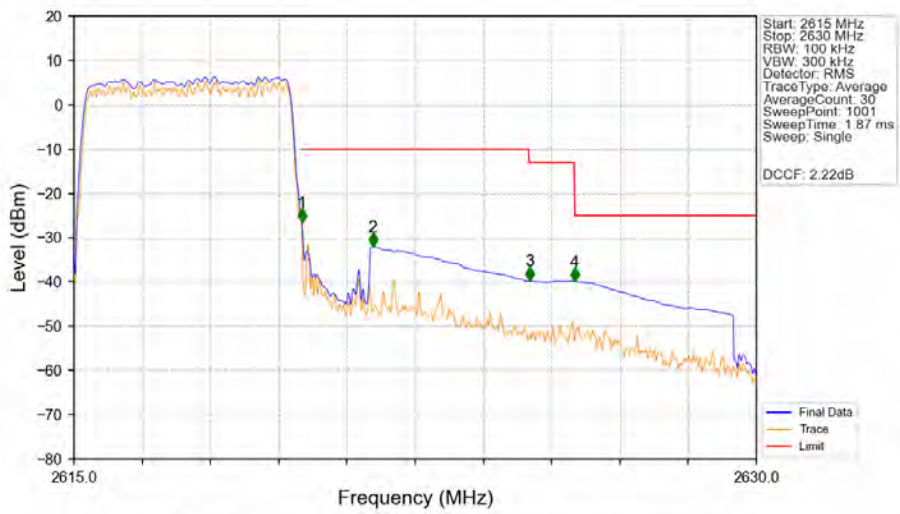


Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-30.31	-10	Pass
2621	2625	1	CHP	2	2621.500	-39.78	-10	Pass
2625	2626	1	CHP	3	2625.005	-49.47	-13	Pass
2626	2630	1	CHP	4	2626.005	-50.72	-25	Pass

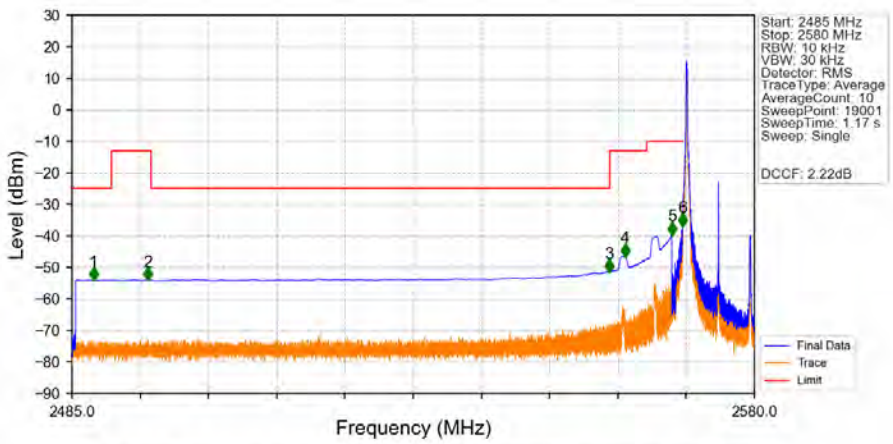
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.105	CHP	/	/	/	/	/
2620	2621	0.105	CHP	1	2620.010	-26.61	-10	Pass
2621	2625	1	CHP	2	2621.570	-32.08	-10	Pass
2625	2626	1	CHP	3	2625.020	-39.77	-13	Pass
2626	2630	1	CHP	4	2626.010	-39.91	-25	Pass

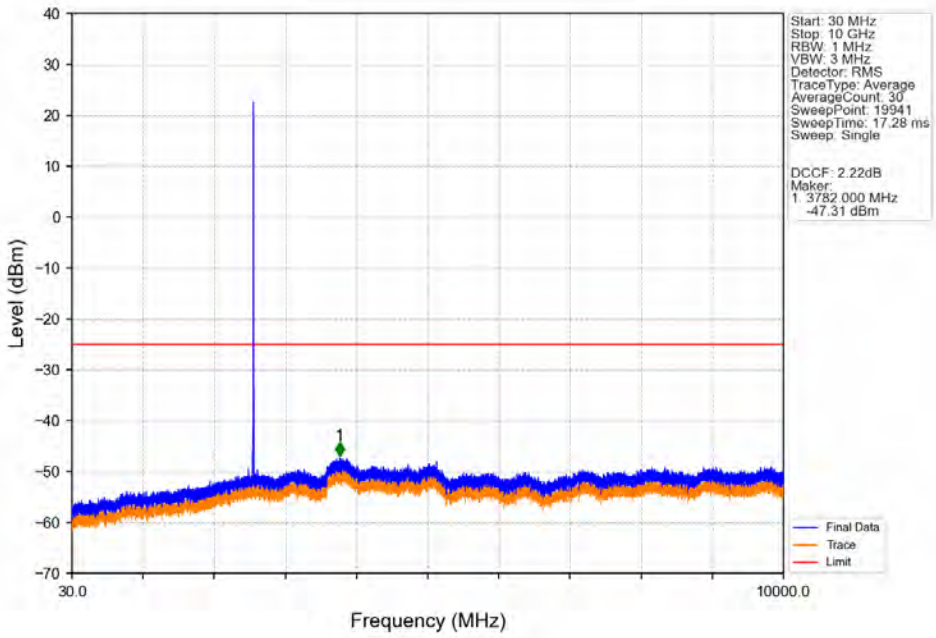
5.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

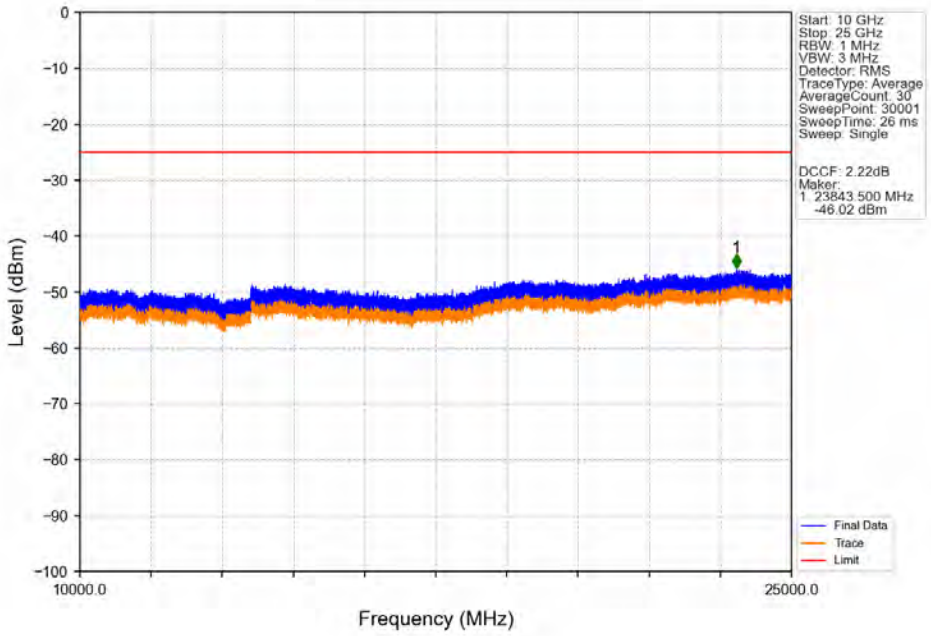


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.990	-54.04	-25	Pass
2490.5	2496	1	CHP	2	2495.580	-54.02	-13	Pass
2496	2559.854	1	CHP	3	2559.830	-51.35	-25	Pass
2559.854	2565	1	CHP	4	2561.985	-46.46	-13	Pass
2565	2569	1	CHP	5	2568.500	-39.50	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-36.74	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

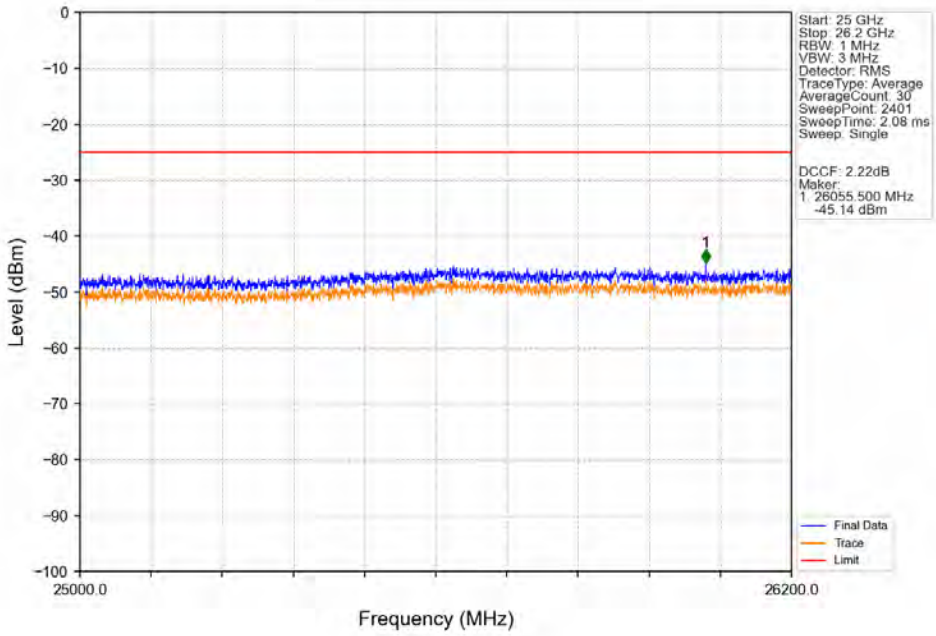
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



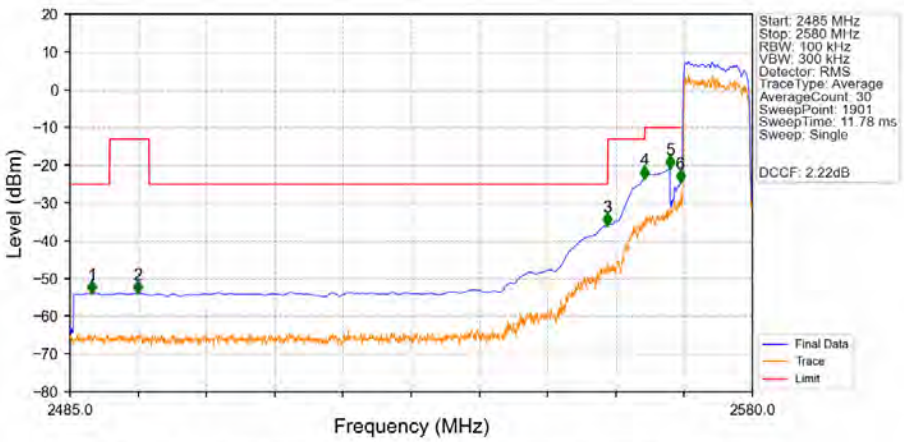
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

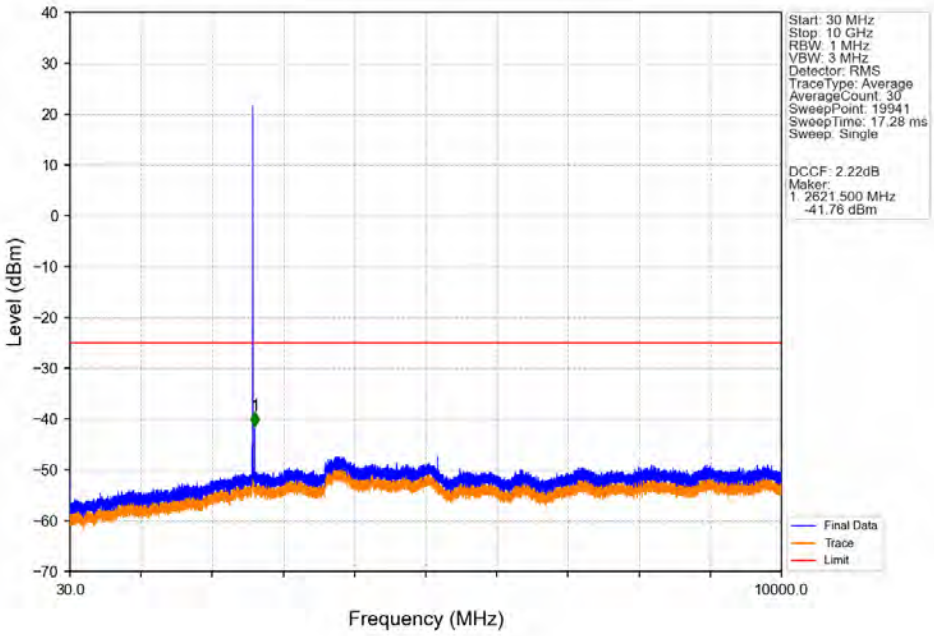


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

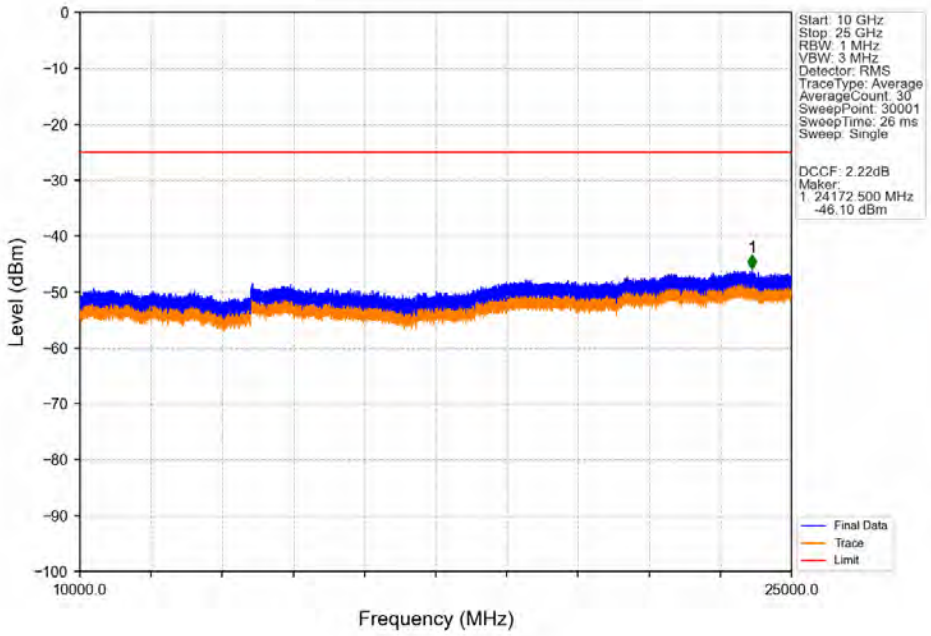


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.050	-53.86	-25	Pass
2490.5	2496	1	CHP	2	2494.450	-53.85	-13	Pass
2496	2559.854	1	CHP	3	2559.750	-35.92	-25	Pass
2559.854	2565	1	CHP	4	2565.000	-23.41	-13	Pass
2565	2569	1	CHP	5	2568.500	-20.69	-10	Pass
2569	2570	0.203	CHP	6	2569.950	-24.37	-10	Pass
2570	2580	0.203	CHP	/	/	/	/	/

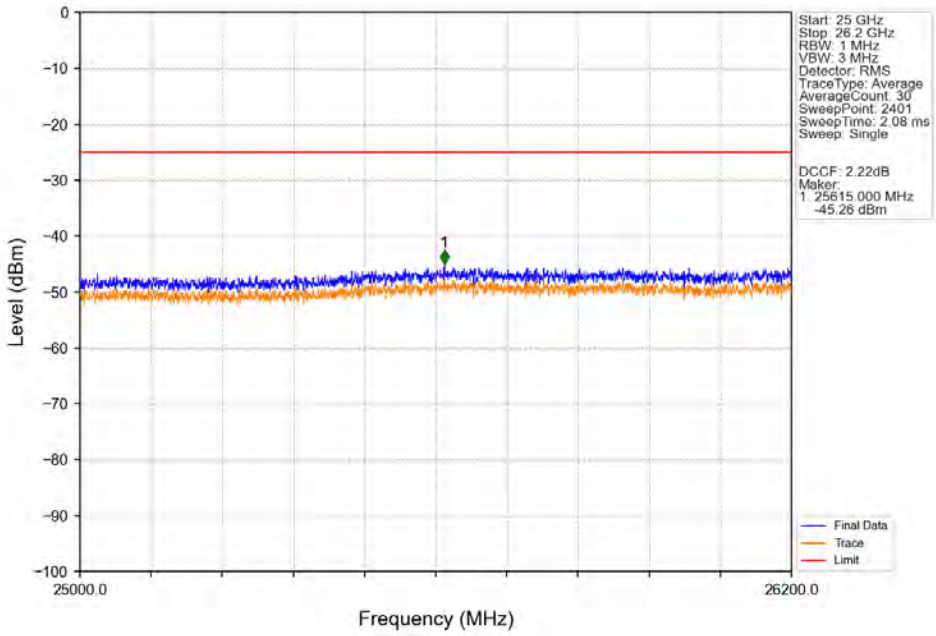
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



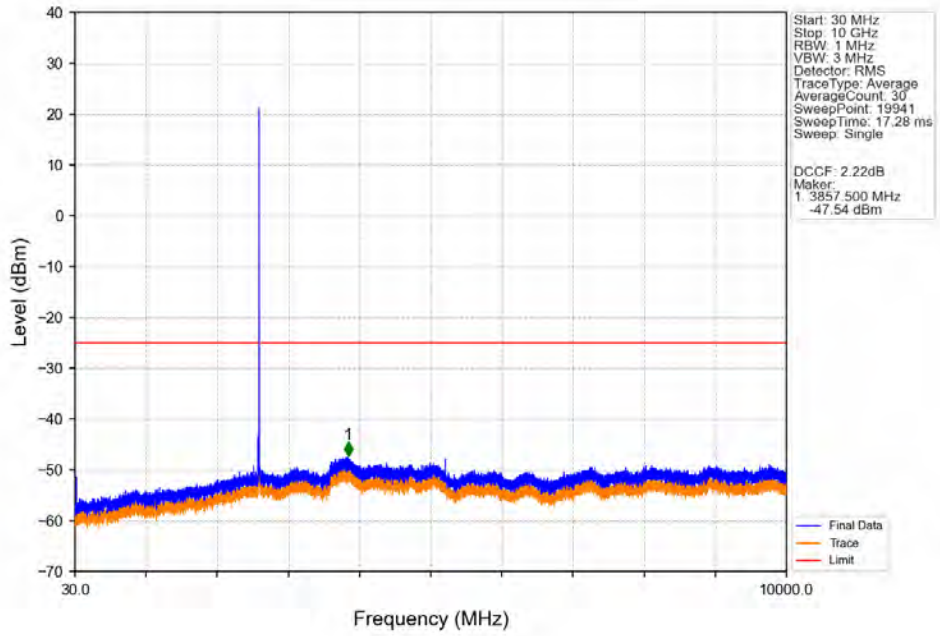
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



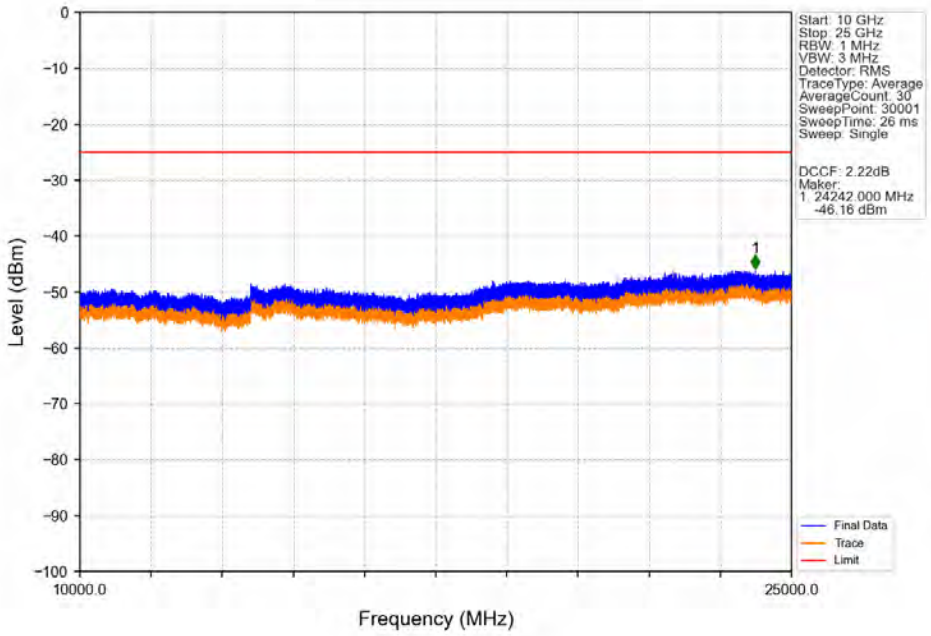
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



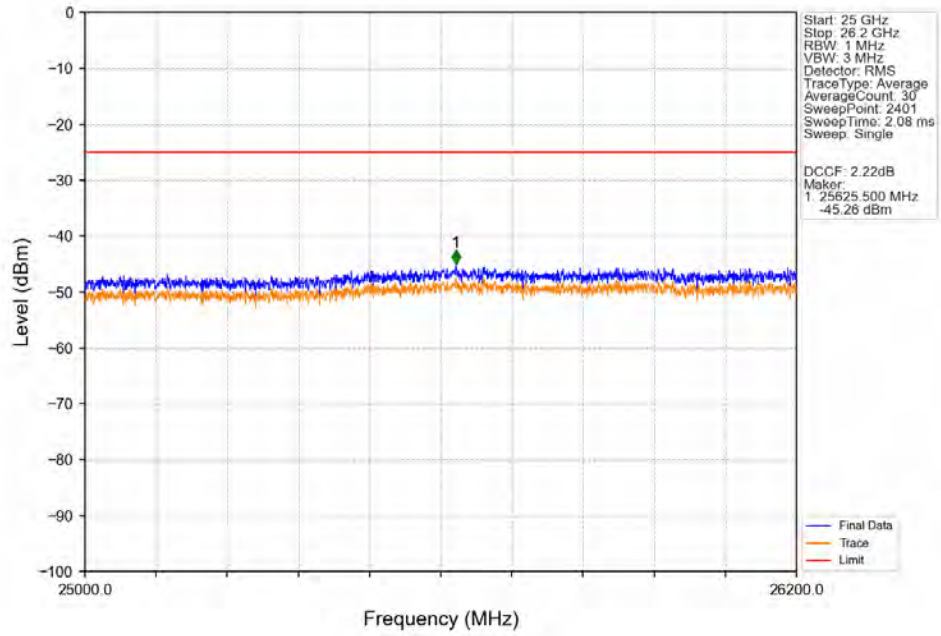
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



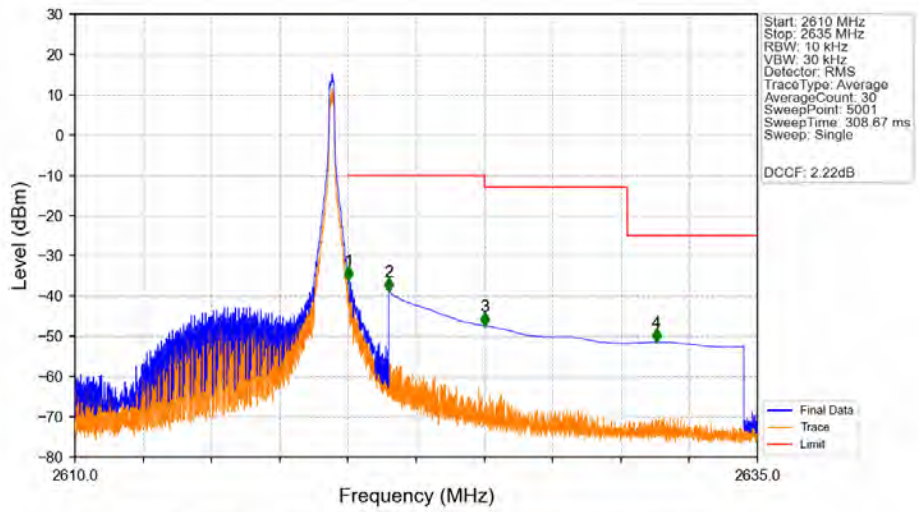
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

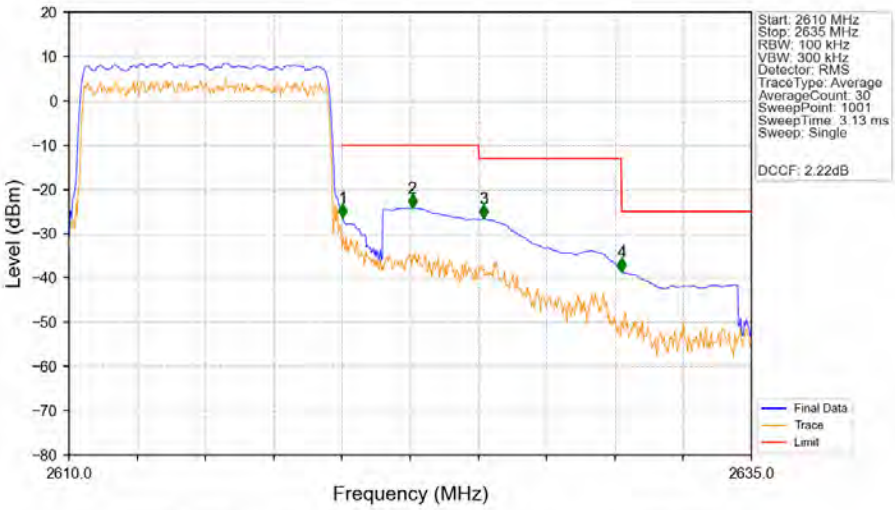


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



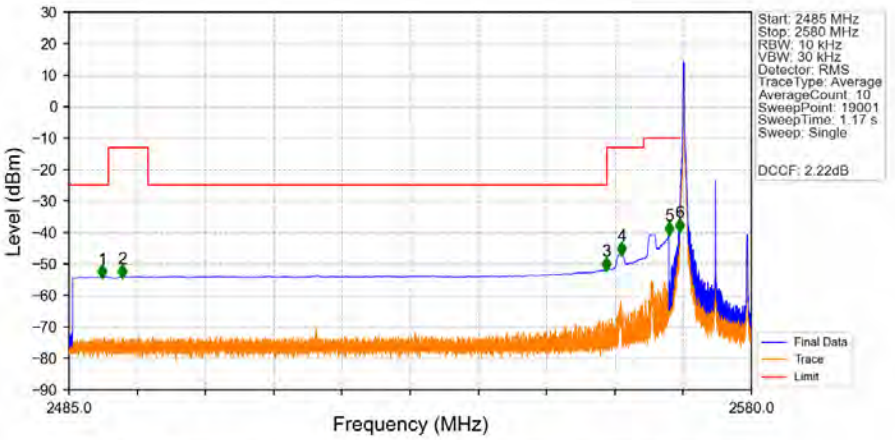
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.025	-36.02	-10	Pass
2621	2625	1	CHP	2	2621.500	-38.88	-10	Pass
2625	2630.232	1	CHP	3	2625.005	-47.44	-13	Pass
2630.232	2635	1	CHP	4	2631.305	-51.43	-25	Pass

Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



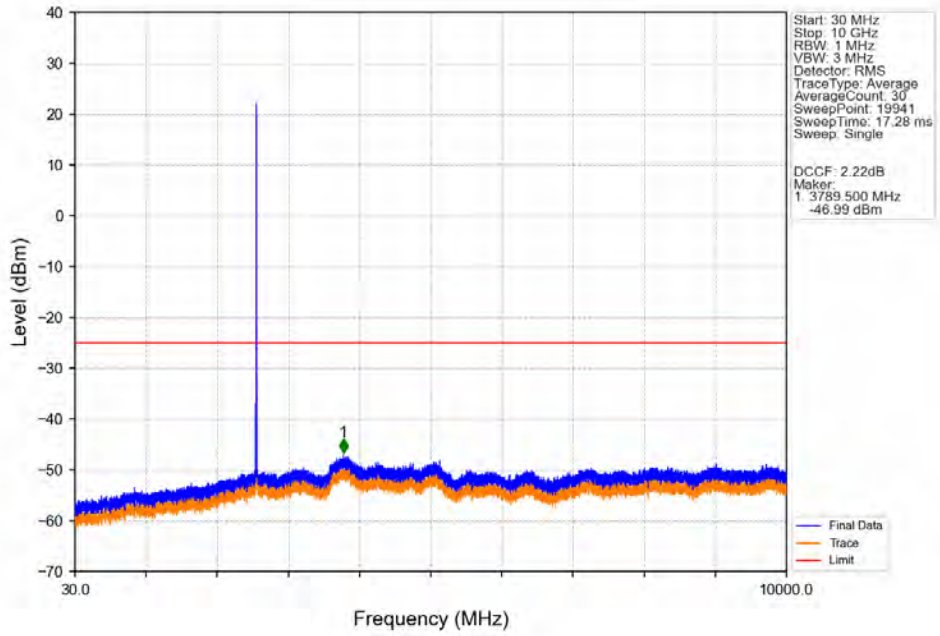
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.205	CHP	/	/	/	/	/
2620	2621	0.205	CHP	1	2620.025	-26.35	-10	Pass
2621	2625	1	CHP	2	2622.575	-24.21	-10	Pass
2625	2630.232	1	CHP	3	2625.175	-26.66	-13	Pass
2630.232	2635	1	CHP	4	2630.250	-38.61	-25	Pass

Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV

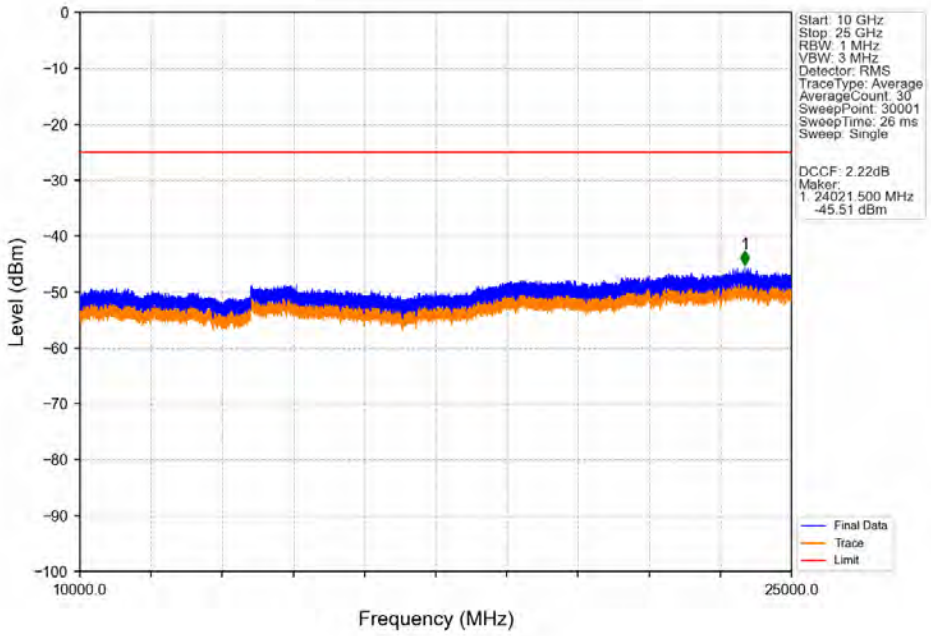


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.635	-54.16	-25	Pass
2490.5	2496	1	CHP	2	2492.430	-54.08	-13	Pass
2496	2559.882	1	CHP	3	2559.830	-51.81	-25	Pass
2559.882	2565	1	CHP	4	2561.955	-46.96	-13	Pass
2565	2569	1	CHP	5	2568.500	-40.55	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-39.50	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

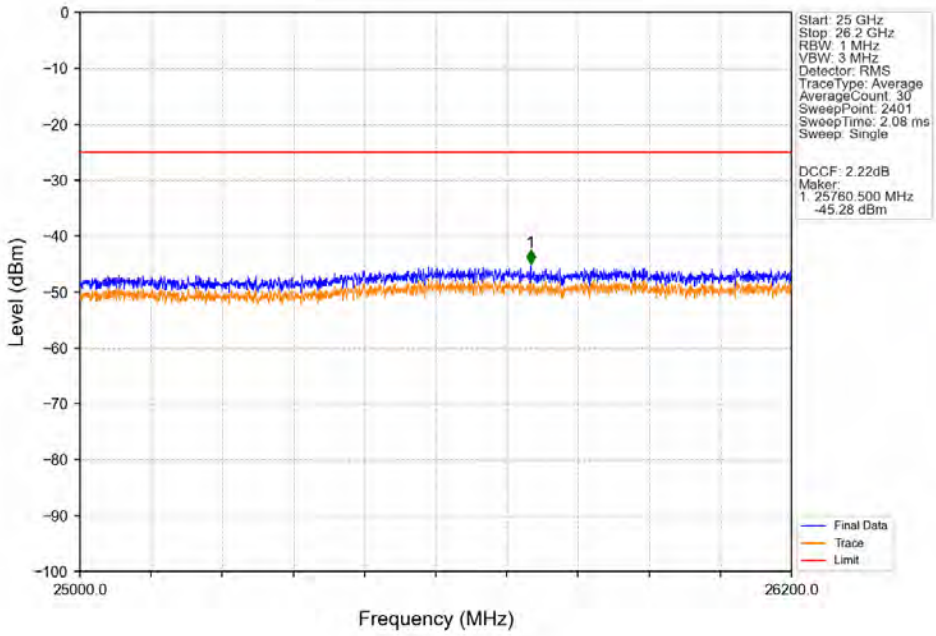
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



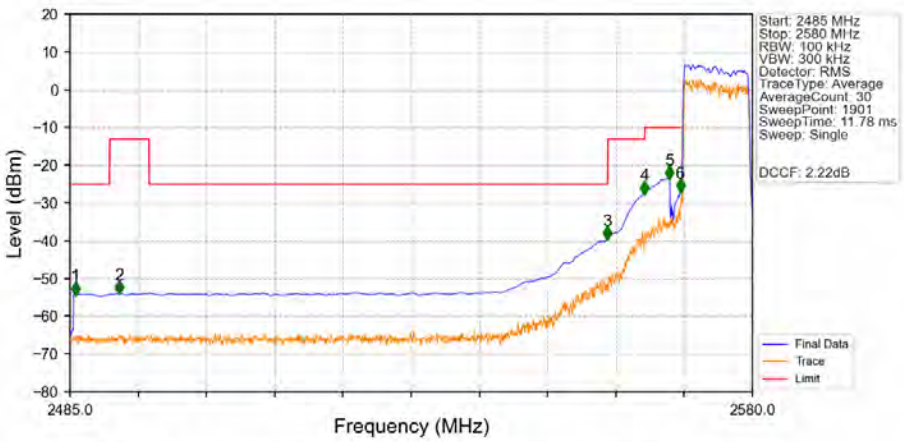
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV

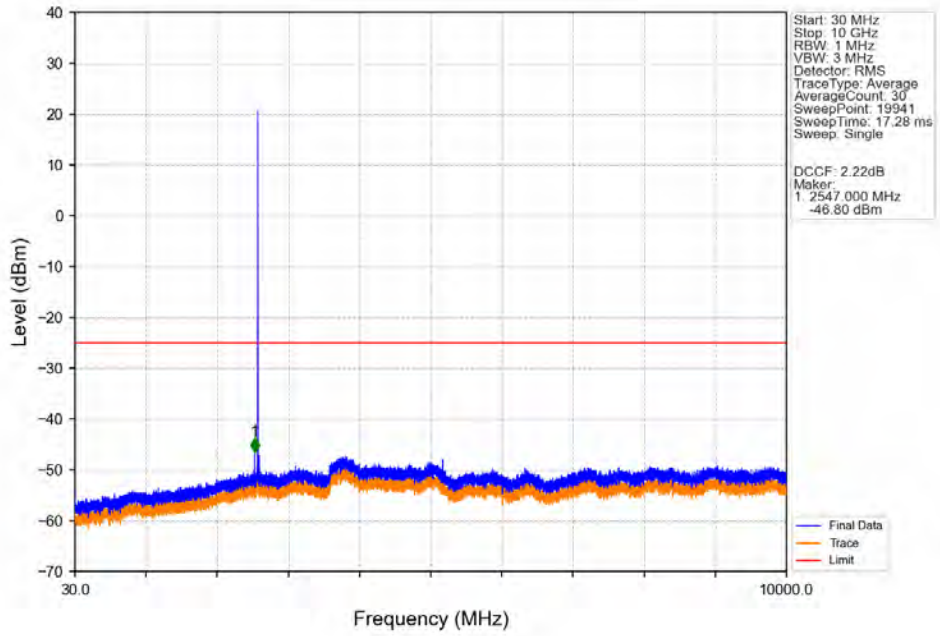


Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV

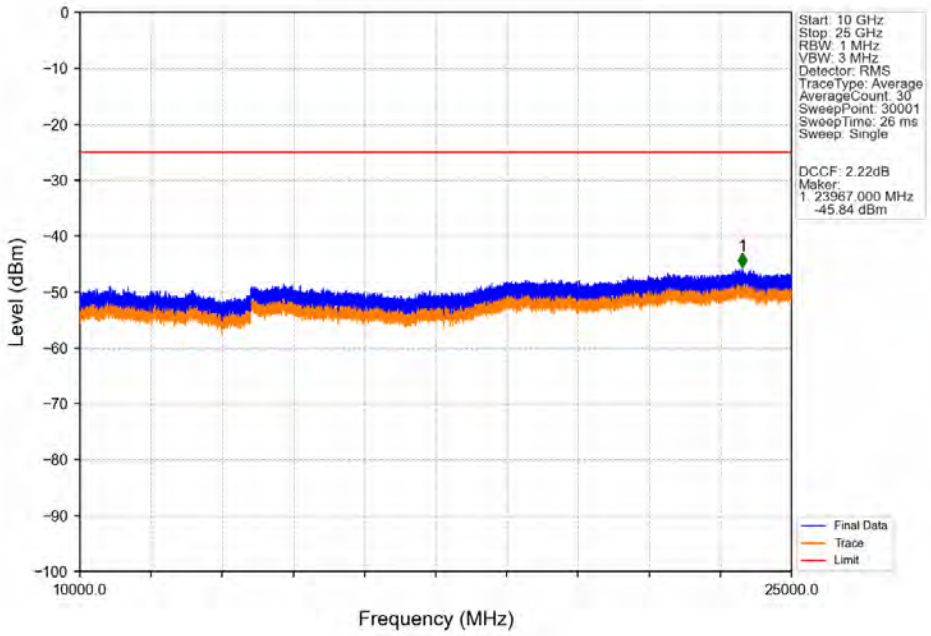


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.750	-54.15	-25	Pass
2490.5	2496	1	CHP	2	2491.900	-53.84	-13	Pass
2496	2559.882	1	CHP	3	2559.800	-39.51	-25	Pass
2559.882	2565	1	CHP	4	2565.000	-27.44	-13	Pass
2565	2569	1	CHP	5	2568.450	-23.43	-10	Pass
2569	2570	0.202	CHP	6	2569.950	-26.90	-10	Pass
2570	2580	0.202	CHP	/	/	/	/	/

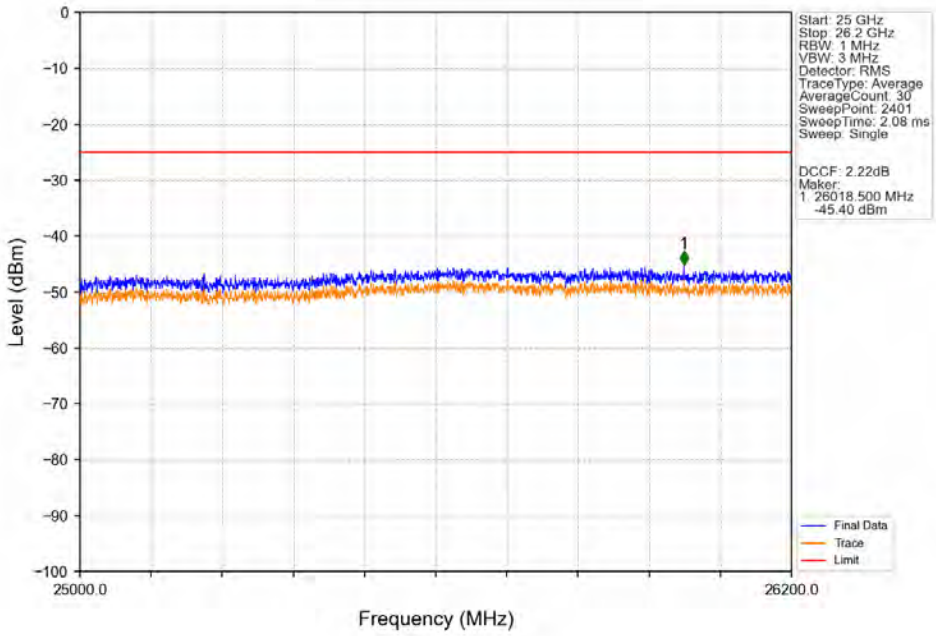
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



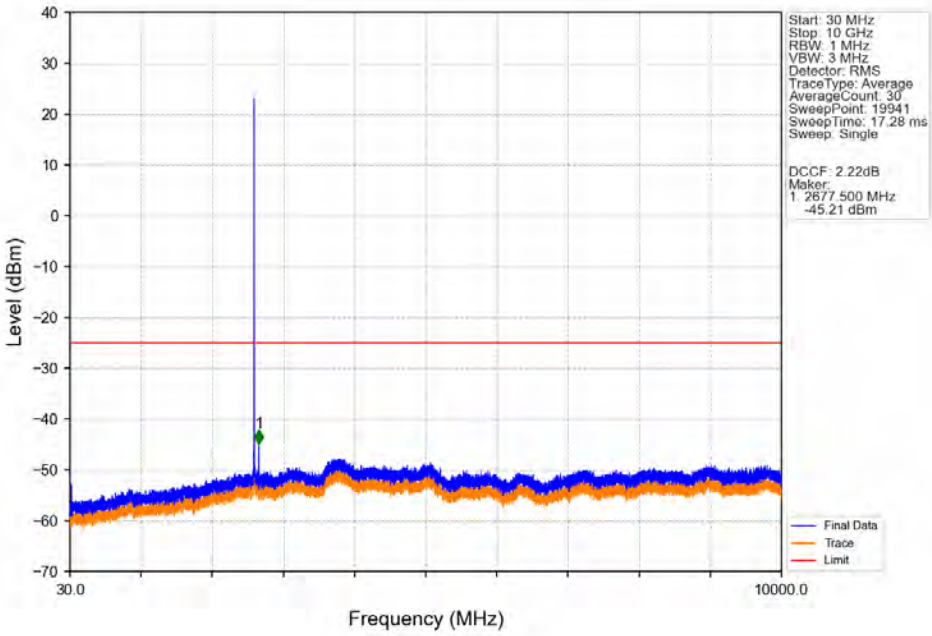
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



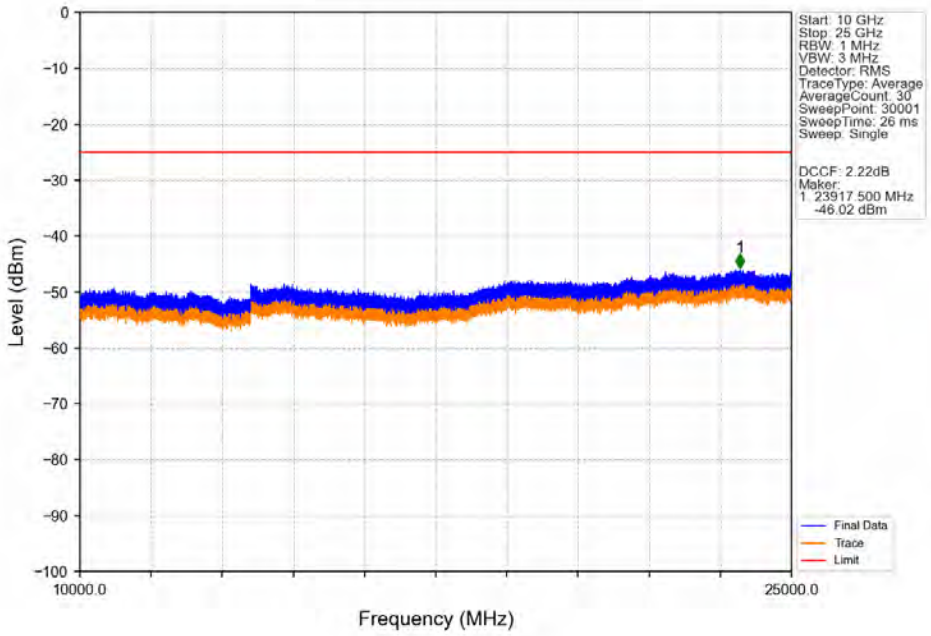
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



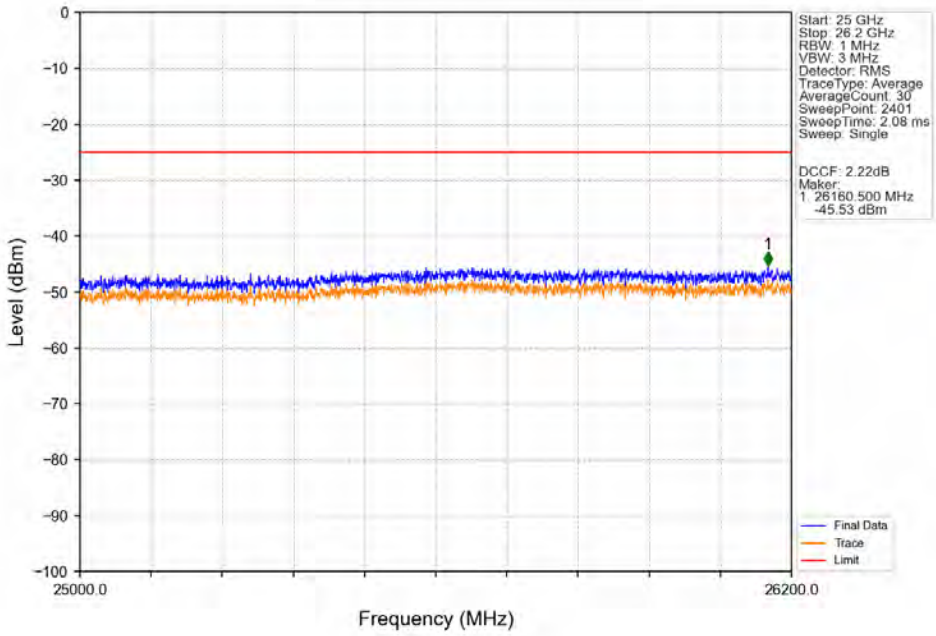
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



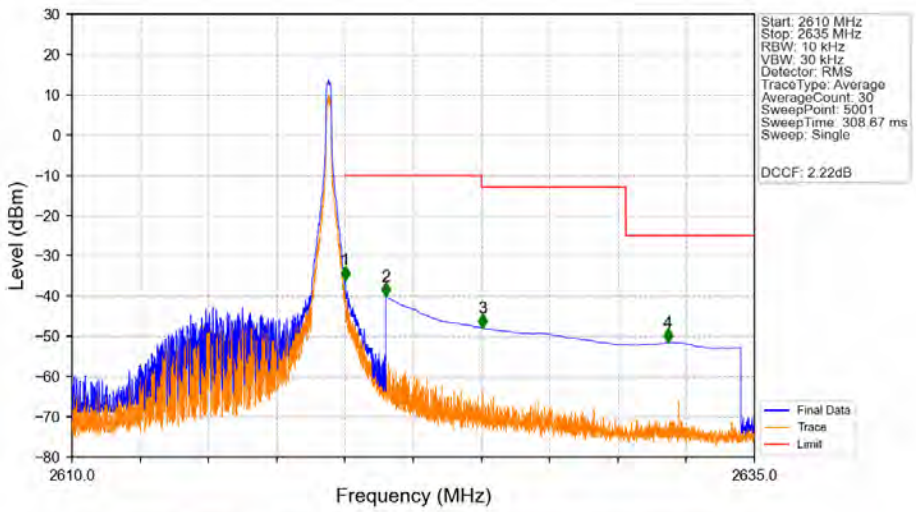
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV

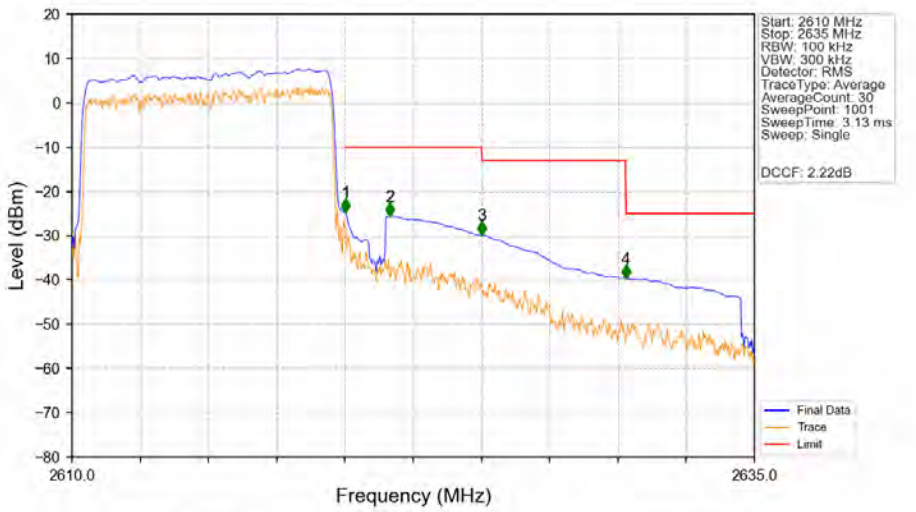


Band38_10MHz_16QAM_HCH_2615MHz_RB_1_49_NTNV



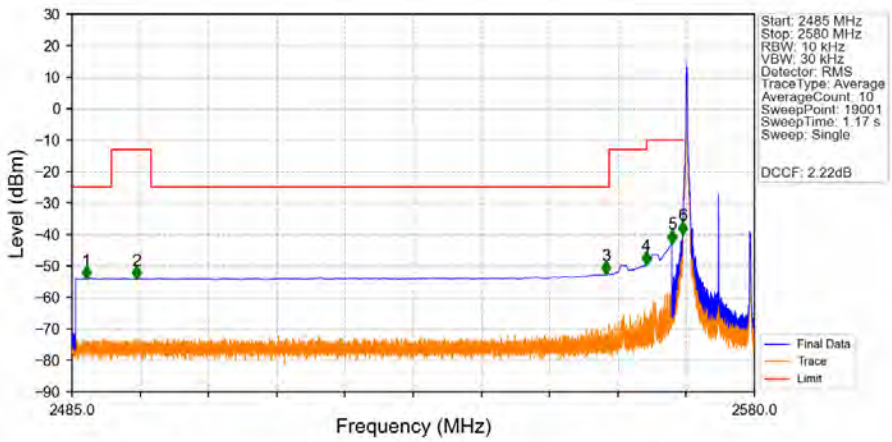
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.010	-35.96	-10	Pass
2621	2625	1	CHP	2	2621.500	-40.09	-10	Pass
2625	2630.288	1	CHP	3	2625.030	-47.92	-13	Pass
2630.288	2635	1	CHP	4	2631.830	-51.51	-25	Pass

Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



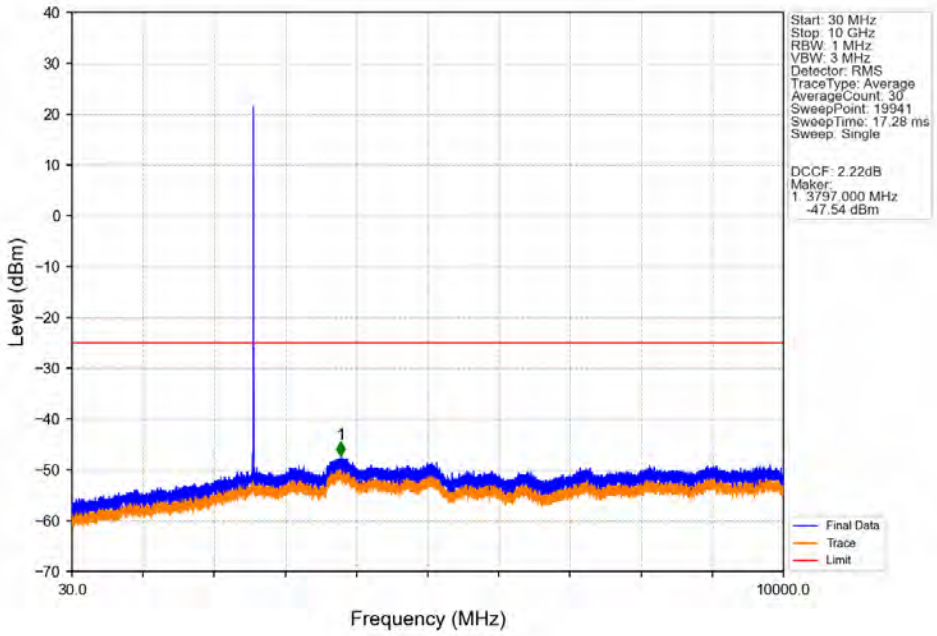
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.206	CHP	/	/	/	/	/
2620	2621	0.206	CHP	1	2620.025	-24.74	-10	Pass
2621	2625	1	CHP	2	2621.650	-25.65	-10	Pass
2625	2630.288	1	CHP	3	2625.025	-29.88	-13	Pass
2630.288	2635	1	CHP	4	2630.300	-39.62	-25	Pass

Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV

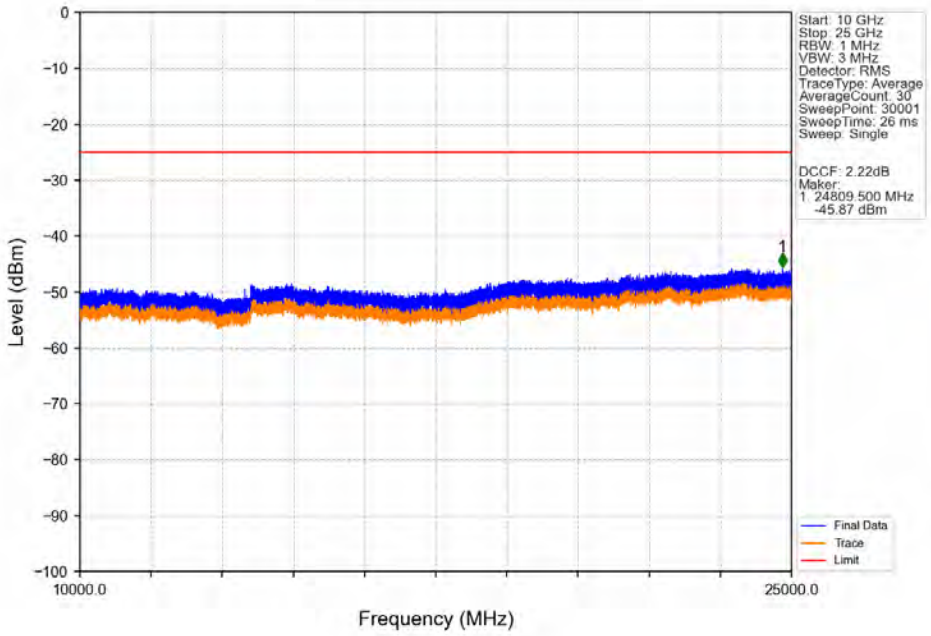


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.015	-53.96	-25	Pass
2490.5	2496	1	CHP	2	2494.025	-54.00	-13	Pass
2496	2559.777	1	CHP	3	2559.350	-52.54	-25	Pass
2559.777	2565	1	CHP	4	2564.945	-49.45	-13	Pass
2565	2569	1	CHP	5	2568.500	-42.59	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-39.74	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

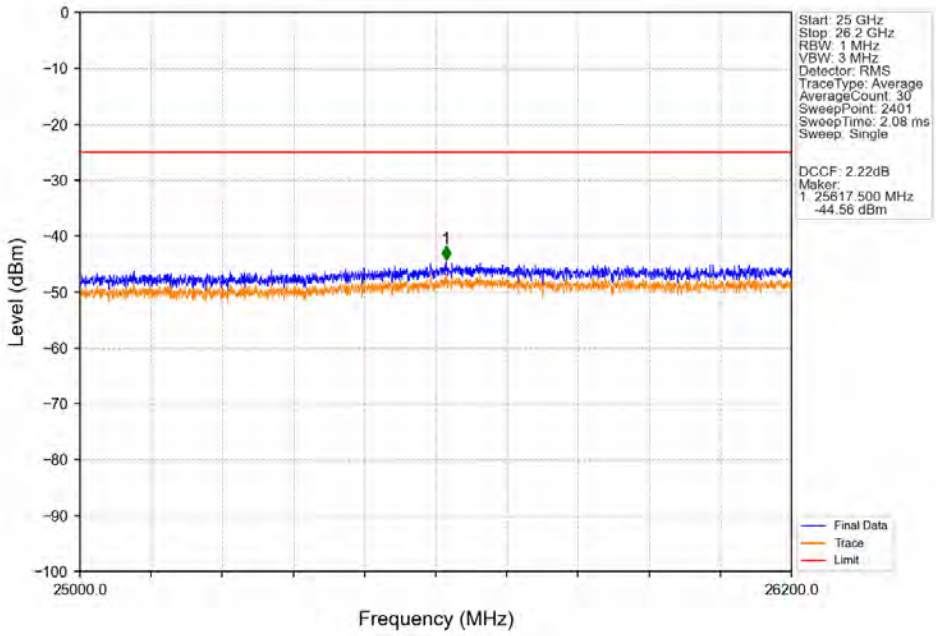
Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV



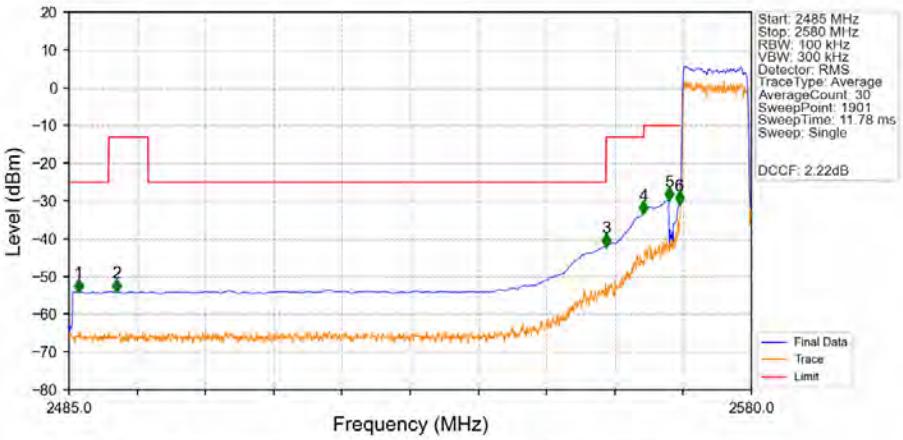
Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV

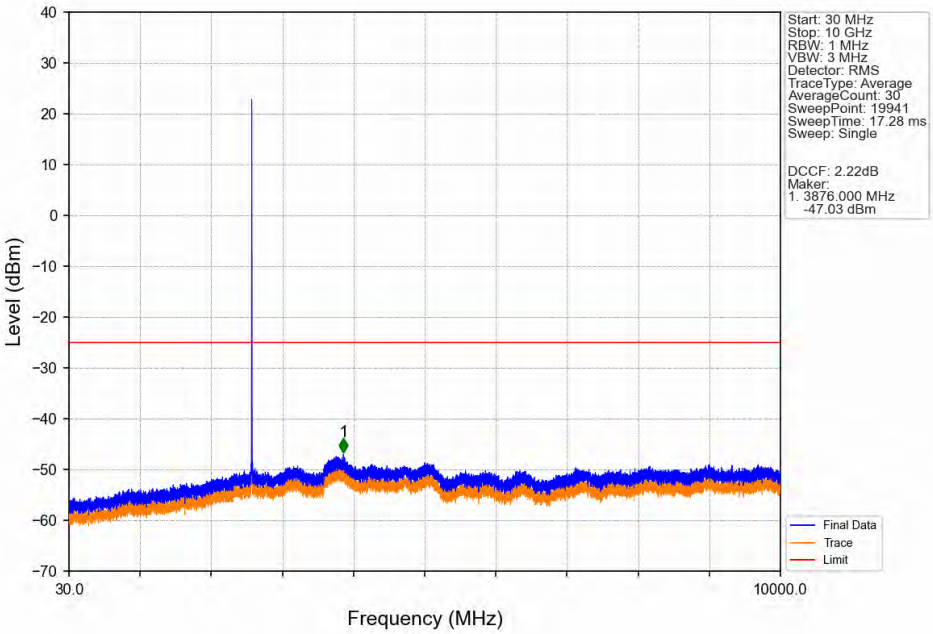


Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV

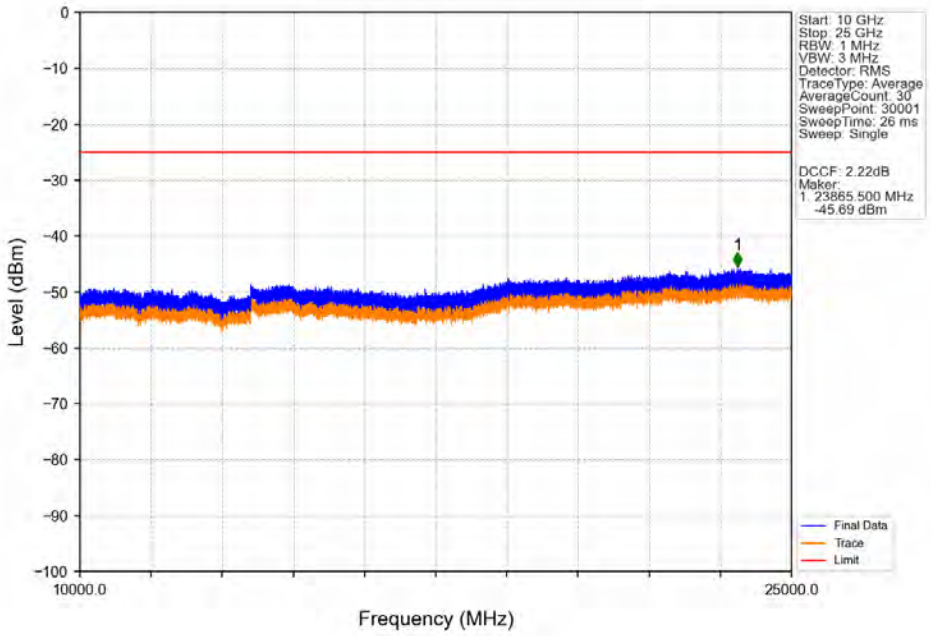


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.350	-53.91	-25	Pass
2490.5	2496	1	CHP	2	2491.600	-53.96	-13	Pass
2496	2559.777	1	CHP	3	2559.750	-41.96	-25	Pass
2559.777	2565	1	CHP	4	2565.000	-33.28	-13	Pass
2565	2569	1	CHP	5	2568.500	-29.76	-10	Pass
2569	2570	0.204	CHP	6	2569.950	-30.77	-10	Pass
2570	2580	0.204	CHP	/	/	/	/	/

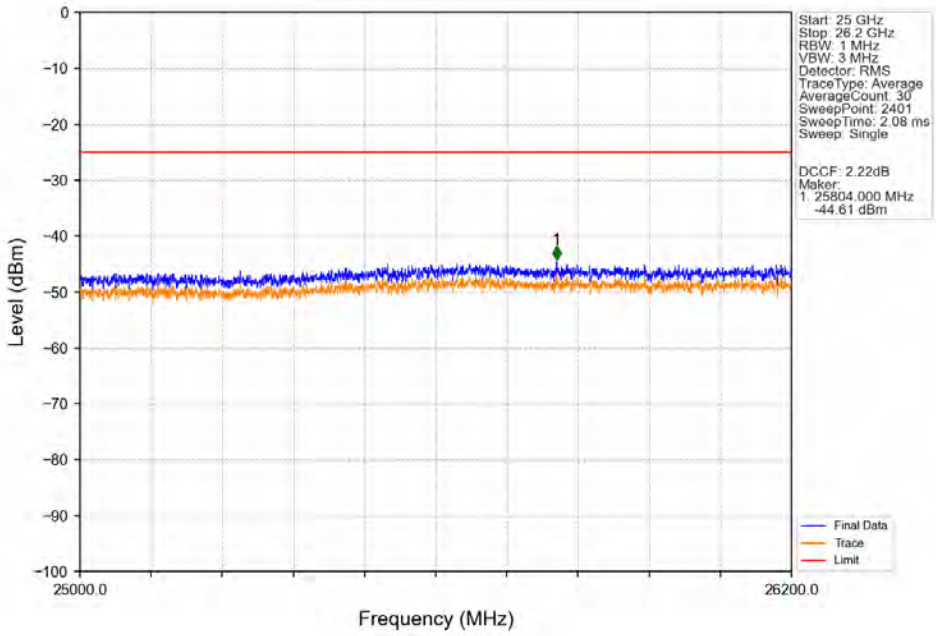
Band38_10MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



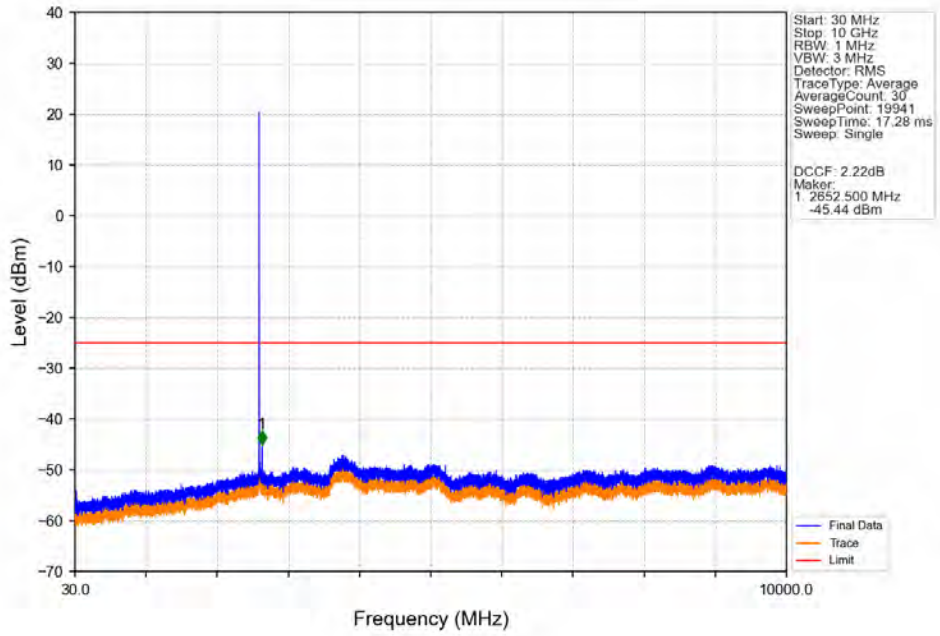
Band38_10MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



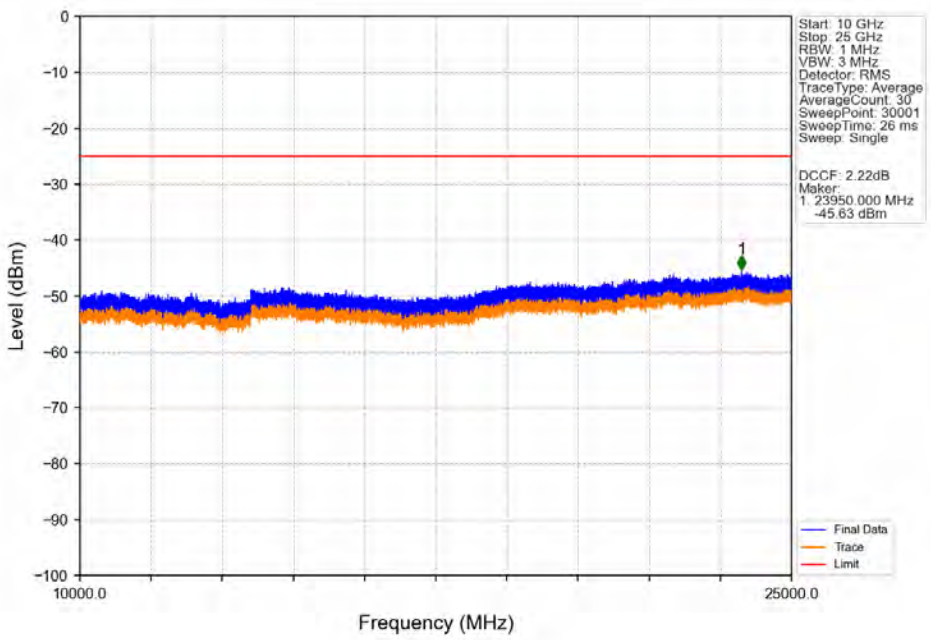
Band38_10MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



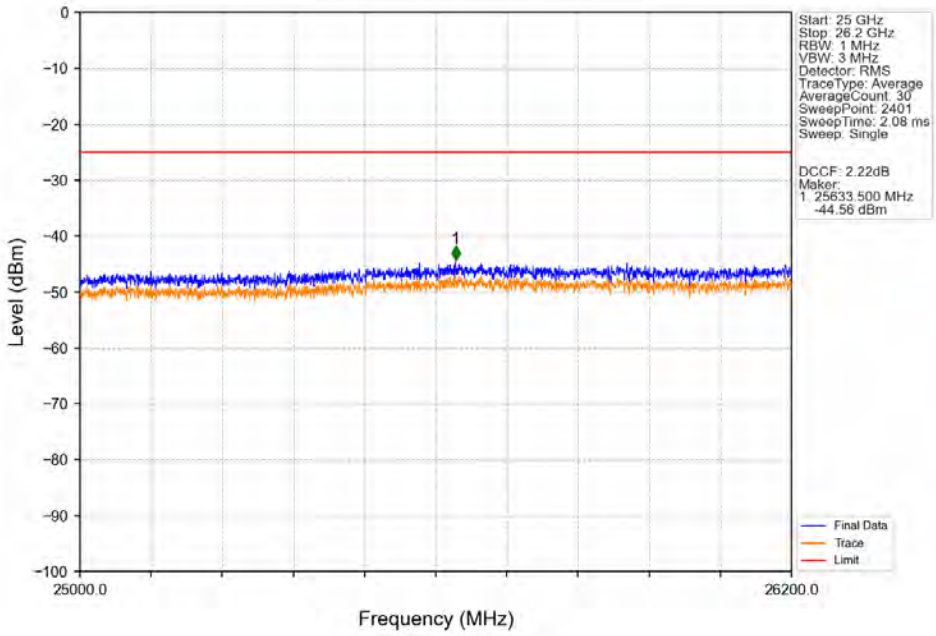
Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTNV



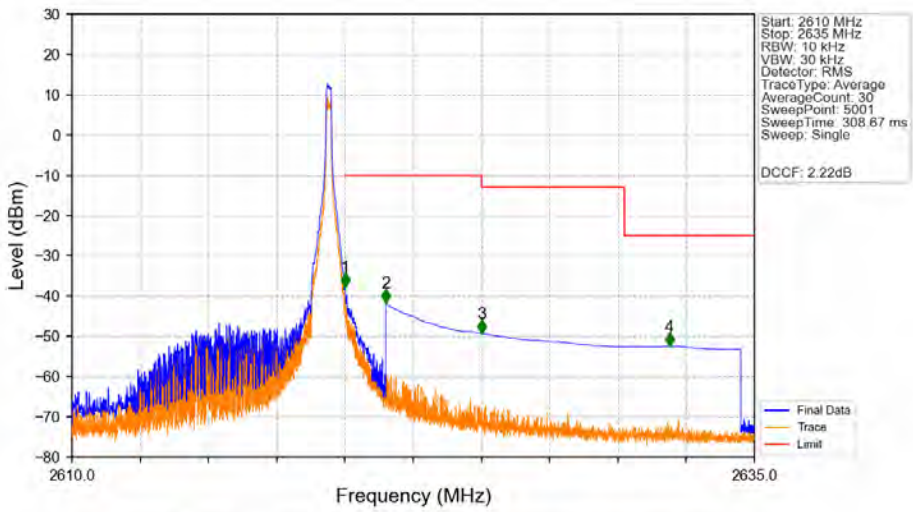
Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTNV

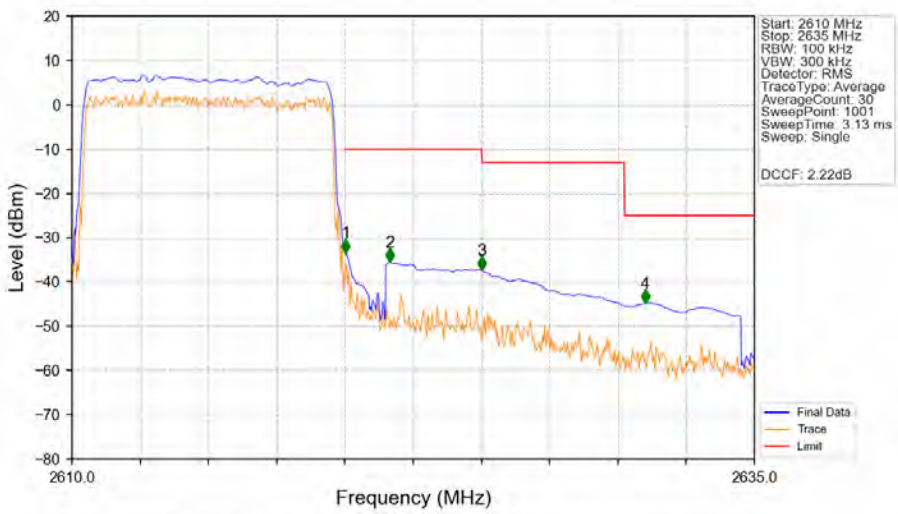


Band38_10MHz_64QAM_HCH_2615MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-37.58	-10	Pass
2621	2625	1	CHP	2	2621.500	-41.62	-10	Pass
2625	2630.237	1	CHP	3	2625.005	-49.21	-13	Pass
2630.237	2635	1	CHP	4	2631.895	-52.47	-25	Pass

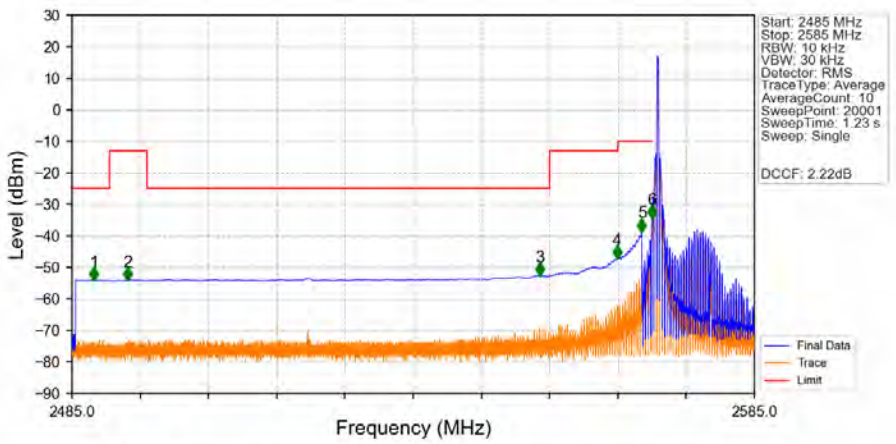
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.205	CHP	/	/	/	/	/
2620	2621	0.205	CHP	1	2620.025	-33.41	-10	Pass
2621	2625	1	CHP	2	2621.650	-35.53	-10	Pass
2625	2630.237	1	CHP	3	2625.025	-37.40	-13	Pass
2630.237	2635	1	CHP	4	2631.000	-44.77	-25	Pass

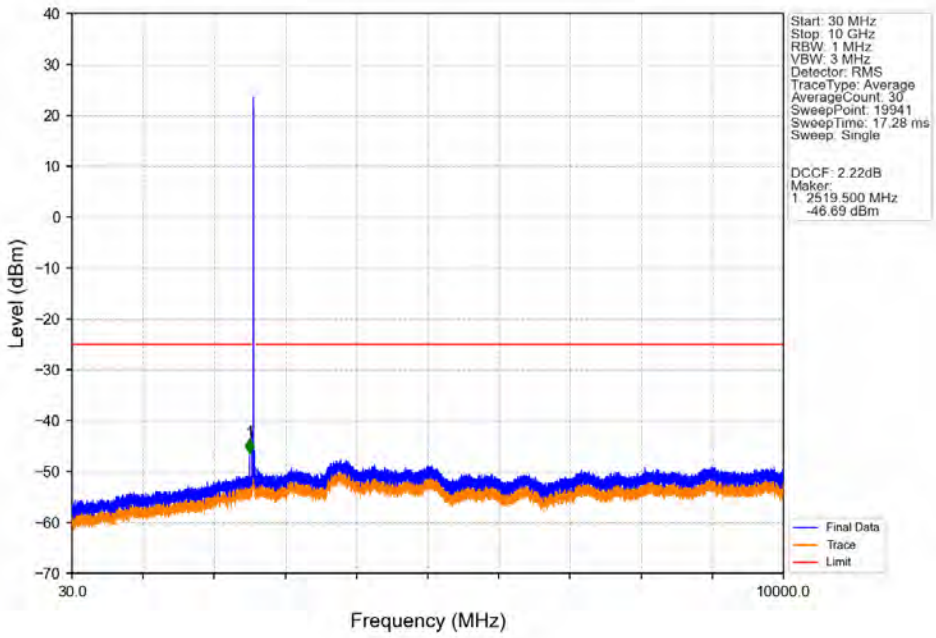
5.2.3 B38_15MHz

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

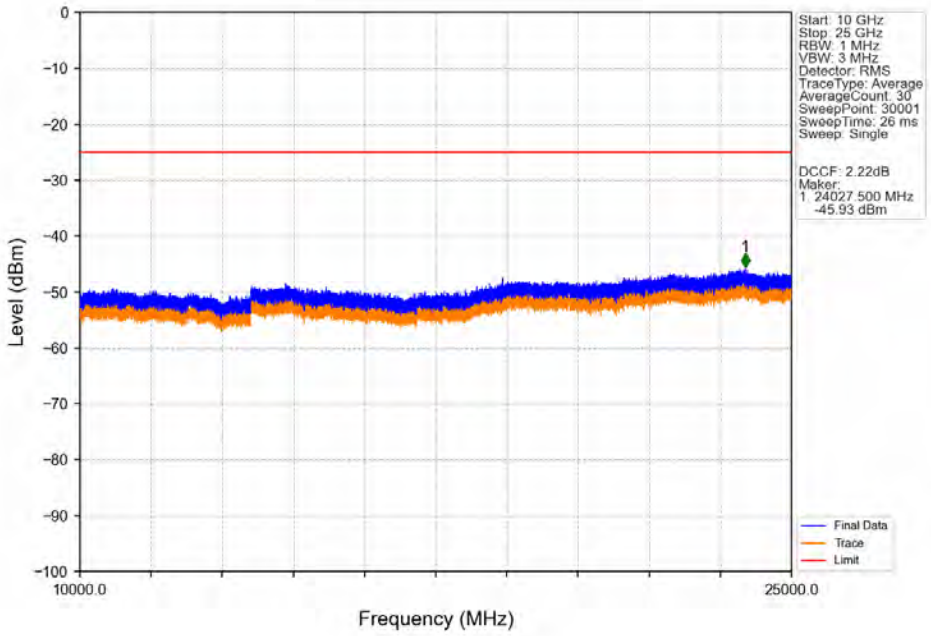


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.250	-54.01	-25	Pass
2490.5	2496	1	CHP	2	2493.150	-53.97	-13	Pass
2496	2554.985	1	CHP	3	2553.510	-52.53	-25	Pass
2554.985	2565	1	CHP	4	2564.880	-47.03	-13	Pass
2565	2569	1	CHP	5	2568.500	-38.47	-10	Pass
2569	2570	0.02	CHP	6	2569.995	-34.25	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

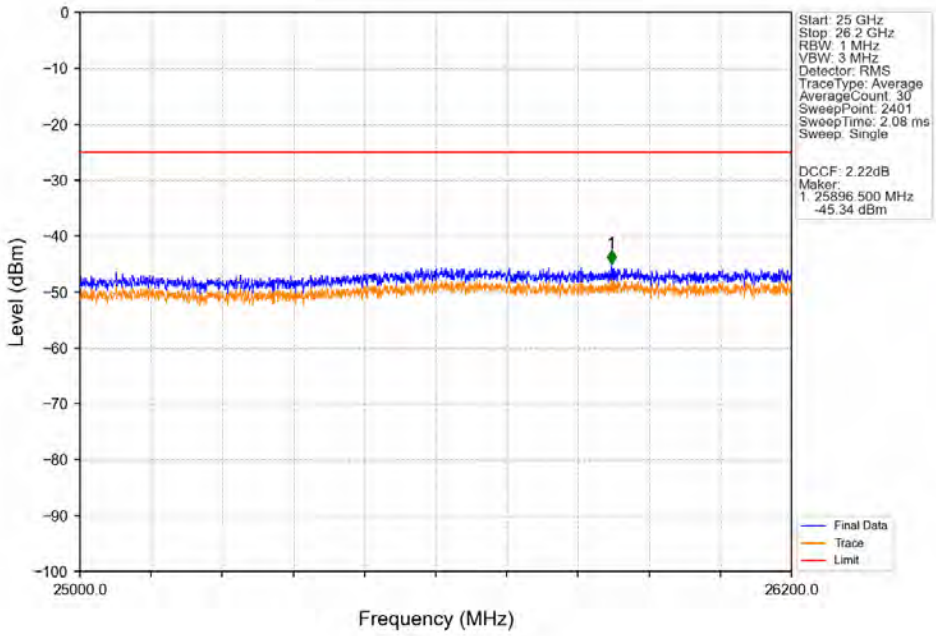
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



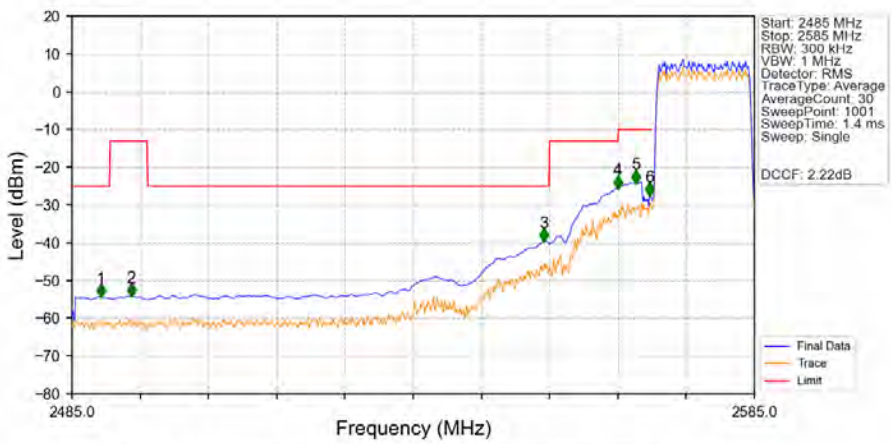
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

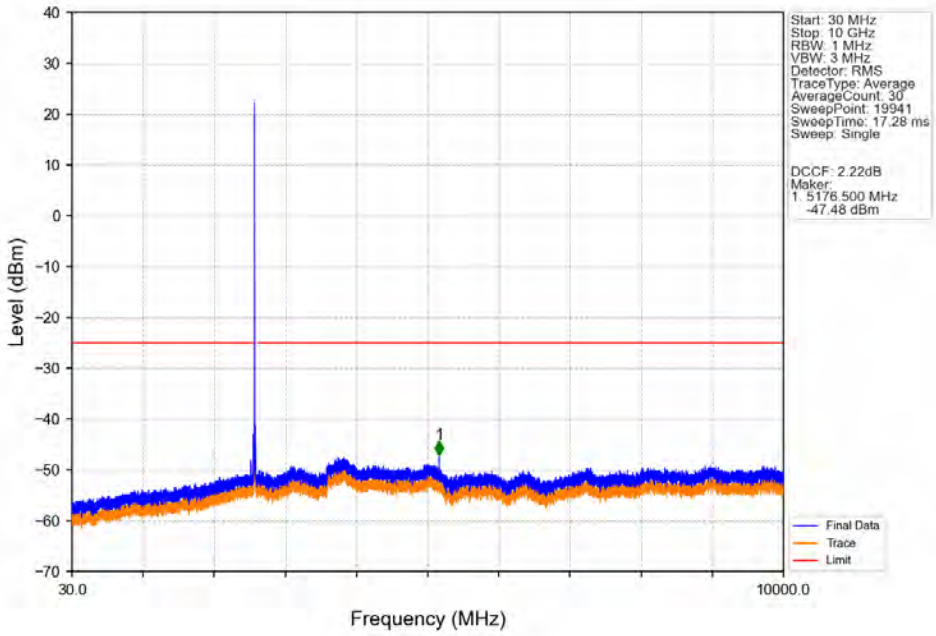


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV

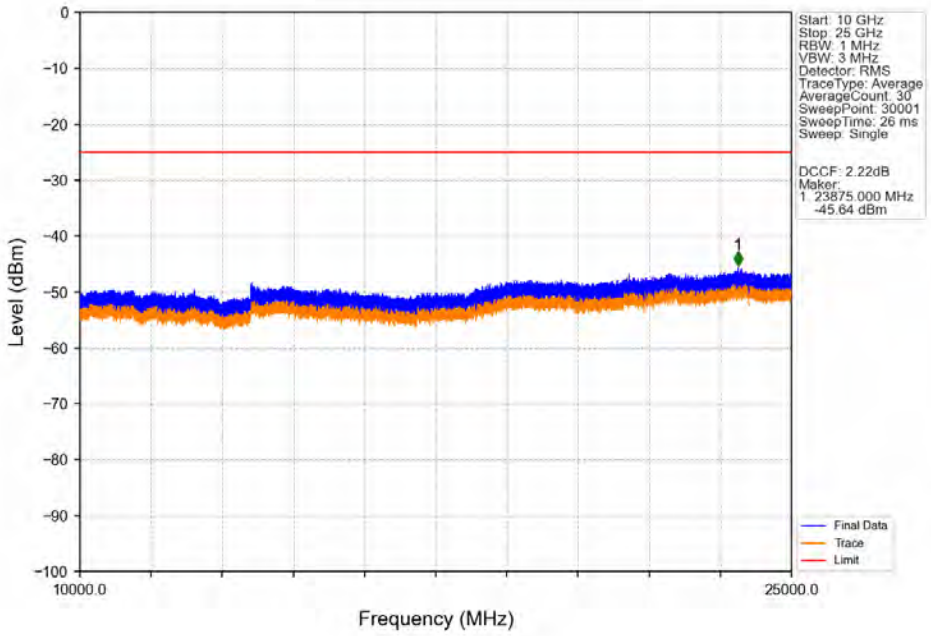


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.200	-54.26	-25	Pass
2490.5	2496	1	CHP	2	2493.700	-54.10	-13	Pass
2496	2554.985	1	CHP	3	2554.100	-39.52	-25	Pass
2554.985	2565	1	CHP	4	2565.000	-25.55	-13	Pass
2565	2569	1	CHP	5	2567.600	-24.00	-10	Pass
2569	2570	0.3	/	6	2569.600	-27.30	-10	Pass
2570	2585	0.3	/	/	/	/	/	/

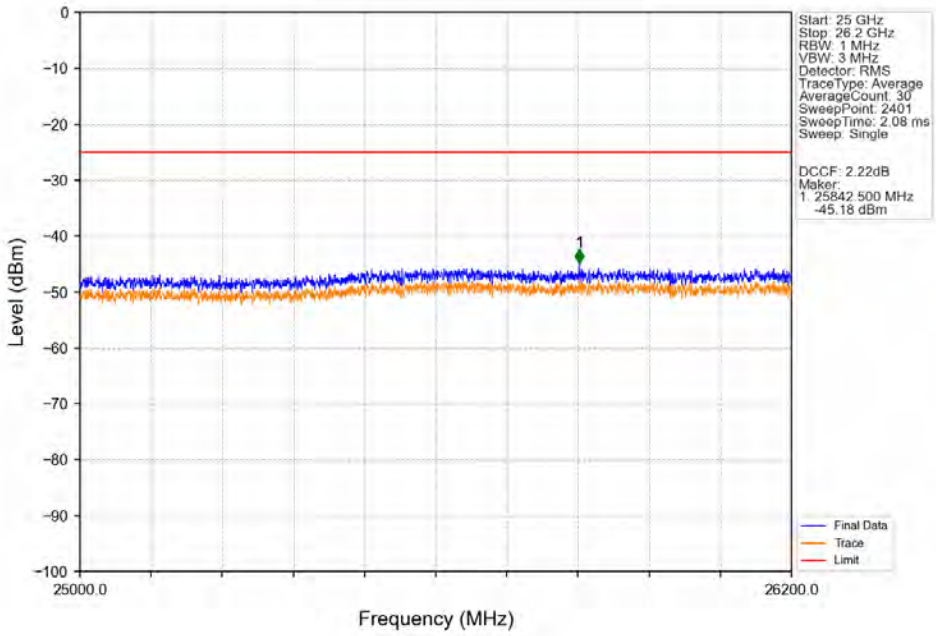
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



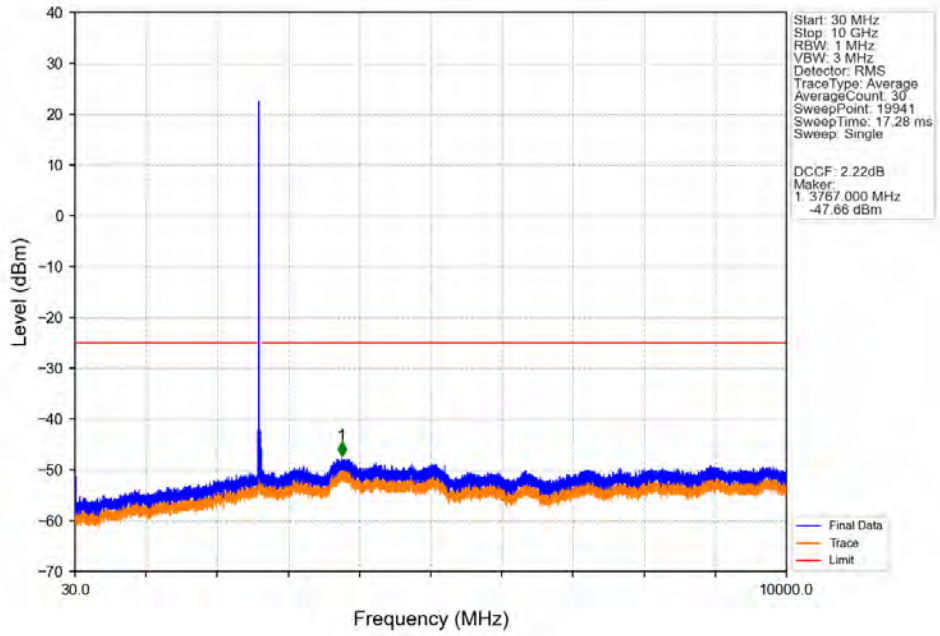
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



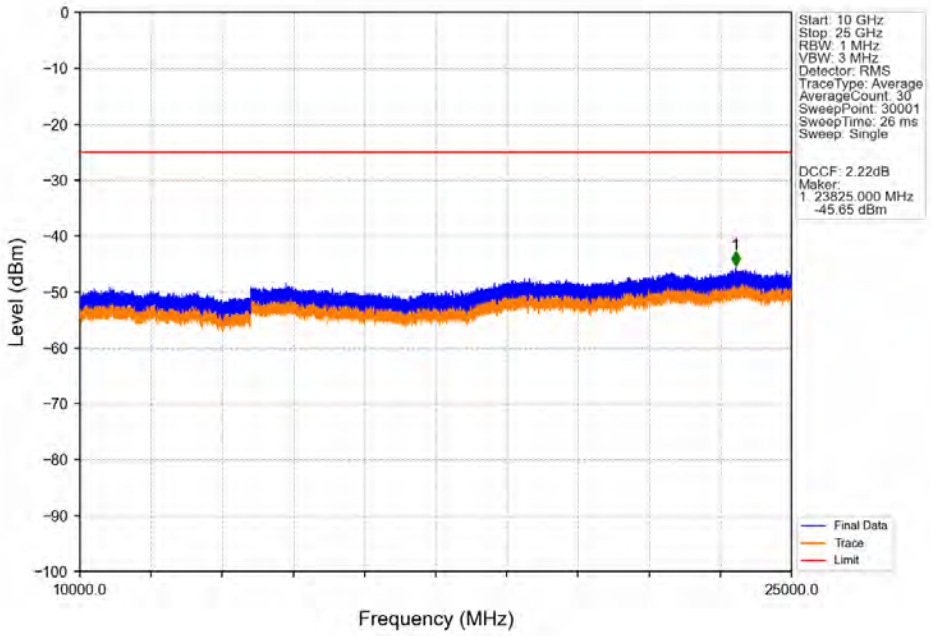
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



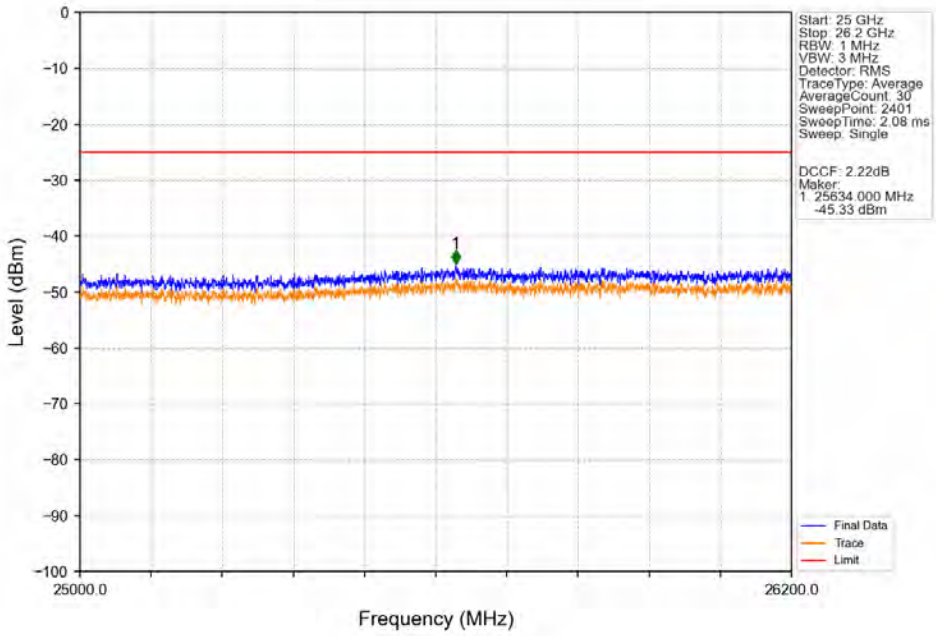
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



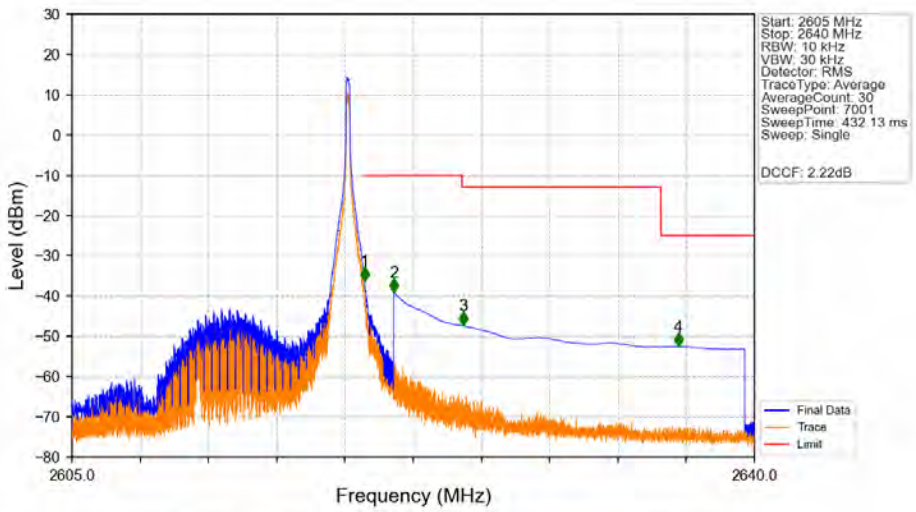
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-36.29	-10	Pass
2621	2625	1	CHP	2	2621.500	-39.14	-10	Pass
2625	2635.207	1	CHP	3	2625.060	-47.35	-13	Pass
2635.207	2640	1	CHP	4	2636.105	-52.58	-25	Pass