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	23.12	1.00	24.12	<=33.01	Pass
			13	23.18	1.00	24.18	<=33.01	Pass
			24	23.24	1.00	24.24	<=33.01	Pass
		12	0	22.11	1.00	23.11	<=33.01	Pass
			6	22.19	1.00	23.19	<=33.01	Pass
			13	22.29	1.00	23.29	<=33.01	Pass
		25	0	22.32	1.00	23.32	<=33.01	Pass
	2595	1	0	22.93	1.00	23.93	<=33.01	Pass
			13	23.17	1.00	24.17	<=33.01	Pass
			24	23.13	1.00	24.13	<=33.01	Pass
		12	0	22.05	1.00	23.05	<=33.01	Pass
			6	22.18	1.00	23.18	<=33.01	Pass
			13	22.24	1.00	23.24	<=33.01	Pass
		25	0	22.32	1.00	23.32	<=33.01	Pass
	2617.5	1	0	22.63	1.00	23.63	<=33.01	Pass
			13	22.63	1.00	23.63	<=33.01	Pass
			24	22.60	1.00	23.60	<=33.01	Pass
		12	0	21.76	1.00	22.76	<=33.01	Pass
			6	21.76	1.00	22.76	<=33.01	Pass
			13	21.77	1.00	22.77	<=33.01	Pass
		25	0	21.78	1.00	22.78	<=33.01	Pass
16QAM	2572.5	1	0	22.33	1.00	23.33	<=33.01	Pass
			13	22.13	1.00	23.13	<=33.01	Pass
			24	22.35	1.00	23.35	<=33.01	Pass
		12	0	21.26	1.00	22.26	<=33.01	Pass
			6	21.26	1.00	22.26	<=33.01	Pass
			13	21.27	1.00	22.27	<=33.01	Pass
		25	0	21.33	1.00	22.33	<=33.01	Pass
	2595	1	0	22.43	1.00	23.43	<=33.01	Pass
			13	22.21	1.00	23.21	<=33.01	Pass
			24	22.30	1.00	23.30	<=33.01	Pass
		12	0	20.79	1.00	21.79	<=33.01	Pass
			6	21.22	1.00	22.22	<=33.01	Pass
			13	21.20	1.00	22.20	<=33.01	Pass
		25	0	21.31	1.00	22.31	<=33.01	Pass
	2617.5	1	0	21.80	1.00	22.80	<=33.01	Pass
			13	21.81	1.00	22.81	<=33.01	Pass
			24	21.87	1.00	22.87	<=33.01	Pass
		12	0	20.73	1.00	21.73	<=33.01	Pass
			6	20.75	1.00	21.75	<=33.01	Pass
			13	20.75	1.00	21.75	<=33.01	Pass
		25	0	20.78	1.00	21.78	<=33.01	Pass
64QAM	2572.5	1	0	20.99	1.00	21.99	<=33.01	Pass
			13	20.96	1.00	21.96	<=33.01	Pass
			24	20.97	1.00	21.97	<=33.01	Pass
		12	0	20.34	1.00	21.34	<=33.01	Pass
			6	20.31	1.00	21.31	<=33.01	Pass
			13	20.33	1.00	21.33	<=33.01	Pass
		25	0	20.35	1.00	21.35	<=33.01	Pass

	2595	1	0	21.03	1.00	22.03	<=33.01	Pass
			13	20.96	1.00	21.96	<=33.01	Pass
			24	20.90	1.00	21.90	<=33.01	Pass
		12	0	20.31	1.00	21.31	<=33.01	Pass
			6	20.30	1.00	21.30	<=33.01	Pass
			13	20.27	1.00	21.27	<=33.01	Pass
		25	0	20.33	1.00	21.33	<=33.01	Pass
	2617.5	1	0	20.42	1.00	21.42	<=33.01	Pass
			13	20.39	1.00	21.39	<=33.01	Pass
			24	20.46	1.00	21.46	<=33.01	Pass
		12	0	19.74	1.00	20.74	<=33.01	Pass
			6	19.67	1.00	20.67	<=33.01	Pass
			13	19.74	1.00	20.74	<=33.01	Pass
		25	0	19.83	1.00	20.83	<=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	23.29	1.00	24.29	<=33.01	Pass
			25	23.27	1.00	24.27	<=33.01	Pass
			49	23.33	1.00	24.33	<=33.01	Pass
		25	0	22.27	1.00	23.27	<=33.01	Pass
			13	22.32	1.00	23.32	<=33.01	Pass
			25	22.38	1.00	23.38	<=33.01	Pass
		50	0	22.23	1.00	23.23	<=33.01	Pass
	2595	1	0	23.31	1.00	24.31	<=33.01	Pass
			25	23.19	1.00	24.19	<=33.01	Pass
			49	23.10	1.00	24.10	<=33.01	Pass
		25	0	22.35	1.00	23.35	<=33.01	Pass
			13	22.28	1.00	23.28	<=33.01	Pass
			25	22.22	1.00	23.22	<=33.01	Pass
		50	0	22.23	1.00	23.23	<=33.01	Pass
	2615	1	0	22.59	1.00	23.59	<=33.01	Pass
			25	22.51	1.00	23.51	<=33.01	Pass
			49	22.71	1.00	23.71	<=33.01	Pass
		25	0	21.76	1.00	22.76	<=33.01	Pass
			13	21.78	1.00	22.78	<=33.01	Pass
			25	21.77	1.00	22.77	<=33.01	Pass
		50	0	21.78	1.00	22.78	<=33.01	Pass
16QAM	2575	1	0	22.29	1.00	23.29	<=33.01	Pass
			25	22.41	1.00	23.41	<=33.01	Pass
			49	22.43	1.00	23.43	<=33.01	Pass
		25	0	21.26	1.00	22.26	<=33.01	Pass
			13	21.33	1.00	22.33	<=33.01	Pass
			25	21.35	1.00	22.35	<=33.01	Pass
		50	0	21.31	1.00	22.31	<=33.01	Pass
	2595	1	0	22.40	1.00	23.40	<=33.01	Pass
			25	22.36	1.00	23.36	<=33.01	Pass
			49	22.19	1.00	23.19	<=33.01	Pass
		25	0	21.18	1.00	22.18	<=33.01	Pass
			13	21.26	1.00	22.26	<=33.01	Pass
			25	21.21	1.00	22.21	<=33.01	Pass
		50	0	21.24	1.00	22.24	<=33.01	Pass
	2615	1	0	21.87	1.00	22.87	<=33.01	Pass

			25	21.81	1.00	22.81	<=33.01	Pass
			49	21.86	1.00	22.86	<=33.01	Pass
		25	0	20.77	1.00	21.77	<=33.01	Pass
			13	20.75	1.00	21.75	<=33.01	Pass
			25	20.69	1.00	21.69	<=33.01	Pass
		50	0	20.80	1.00	21.80	<=33.01	Pass
64QAM	2575	1	0	20.94	1.00	21.94	<=33.01	Pass
			25	20.96	1.00	21.96	<=33.01	Pass
			49	21.04	1.00	22.04	<=33.01	Pass
		25	0	20.34	1.00	21.34	<=33.01	Pass
			13	20.36	1.00	21.36	<=33.01	Pass
			25	20.41	1.00	21.41	<=33.01	Pass
		50	0	20.31	1.00	21.31	<=33.01	Pass
	2595	1	0	21.09	1.00	22.09	<=33.01	Pass
			25	20.94	1.00	21.94	<=33.01	Pass
			49	20.77	1.00	21.77	<=33.01	Pass
		25	0	20.38	1.00	21.38	<=33.01	Pass
			13	20.29	1.00	21.29	<=33.01	Pass
			25	20.26	1.00	21.26	<=33.01	Pass
		50	0	20.13	1.00	21.13	<=33.01	Pass
	2615	1	0	20.47	1.00	21.47	<=33.01	Pass
			25	20.39	1.00	21.39	<=33.01	Pass
			49	20.45	1.00	21.45	<=33.01	Pass
		25	0	19.80	1.00	20.80	<=33.01	Pass
			13	19.69	1.00	20.69	<=33.01	Pass
			25	19.63	1.00	20.63	<=33.01	Pass
		50	0	19.78	1.00	20.78	<=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	22.88	1.00	23.88	<=33.01	Pass
			38	23.36	1.00	24.36	<=33.01	Pass
			74	23.37	1.00	24.37	<=33.01	Pass
		36	0	22.32	1.00	23.32	<=33.01	Pass
			18	22.34	1.00	23.34	<=33.01	Pass
			39	22.36	1.00	23.36	<=33.01	Pass
		75	0	22.36	1.00	23.36	<=33.01	Pass
	2595	1	0	23.34	1.00	24.34	<=33.01	Pass
			38	23.22	1.00	24.22	<=33.01	Pass
			74	23.10	1.00	24.10	<=33.01	Pass
		36	0	22.35	1.00	23.35	<=33.01	Pass
			18	22.24	1.00	23.24	<=33.01	Pass
			39	22.15	1.00	23.15	<=33.01	Pass
		75	0	22.20	1.00	23.20	<=33.01	Pass
	2612.5	1	0	22.79	1.00	23.79	<=33.01	Pass
			38	22.54	1.00	23.54	<=33.01	Pass
			74	22.75	1.00	23.75	<=33.01	Pass
		36	0	21.59	1.00	22.59	<=33.01	Pass
			18	21.77	1.00	22.77	<=33.01	Pass
			39	21.76	1.00	22.76	<=33.01	Pass
		75	0	21.81	1.00	22.81	<=33.01	Pass
16QAM	2577.5	1	0	22.40	1.00	23.40	<=33.01	Pass
			38	22.41	1.00	23.41	<=33.01	Pass

			74	22.55	1.00	23.55	<=33.01	Pass
		36	0	21.29	1.00	22.29	<=33.01	Pass
			18	21.19	1.00	22.19	<=33.01	Pass
			39	21.36	1.00	22.36	<=33.01	Pass
		75	0	21.39	1.00	22.39	<=33.01	Pass
	2595	1	0	22.50	1.00	23.50	<=33.01	Pass
			38	22.35	1.00	23.35	<=33.01	Pass
			74	22.15	1.00	23.15	<=33.01	Pass
		36	0	21.35	1.00	22.35	<=33.01	Pass
			18	21.14	1.00	22.14	<=33.01	Pass
			39	21.13	1.00	22.13	<=33.01	Pass
		75	0	21.32	1.00	22.32	<=33.01	Pass
	2612.5	1	0	21.89	1.00	22.89	<=33.01	Pass
			38	21.71	1.00	22.71	<=33.01	Pass
			74	21.91	1.00	22.91	<=33.01	Pass
		36	0	20.40	1.00	21.40	<=33.01	Pass
			18	20.74	1.00	21.74	<=33.01	Pass
			39	20.74	1.00	21.74	<=33.01	Pass
		75	0	20.84	1.00	21.84	<=33.01	Pass
64QAM	2577.5	1	0	20.99	1.00	21.99	<=33.01	Pass
			38	21.00	1.00	22.00	<=33.01	Pass
			74	21.12	1.00	22.12	<=33.01	Pass
		36	0	20.32	1.00	21.32	<=33.01	Pass
			18	20.25	1.00	21.25	<=33.01	Pass
			39	20.39	1.00	21.39	<=33.01	Pass
		75	0	20.39	1.00	21.39	<=33.01	Pass
	2595	1	0	21.18	1.00	22.18	<=33.01	Pass
			38	20.93	1.00	21.93	<=33.01	Pass
			74	20.74	1.00	21.74	<=33.01	Pass
		36	0	20.36	1.00	21.36	<=33.01	Pass
			18	20.26	1.00	21.26	<=33.01	Pass
			39	20.14	1.00	21.14	<=33.01	Pass
		75	0	20.32	1.00	21.32	<=33.01	Pass
	2612.5	1	0	20.57	1.00	21.57	<=33.01	Pass
			38	20.39	1.00	21.39	<=33.01	Pass
			74	20.47	1.00	21.47	<=33.01	Pass
		36	0	19.80	1.00	20.80	<=33.01	Pass
			18	19.51	1.00	20.51	<=33.01	Pass
			39	19.50	1.00	20.50	<=33.01	Pass
		75	0	19.83	1.00	20.83	<=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	22.20	1.00	23.20	<=33.01	Pass
			50	23.40	1.00	24.40	<=33.01	Pass
			99	23.40	1.00	24.40	<=33.01	Pass
		50	0	22.35	1.00	23.35	<=33.01	Pass
			25	22.40	1.00	23.40	<=33.01	Pass
			50	22.46	1.00	23.46	<=33.01	Pass
		100	0	22.43	1.00	23.43	<=33.01	Pass
	2595	1	0	22.41	1.00	23.41	<=33.01	Pass
			50	23.26	1.00	24.26	<=33.01	Pass
			99	22.98	1.00	23.98	<=33.01	Pass

		50	0	22.40	1.00	23.40	<=33.01	Pass
			25	22.29	1.00	23.29	<=33.01	Pass
			50	22.19	1.00	23.19	<=33.01	Pass
		100	0	22.30	1.00	23.30	<=33.01	Pass
	2610	1	0	22.87	1.00	23.87	<=33.01	Pass
			50	22.68	1.00	23.68	<=33.01	Pass
			99	22.71	1.00	23.71	<=33.01	Pass
		50	0	21.88	1.00	22.88	<=33.01	Pass
			25	21.85	1.00	22.85	<=33.01	Pass
			50	21.79	1.00	22.79	<=33.01	Pass
		100	0	21.84	1.00	22.84	<=33.01	Pass
16QAM	2580	1	0	22.38	1.00	23.38	<=33.01	Pass
			50	22.49	1.00	23.49	<=33.01	Pass
			99	22.55	1.00	23.55	<=33.01	Pass
		50	0	21.40	1.00	22.40	<=33.01	Pass
			25	21.43	1.00	22.43	<=33.01	Pass
			50	21.40	1.00	22.40	<=33.01	Pass
		100	0	21.45	1.00	22.45	<=33.01	Pass
	2595	1	0	22.62	1.00	23.62	<=33.01	Pass
			50	22.26	1.00	23.26	<=33.01	Pass
			99	22.11	1.00	23.11	<=33.01	Pass
		50	0	21.45	1.00	22.45	<=33.01	Pass
			25	21.29	1.00	22.29	<=33.01	Pass
			50	21.20	1.00	22.20	<=33.01	Pass
		100	0	21.30	1.00	22.30	<=33.01	Pass
	2610	1	0	22.03	1.00	23.03	<=33.01	Pass
			50	21.82	1.00	22.82	<=33.01	Pass
			99	21.88	1.00	22.88	<=33.01	Pass
		50	0	20.95	1.00	21.95	<=33.01	Pass
			25	20.85	1.00	21.85	<=33.01	Pass
			50	20.81	1.00	21.81	<=33.01	Pass
		100	0	20.82	1.00	21.82	<=33.01	Pass
64QAM	2580	1	0	21.03	1.00	22.03	<=33.01	Pass
			50	21.10	1.00	22.10	<=33.01	Pass
			99	21.15	1.00	22.15	<=33.01	Pass
		50	0	20.31	1.00	21.31	<=33.01	Pass
			25	20.43	1.00	21.43	<=33.01	Pass
			50	20.37	1.00	21.37	<=33.01	Pass
		100	0	20.40	1.00	21.40	<=33.01	Pass
	2595	1	0	21.19	1.00	22.19	<=33.01	Pass
			50	20.96	1.00	21.96	<=33.01	Pass
			99	20.71	1.00	21.71	<=33.01	Pass
		50	0	20.45	1.00	21.45	<=33.01	Pass
			25	20.27	1.00	21.27	<=33.01	Pass
			50	20.20	1.00	21.20	<=33.01	Pass
		100	0	20.28	1.00	21.28	<=33.01	Pass
	2610	1	0	20.70	1.00	21.70	<=33.01	Pass
			50	20.50	1.00	21.50	<=33.01	Pass
			99	20.50	1.00	21.50	<=33.01	Pass
		50	0	19.94	1.00	20.94	<=33.01	Pass
			25	19.85	1.00	20.85	<=33.01	Pass
			50	19.72	1.00	20.72	<=33.01	Pass
		100	0	19.66	1.00	20.66	<=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	3.3	-344.500	-0.1339	-2.5 to 2.5	Pass
					3.92	-350.400	-0.1362	-2.5 to 2.5	Pass
					4.53	-18.500	-0.0072	-2.5 to 2.5	Pass
				-30	3.92	-5.600	-0.0022	-2.5 to 2.5	Pass
				-20	3.92	1.300	0.0005	-2.5 to 2.5	Pass
				-10	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				0	3.92	4.200	0.0016	-2.5 to 2.5	Pass
				10	3.92	7.300	0.0028	-2.5 to 2.5	Pass
				30	3.92	-2.200	-0.0009	-2.5 to 2.5	Pass
				40	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				50	3.92	-5.600	-0.0022	-2.5 to 2.5	Pass
	2595	25	0	20	3.3	1.400	0.0005	-2.5 to 2.5	Pass
					3.92	-17.000	-0.0066	-2.5 to 2.5	Pass
					4.53	-2.200	-0.0008	-2.5 to 2.5	Pass
				-30	3.92	-4.600	-0.0018	-2.5 to 2.5	Pass
				-20	3.92	4.700	0.0018	-2.5 to 2.5	Pass
				-10	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				0	3.92	3.200	0.0012	-2.5 to 2.5	Pass
				10	3.92	-5.900	-0.0023	-2.5 to 2.5	Pass
				30	3.92	5.800	0.0022	-2.5 to 2.5	Pass
				40	3.92	-11.300	-0.0044	-2.5 to 2.5	Pass
				50	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.3	-9.800	-0.0037	-2.5 to 2.5	Pass
					3.92	-3.100	-0.0012	-2.5 to 2.5	Pass
					4.53	-14.100	-0.0054	-2.5 to 2.5	Pass
				-30	3.92	3.500	0.0013	-2.5 to 2.5	Pass
				-20	3.92	-3.800	-0.0015	-2.5 to 2.5	Pass
				-10	3.92	4.600	0.0018	-2.5 to 2.5	Pass
				0	3.92	-5.300	-0.0020	-2.5 to 2.5	Pass
				10	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				30	3.92	-8.400	-0.0032	-2.5 to 2.5	Pass
				40	3.92	2.700	0.0010	-2.5 to 2.5	Pass
				50	3.92	-7.400	-0.0028	-2.5 to 2.5	Pass
16QAM	2572.5	25	0	20	3.3	-4.400	-0.0017	-2.5 to 2.5	Pass
					3.92	-2.900	-0.0011	-2.5 to 2.5	Pass
					4.53	1.900	0.0007	-2.5 to 2.5	Pass
				-30	3.92	-0.400	-0.0002	-2.5 to 2.5	Pass
				-20	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				-10	3.92	-0.600	-0.0002	-2.5 to 2.5	Pass
				0	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				10	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				30	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				40	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				50	3.92	-23.600	-0.0092	-2.5 to 2.5	Pass
	2595	25	0	20	3.3	-4.700	-0.0018	-2.5 to 2.5	Pass
					3.92	4.400	0.0017	-2.5 to 2.5	Pass
					4.53	-2.800	-0.0011	-2.5 to 2.5	Pass
				-30	3.92	3.900	0.0015	-2.5 to 2.5	Pass
				-20	3.92	-3.500	-0.0013	-2.5 to 2.5	Pass

				-10	3.92	5.200	0.0020	-2.5 to 2.5	Pass
				0	3.92	-6.000	-0.0023	-2.5 to 2.5	Pass
				10	3.92	6.400	0.0025	-2.5 to 2.5	Pass
				30	3.92	-6.100	-0.0024	-2.5 to 2.5	Pass
				40	3.92	3.500	0.0013	-2.5 to 2.5	Pass
				50	3.92	-6.400	-0.0025	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.3	-0.100	0.0000	-2.5 to 2.5	Pass
					3.92	-6.800	-0.0026	-2.5 to 2.5	Pass
					4.53	6.000	0.0023	-2.5 to 2.5	Pass
				-30	3.92	-5.700	-0.0022	-2.5 to 2.5	Pass
				-20	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				-10	3.92	-7.900	-0.0030	-2.5 to 2.5	Pass
				0	3.92	-0.500	-0.0002	-2.5 to 2.5	Pass
				10	3.92	-7.700	-0.0029	-2.5 to 2.5	Pass
				30	3.92	-12.600	-0.0048	-2.5 to 2.5	Pass
				40	3.92	-41.800	-0.0160	-2.5 to 2.5	Pass
				50	3.92	-23.100	-0.0088	-2.5 to 2.5	Pass
64QAM	2572.5	25	0	20	3.3	-42.900	-0.0167	-2.5 to 2.5	Pass
					3.92	-15.100	-0.0059	-2.5 to 2.5	Pass
					4.53	-8.200	-0.0032	-2.5 to 2.5	Pass
				-30	3.92	45.500	0.0177	-2.5 to 2.5	Pass
				-20	3.92	55.500	0.0216	-2.5 to 2.5	Pass
				-10	3.92	12.100	0.0047	-2.5 to 2.5	Pass
				0	3.92	5.000	0.0019	-2.5 to 2.5	Pass
				10	3.92	-4.500	-0.0017	-2.5 to 2.5	Pass
				30	3.92	3.800	0.0015	-2.5 to 2.5	Pass
				40	3.92	-7.900	-0.0031	-2.5 to 2.5	Pass
				50	3.92	0.700	0.0003	-2.5 to 2.5	Pass
	2595	25	0	20	3.3	-3.700	-0.0014	-2.5 to 2.5	Pass
					3.92	3.000	0.0012	-2.5 to 2.5	Pass
					4.53	0.400	0.0002	-2.5 to 2.5	Pass
				-30	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				-20	3.92	0.800	0.0003	-2.5 to 2.5	Pass
				-10	3.92	-34.400	-0.0133	-2.5 to 2.5	Pass
				0	3.92	-28.200	-0.0109	-2.5 to 2.5	Pass
				10	3.92	16.100	0.0062	-2.5 to 2.5	Pass
				30	3.92	60.600	0.0234	-2.5 to 2.5	Pass
				40	3.92	43.500	0.0168	-2.5 to 2.5	Pass
				50	3.92	17.300	0.0067	-2.5 to 2.5	Pass
	2617.5	25	0	20	3.3	29.400	0.0112	-2.5 to 2.5	Pass
					3.92	25.100	0.0096	-2.5 to 2.5	Pass
					4.53	-0.500	-0.0002	-2.5 to 2.5	Pass
				-30	3.92	-10.400	-0.0040	-2.5 to 2.5	Pass
				-20	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				-10	3.92	-12.900	-0.0049	-2.5 to 2.5	Pass
				0	3.92	-5.900	-0.0023	-2.5 to 2.5	Pass
				10	3.92	-10.200	-0.0039	-2.5 to 2.5	Pass
				30	3.92	-39.200	-0.0150	-2.5 to 2.5	Pass
				40	3.92	-22.100	-0.0084	-2.5 to 2.5	Pass
				50	3.92	-14.100	-0.0054	-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	3.3	0.800	0.0003	-2.5 to 2.5	Pass

					3.92	-2.200	-0.0009	-2.5 to 2.5	Pass
					4.53	5.100	0.0020	-2.5 to 2.5	Pass
				-30	3.92	0.300	0.0001	-2.5 to 2.5	Pass
				-20	3.92	3.000	0.0012	-2.5 to 2.5	Pass
				-10	3.92	-4.300	-0.0017	-2.5 to 2.5	Pass
				0	3.92	3.200	0.0012	-2.5 to 2.5	Pass
				10	3.92	-3.600	-0.0014	-2.5 to 2.5	Pass
				30	3.92	7.200	0.0028	-2.5 to 2.5	Pass
				40	3.92	-6.100	-0.0024	-2.5 to 2.5	Pass
				50	3.92	1.700	0.0007	-2.5 to 2.5	Pass
	2595	50	0	20	3.3	3.600	0.0014	-2.5 to 2.5	Pass
					3.92	1.400	0.0005	-2.5 to 2.5	Pass
					4.53	-2.300	-0.0009	-2.5 to 2.5	Pass
				-30	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				-20	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				-10	3.92	3.900	0.0015	-2.5 to 2.5	Pass
				0	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				10	3.92	2.500	0.0010	-2.5 to 2.5	Pass
				30	3.92	-42.600	-0.0164	-2.5 to 2.5	Pass
				40	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				50	3.92	-4.000	-0.0015	-2.5 to 2.5	Pass
	2615	50	0	20	3.3	2.800	0.0011	-2.5 to 2.5	Pass
					3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
					4.53	0.700	0.0003	-2.5 to 2.5	Pass
				-30	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.92	1.000	0.0004	-2.5 to 2.5	Pass
				-10	3.92	4.900	0.0019	-2.5 to 2.5	Pass
				0	3.92	-35.000	-0.0134	-2.5 to 2.5	Pass
				10	3.92	-21.400	-0.0082	-2.5 to 2.5	Pass
				30	3.92	21.000	0.0080	-2.5 to 2.5	Pass
				40	3.92	46.200	0.0177	-2.5 to 2.5	Pass
				50	3.92	12.700	0.0049	-2.5 to 2.5	Pass
16QAM	2575	50	0	20	3.3	-10.900	-0.0042	-2.5 to 2.5	Pass
					3.92	8.500	0.0033	-2.5 to 2.5	Pass
					4.53	-6.300	-0.0024	-2.5 to 2.5	Pass
				-30	3.92	6.700	0.0026	-2.5 to 2.5	Pass
				-20	3.92	-6.700	-0.0026	-2.5 to 2.5	Pass
				-10	3.92	6.900	0.0027	-2.5 to 2.5	Pass
				0	3.92	-3.000	-0.0012	-2.5 to 2.5	Pass
				10	3.92	6.000	0.0023	-2.5 to 2.5	Pass
				30	3.92	-4.100	-0.0016	-2.5 to 2.5	Pass
				40	3.92	4.700	0.0018	-2.5 to 2.5	Pass
				50	3.92	-2.500	-0.0010	-2.5 to 2.5	Pass
	2595	50	0	20	3.3	41.900	0.0161	-2.5 to 2.5	Pass
					3.92	21.900	0.0084	-2.5 to 2.5	Pass
					4.53	-0.800	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-6.600	-0.0025	-2.5 to 2.5	Pass
				-10	3.92	-3.200	-0.0012	-2.5 to 2.5	Pass
				0	3.92	-2.300	-0.0009	-2.5 to 2.5	Pass
				10	3.92	2.800	0.0011	-2.5 to 2.5	Pass
				30	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				40	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				50	3.92	-4.000	-0.0015	-2.5 to 2.5	Pass
	2615	50	0	20	3.3	-2.900	-0.0011	-2.5 to 2.5	Pass
					3.92	-6.300	-0.0024	-2.5 to 2.5	Pass
					4.53	-2.000	-0.0008	-2.5 to 2.5	Pass
				-30	3.92	1.500	0.0006	-2.5 to 2.5	Pass
				-20	3.92	-2.200	-0.0008	-2.5 to 2.5	Pass

				-10	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				0	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				10	3.92	-1.800	-0.0007	-2.5 to 2.5	Pass
				30	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				40	3.92	-4.300	-0.0016	-2.5 to 2.5	Pass
				50	3.92	2.400	0.0009	-2.5 to 2.5	Pass
64QAM	2575	50	0	20	3.3	0.000	0.0000	-2.5 to 2.5	Pass
					3.92	4.900	0.0019	-2.5 to 2.5	Pass
					4.53	2.400	0.0009	-2.5 to 2.5	Pass
				-30	3.92	8.200	0.0032	-2.5 to 2.5	Pass
				-20	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
				0	3.92	2.900	0.0011	-2.5 to 2.5	Pass
				10	3.92	-1.900	-0.0007	-2.5 to 2.5	Pass
				30	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				40	3.92	4.200	0.0016	-2.5 to 2.5	Pass
				50	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
	2595	50	0	20	3.3	-7.400	-0.0029	-2.5 to 2.5	Pass
					3.92	0.100	0.0000	-2.5 to 2.5	Pass
					4.53	-10.000	-0.0039	-2.5 to 2.5	Pass
				-30	3.92	5.300	0.0020	-2.5 to 2.5	Pass
				-20	3.92	-8.500	-0.0033	-2.5 to 2.5	Pass
				-10	3.92	6.100	0.0024	-2.5 to 2.5	Pass
				0	3.92	-10.900	-0.0042	-2.5 to 2.5	Pass
				10	3.92	3.000	0.0012	-2.5 to 2.5	Pass
				30	3.92	-4.300	-0.0017	-2.5 to 2.5	Pass
				40	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				50	3.92	-8.400	-0.0032	-2.5 to 2.5	Pass
	2615	50	0	20	3.3	-6.200	-0.0024	-2.5 to 2.5	Pass
					3.92	1.500	0.0006	-2.5 to 2.5	Pass
					4.53	-10.500	-0.0040	-2.5 to 2.5	Pass
				-30	3.92	2.800	0.0011	-2.5 to 2.5	Pass
				-20	3.92	-10.600	-0.0041	-2.5 to 2.5	Pass
				-10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.92	-9.600	-0.0037	-2.5 to 2.5	Pass
				10	3.92	1.200	0.0005	-2.5 to 2.5	Pass
				30	3.92	-6.100	-0.0023	-2.5 to 2.5	Pass
				40	3.92	3.400	0.0013	-2.5 to 2.5	Pass
				50	3.92	-4.500	-0.0017	-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	3.3	-0.100	0.0000	-2.5 to 2.5	Pass
					3.92	3.200	0.0012	-2.5 to 2.5	Pass
					4.53	1.000	0.0004	-2.5 to 2.5	Pass
				-30	3.92	5.400	0.0021	-2.5 to 2.5	Pass
				-20	3.92	-4.400	-0.0017	-2.5 to 2.5	Pass
				-10	3.92	5.000	0.0019	-2.5 to 2.5	Pass
				0	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
				10	3.92	7.200	0.0028	-2.5 to 2.5	Pass
				30	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				40	3.92	7.300	0.0028	-2.5 to 2.5	Pass
				50	3.92	-7.000	-0.0027	-2.5 to 2.5	Pass
	2595	75	0	20	3.3	1.800	0.0007	-2.5 to 2.5	Pass

					3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
					4.53	-3.800	-0.0015	-2.5 to 2.5	Pass
				-30	3.92	3.500	0.0013	-2.5 to 2.5	Pass
				-20	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				-10	3.92	-20.200	-0.0078	-2.5 to 2.5	Pass
				0	3.92	-2.700	-0.0010	-2.5 to 2.5	Pass
				10	3.92	-7.400	-0.0029	-2.5 to 2.5	Pass
				30	3.92	54.500	0.0210	-2.5 to 2.5	Pass
				40	3.92	4.800	0.0018	-2.5 to 2.5	Pass
				50	3.92	1.600	0.0006	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.3	1.800	0.0007	-2.5 to 2.5	Pass
					3.92	-5.500	-0.0021	-2.5 to 2.5	Pass
					4.53	5.900	0.0023	-2.5 to 2.5	Pass
				-30	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				-20	3.92	3.000	0.0011	-2.5 to 2.5	Pass
				-10	3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
				0	3.92	1.800	0.0007	-2.5 to 2.5	Pass
				10	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				30	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				40	3.92	3.300	0.0013	-2.5 to 2.5	Pass
				50	3.92	1.300	0.0005	-2.5 to 2.5	Pass
16QAM	2577.5	75	0	20	3.3	-26.200	-0.0102	-2.5 to 2.5	Pass
					3.92	7.500	0.0029	-2.5 to 2.5	Pass
					4.53	-10.500	-0.0041	-2.5 to 2.5	Pass
				-30	3.92	44.600	0.0173	-2.5 to 2.5	Pass
				-20	3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
				-10	3.92	0.500	0.0002	-2.5 to 2.5	Pass
				0	3.92	-12.600	-0.0049	-2.5 to 2.5	Pass
				10	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				30	3.92	-11.900	-0.0046	-2.5 to 2.5	Pass
				40	3.92	6.200	0.0024	-2.5 to 2.5	Pass
				50	3.92	-4.800	-0.0019	-2.5 to 2.5	Pass
	2595	75	0	20	3.3	-12.600	-0.0049	-2.5 to 2.5	Pass
					3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
					4.53	-11.100	-0.0043	-2.5 to 2.5	Pass
				-30	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	-10.400	-0.0040	-2.5 to 2.5	Pass
				-10	3.92	-38.500	-0.0148	-2.5 to 2.5	Pass
				0	3.92	6.000	0.0023	-2.5 to 2.5	Pass
				10	3.92	-11.700	-0.0045	-2.5 to 2.5	Pass
				30	3.92	47.600	0.0183	-2.5 to 2.5	Pass
				40	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				50	3.92	-3.300	-0.0013	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.3	-39.500	-0.0151	-2.5 to 2.5	Pass
					3.92	-17.100	-0.0065	-2.5 to 2.5	Pass
					4.53	18.100	0.0069	-2.5 to 2.5	Pass
				-30	3.92	44.500	0.0170	-2.5 to 2.5	Pass
				-20	3.92	19.300	0.0074	-2.5 to 2.5	Pass
				-10	3.92	-1.300	-0.0005	-2.5 to 2.5	Pass
				0	3.92	-5.600	-0.0021	-2.5 to 2.5	Pass
				10	3.92	-4.800	-0.0018	-2.5 to 2.5	Pass
				30	3.92	-6.400	-0.0024	-2.5 to 2.5	Pass
				40	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				50	3.92	2.200	0.0008	-2.5 to 2.5	Pass
64QAM	2577.5	75	0	20	3.3	4.700	0.0018	-2.5 to 2.5	Pass
					3.92	0.200	0.0001	-2.5 to 2.5	Pass
					4.53	5.600	0.0022	-2.5 to 2.5	Pass
				-30	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.92	4.300	0.0017	-2.5 to 2.5	Pass

				-10	3.92	-2.600	-0.0010	-2.5 to 2.5	Pass
				0	3.92	2.100	0.0008	-2.5 to 2.5	Pass
				10	3.92	1.100	0.0004	-2.5 to 2.5	Pass
				30	3.92	3.800	0.0015	-2.5 to 2.5	Pass
				40	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				50	3.92	1.400	0.0005	-2.5 to 2.5	Pass
	2595	75	0	20	3.3	0.000	0.0000	-2.5 to 2.5	Pass
					3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
					4.53	-4.000	-0.0015	-2.5 to 2.5	Pass
				-30	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				-20	3.92	-0.900	-0.0003	-2.5 to 2.5	Pass
				-10	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				0	3.92	-1.700	-0.0007	-2.5 to 2.5	Pass
				10	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				30	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				40	3.92	-1.400	-0.0005	-2.5 to 2.5	Pass
				50	3.92	1.500	0.0006	-2.5 to 2.5	Pass
	2612.5	75	0	20	3.3	3.400	0.0013	-2.5 to 2.5	Pass
					3.92	-7.500	-0.0029	-2.5 to 2.5	Pass
					4.53	4.000	0.0015	-2.5 to 2.5	Pass
				-30	3.92	-10.600	-0.0041	-2.5 to 2.5	Pass
				-20	3.92	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.92	-25.500	-0.0098	-2.5 to 2.5	Pass
				0	3.92	-5.400	-0.0021	-2.5 to 2.5	Pass
				10	3.92	-10.700	-0.0041	-2.5 to 2.5	Pass
				30	3.92	45.500	0.0174	-2.5 to 2.5	Pass
				40	3.92	-1.600	-0.0006	-2.5 to 2.5	Pass
				50	3.92	1.600	0.0006	-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	3.3	3.600	0.0014	-2.5 to 2.5	Pass
					3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
					4.53	-2.500	-0.0010	-2.5 to 2.5	Pass
				-30	3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				-10	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				0	3.92	3.900	0.0015	-2.5 to 2.5	Pass
				10	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				30	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				40	3.92	-1.000	-0.0004	-2.5 to 2.5	Pass
				50	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
	2595	100	0	20	3.3	-8.300	-0.0032	-2.5 to 2.5	Pass
					3.92	0.200	0.0001	-2.5 to 2.5	Pass
					4.53	-3.100	-0.0012	-2.5 to 2.5	Pass
				-30	3.92	3.300	0.0013	-2.5 to 2.5	Pass
				-20	3.92	-8.800	-0.0034	-2.5 to 2.5	Pass
				-10	3.92	4.600	0.0018	-2.5 to 2.5	Pass
				0	3.92	-8.000	-0.0031	-2.5 to 2.5	Pass
				10	3.92	5.400	0.0021	-2.5 to 2.5	Pass
				30	3.92	-6.300	-0.0024	-2.5 to 2.5	Pass
				40	3.92	4.000	0.0015	-2.5 to 2.5	Pass
				50	3.92	-4.800	-0.0018	-2.5 to 2.5	Pass
	2610	100	0	20	3.3	1.400	0.0005	-2.5 to 2.5	Pass

					3.92	-1.100	-0.0004	-2.5 to 2.5	Pass
					4.53	2.700	0.0010	-2.5 to 2.5	Pass
				-30	3.92	6.200	0.0024	-2.5 to 2.5	Pass
				-20	3.92	5.300	0.0020	-2.5 to 2.5	Pass
				-10	3.92	0.400	0.0002	-2.5 to 2.5	Pass
				0	3.92	3.600	0.0014	-2.5 to 2.5	Pass
				10	3.92	2.000	0.0008	-2.5 to 2.5	Pass
				30	3.92	7.300	0.0028	-2.5 to 2.5	Pass
				40	3.92	1.400	0.0005	-2.5 to 2.5	Pass
				50	3.92	3.200	0.0012	-2.5 to 2.5	Pass
16QAM	2580	100	0	20	3.3	-1.900	-0.0007	-2.5 to 2.5	Pass
					3.92	4.200	0.0016	-2.5 to 2.5	Pass
					4.53	-5.900	-0.0023	-2.5 to 2.5	Pass
				-30	3.92	3.200	0.0012	-2.5 to 2.5	Pass
				-20	3.92	-8.900	-0.0034	-2.5 to 2.5	Pass
				-10	3.92	0.600	0.0002	-2.5 to 2.5	Pass
				0	3.92	-13.100	-0.0051	-2.5 to 2.5	Pass
				10	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				30	3.92	-13.300	-0.0052	-2.5 to 2.5	Pass
				40	3.92	-42.900	-0.0166	-2.5 to 2.5	Pass
				50	3.92	9.300	0.0036	-2.5 to 2.5	Pass
	2595	100	0	20	3.3	2.200	0.0008	-2.5 to 2.5	Pass
					3.92	-4.600	-0.0018	-2.5 to 2.5	Pass
					4.53	2.500	0.0010	-2.5 to 2.5	Pass
				-30	3.92	-10.000	-0.0039	-2.5 to 2.5	Pass
				-20	3.92	8.900	0.0034	-2.5 to 2.5	Pass
				-10	3.92	-5.700	-0.0022	-2.5 to 2.5	Pass
				0	3.92	3.200	0.0012	-2.5 to 2.5	Pass
				10	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				30	3.92	9.000	0.0035	-2.5 to 2.5	Pass
				40	3.92	-0.800	-0.0003	-2.5 to 2.5	Pass
				50	3.92	4.100	0.0016	-2.5 to 2.5	Pass
	2610	100	0	20	3.3	5.200	0.0020	-2.5 to 2.5	Pass
					3.92	-0.700	-0.0003	-2.5 to 2.5	Pass
					4.53	5.000	0.0019	-2.5 to 2.5	Pass
				-30	3.92	-5.500	-0.0021	-2.5 to 2.5	Pass
				-20	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				-10	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
				0	3.92	-0.300	-0.0001	-2.5 to 2.5	Pass
				10	3.92	-7.600	-0.0029	-2.5 to 2.5	Pass
				30	3.92	5.100	0.0020	-2.5 to 2.5	Pass
				40	3.92	-6.400	-0.0025	-2.5 to 2.5	Pass
				50	3.92	8.700	0.0033	-2.5 to 2.5	Pass
64QAM	2580	100	0	20	3.3	37.000	0.0143	-2.5 to 2.5	Pass
					3.92	27.000	0.0105	-2.5 to 2.5	Pass
					4.53	-4.500	-0.0017	-2.5 to 2.5	Pass
				-30	3.92	-3.400	-0.0013	-2.5 to 2.5	Pass
				-20	3.92	-1.200	-0.0005	-2.5 to 2.5	Pass
				-10	3.92	-5.400	-0.0021	-2.5 to 2.5	Pass
				0	3.92	-7.600	-0.0029	-2.5 to 2.5	Pass
				10	3.92	0.100	0.0000	-2.5 to 2.5	Pass
				30	3.92	1.900	0.0007	-2.5 to 2.5	Pass
				40	3.92	2.700	0.0010	-2.5 to 2.5	Pass
				50	3.92	-2.800	-0.0011	-2.5 to 2.5	Pass
	2595	100	0	20	3.3	3.800	0.0015	-2.5 to 2.5	Pass
					3.92	3.100	0.0012	-2.5 to 2.5	Pass
					4.53	4.200	0.0016	-2.5 to 2.5	Pass
				-30	3.92	-3.200	-0.0012	-2.5 to 2.5	Pass
				-20	3.92	3.600	0.0014	-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	-3.700	-0.0014	-2.5 to 2.5	Pass
				30	3.92	6.000	0.0023	-2.5 to 2.5	Pass
				40	3.92	-8.600	-0.0033	-2.5 to 2.5	Pass
				50	3.92	6.400	0.0025	-2.5 to 2.5	Pass
	2610	100	0	20	3.3	1.700	0.0007	-2.5 to 2.5	Pass
					3.92	6.200	0.0024	-2.5 to 2.5	Pass
					4.53	0.300	0.0001	-2.5 to 2.5	Pass
				-30	3.92	5.600	0.0021	-2.5 to 2.5	Pass
				-20	3.92	-2.000	-0.0008	-2.5 to 2.5	Pass
				-10	3.92	3.000	0.0011	-2.5 to 2.5	Pass
				0	3.92	1.600	0.0006	-2.5 to 2.5	Pass
				10	3.92	6.100	0.0023	-2.5 to 2.5	Pass
				30	3.92	-1.500	-0.0006	-2.5 to 2.5	Pass
				40	3.92	-0.100	0.0000	-2.5 to 2.5	Pass
				50	3.92	4.500	0.0017	-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	4.558	/	Pass
		2595	25	0	4.537	/	Pass
		2617.5	25	0	4.543	/	Pass
	16QAM	2572.5	25	0	4.569	/	Pass
		2595	25	0	4.564	/	Pass
		2617.5	25	0	4.569	/	Pass
	64QAM	2572.5	25	0	4.548	/	Pass
		2595	25	0	4.556	/	Pass
		2617.5	25	0	4.547	/	Pass
10	QPSK	2575	50	0	9.079	/	Pass
		2595	50	0	9.100	/	Pass
		2615	50	0	9.085	/	Pass
	16QAM	2575	50	0	9.066	/	Pass
		2595	50	0	9.065	/	Pass
		2615	50	0	9.050	/	Pass
	64QAM	2575	50	0	9.114	/	Pass
		2595	50	0	9.096	/	Pass
		2615	50	0	9.131	/	Pass
15	QPSK	2577.5	75	0	13.618	/	Pass
		2595	75	0	13.702	/	Pass
		2612.5	75	0	13.697	/	Pass
	16QAM	2577.5	75	0	13.604	/	Pass
		2595	75	0	13.620	/	Pass
		2612.5	75	0	13.617	/	Pass
	64QAM	2577.5	75	0	13.637	/	Pass
		2595	75	0	13.629	/	Pass
		2612.5	75	0	13.621	/	Pass
20	QPSK	2580	100	0	18.146	/	Pass
		2595	100	0	18.125	/	Pass
		2610	100	0	18.149	/	Pass
	16QAM	2580	100	0	18.186	/	Pass
		2595	100	0	18.235	/	Pass
		2610	100	0	18.175	/	Pass
	64QAM	2580	100	0	18.078	/	Pass
		2595	100	0	18.119	/	Pass
		2610	100	0	18.070	/	Pass

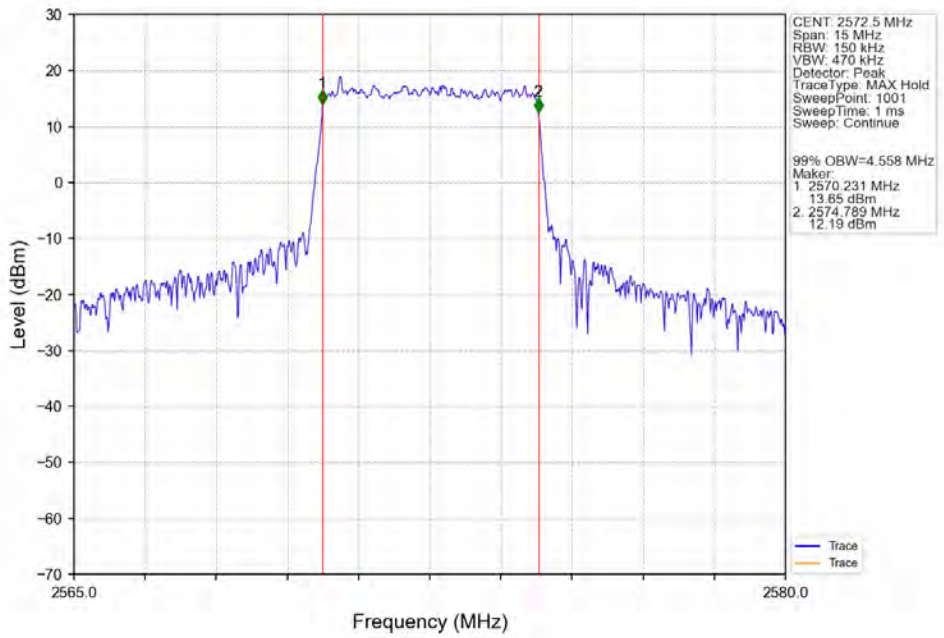
3.1.2 Band38_XDB

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.995	/	Pass
		2595	25	0	5.080	/	Pass
		2617.5	25	0	5.088	/	Pass
	16QAM	2572.5	25	0	5.446	/	Pass
		2595	25	0	5.494	/	Pass
		2617.5	25	0	5.342	/	Pass
	64QAM	2572.5	25	0	5.258	/	Pass
		2595	25	0	5.252	/	Pass
		2617.5	25	0	5.135	/	Pass
10	QPSK	2575	50	0	11.147	/	Pass
		2595	50	0	10.944	/	Pass
		2615	50	0	11.172	/	Pass
	16QAM	2575	50	0	10.750	/	Pass
		2595	50	0	10.616	/	Pass
		2615	50	0	10.732	/	Pass
	64QAM	2575	50	0	11.781	/	Pass
		2595	50	0	12.340	/	Pass
		2615	50	0	12.369	/	Pass
15	QPSK	2577.5	75	0	16.422	/	Pass
		2595	75	0	19.728	/	Pass
		2612.5	75	0	19.793	/	Pass
	16QAM	2577.5	75	0	16.470	/	Pass
		2595	75	0	16.899	/	Pass
		2612.5	75	0	16.714	/	Pass
	64QAM	2577.5	75	0	18.302	/	Pass
		2595	75	0	19.283	/	Pass
		2612.5	75	0	19.461	/	Pass
20	QPSK	2580	100	0	24.292	/	Pass
		2595	100	0	21.159	/	Pass
		2610	100	0	22.367	/	Pass
	16QAM	2580	100	0	24.921	/	Pass
		2595	100	0	26.711	/	Pass
		2610	100	0	25.938	/	Pass
	64QAM	2580	100	0	21.226	/	Pass
		2595	100	0	23.243	/	Pass
		2610	100	0	21.688	/	Pass

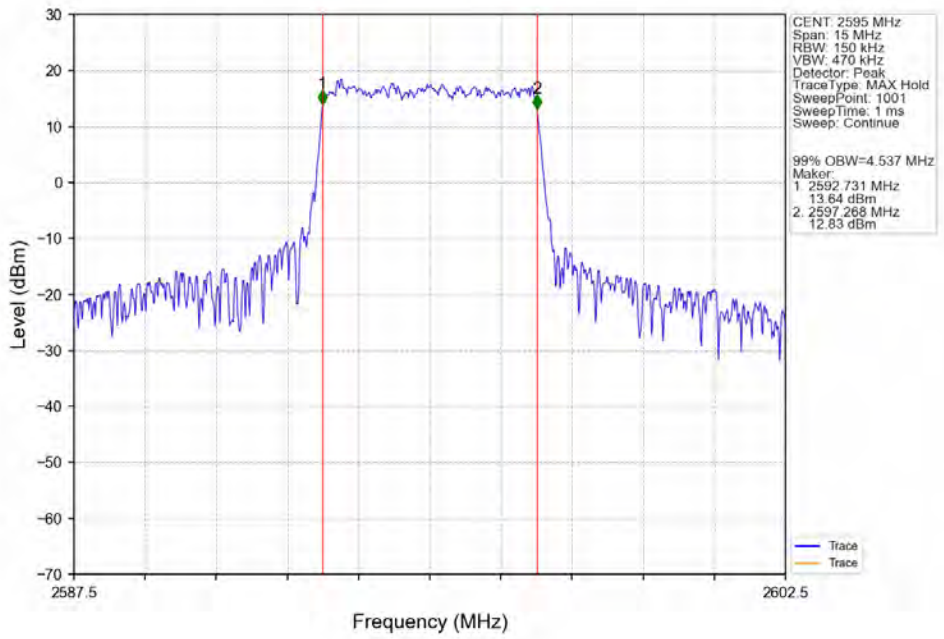
3.2 Test Graph

3.2.1 Band38_OBW

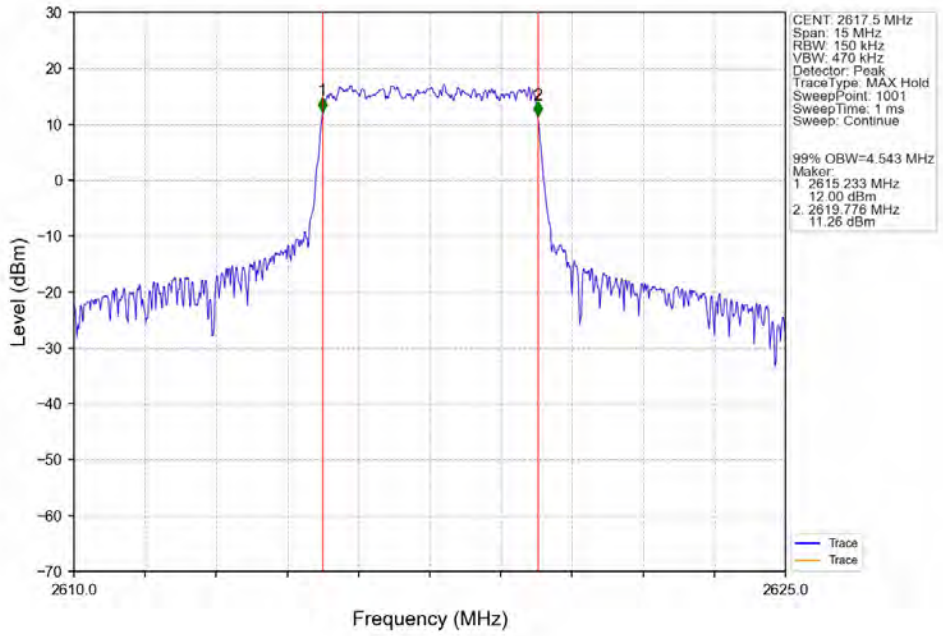
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



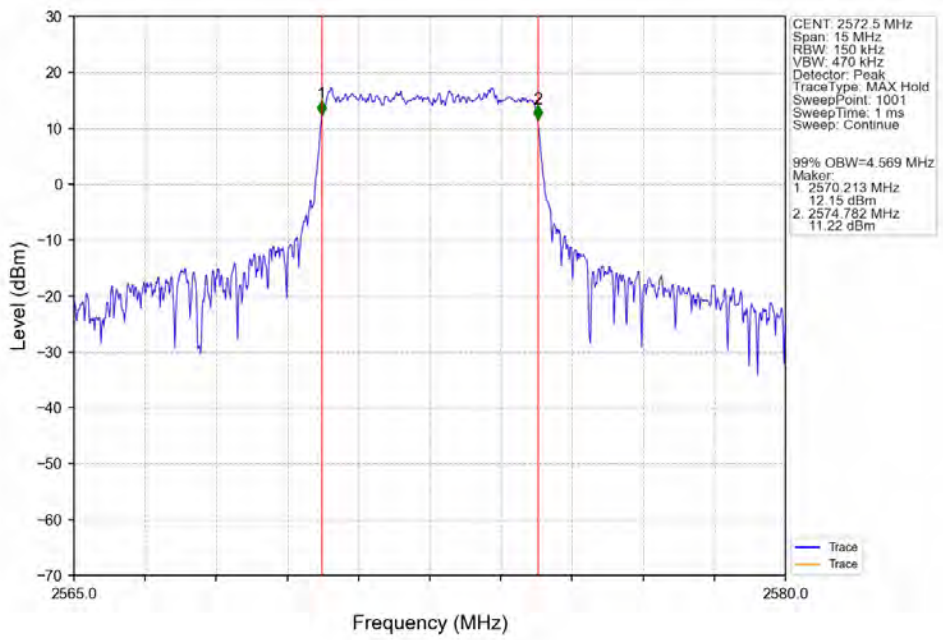
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



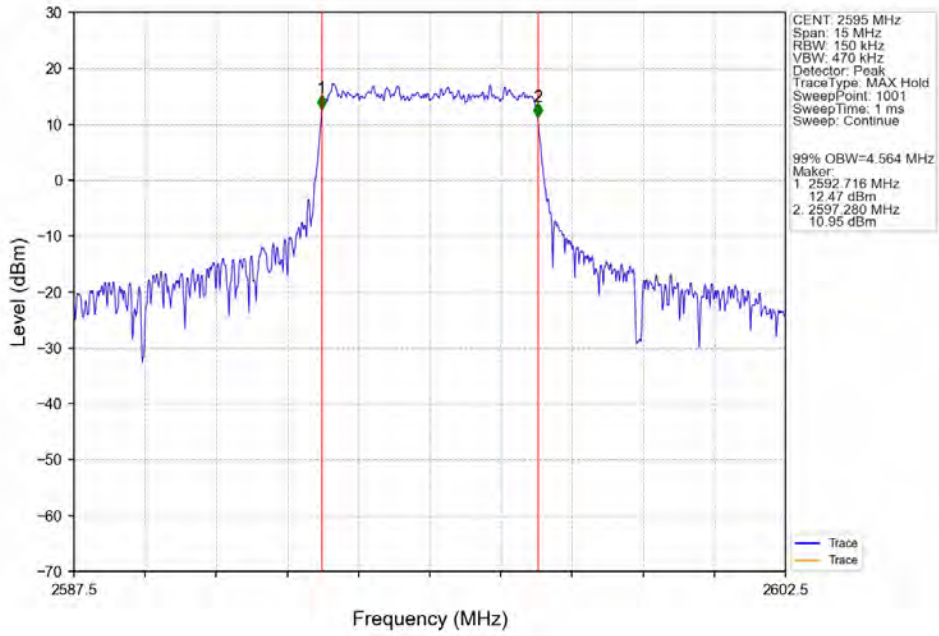
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



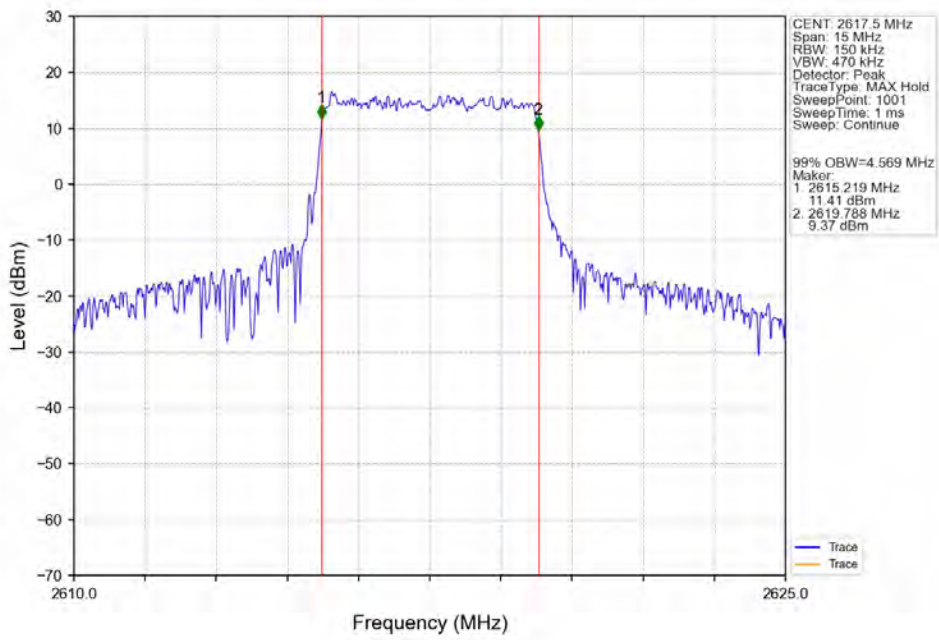
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



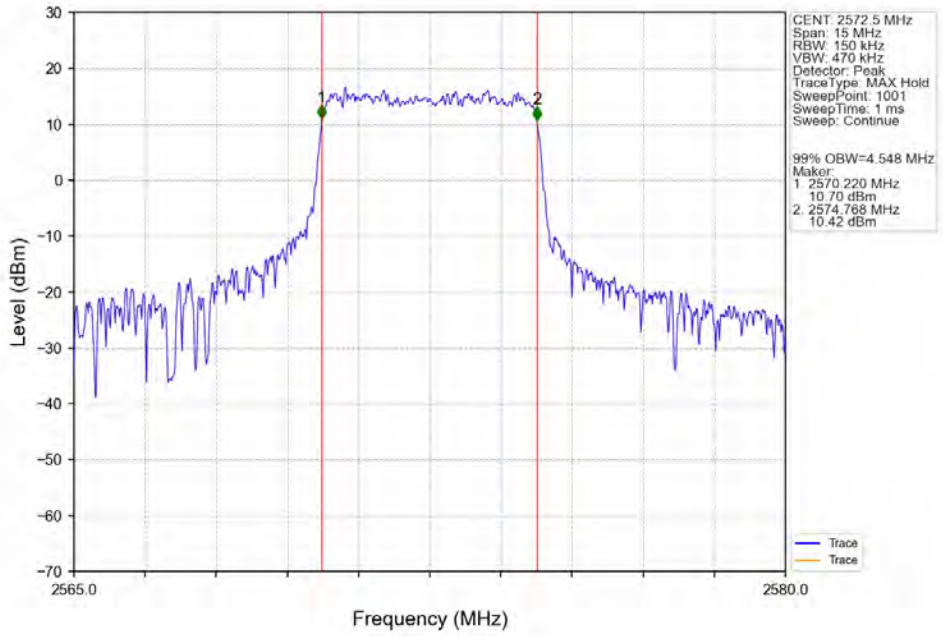
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



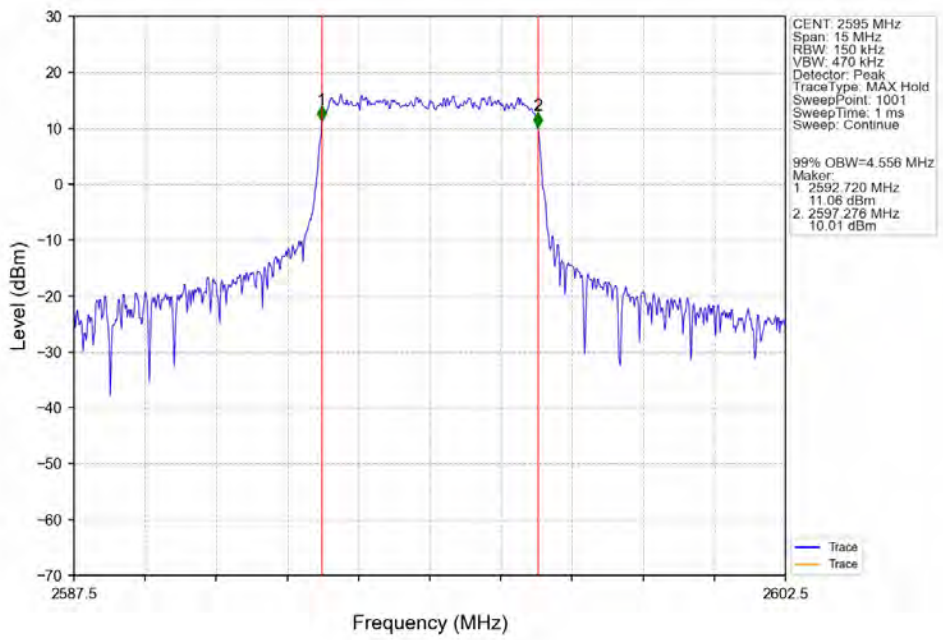
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



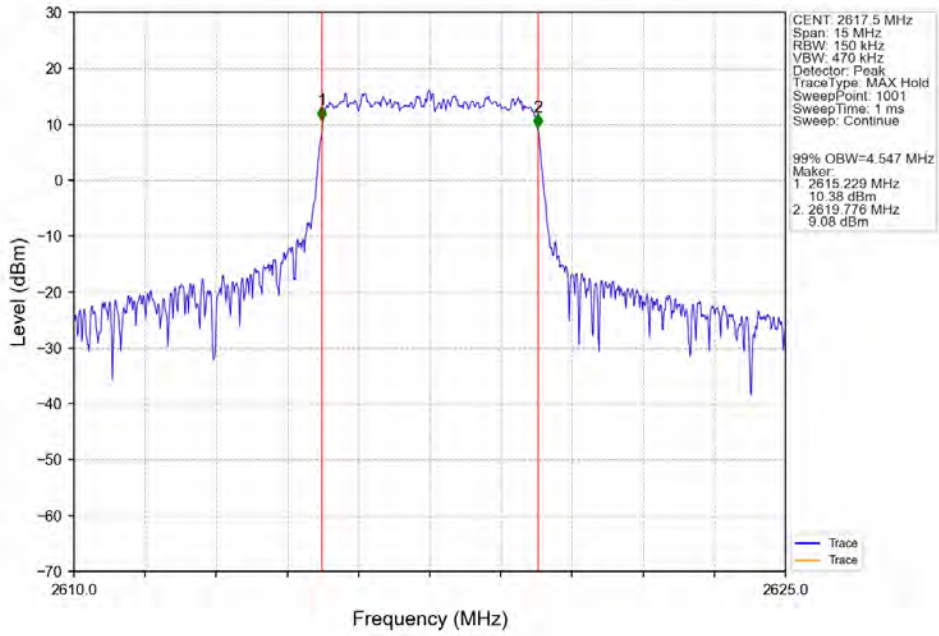
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



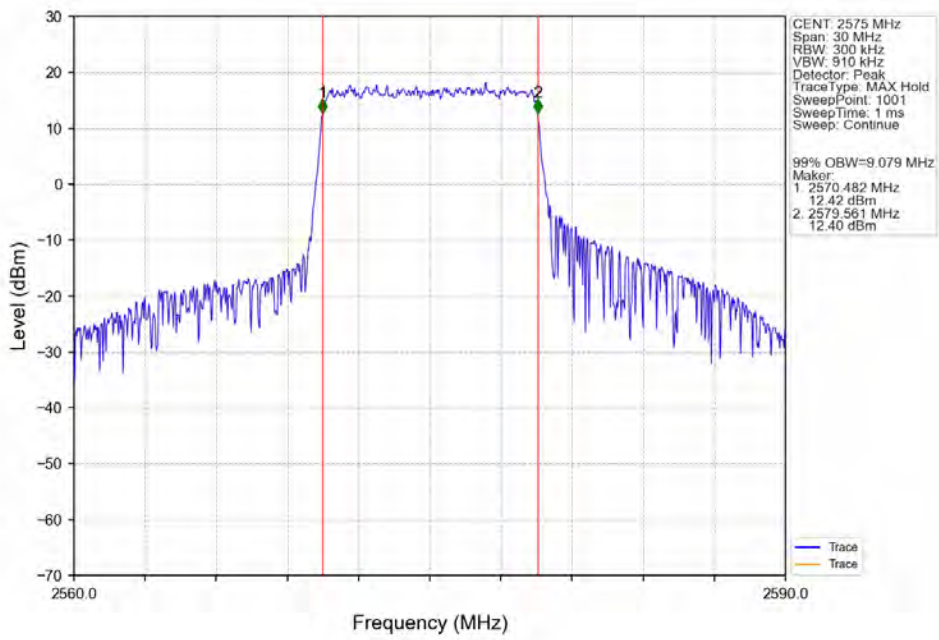
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



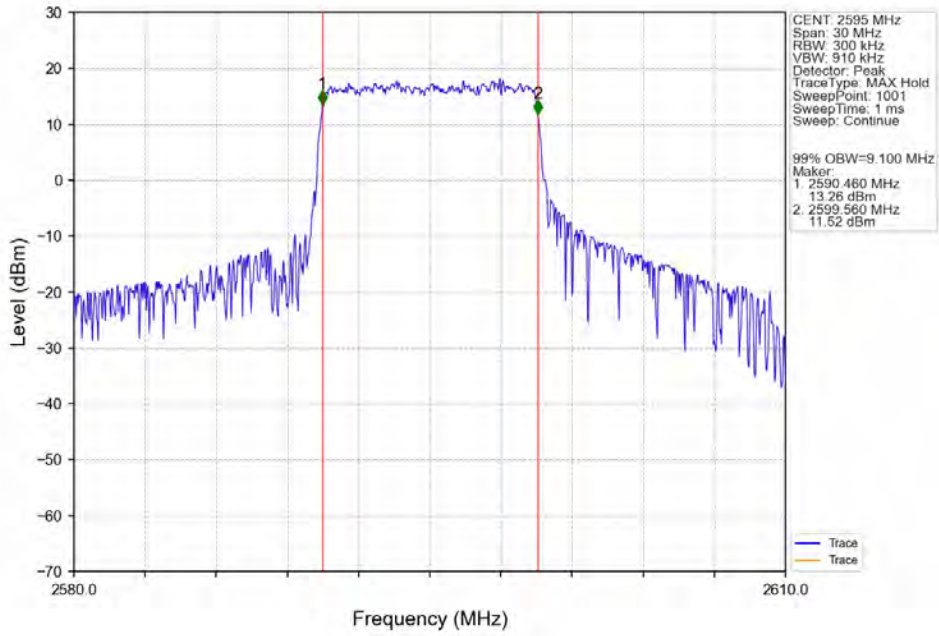
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



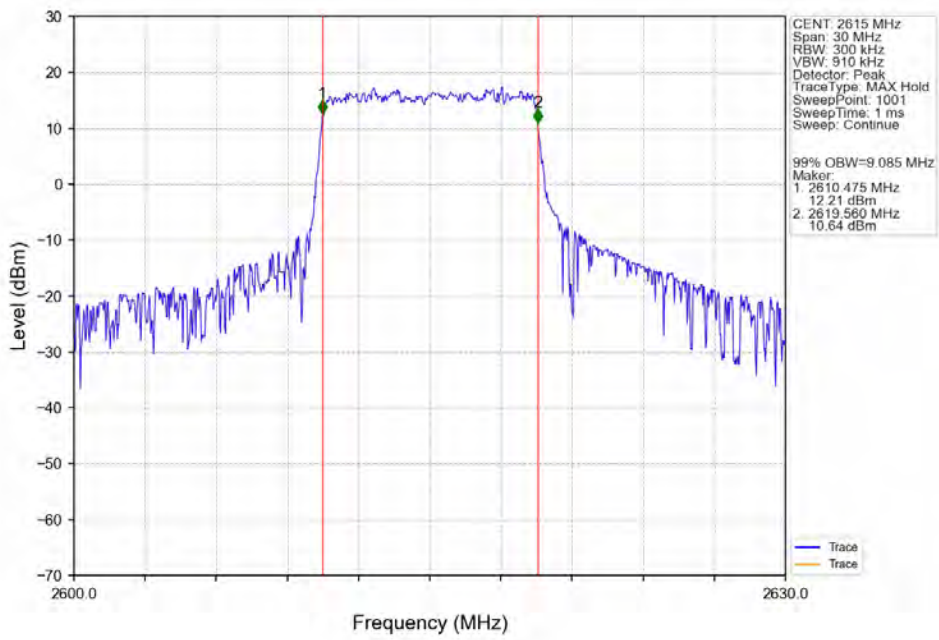
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



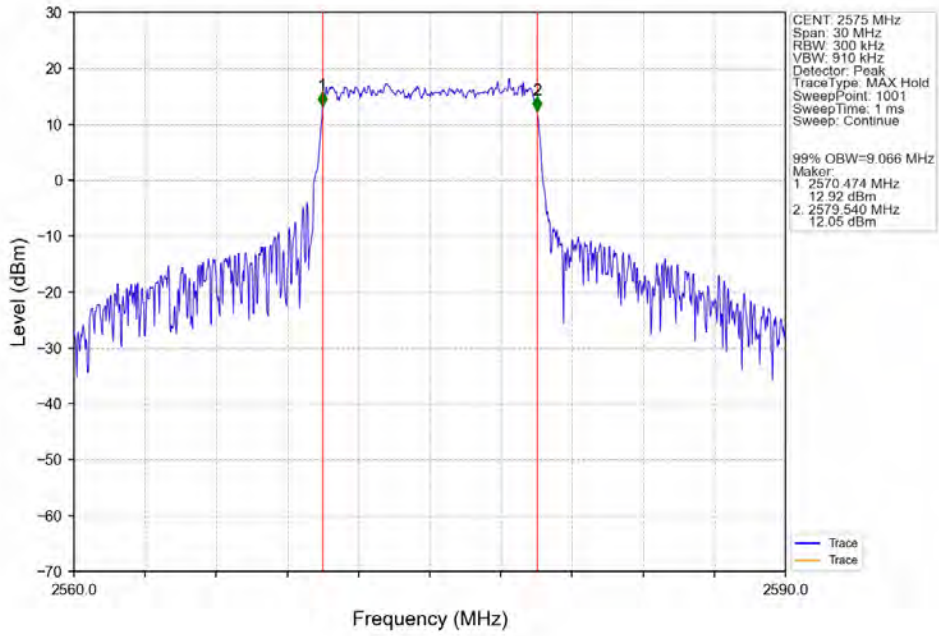
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



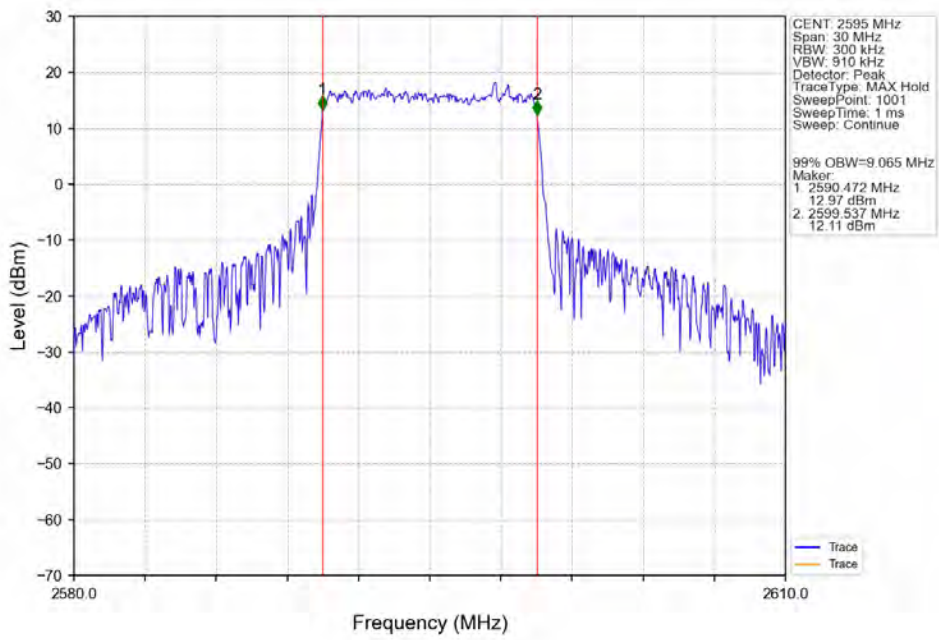
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



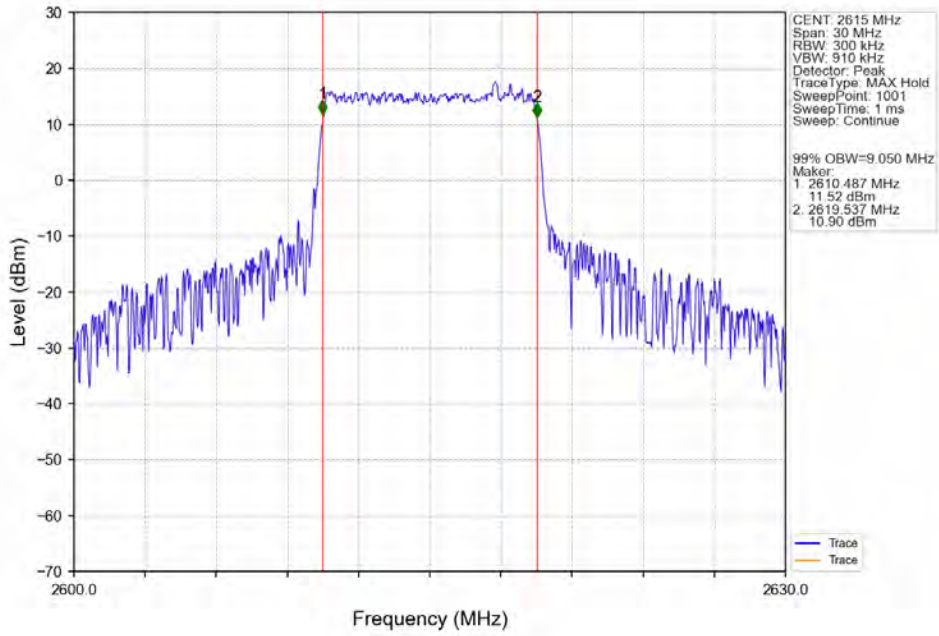
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



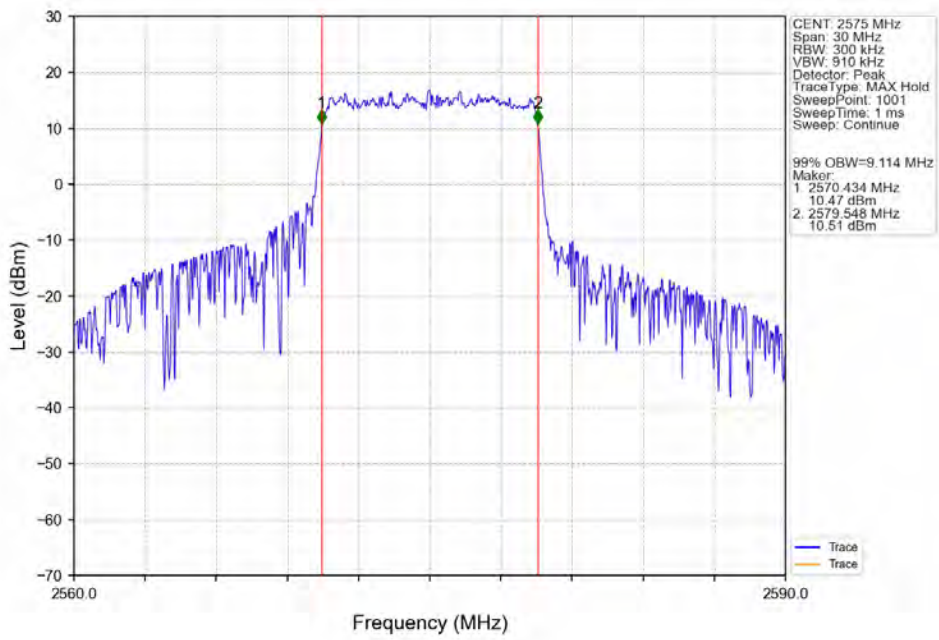
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



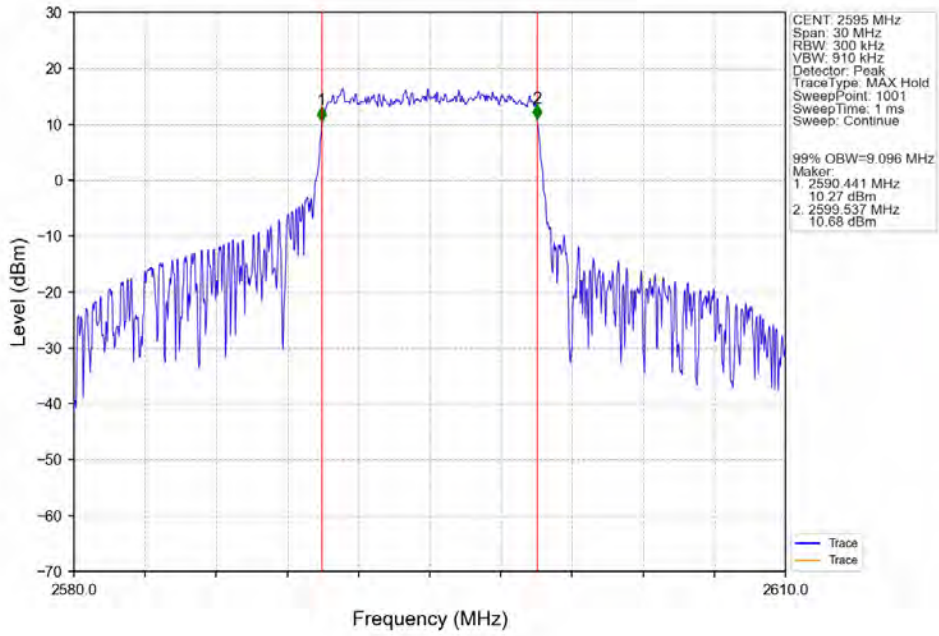
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



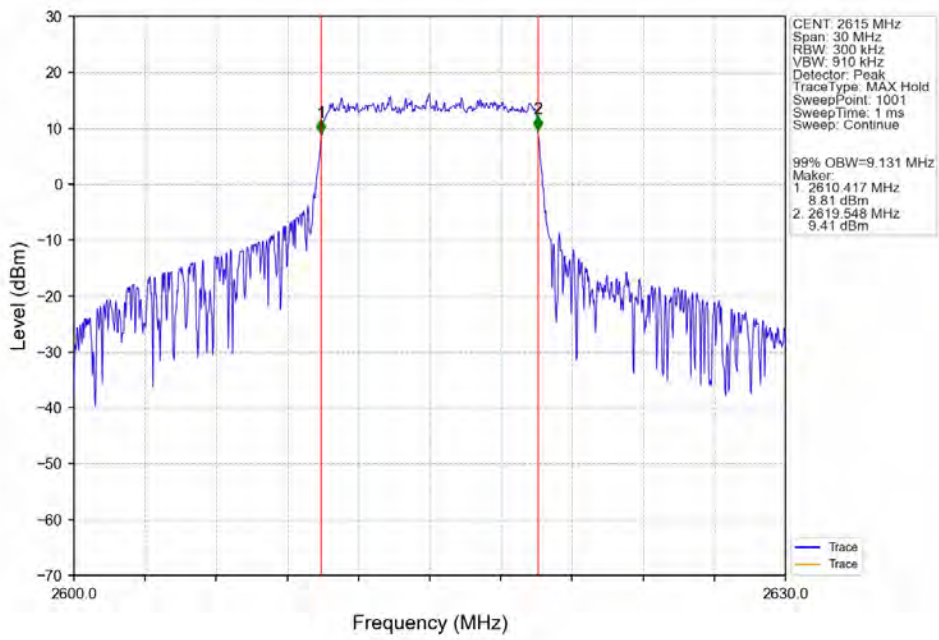
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



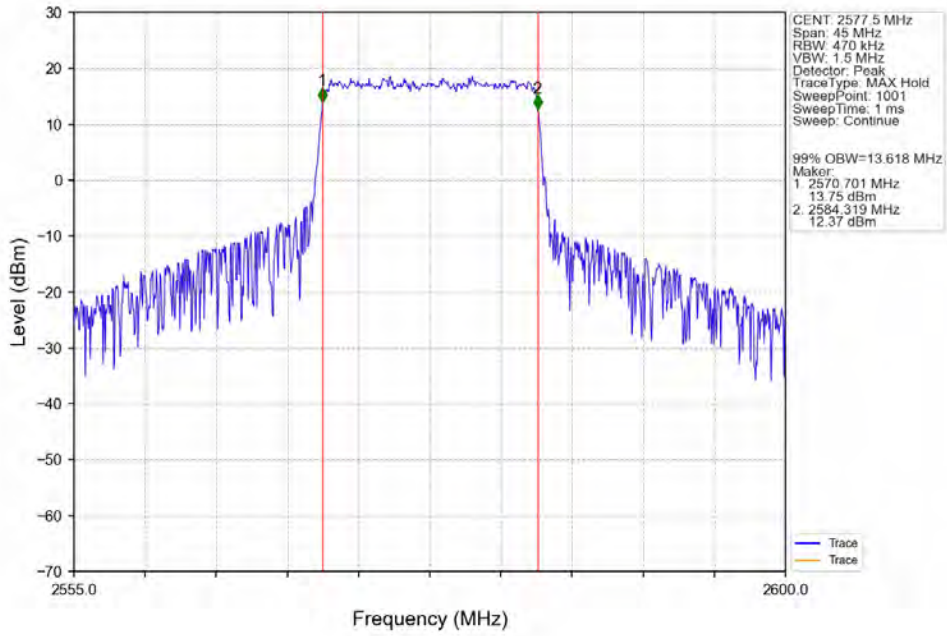
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



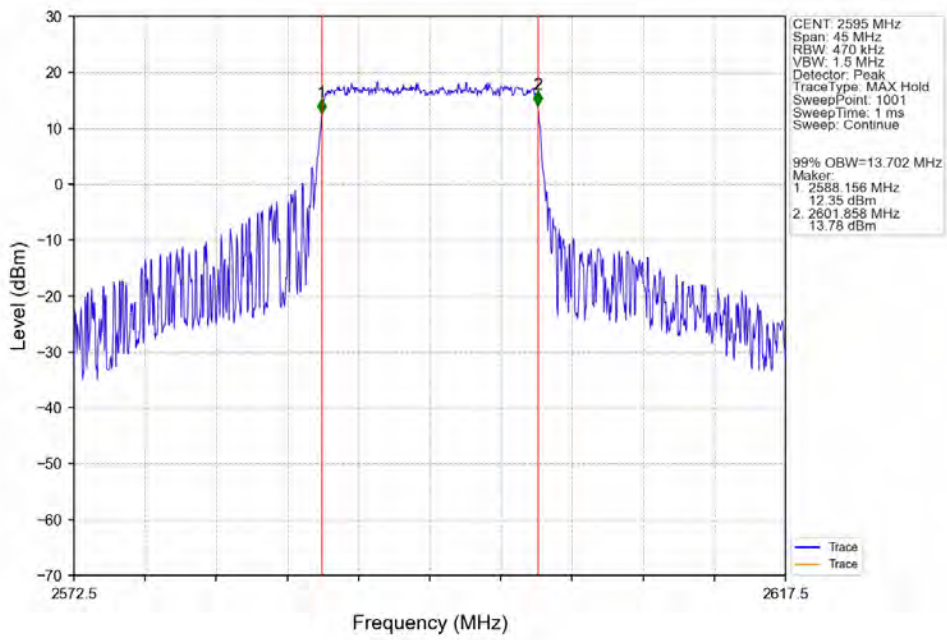
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



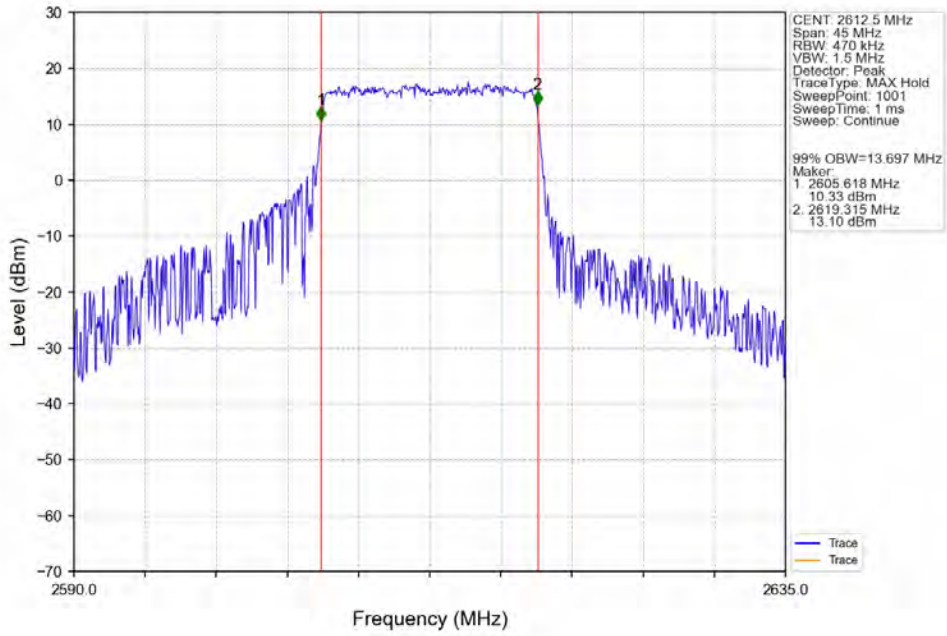
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



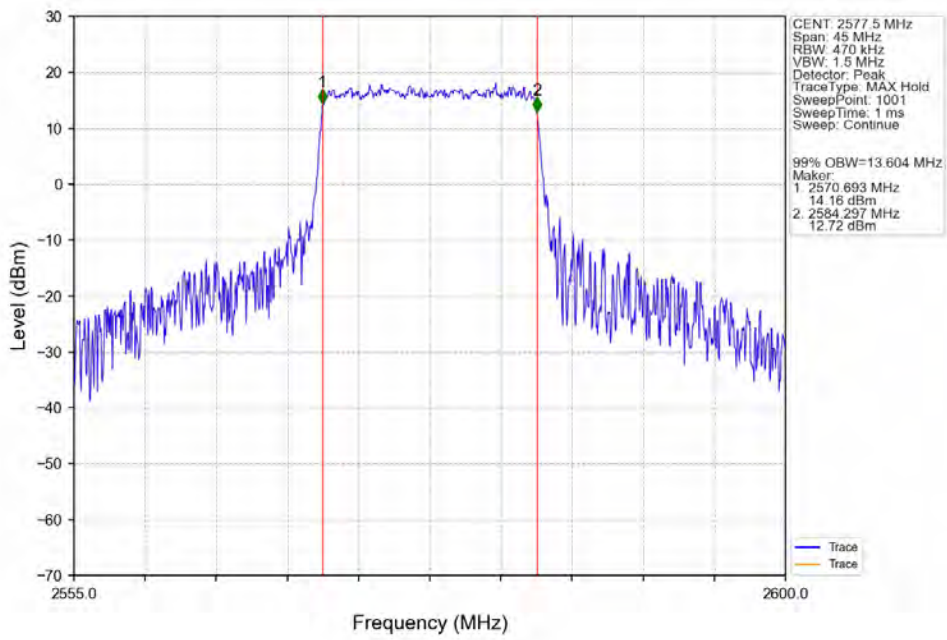
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



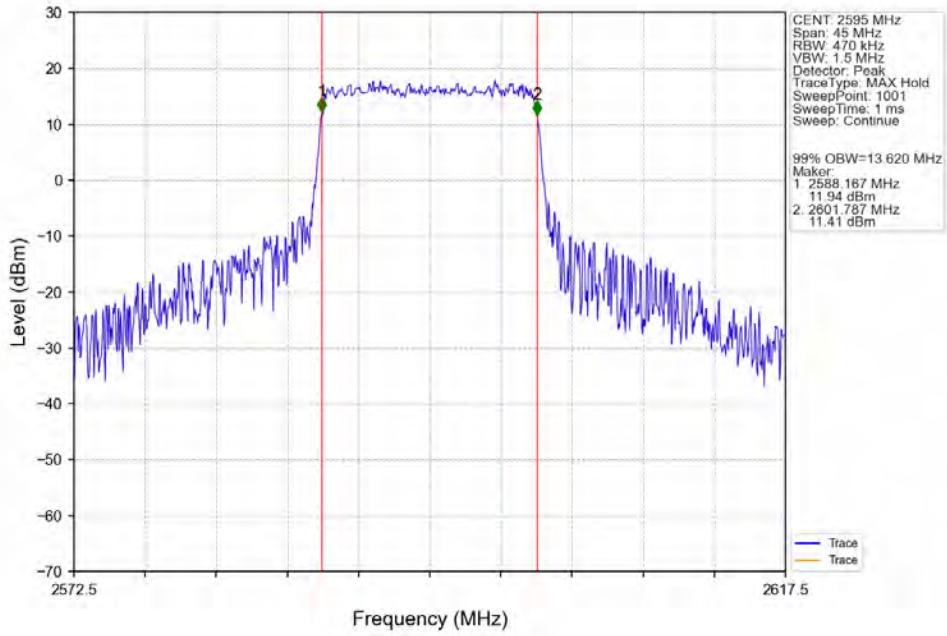
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



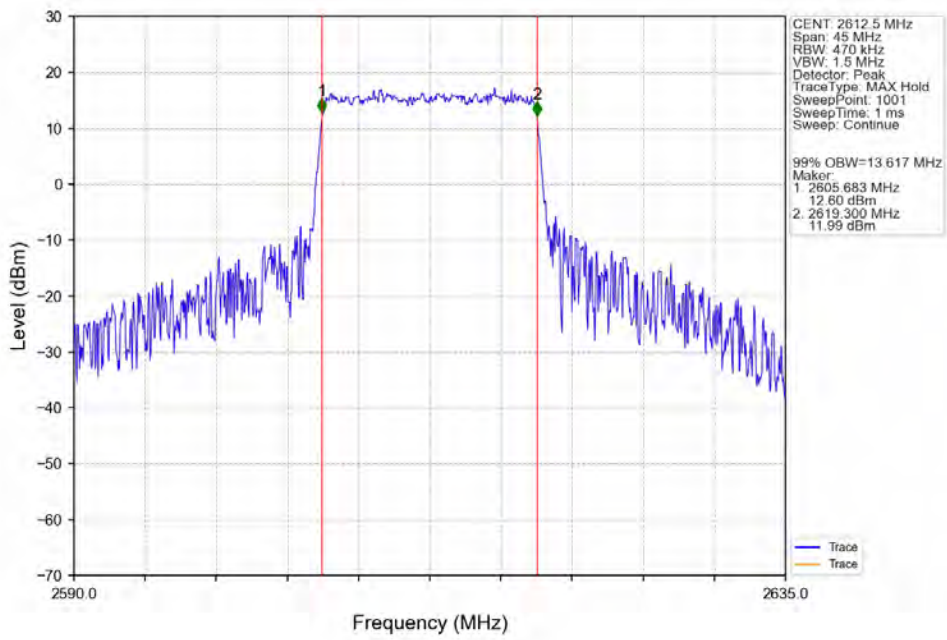
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



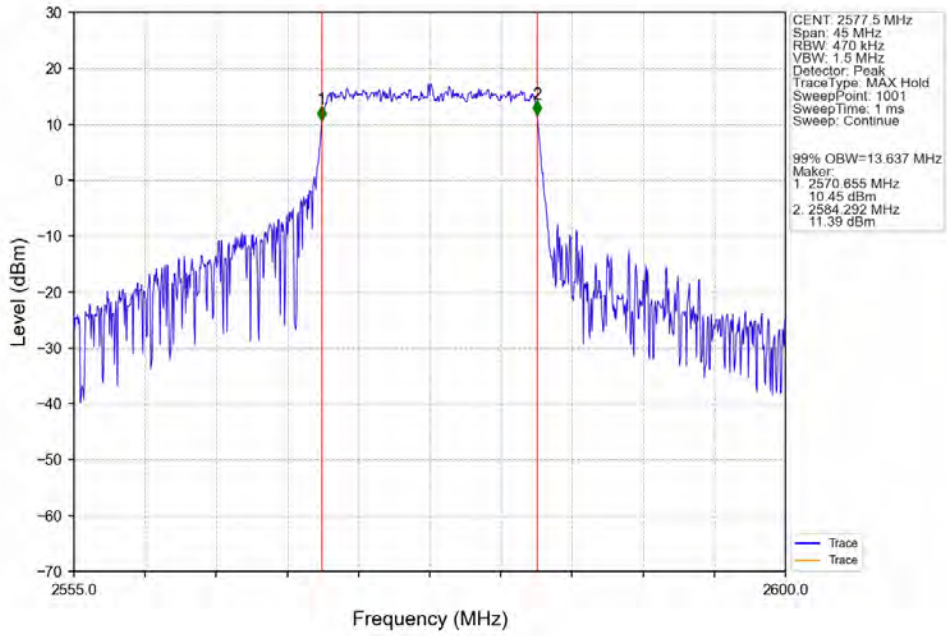
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



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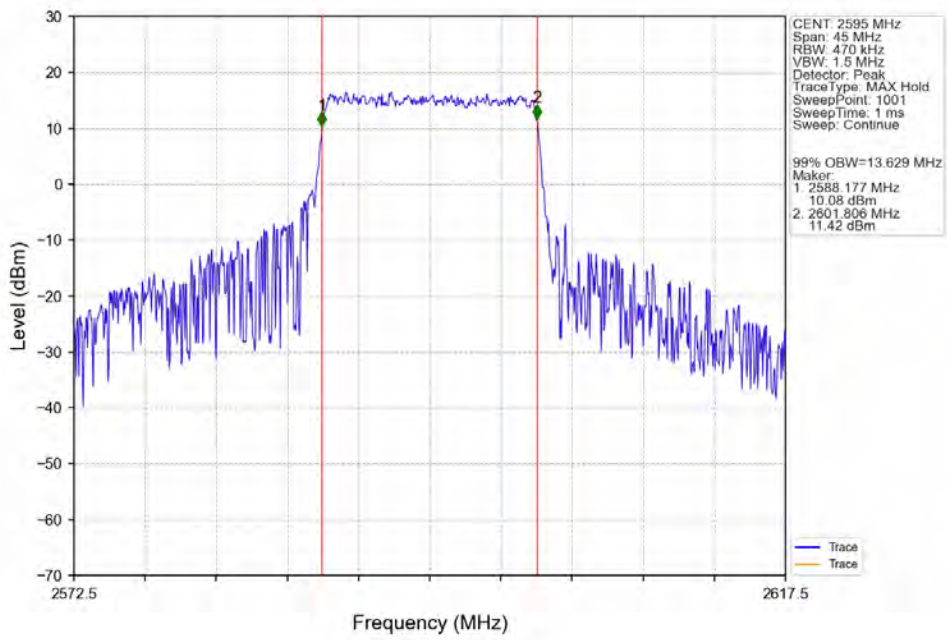

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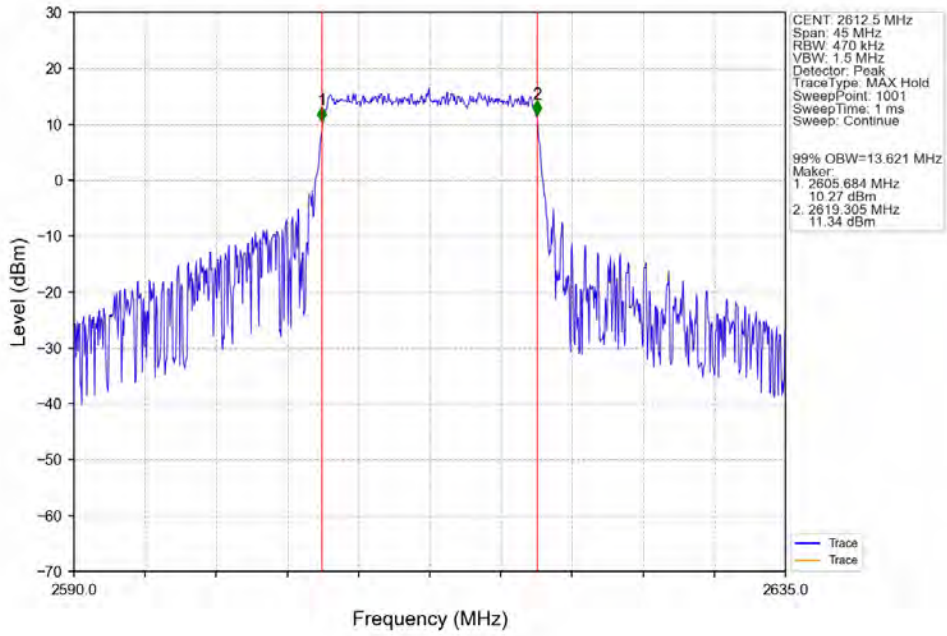
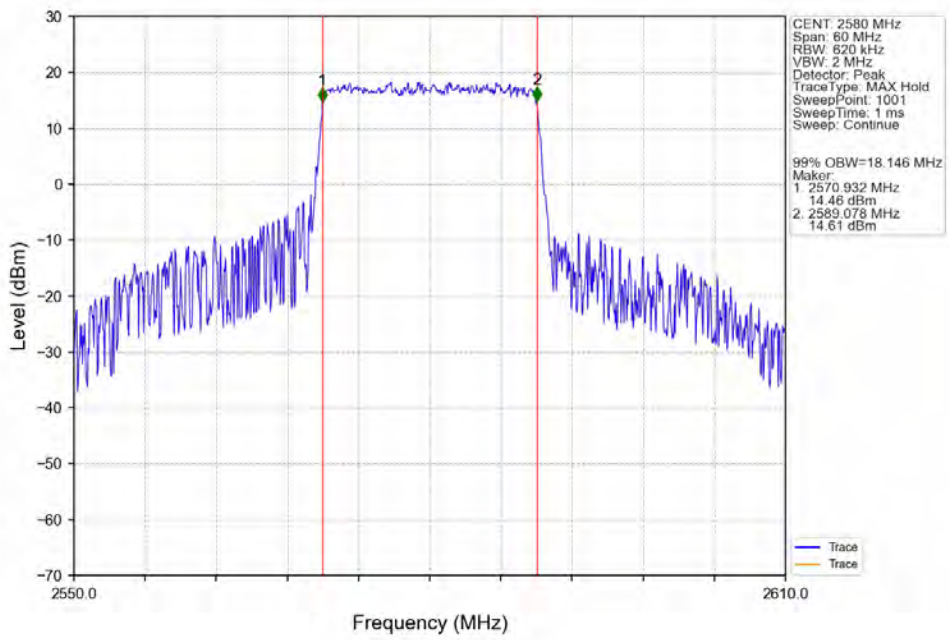
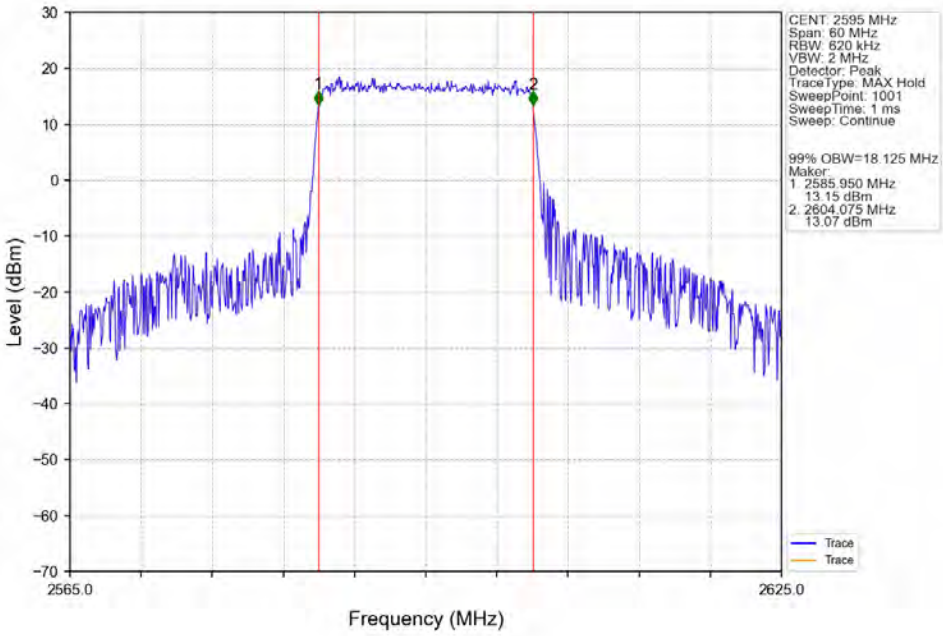


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



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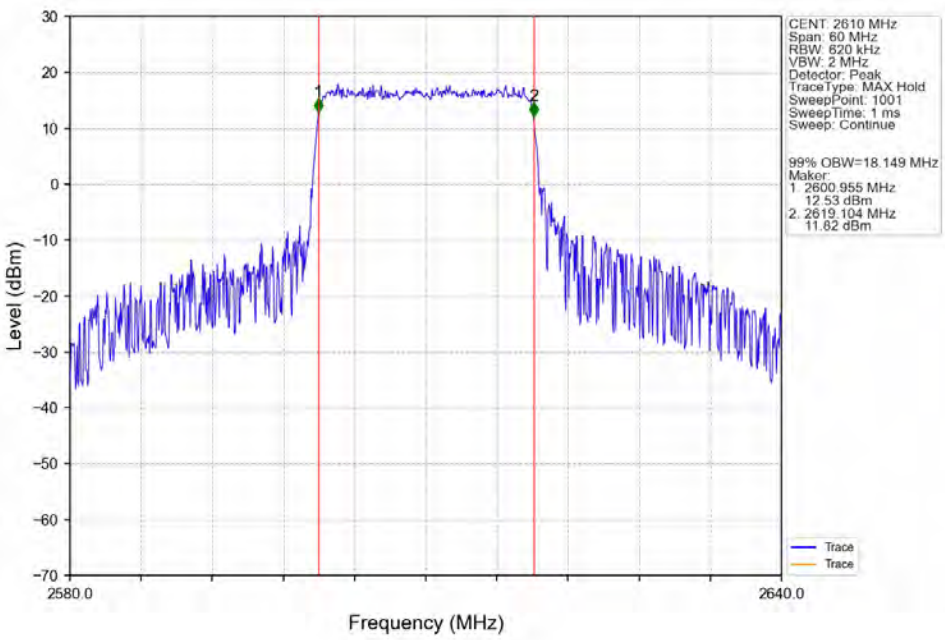
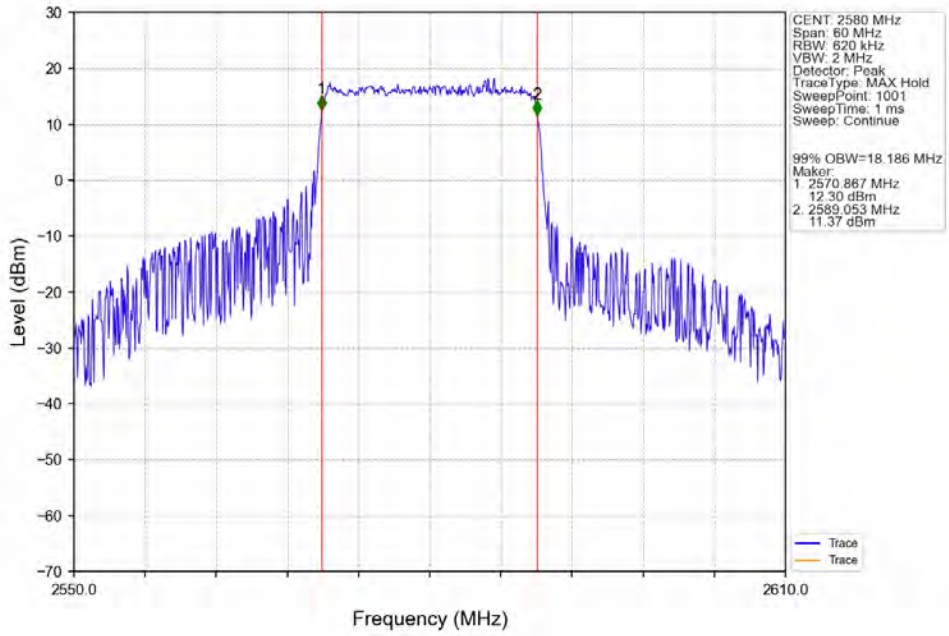


Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



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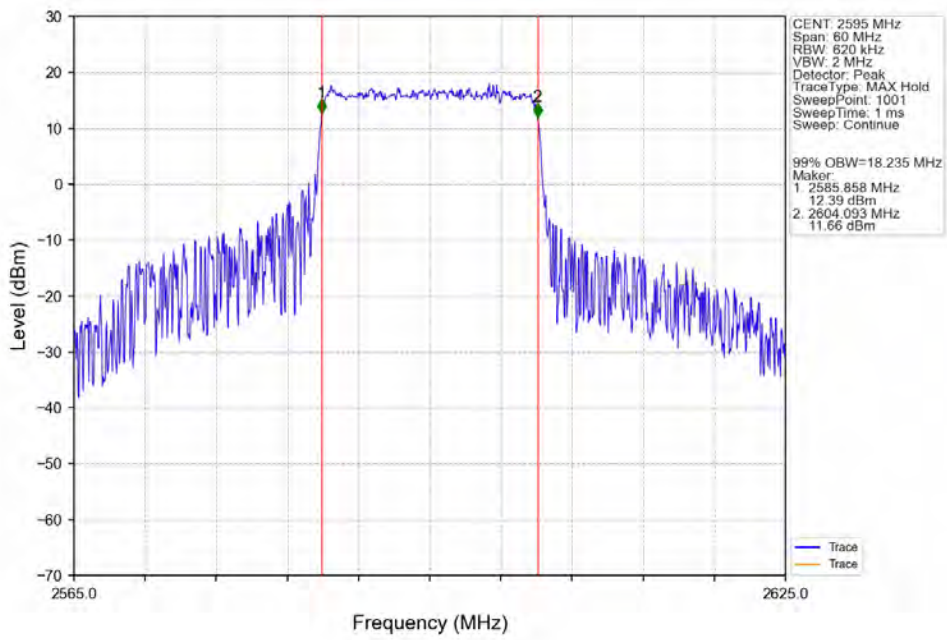

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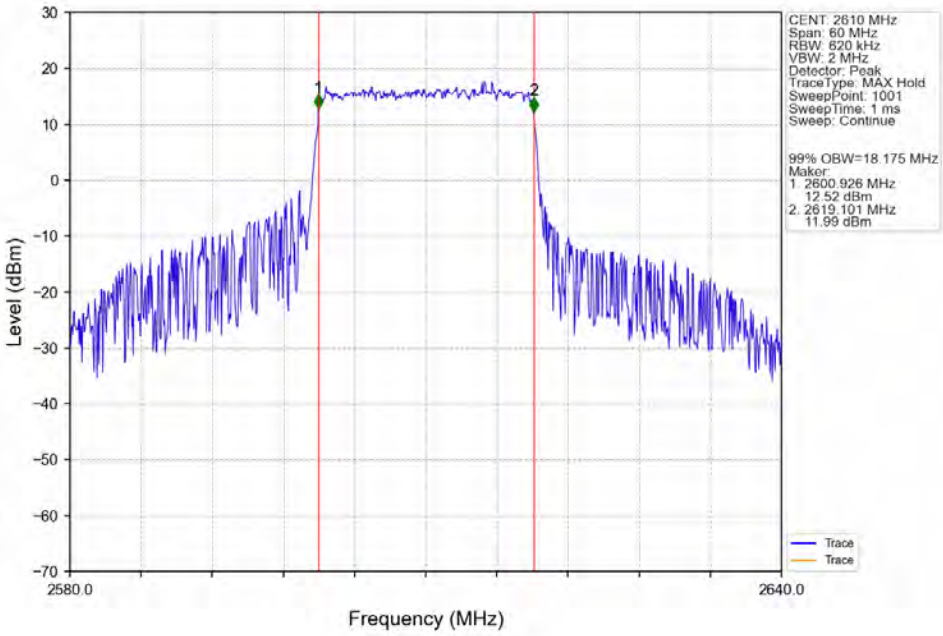

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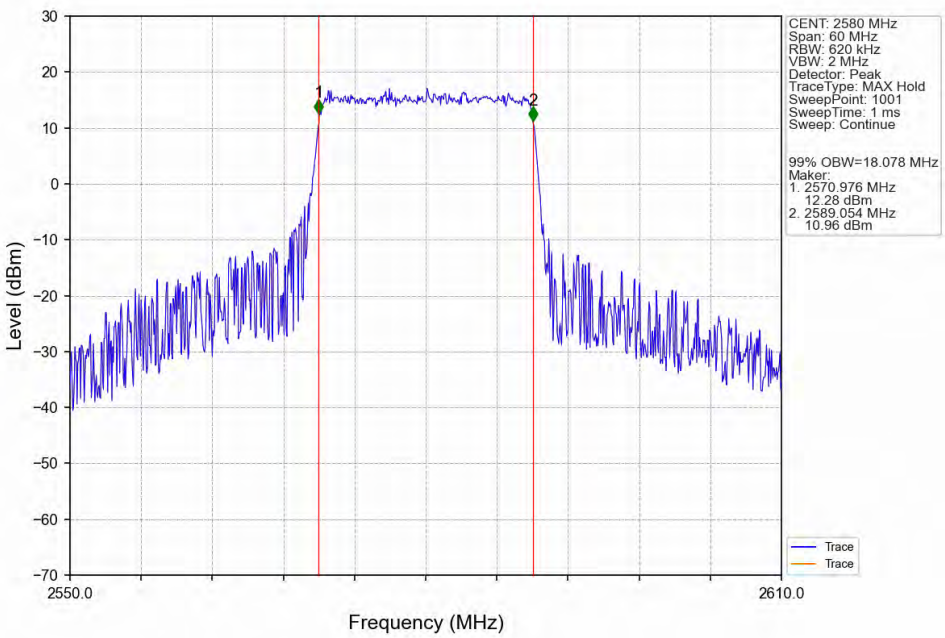
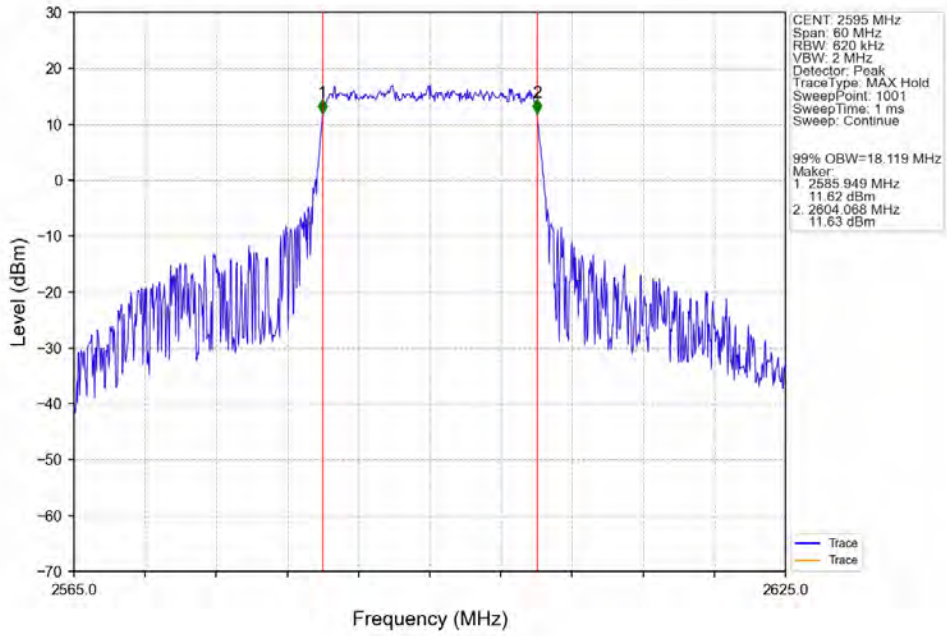
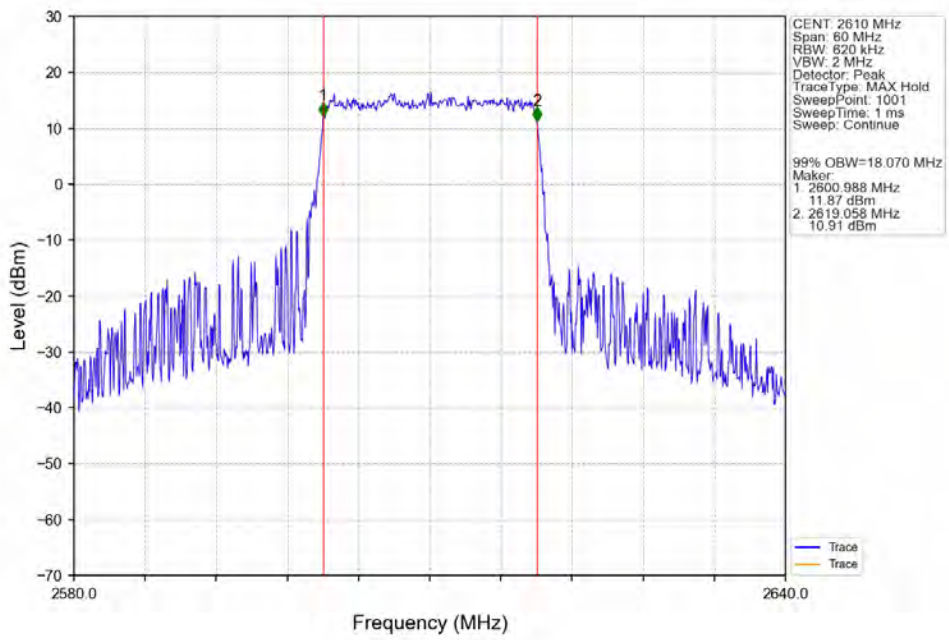


Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV

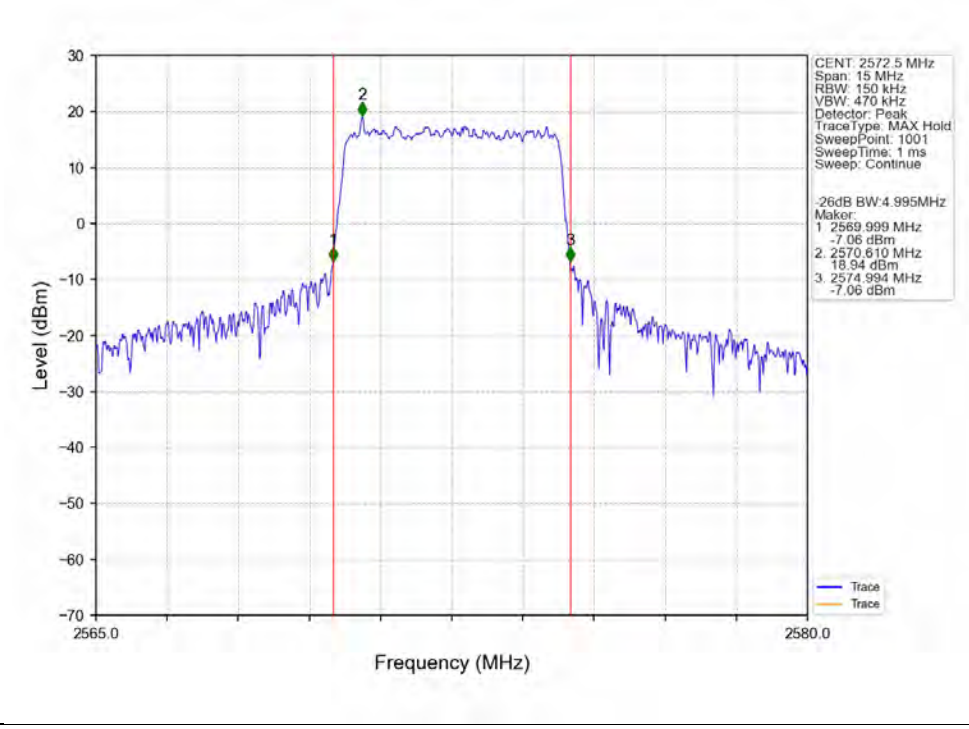


Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



3.2.2 Band38_XDB

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



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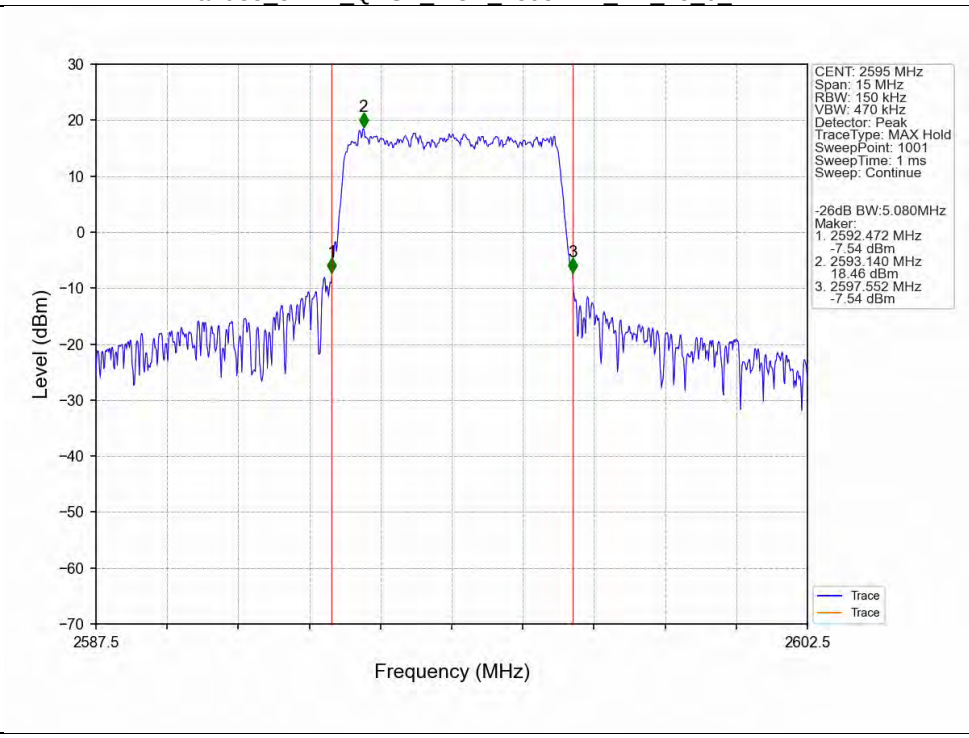

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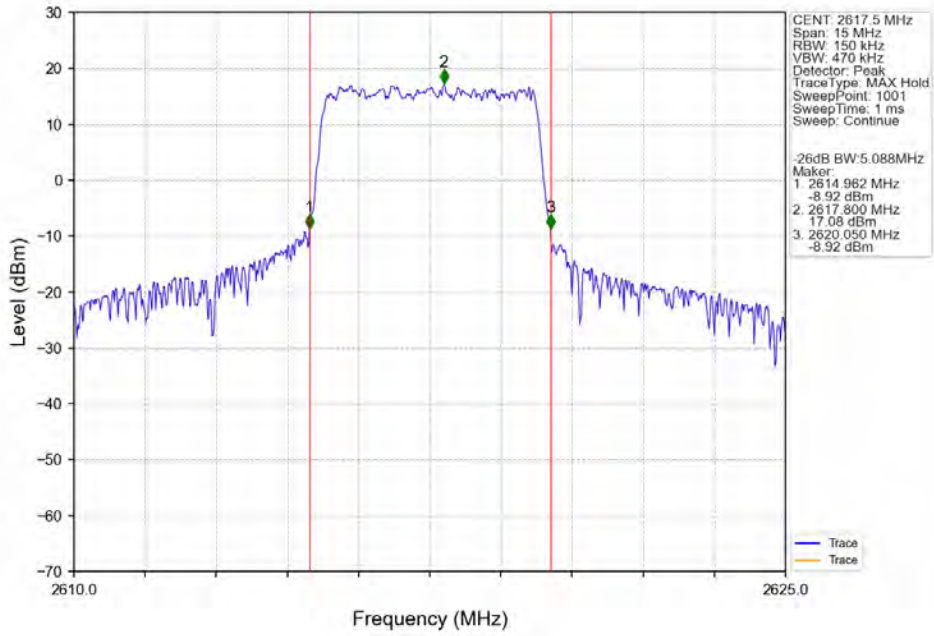

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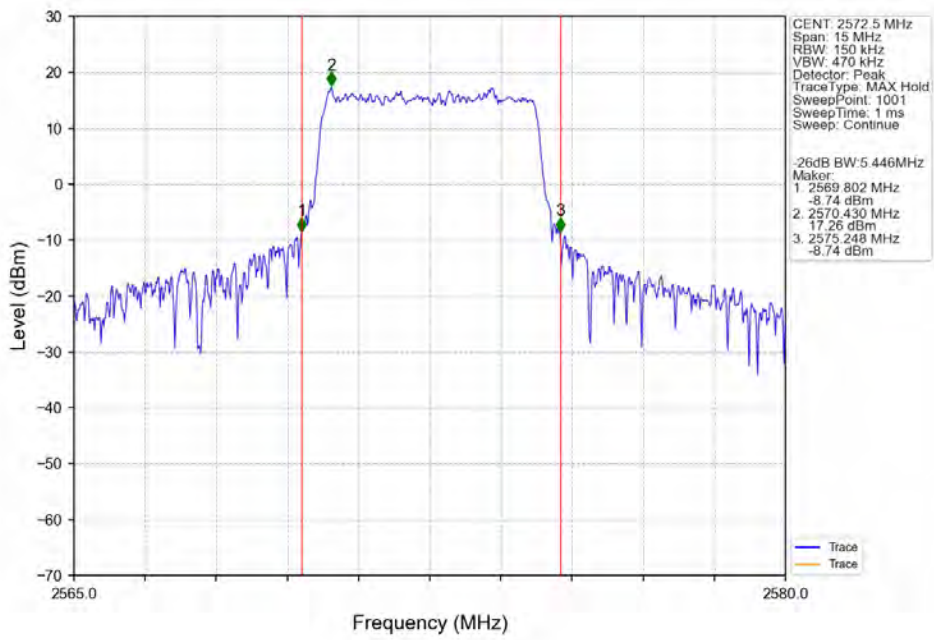

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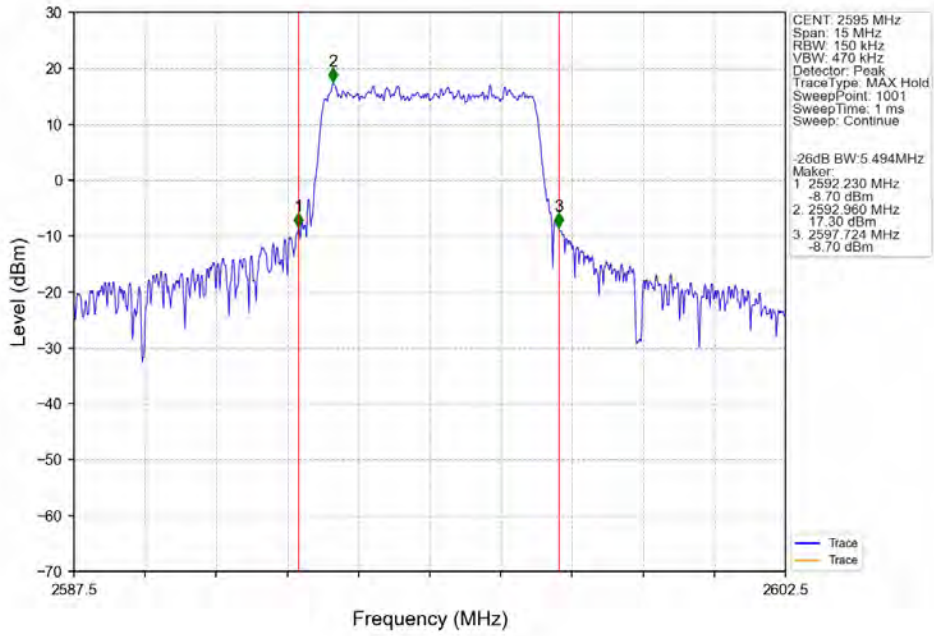

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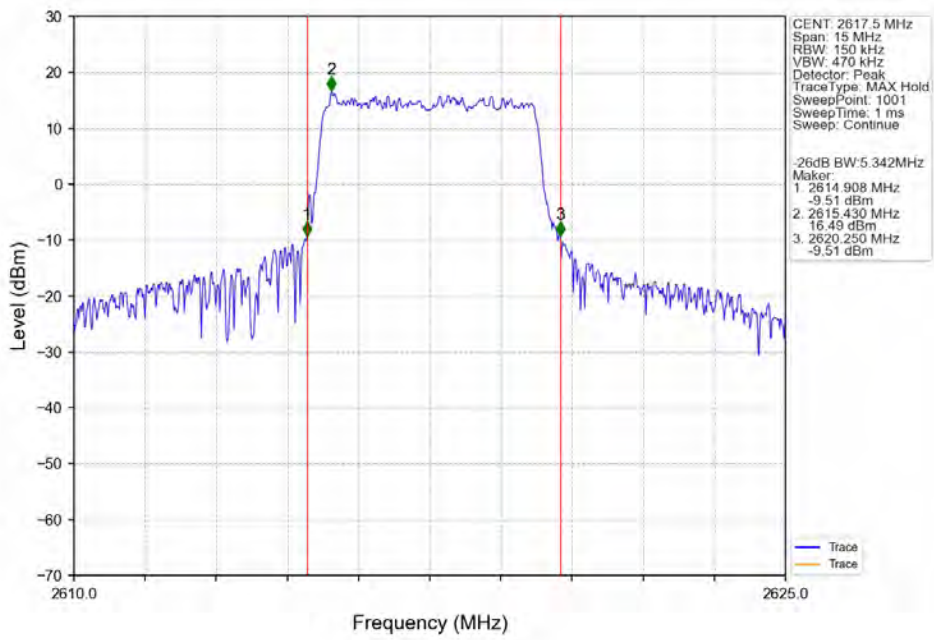

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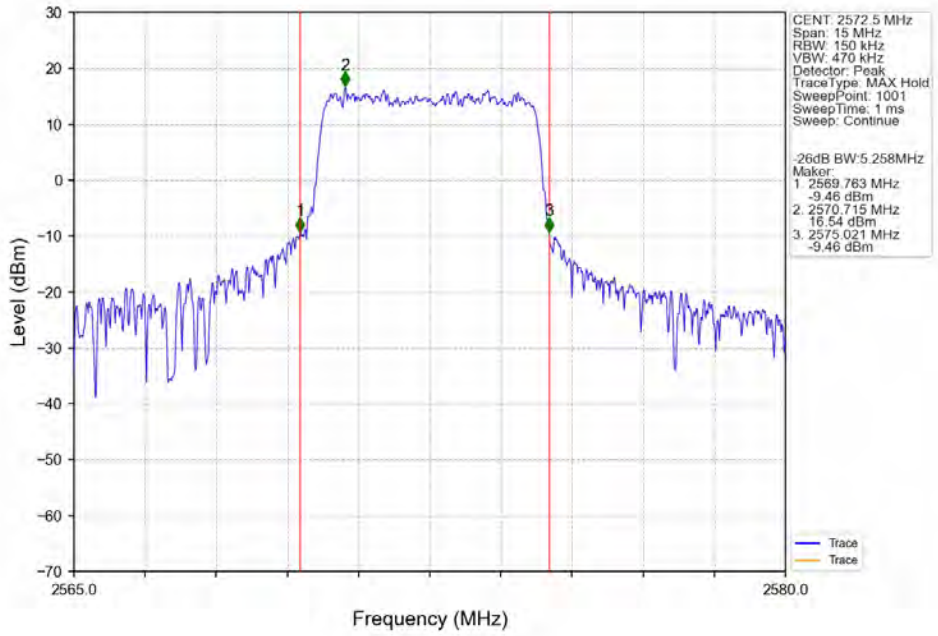
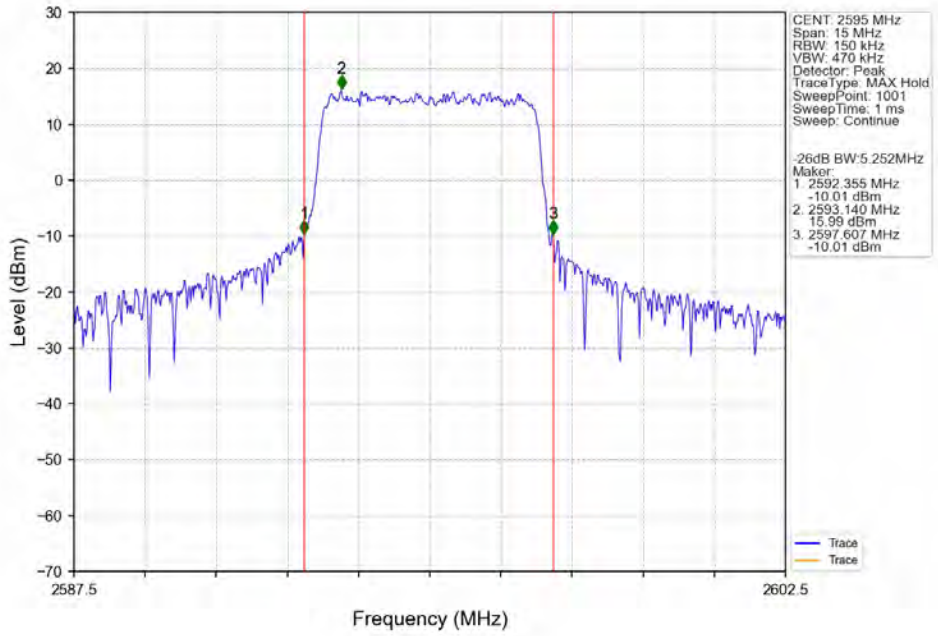
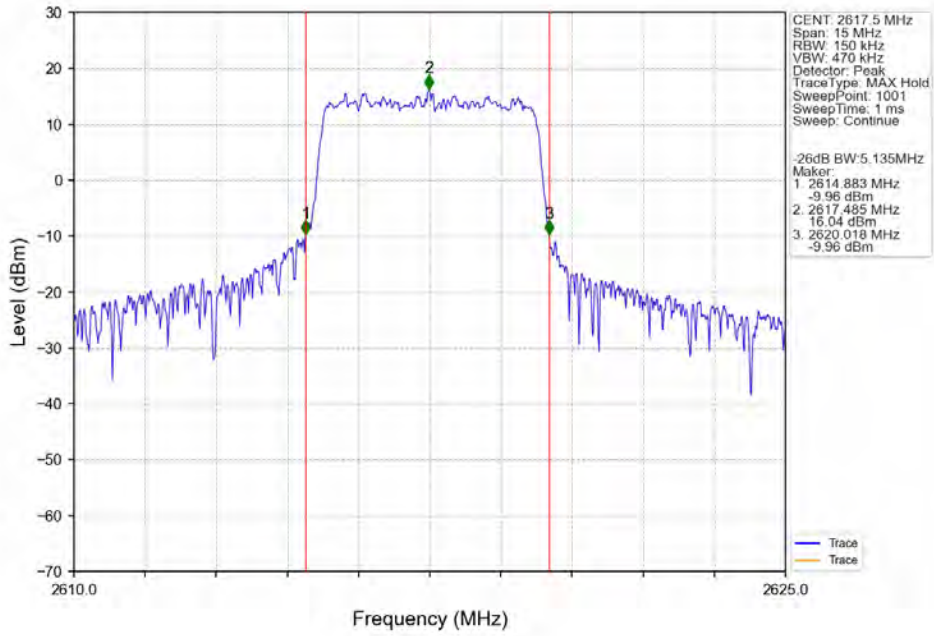


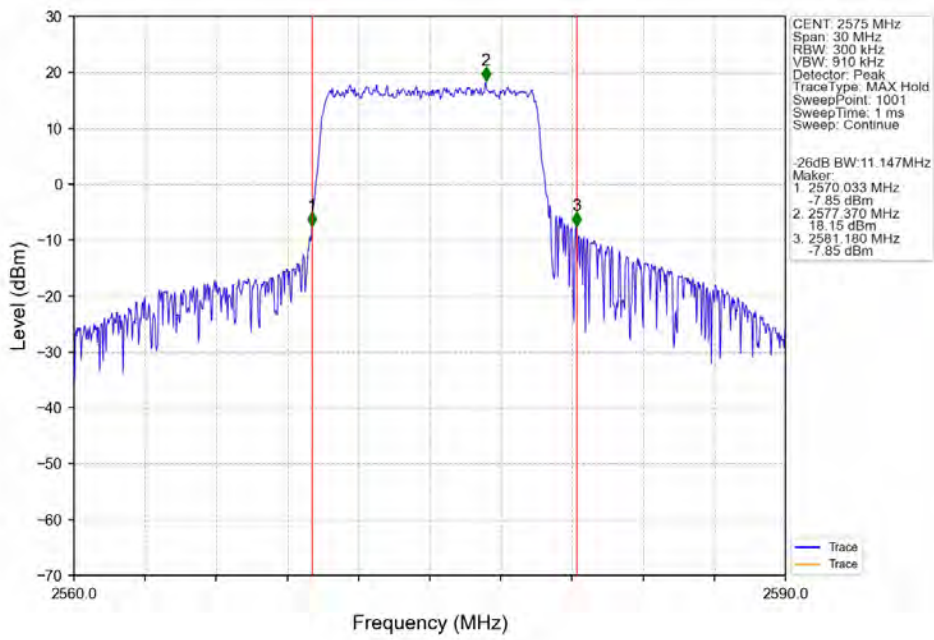
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



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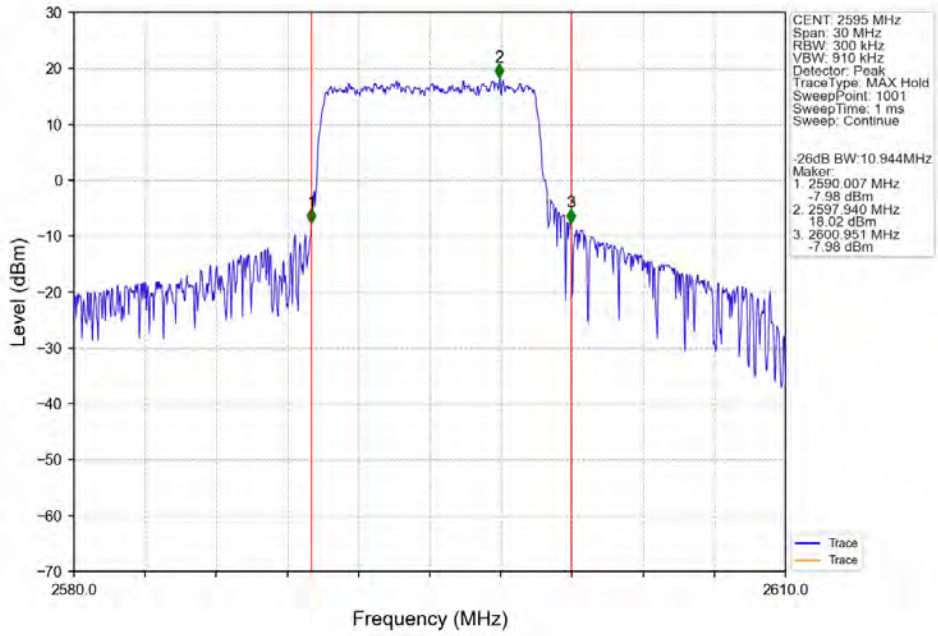

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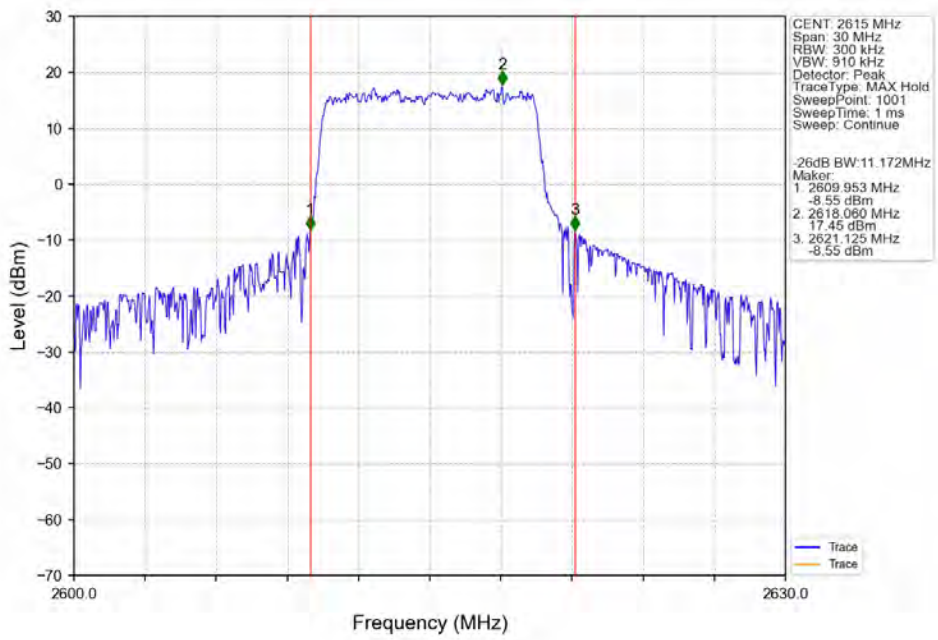
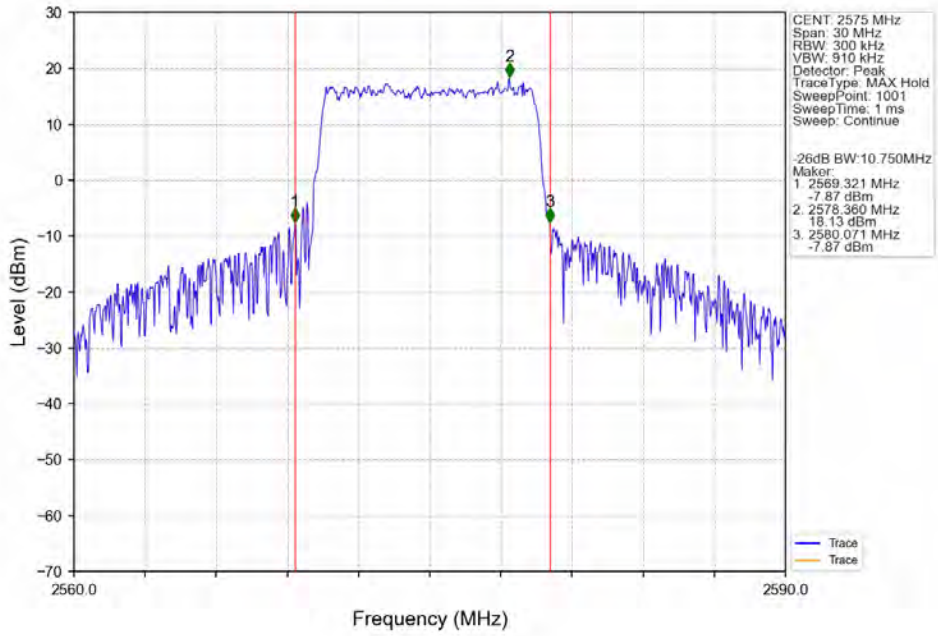


Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



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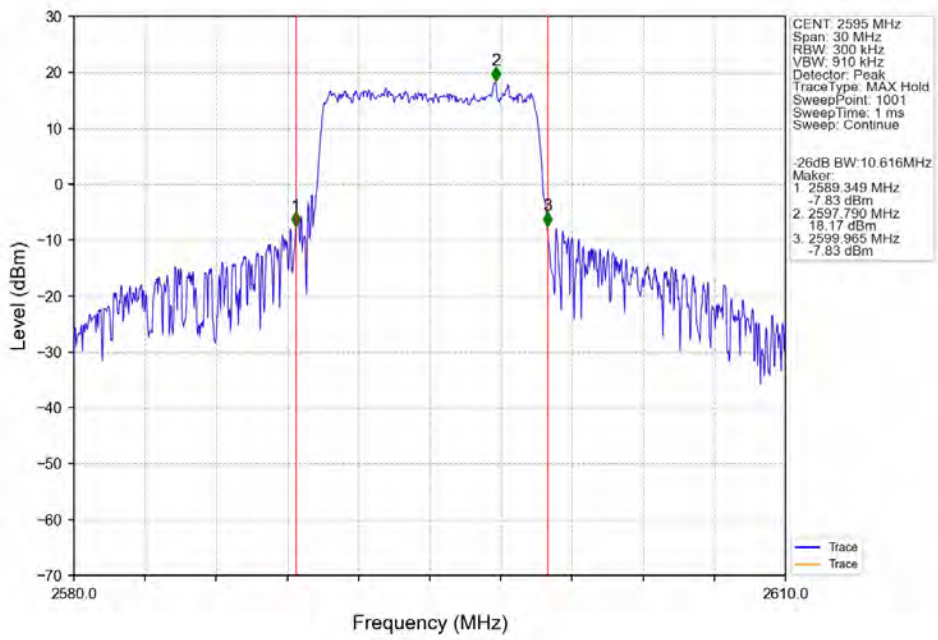

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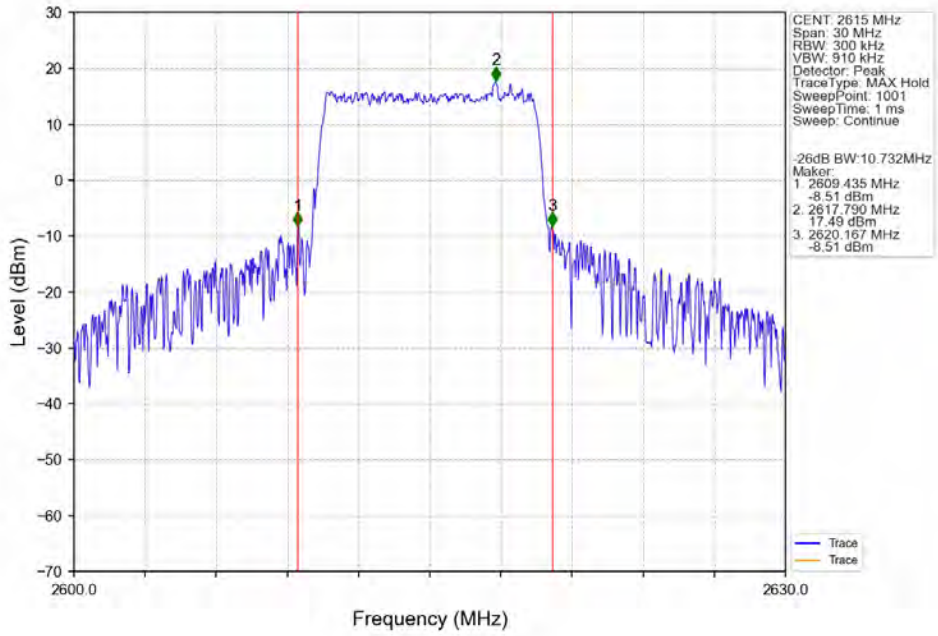
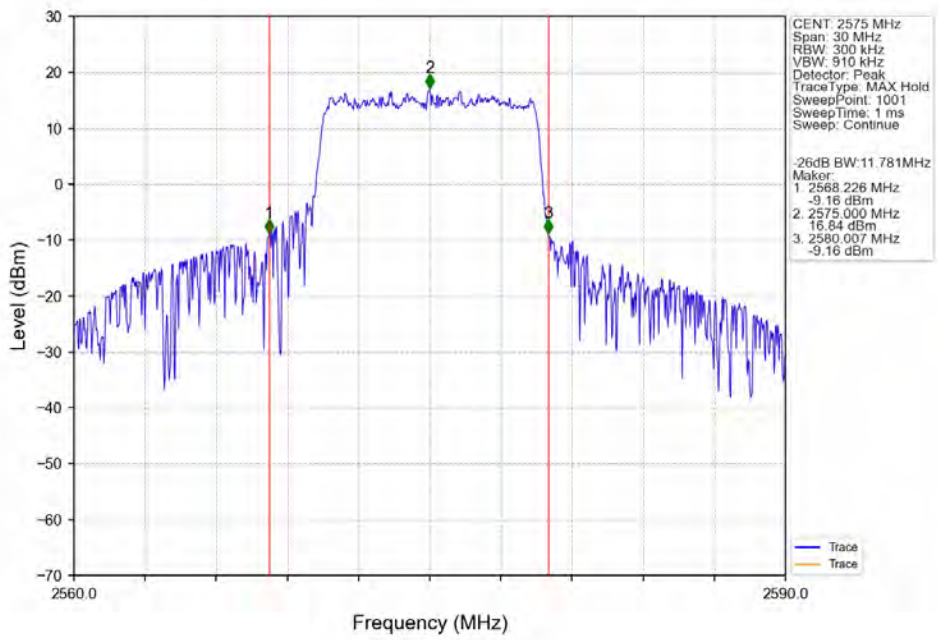


Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



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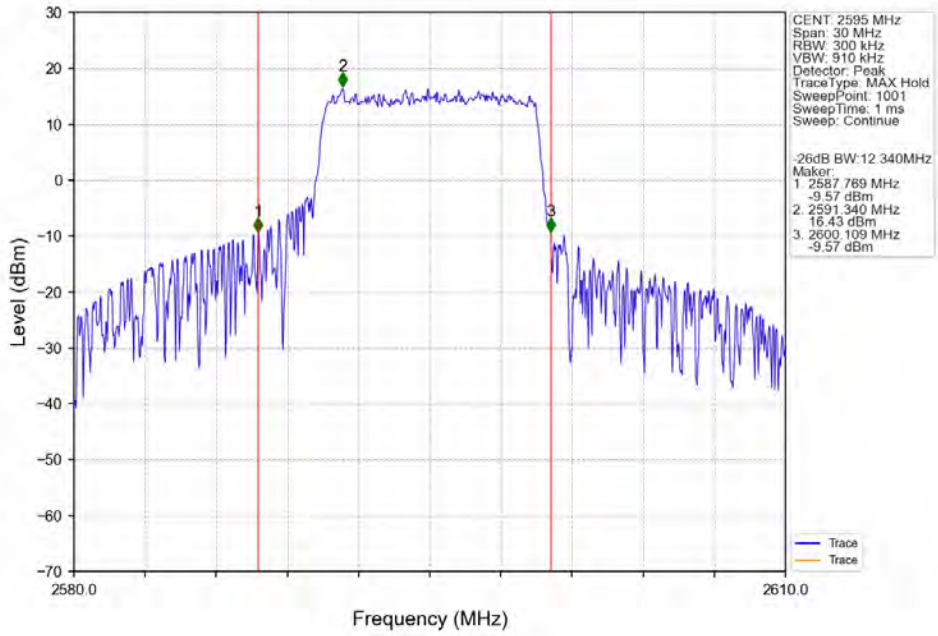
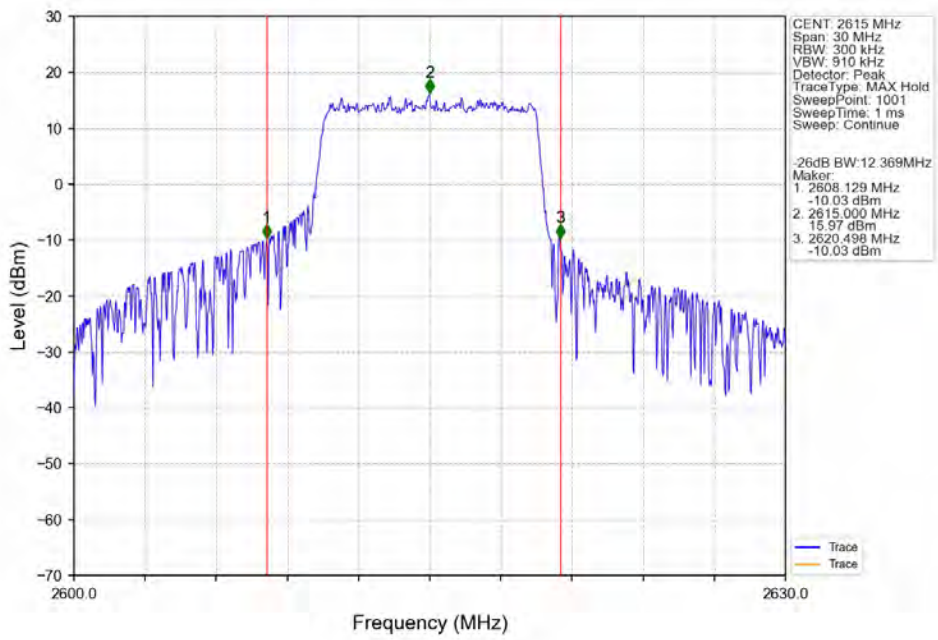
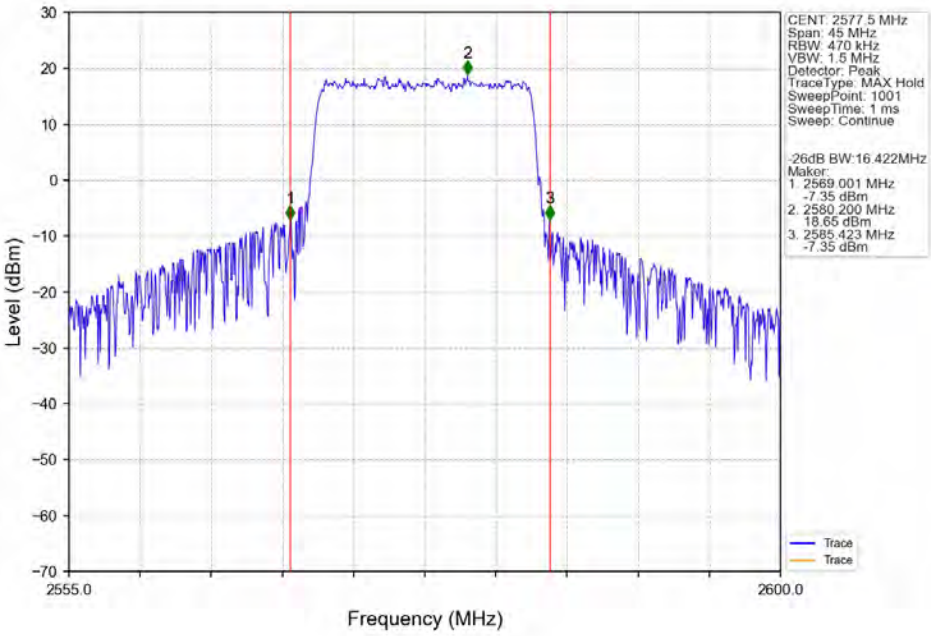


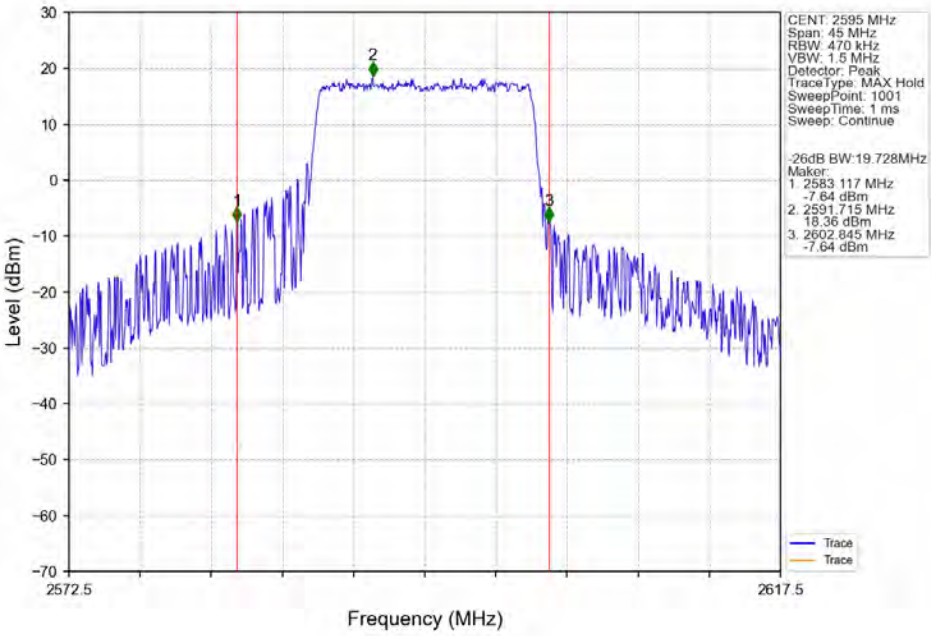
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



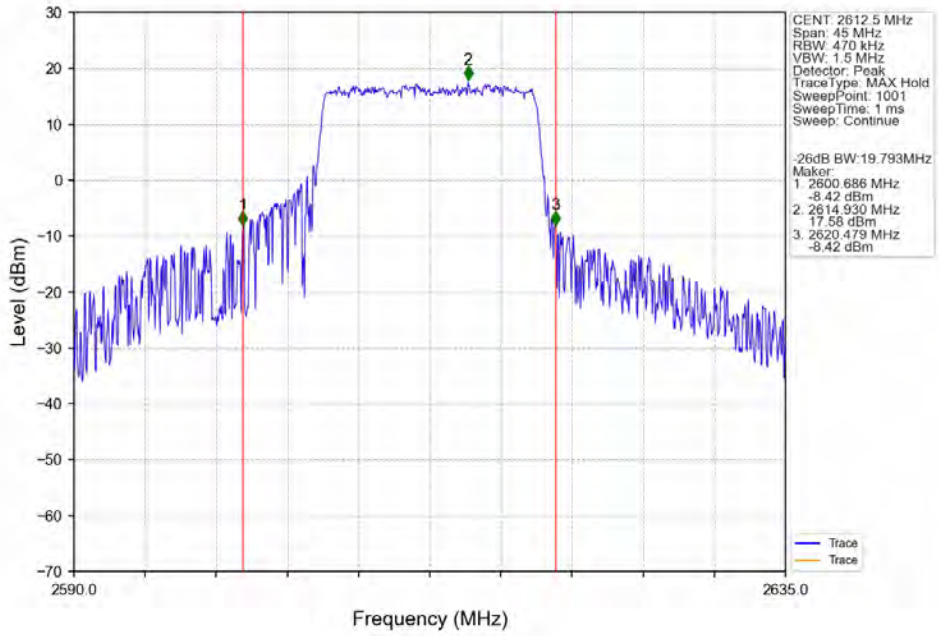
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



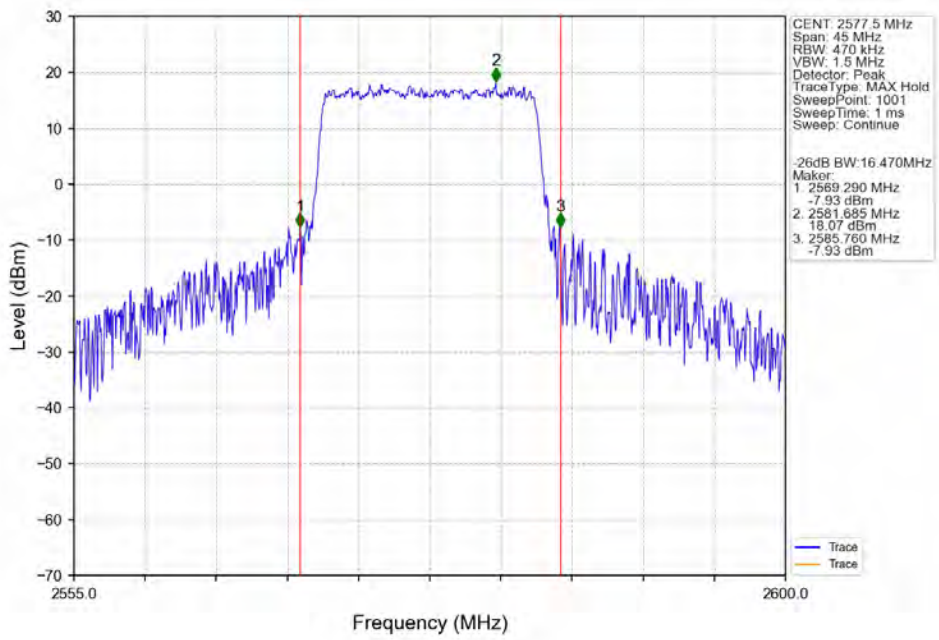
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



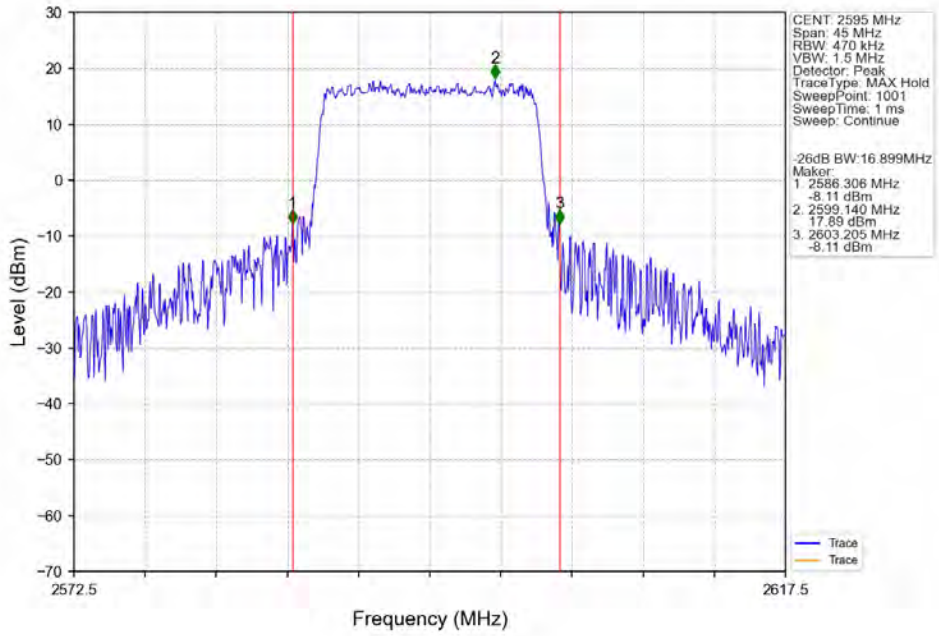
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



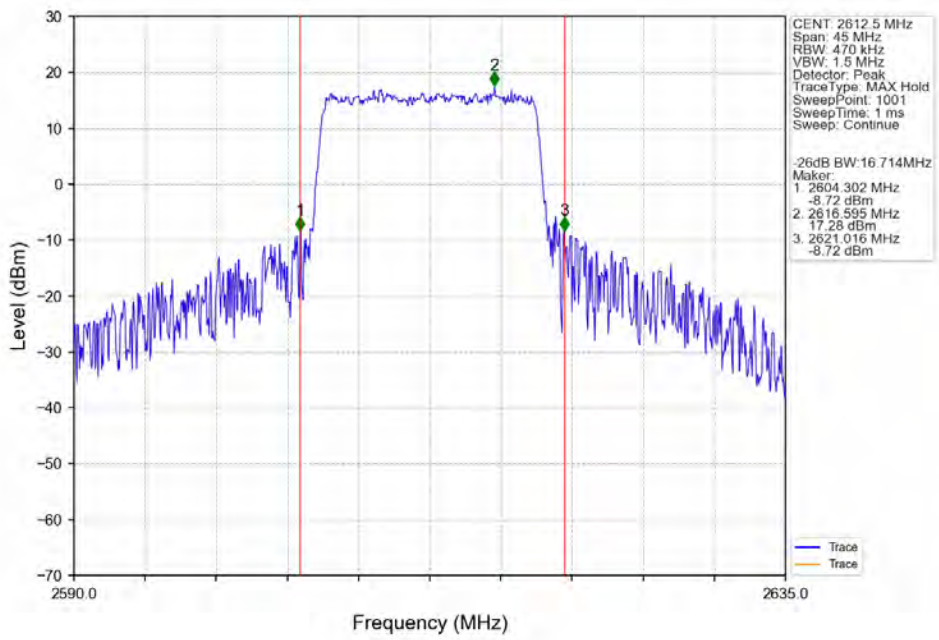
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



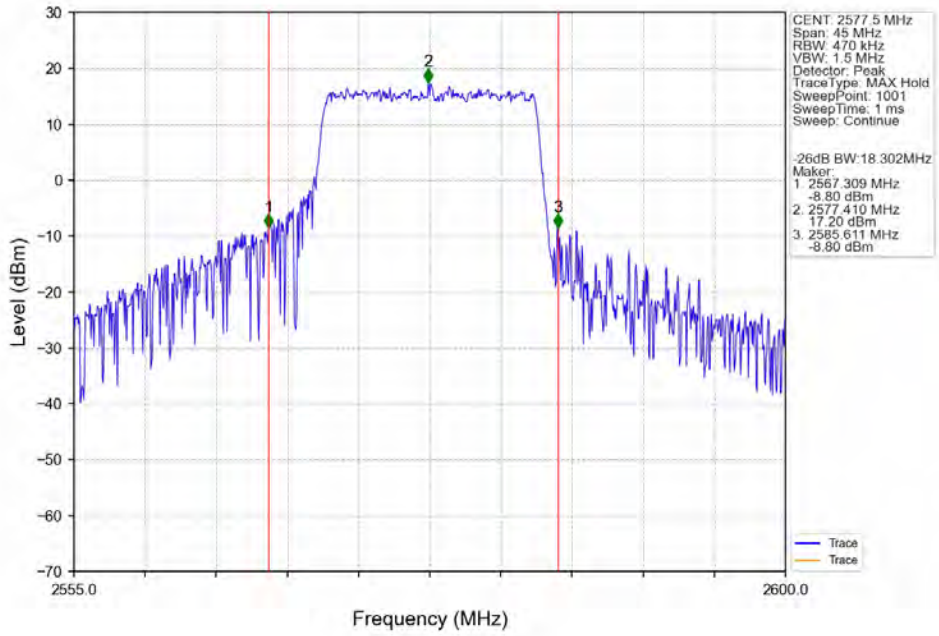
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



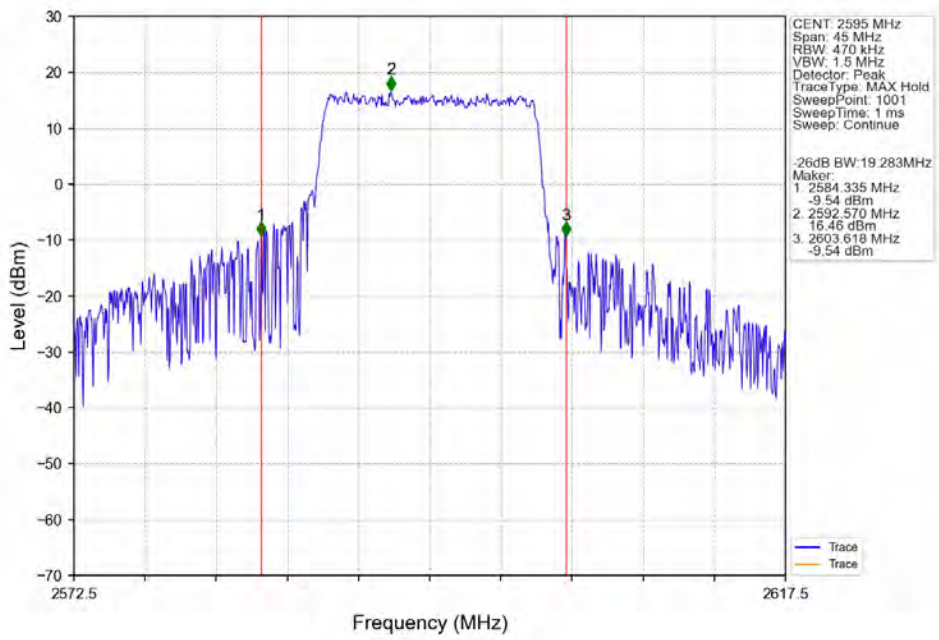
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



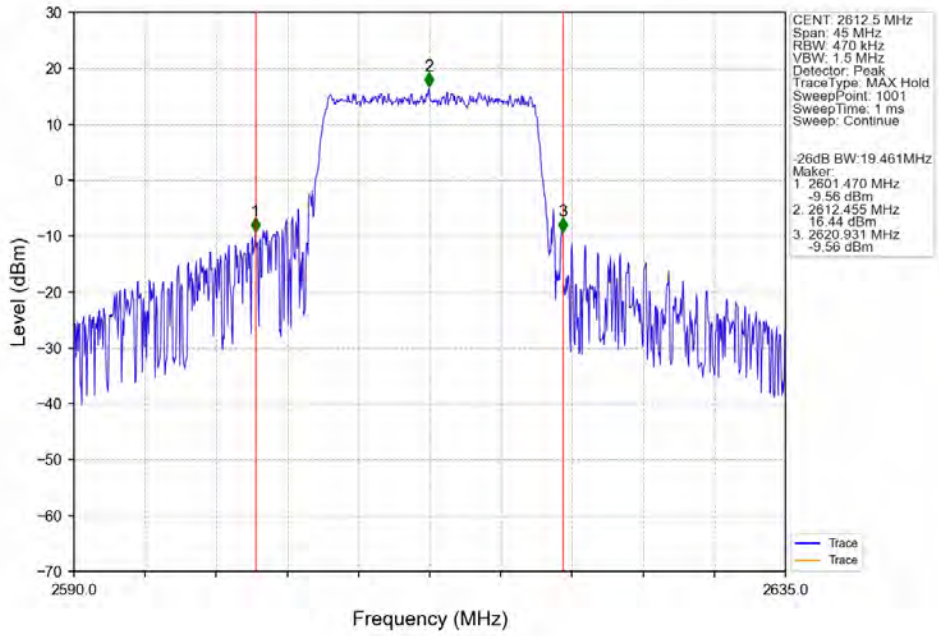
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



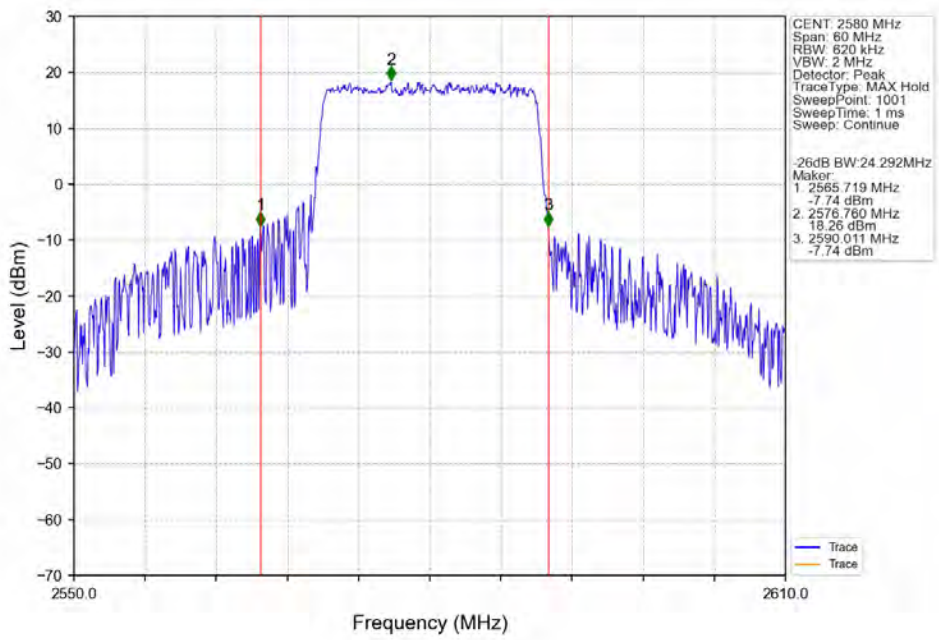
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



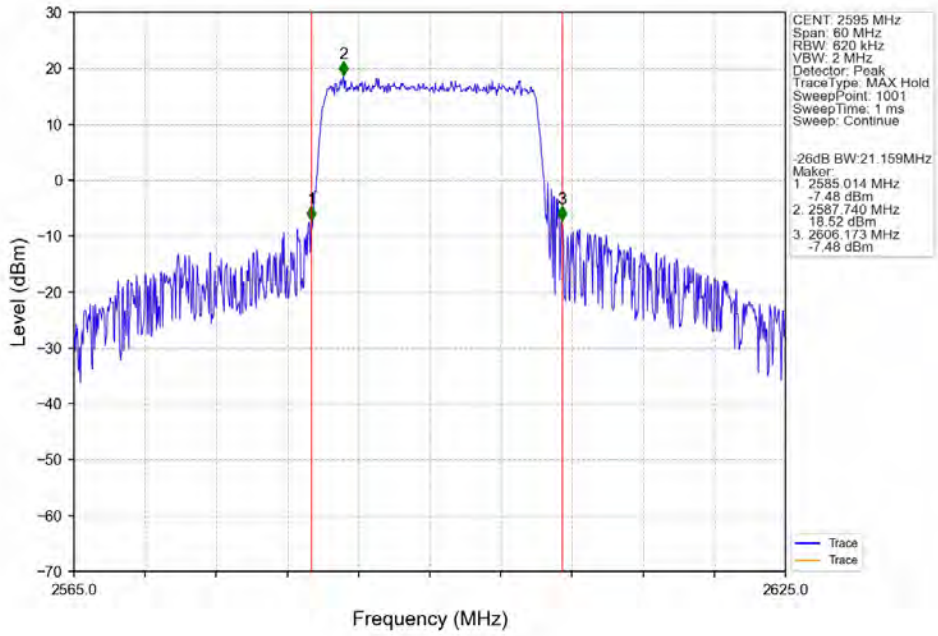
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



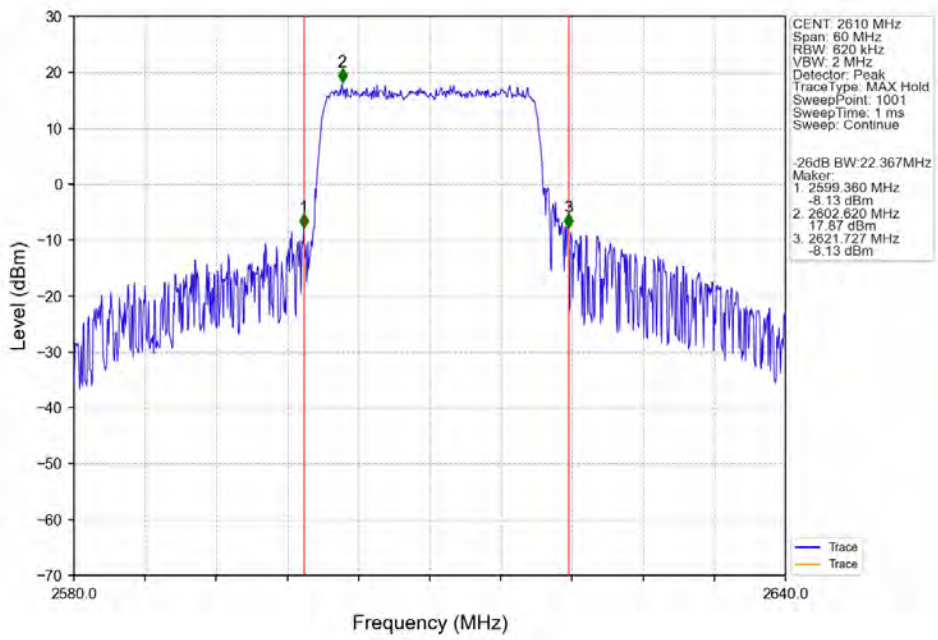
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



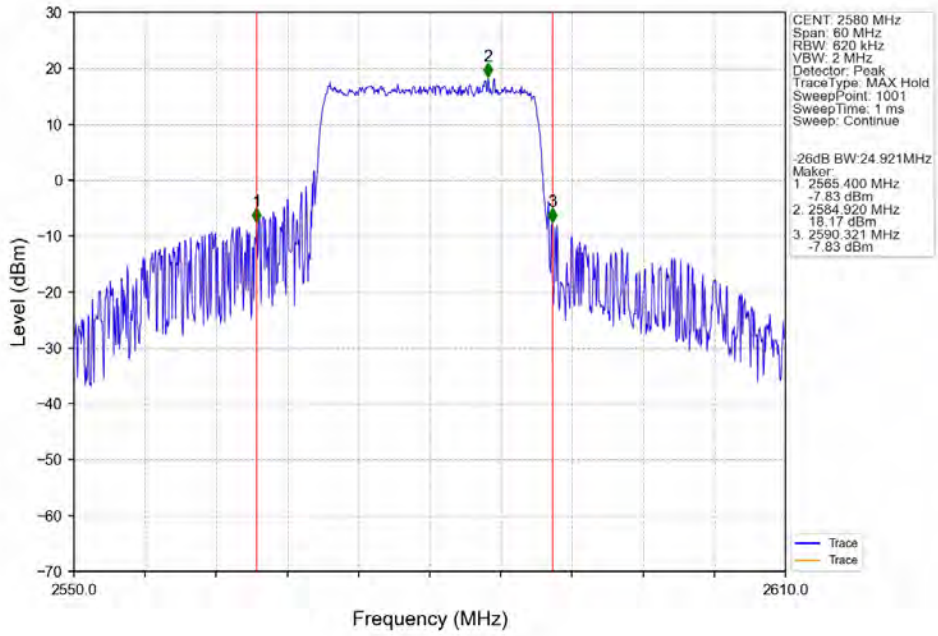
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



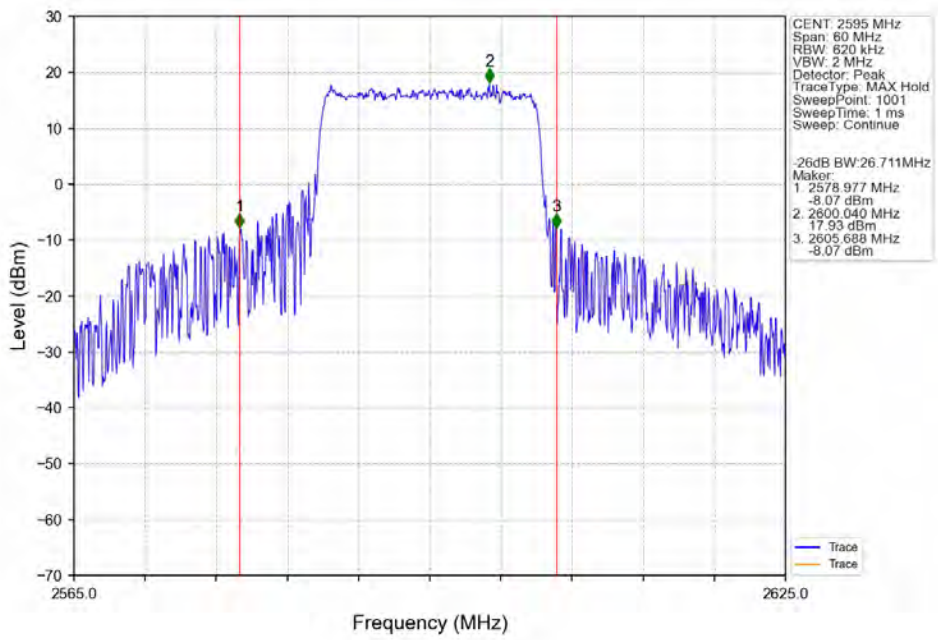
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



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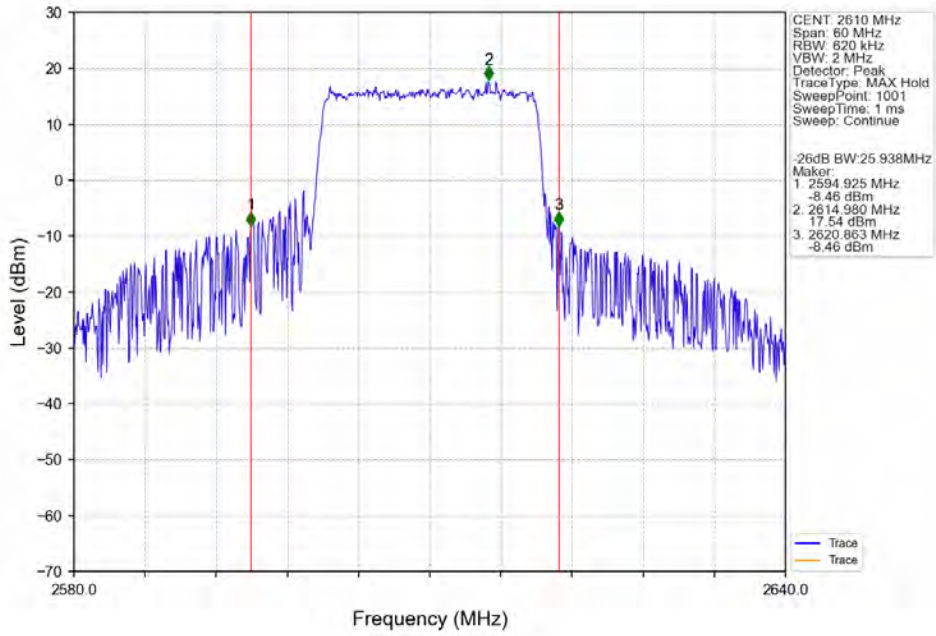
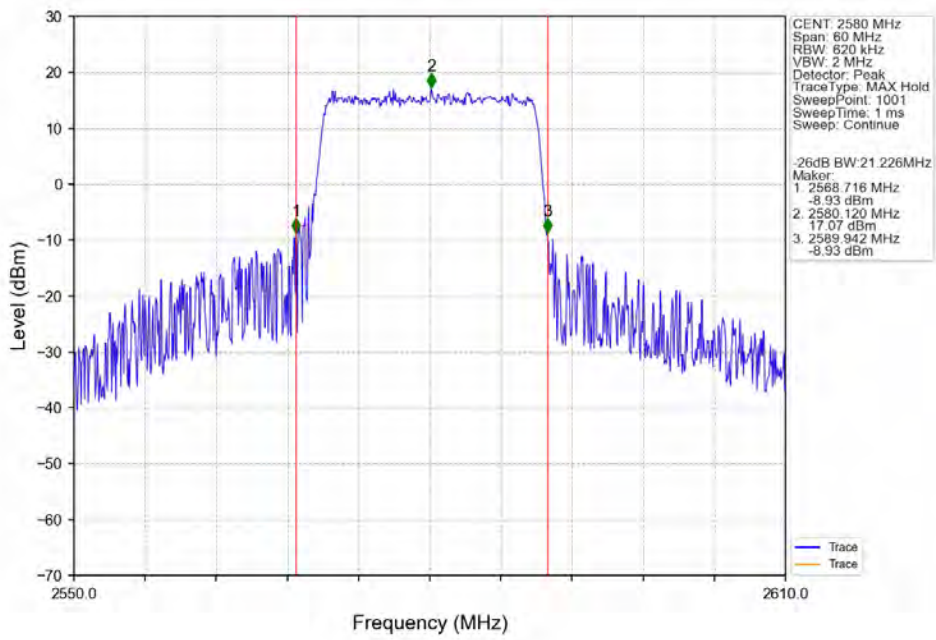
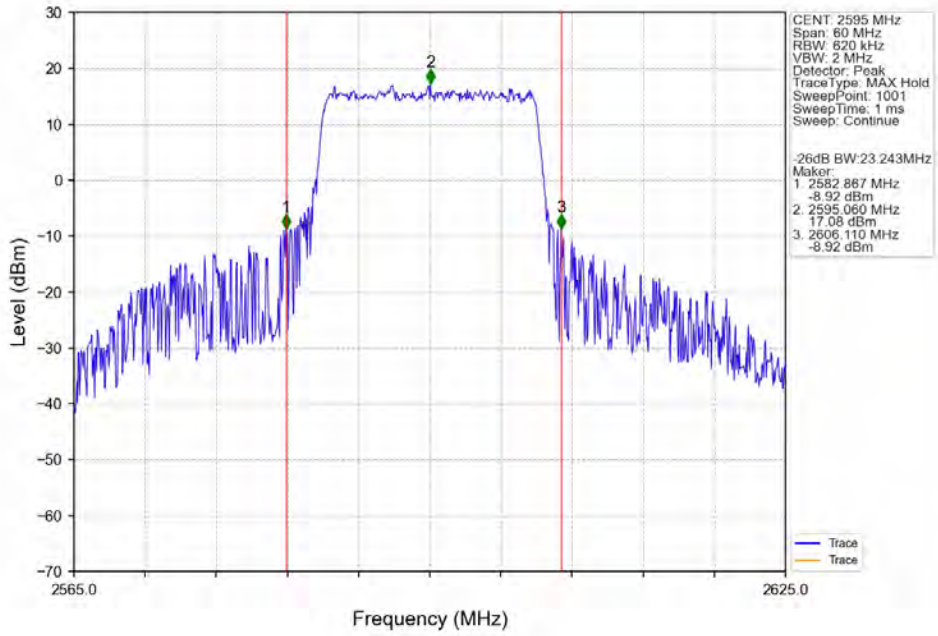


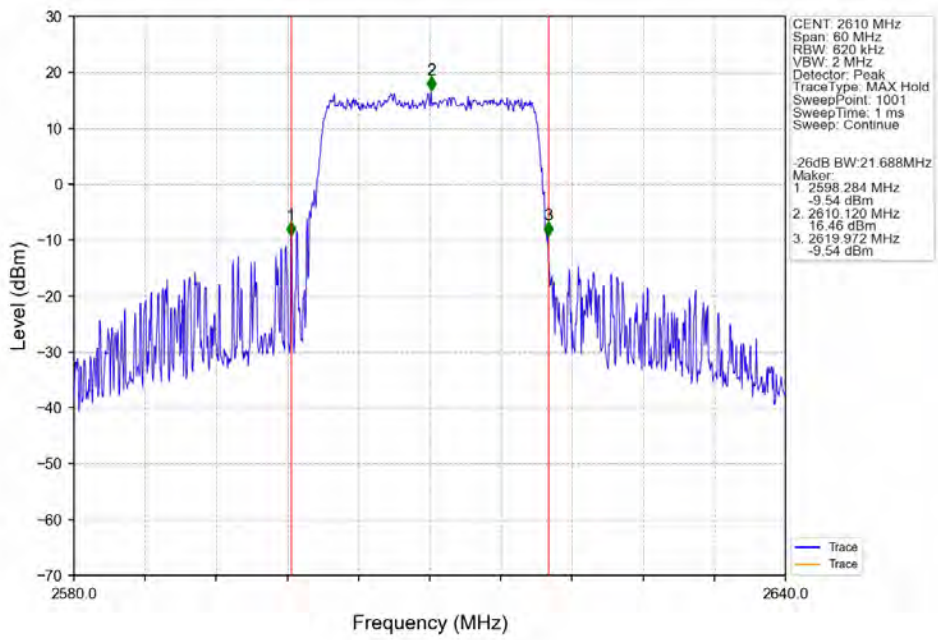
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



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	7.47	<=13	Pass
	2595	25	0	7.49	<=13	Pass
	2617.5	25	0	7.49	<=13	Pass
16QAM	2572.5	25	0	8.12	<=13	Pass
	2595	25	0	8.46	<=13	Pass
	2617.5	25	0	8.07	<=13	Pass
64QAM	2572.5	25	0	8.45	<=13	Pass
	2595	25	0	8.52	<=13	Pass
	2617.5	25	0	8.45	<=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	7.74	<=13	Pass
	2595	50	0	7.77	<=13	Pass
	2615	50	0	7.64	<=13	Pass
16QAM	2575	50	0	8.18	<=13	Pass
	2595	50	0	8.22	<=13	Pass
	2615	50	0	8.36	<=13	Pass
64QAM	2575	50	0	8.47	<=13	Pass
	2595	50	0	8.36	<=13	Pass
	2615	50	0	8.58	<=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	7.82	<=13	Pass
	2595	75	0	7.88	<=13	Pass
	2612.5	75	0	7.50	<=13	Pass
16QAM	2577.5	75	0	8.10	<=13	Pass
	2595	75	0	8.06	<=13	Pass
	2612.5	75	0	7.99	<=13	Pass
64QAM	2577.5	75	0	8.08	<=13	Pass
	2595	75	0	8.28	<=13	Pass
	2612.5	75	0	8.25	<=13	Pass

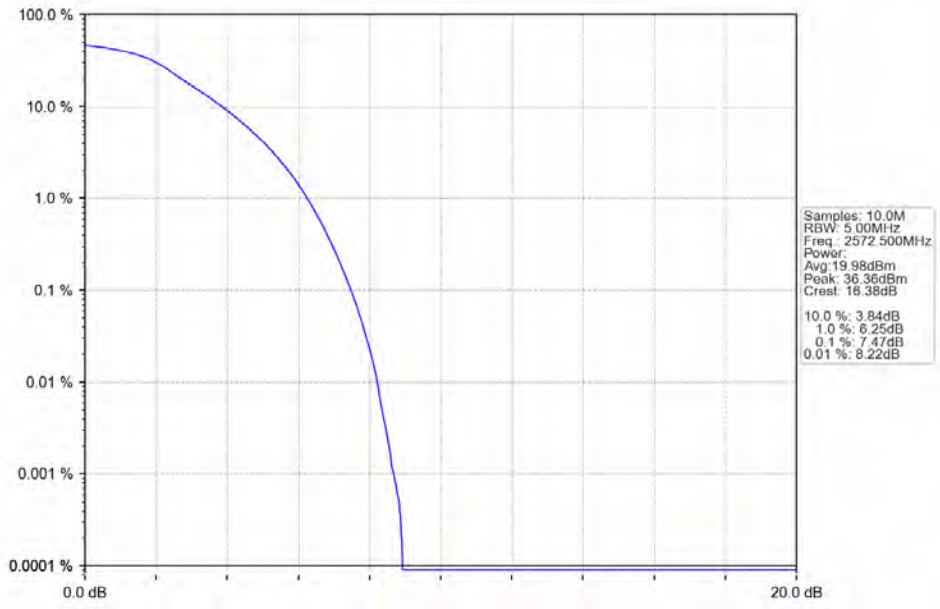
4.1.4 B38_20MHz

Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	7.17	<=13	Pass
	2595	100	0	8.09	<=13	Pass
	2610	100	0	7.30	<=13	Pass
16QAM	2580	100	0	8.68	<=13	Pass
	2595	100	0	8.11	<=13	Pass
	2610	100	0	8.12	<=13	Pass
64QAM	2580	100	0	8.43	<=13	Pass
	2595	100	0	8.36	<=13	Pass
	2610	100	0	8.14	<=13	Pass

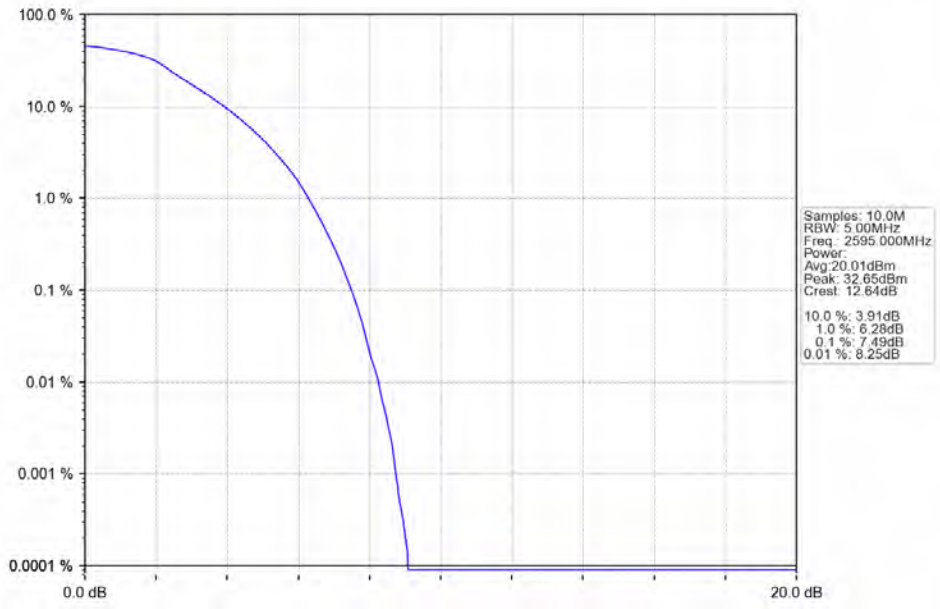
4.2 Test Graph

4.2.1 B38_5MHz

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

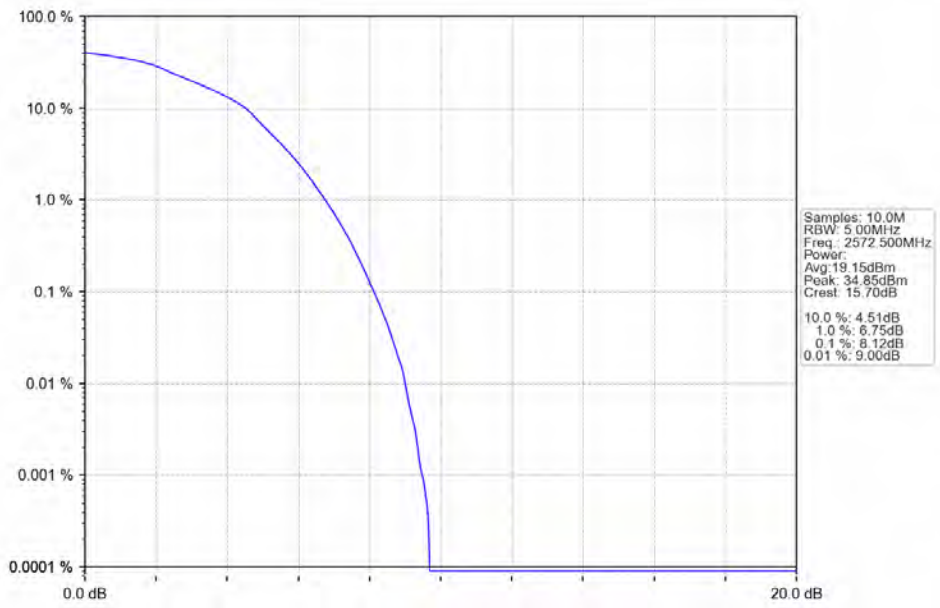


Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV

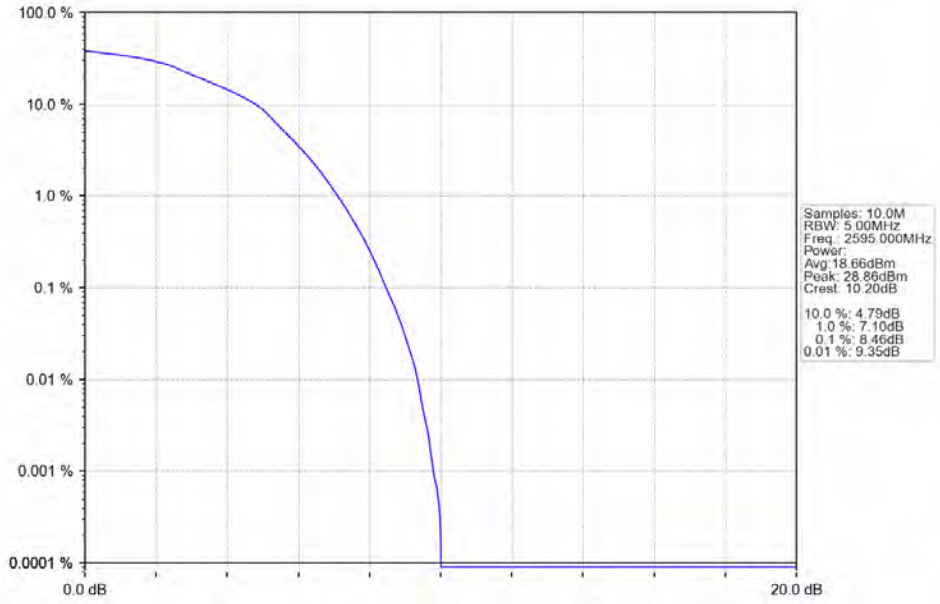


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV

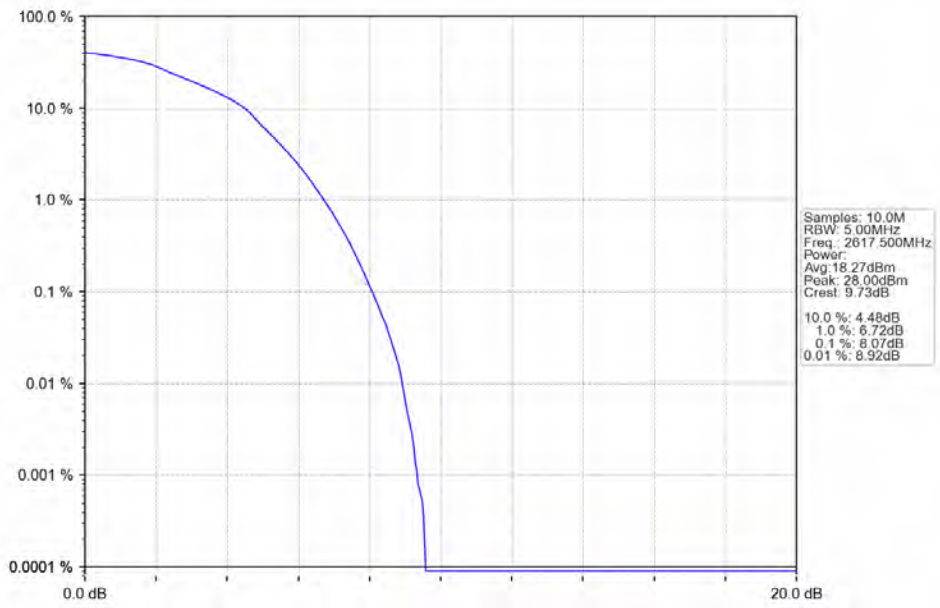
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



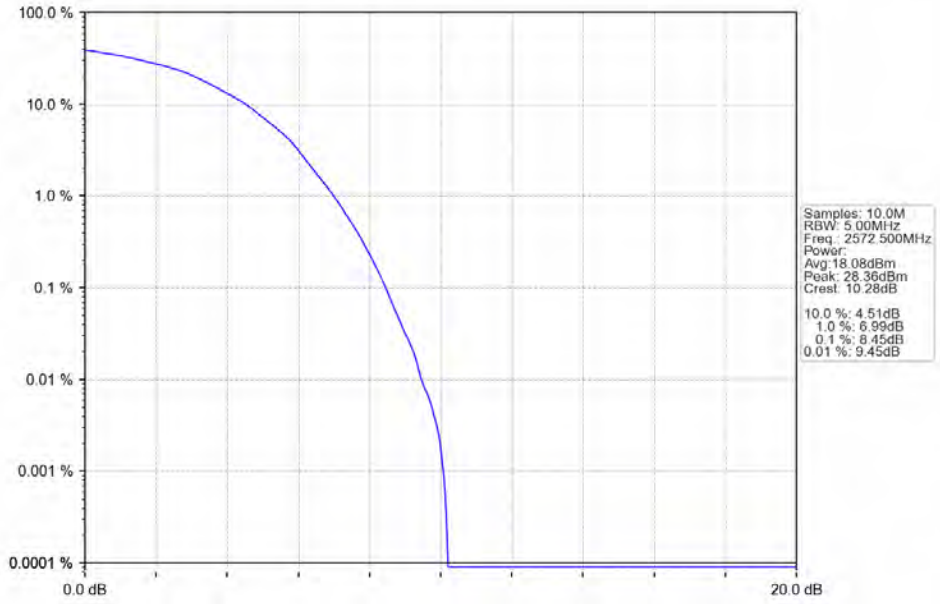
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



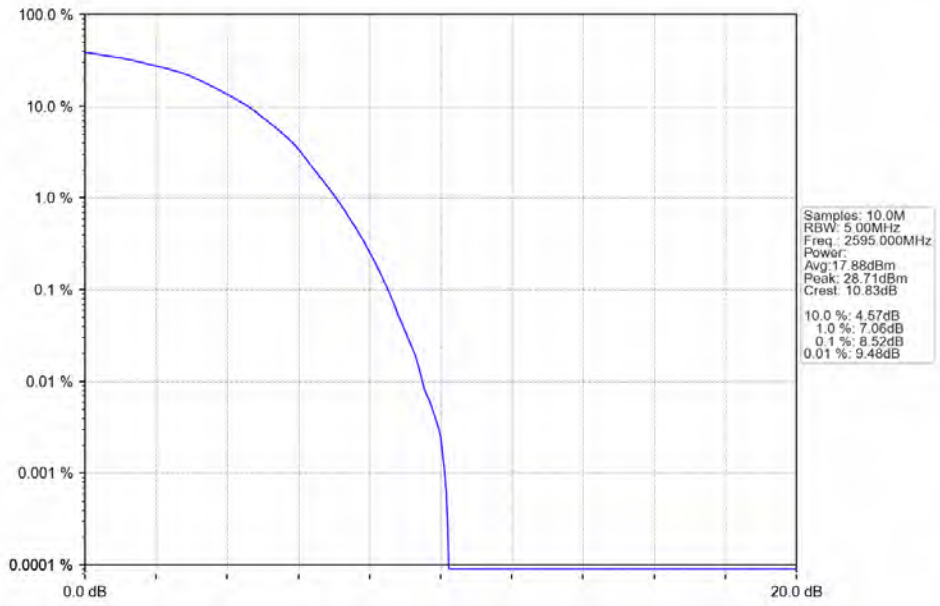
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



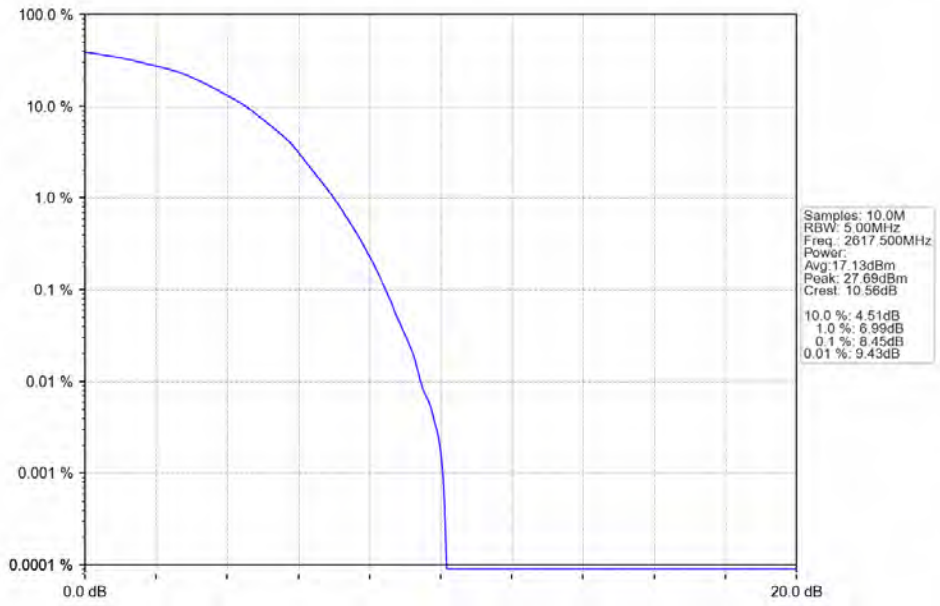
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



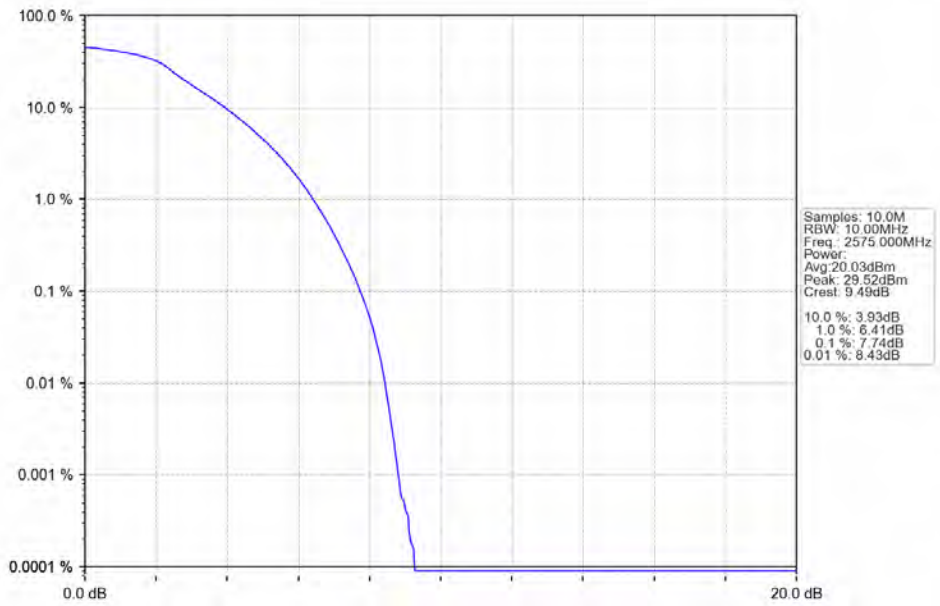
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV

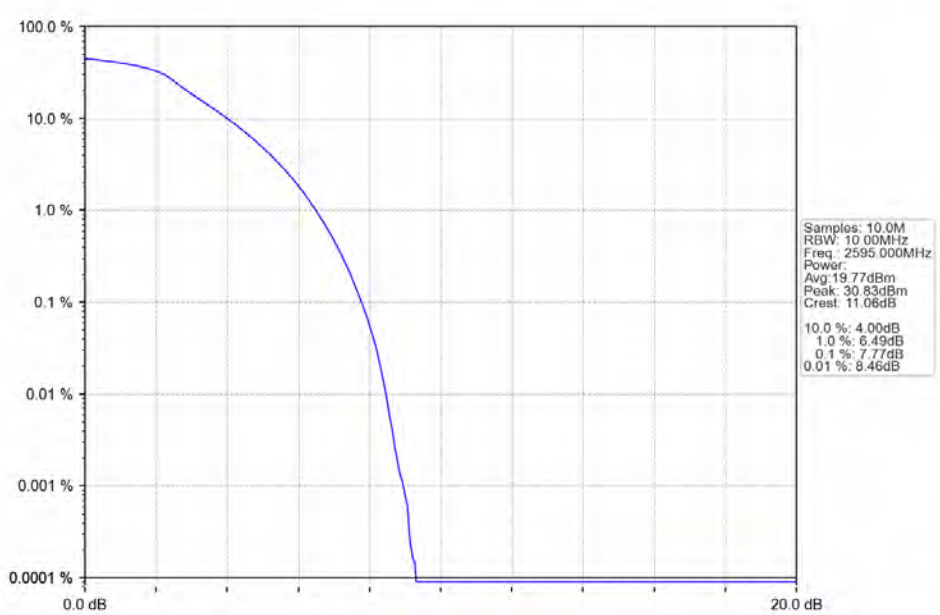


Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV

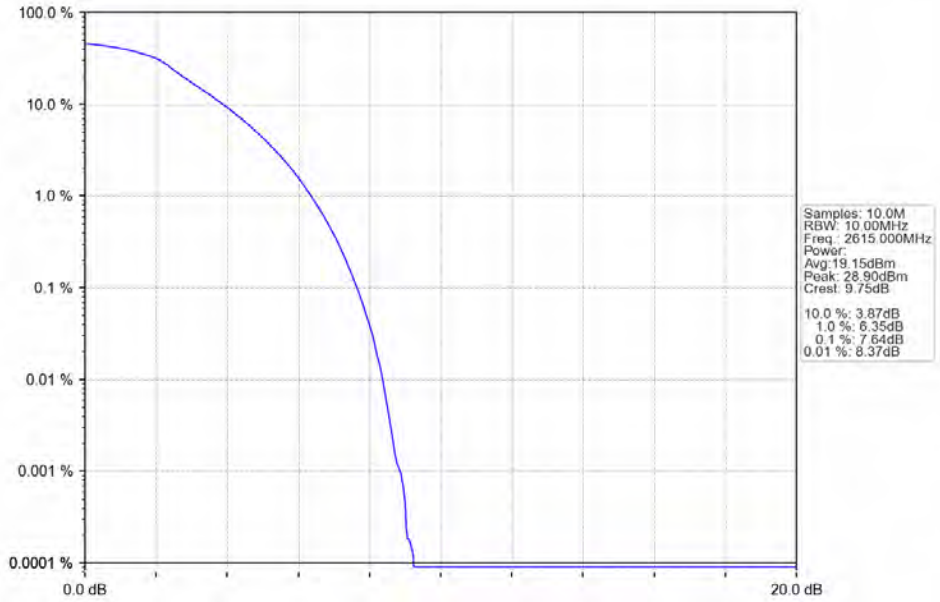


4.2.2 B38_10MHz

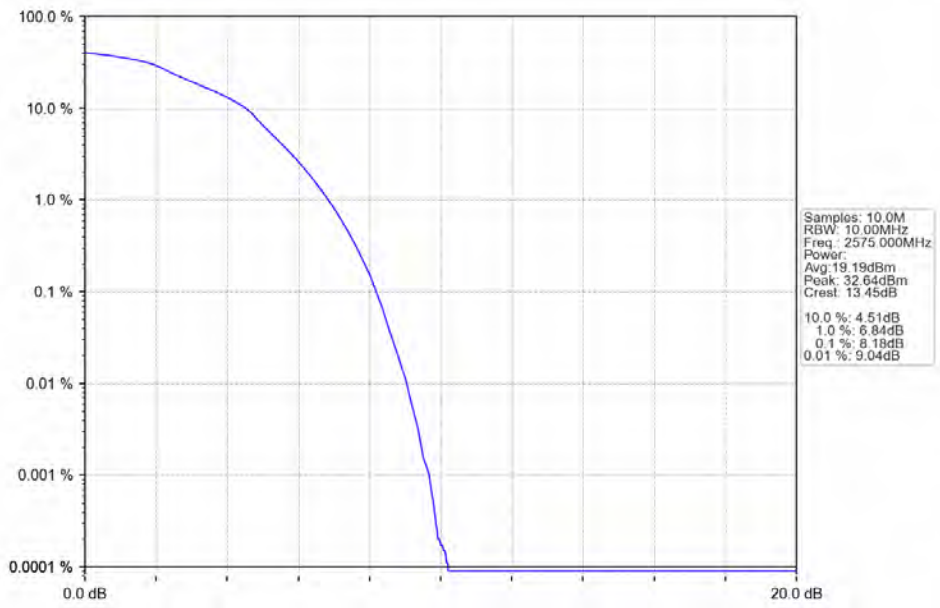
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV


Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV


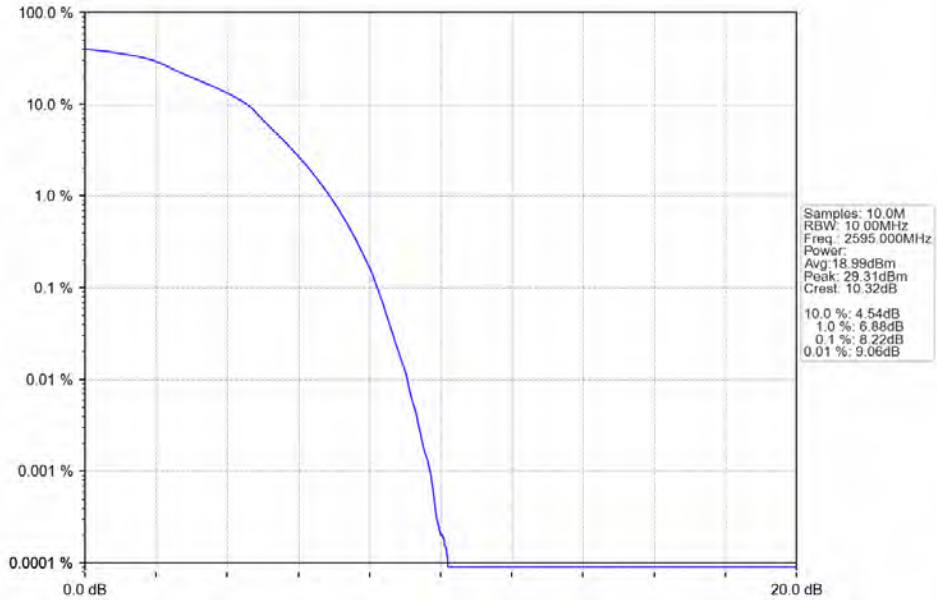
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



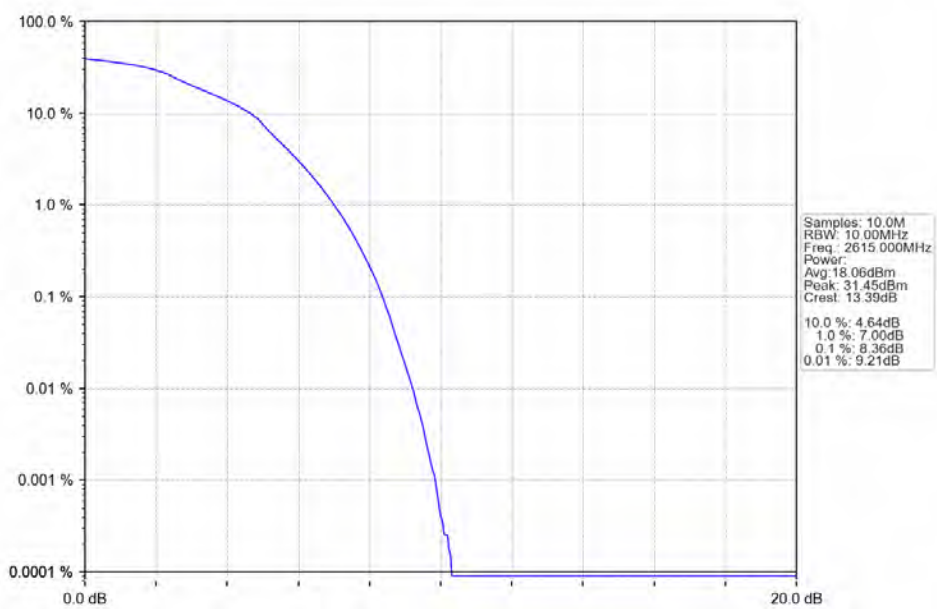
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



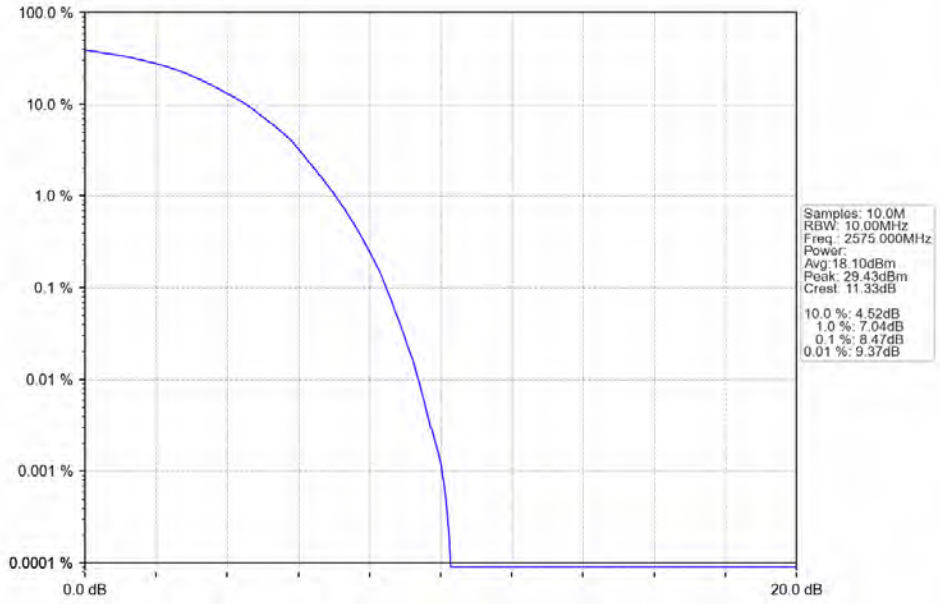
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



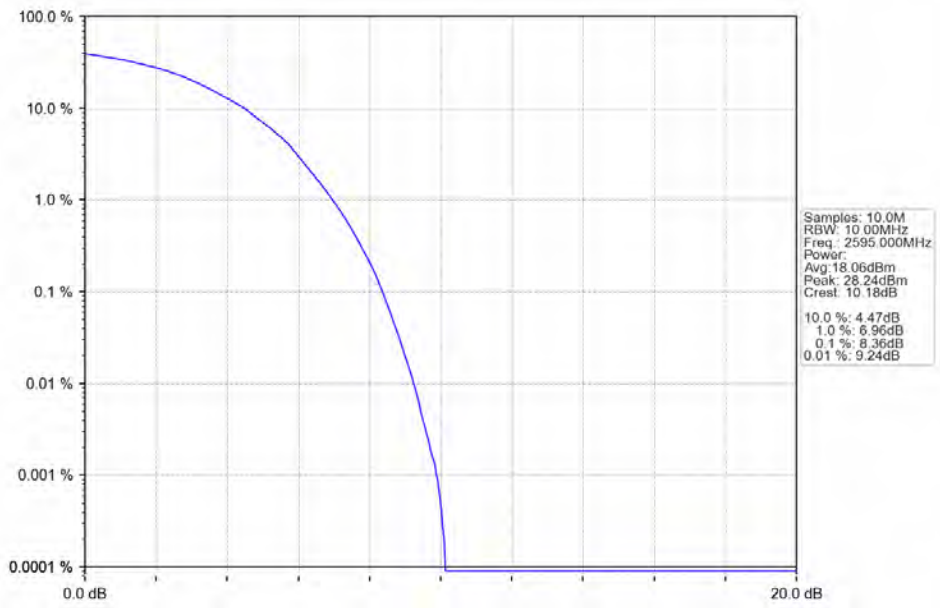
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



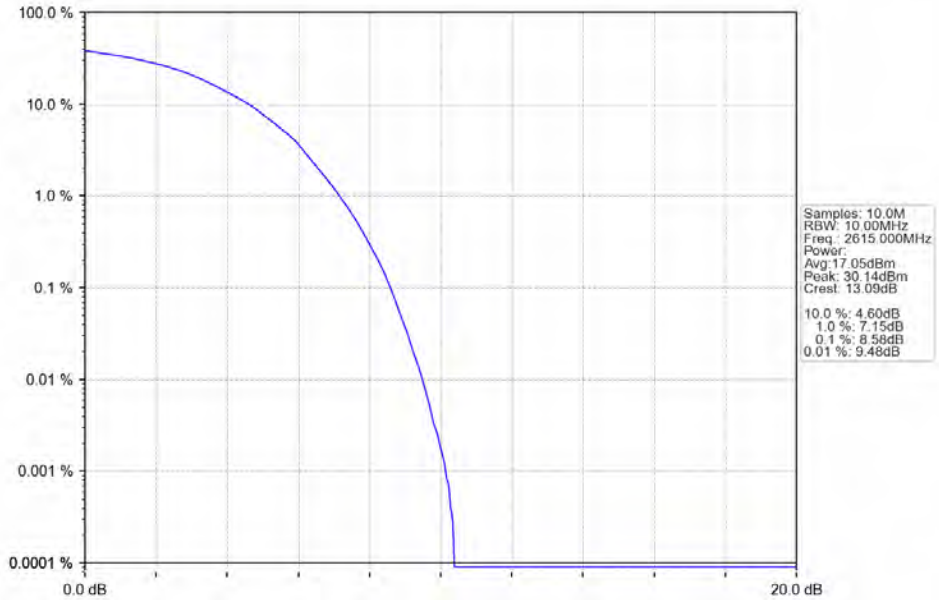
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



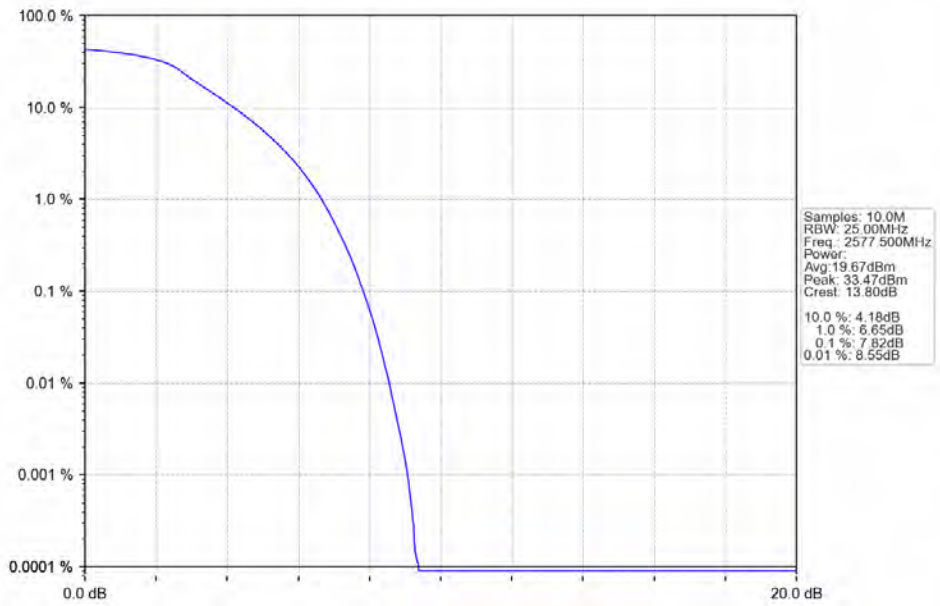
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV

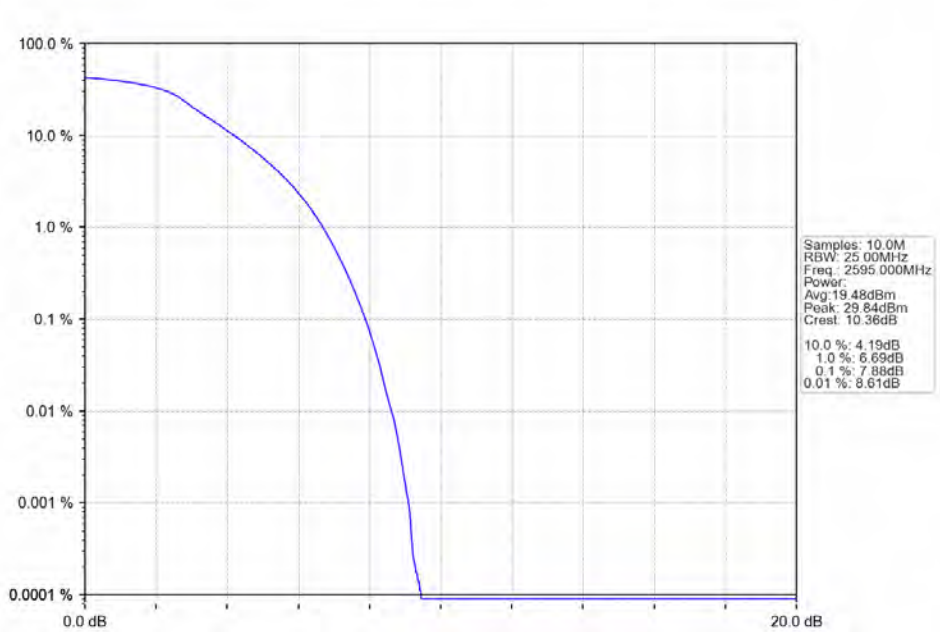


Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV

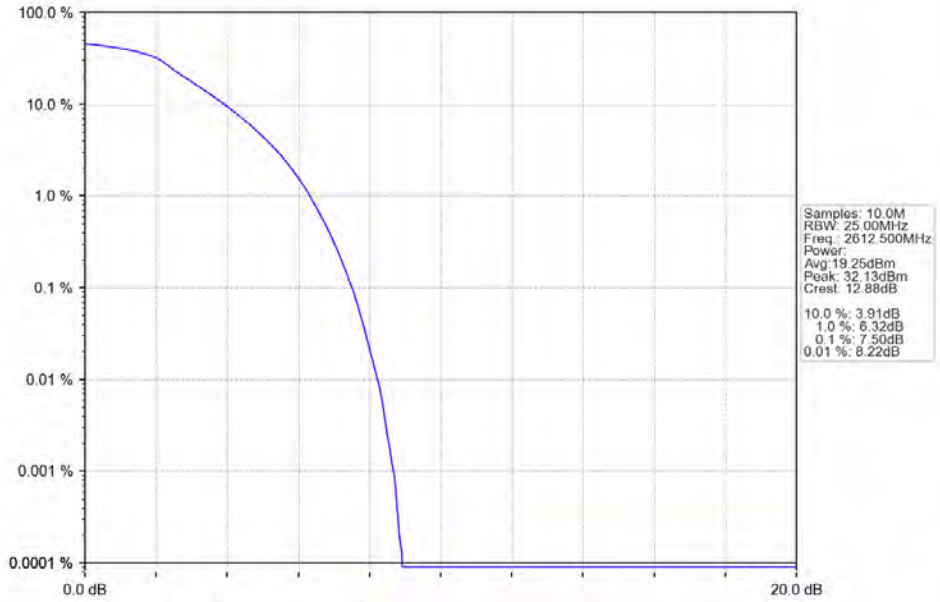


4.2.3 B38_15MHz

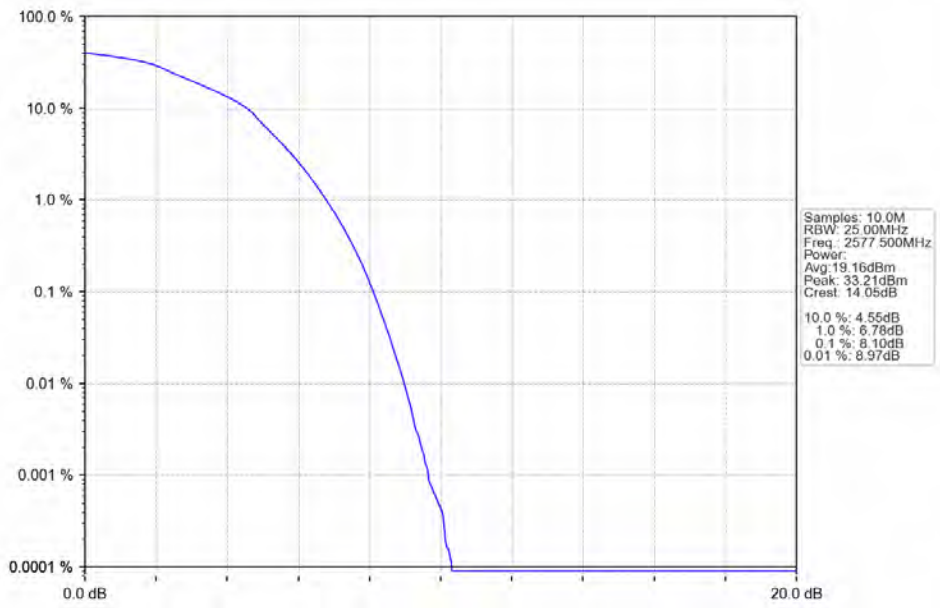
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV


Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV


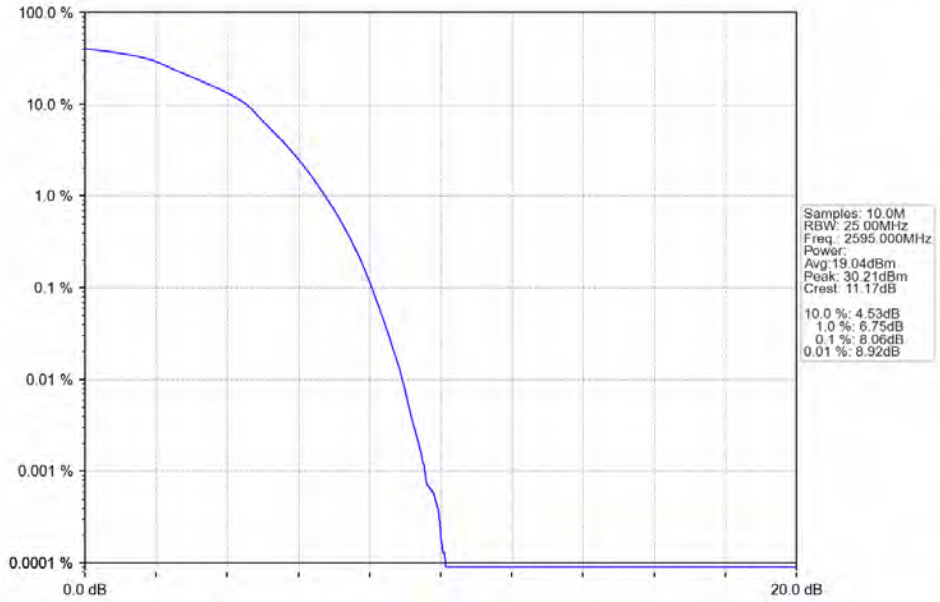
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



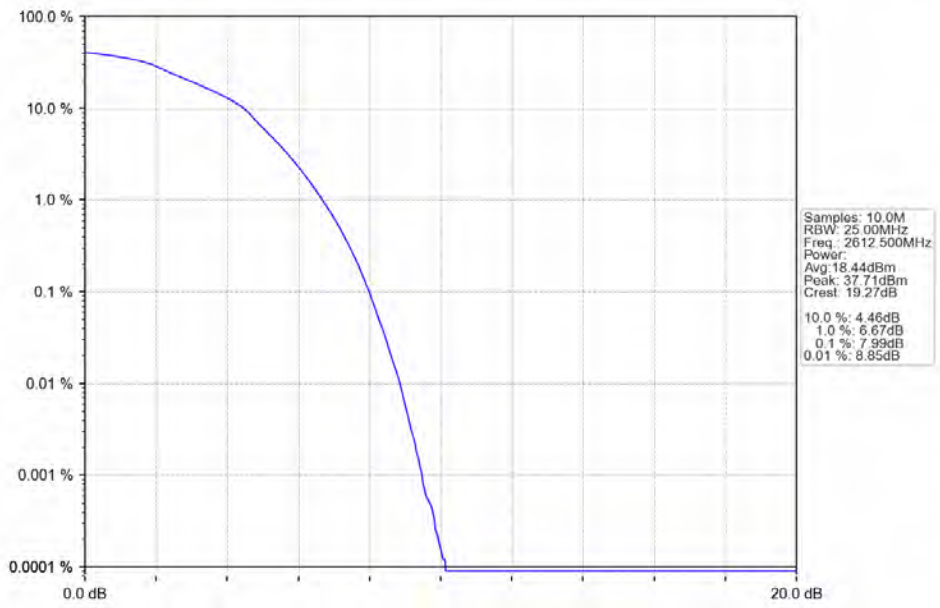
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



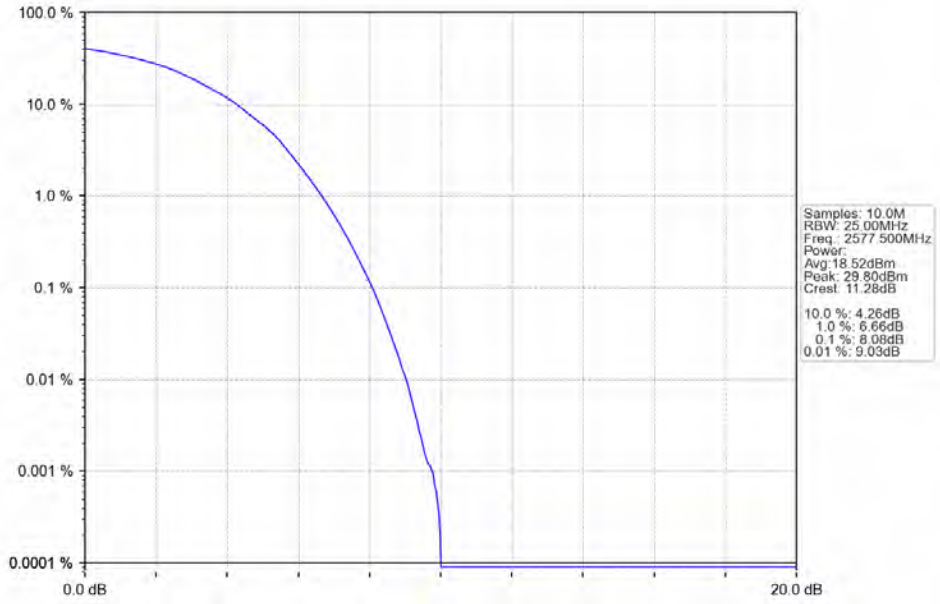
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



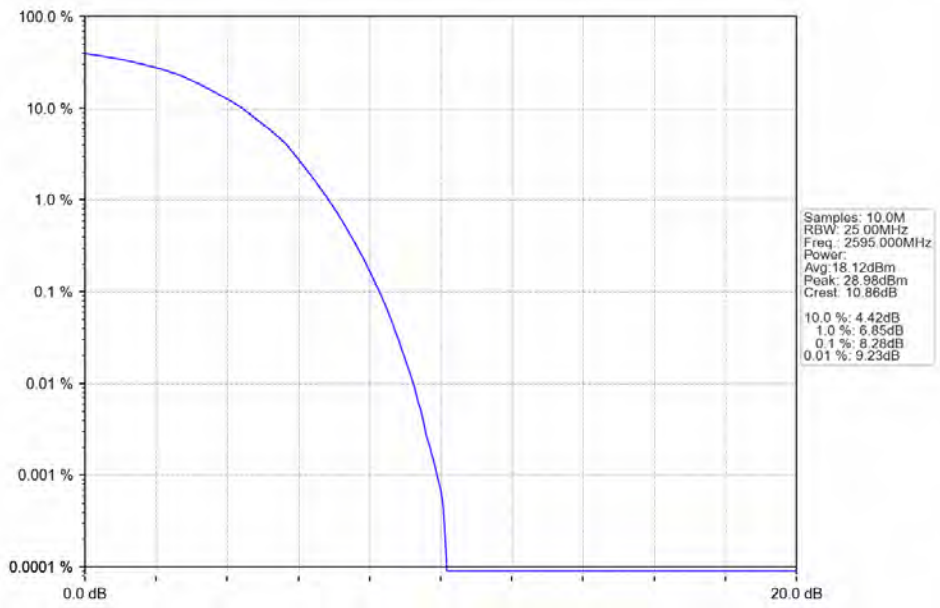
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



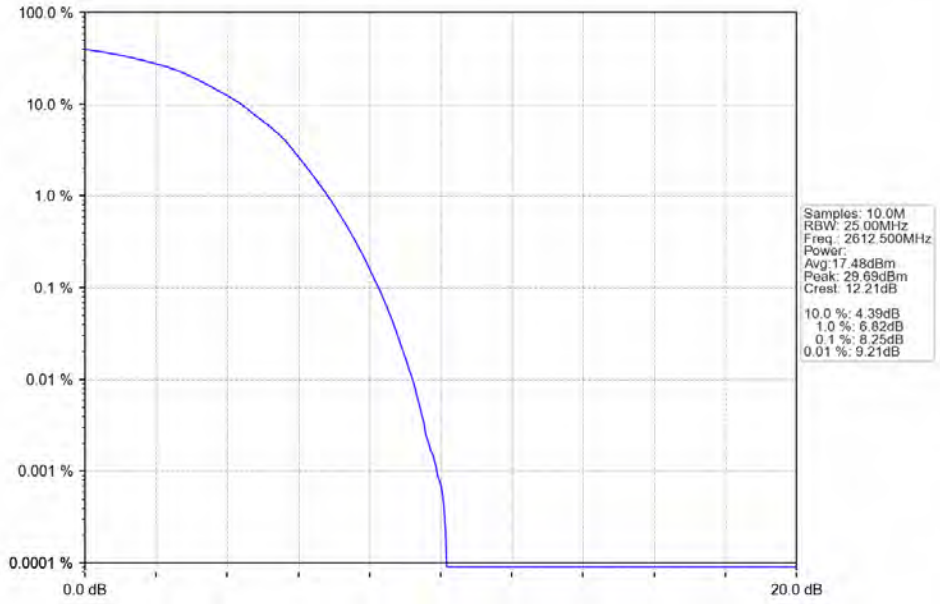
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV

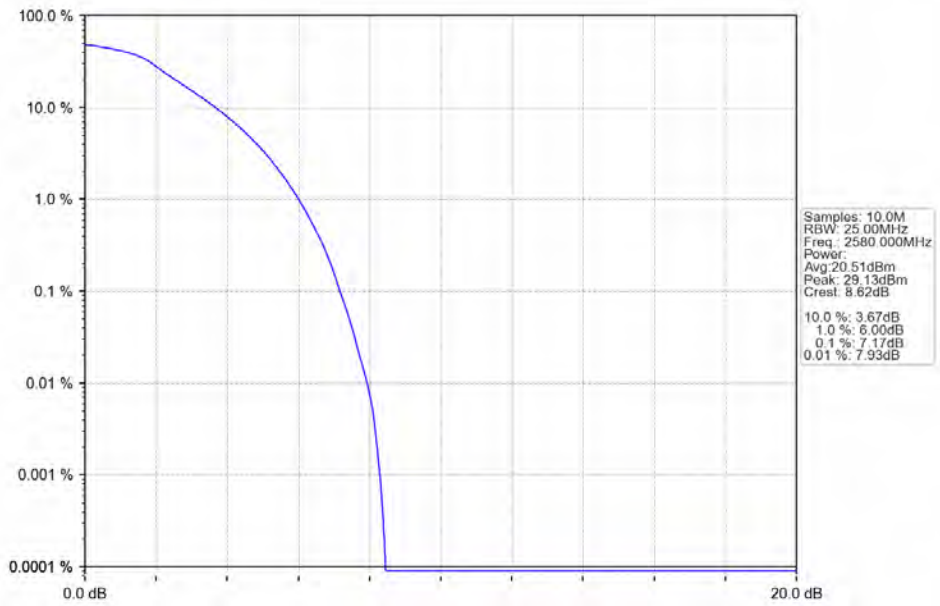


Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV

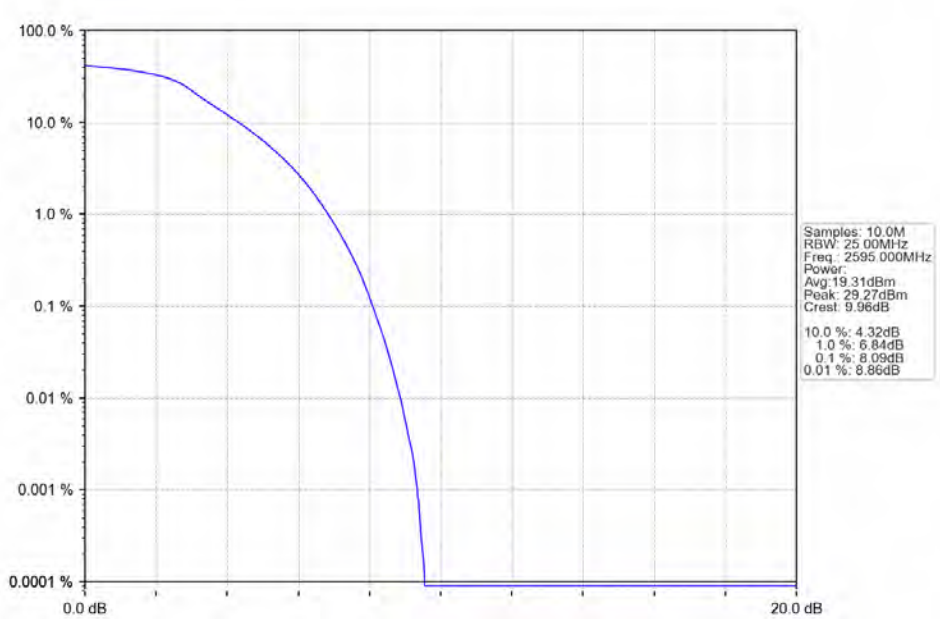


4.2.4 B38_20MHz

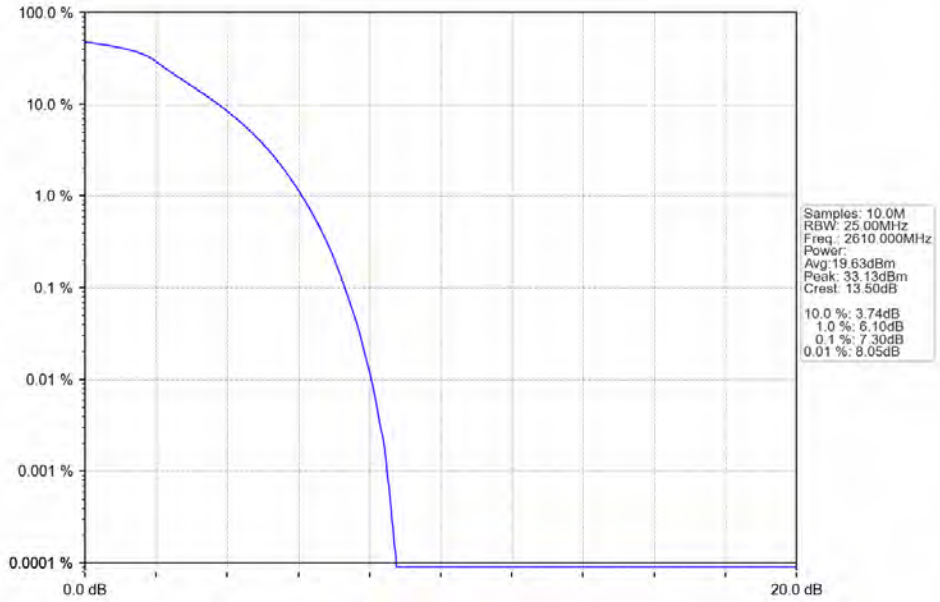
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



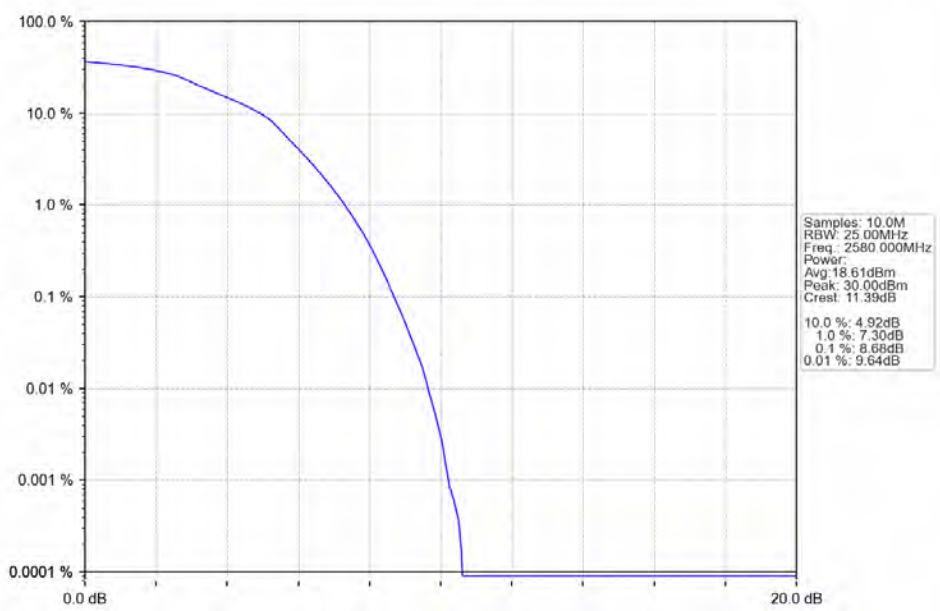
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



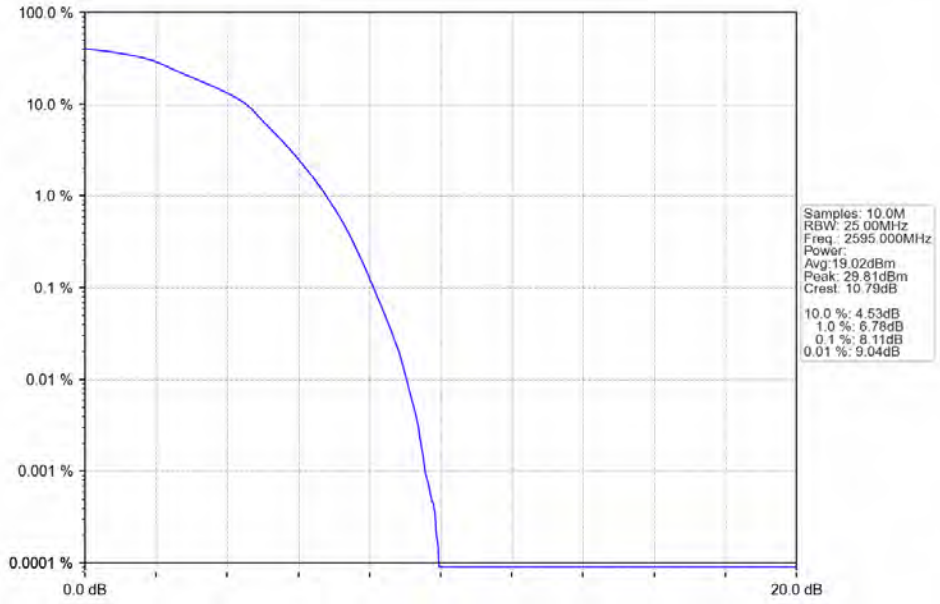
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



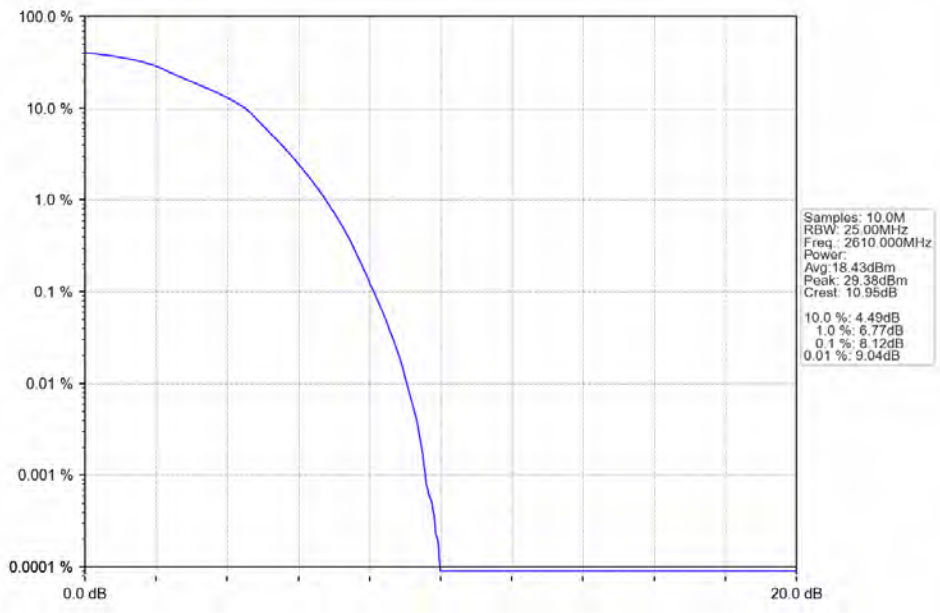
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



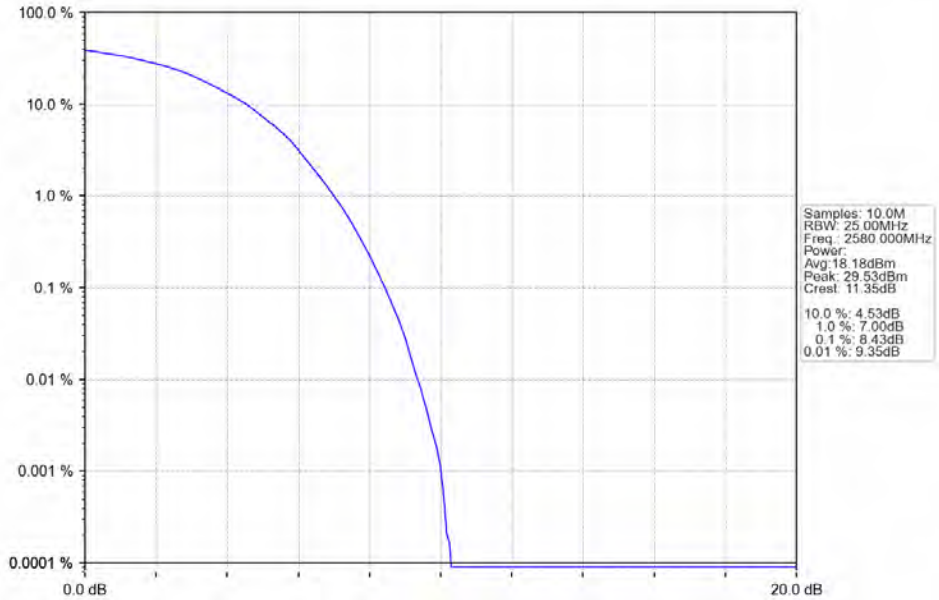
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



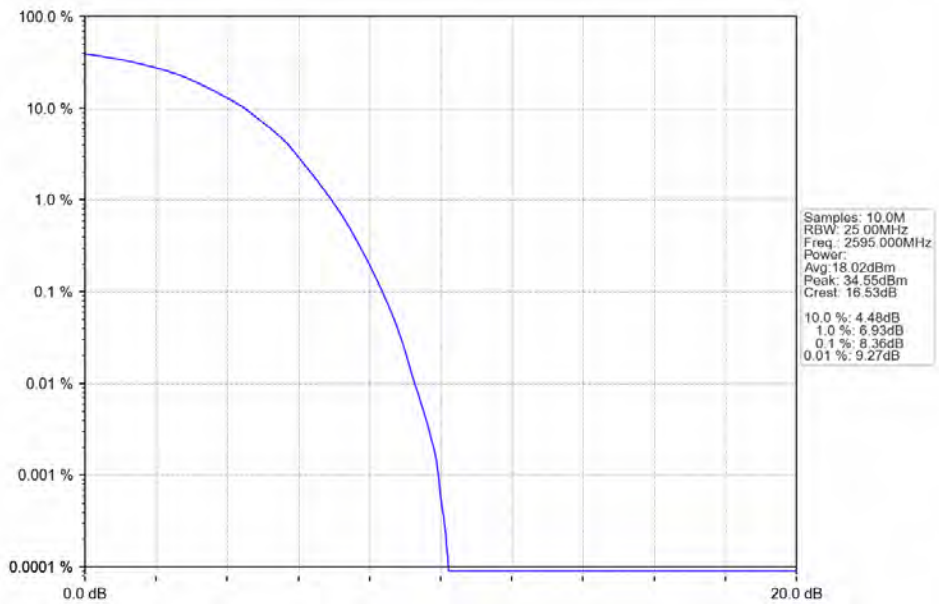
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



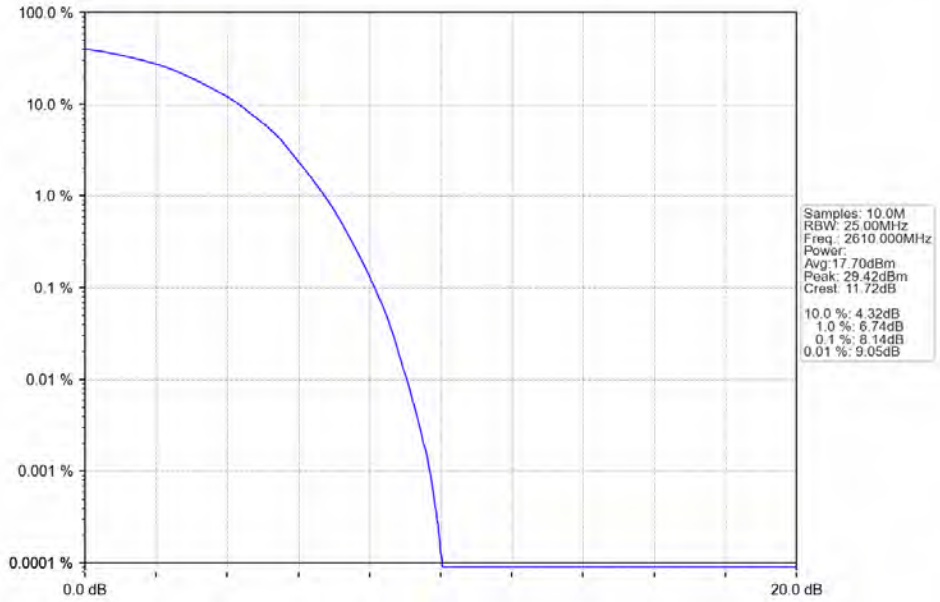
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



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

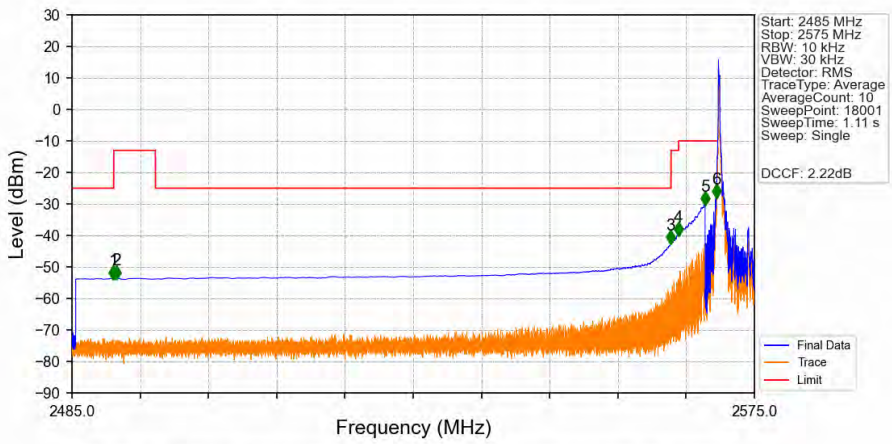
5.1.4 B38_20MHz

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

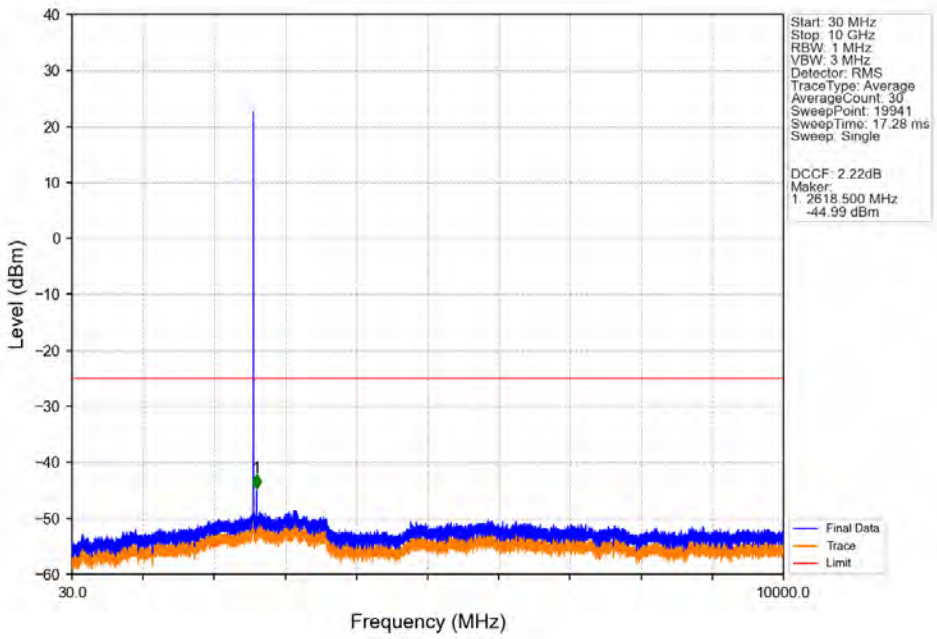
5.2.1 B38_5MHz

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

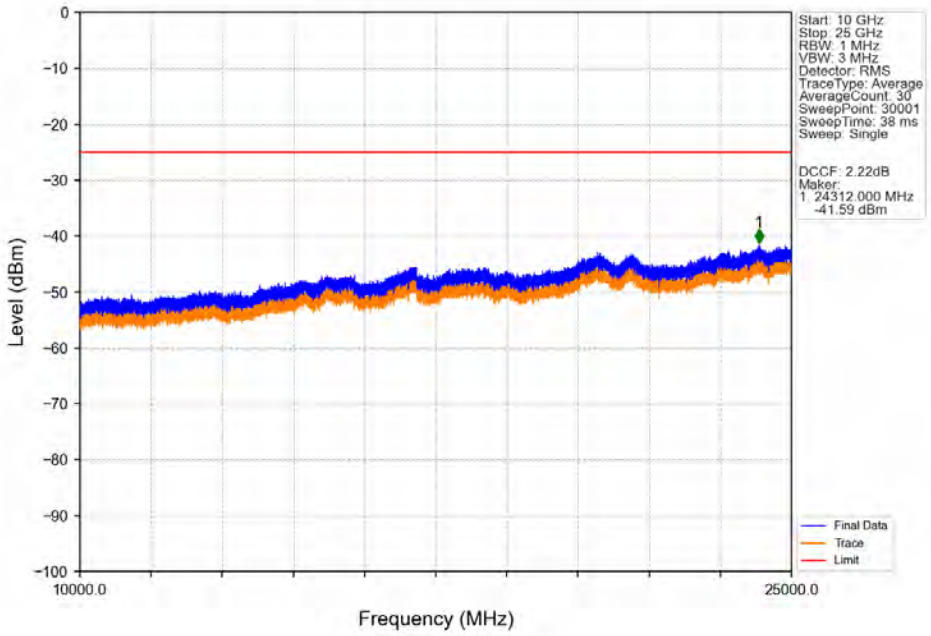


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.460	-53.61	-25	Pass
2490.5	2496	1	CHP	2	2490.900	-53.59	-13	Pass
2496	2564	1	CHP	3	2563.930	-42.39	-25	Pass
2564	2565	1	CHP	4	2564.995	-39.87	-13	Pass
2565	2569	1	CHP	5	2568.480	-30.06	-10	Pass
2569	2570	0.02	CHP	6	2569.985	-27.88	-10	Pass
2570	2575	0.02	CHP	/	/	/	/	/

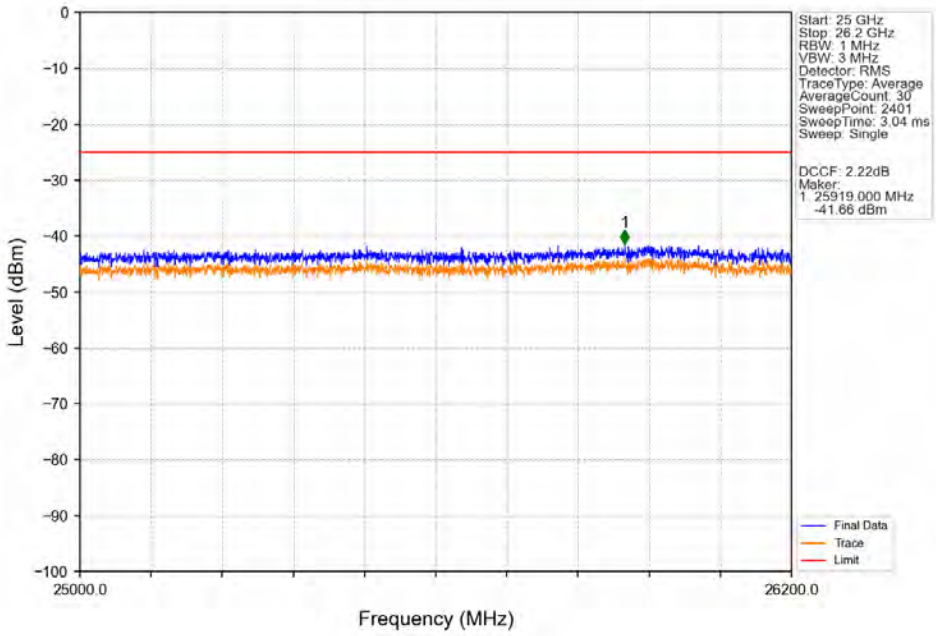
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



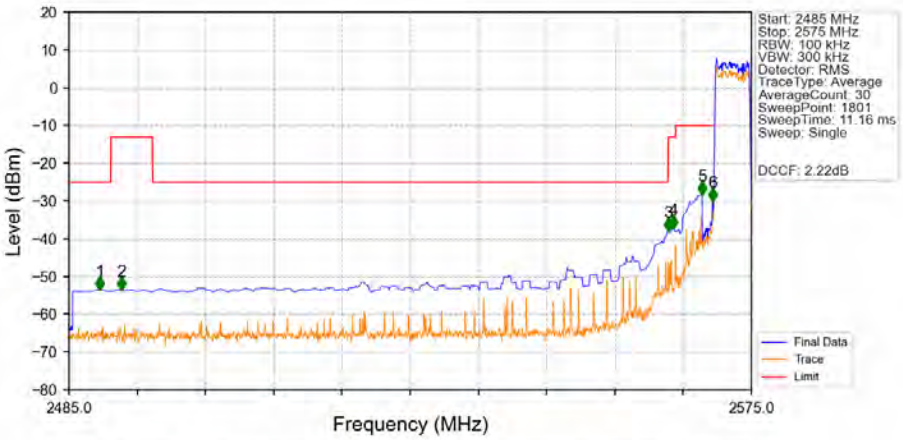
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

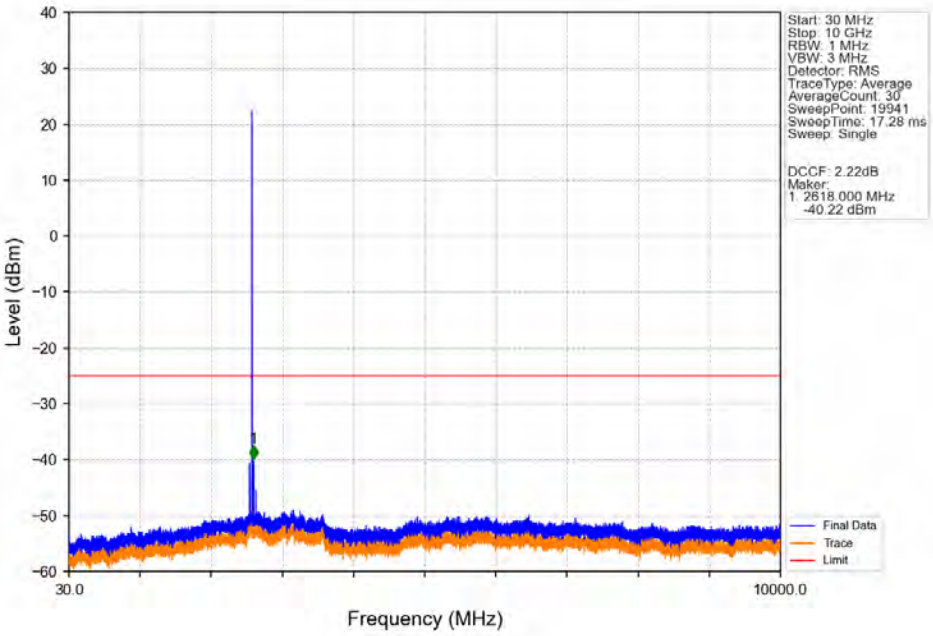


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

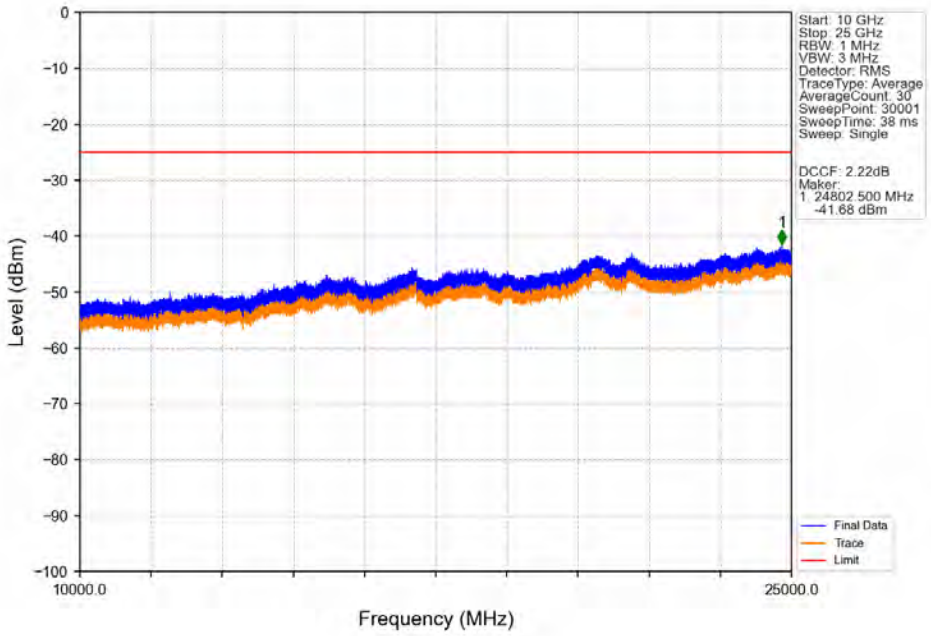


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.050	-53.42	-25	Pass
2490.5	2496	1	CHP	2	2491.900	-53.48	-13	Pass
2496	2564	1	CHP	3	2564.000	-37.87	-25	Pass
2564	2565	1	CHP	4	2564.700	-37.21	-13	Pass
2565	2569	1	CHP	5	2568.500	-28.23	-10	Pass
2569	2570	0.1	/	6	2569.900	-29.87	-10	Pass
2570	2575	0.1	/	/	/	/	/	/

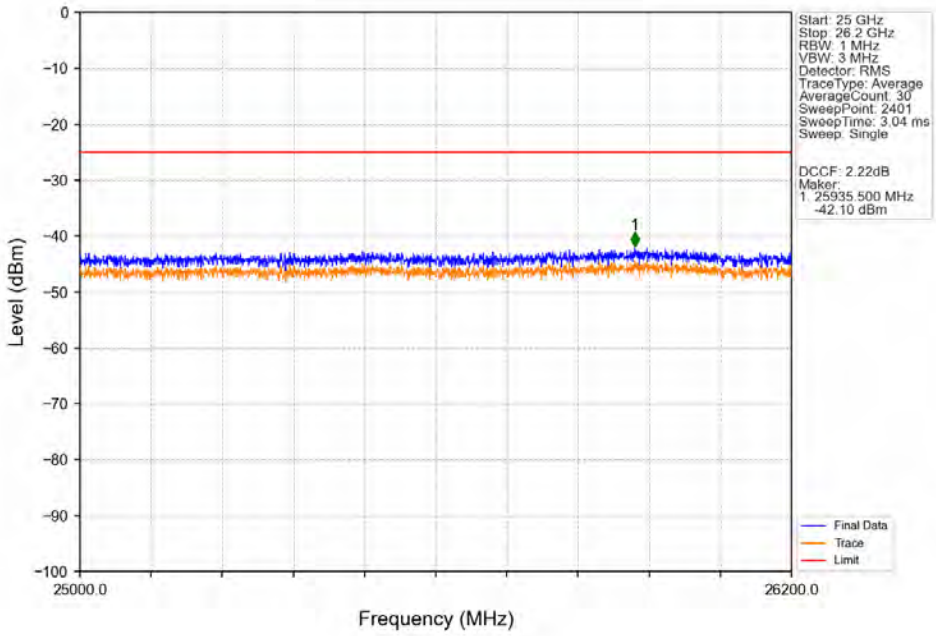
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



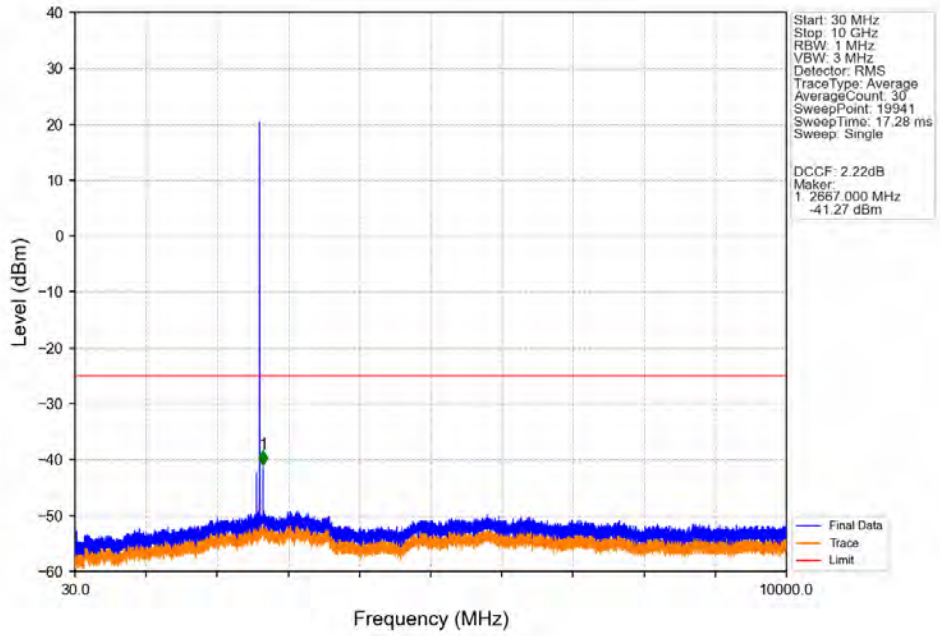
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



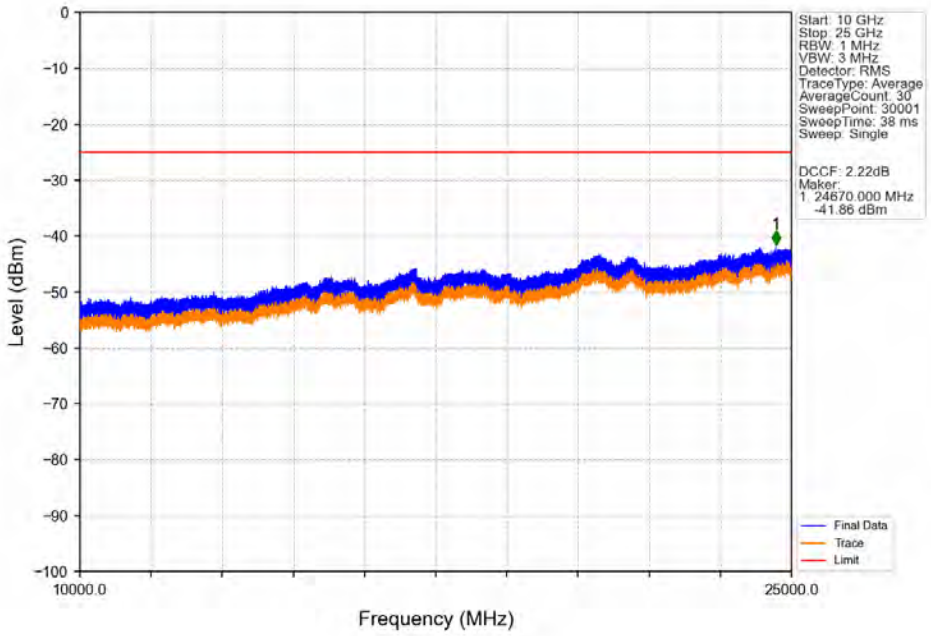
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



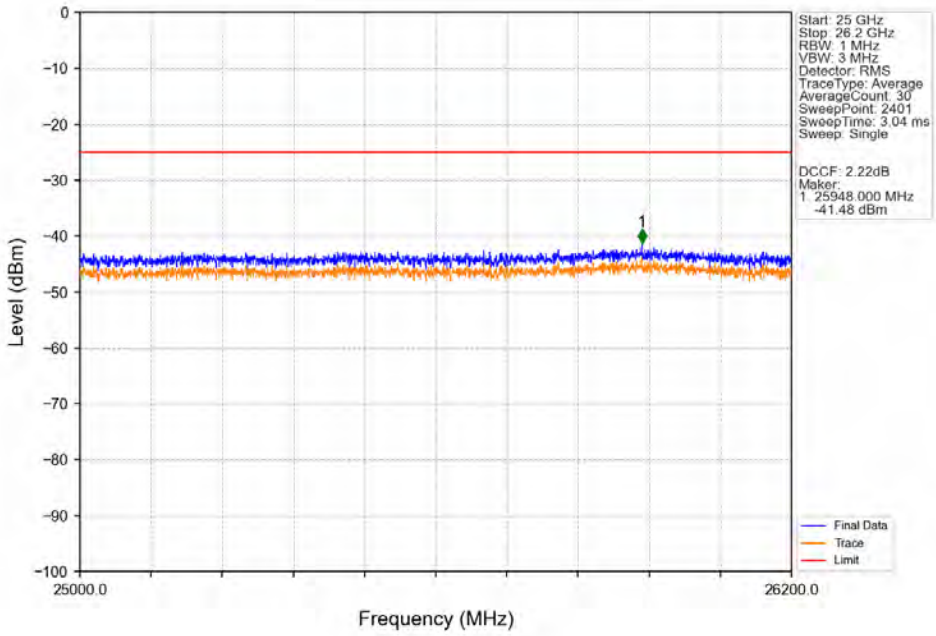
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



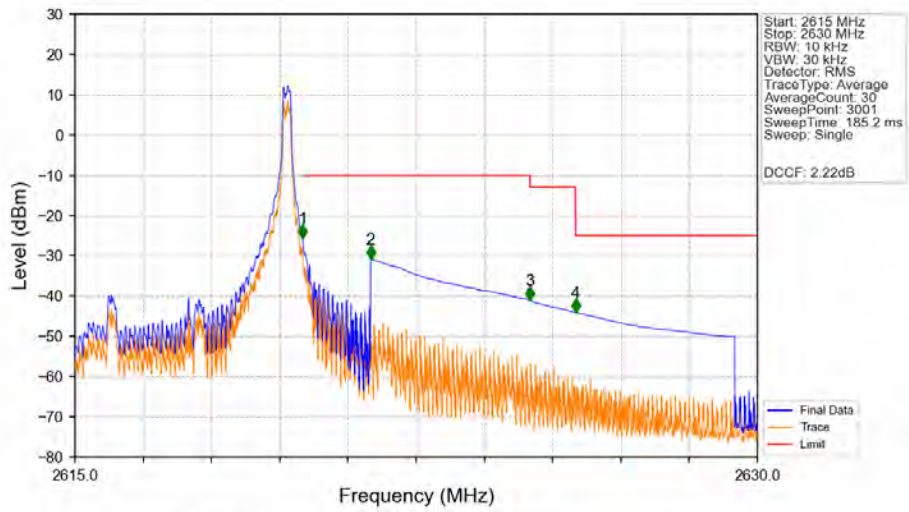
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

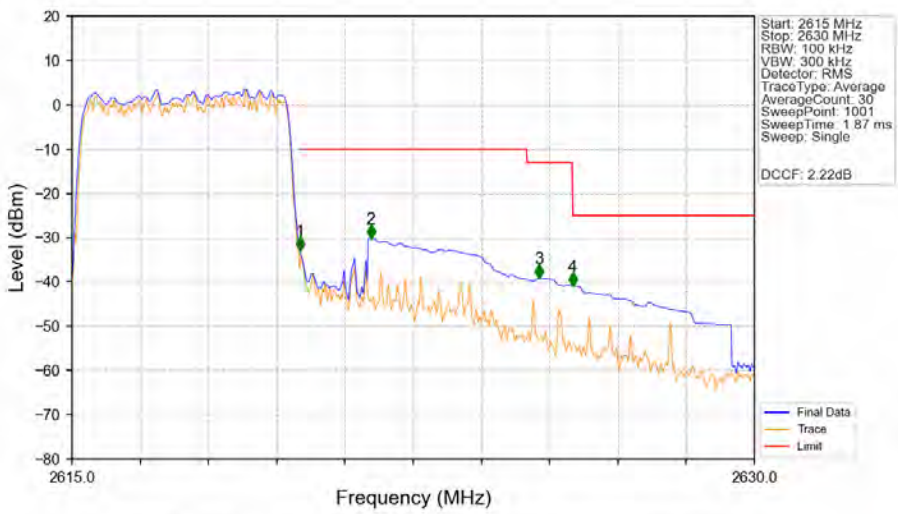


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



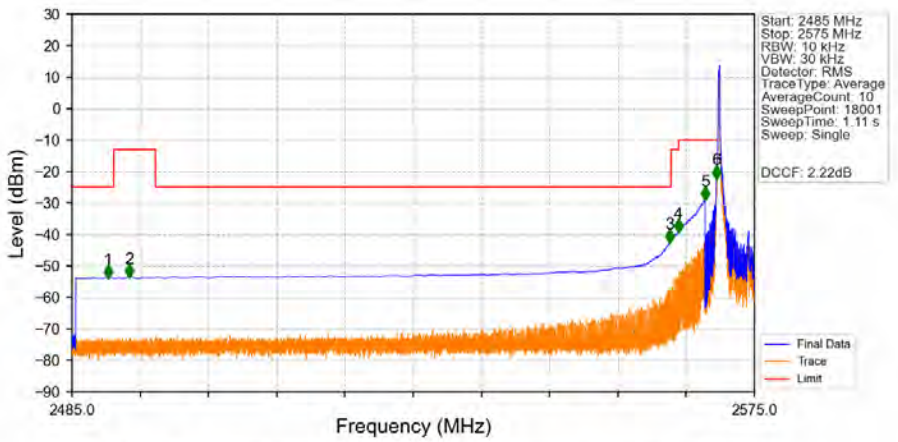
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-25.72	-10	Pass
2621	2625	1	CHP	2	2621.500	-30.85	-10	Pass
2625	2626	1	CHP	3	2625.005	-41.02	-13	Pass
2626	2630	1	CHP	4	2626.005	-44.02	-25	Pass

Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



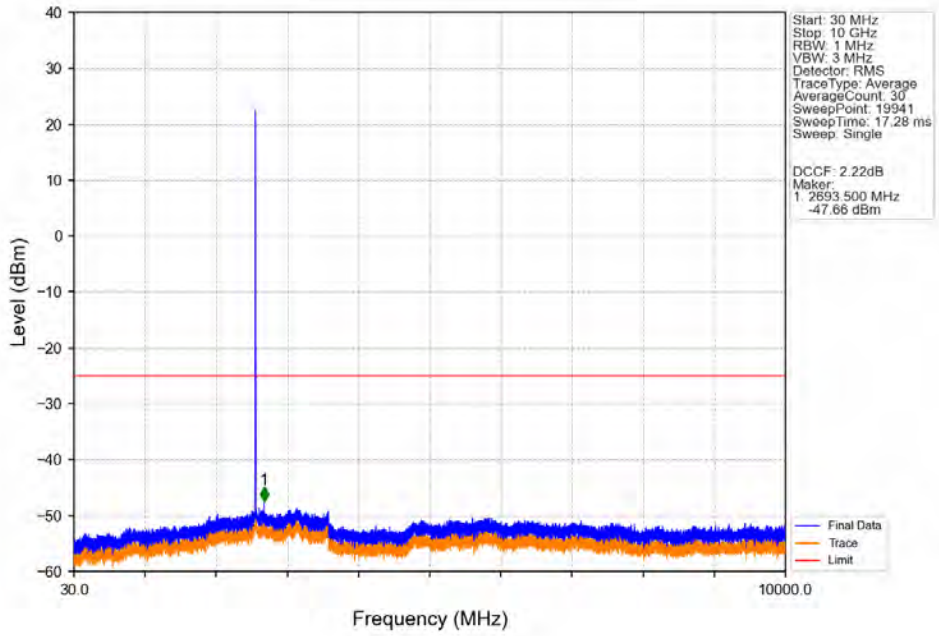
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.102	CHP	/	/	/	/	/
2620	2621	0.102	CHP	1	2620.010	-33.02	-10	Pass
2621	2625	1	CHP	2	2621.570	-30.20	-10	Pass
2625	2626	1	CHP	3	2625.260	-39.17	-13	Pass
2626	2630	1	CHP	4	2626.010	-40.91	-25	Pass

Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV

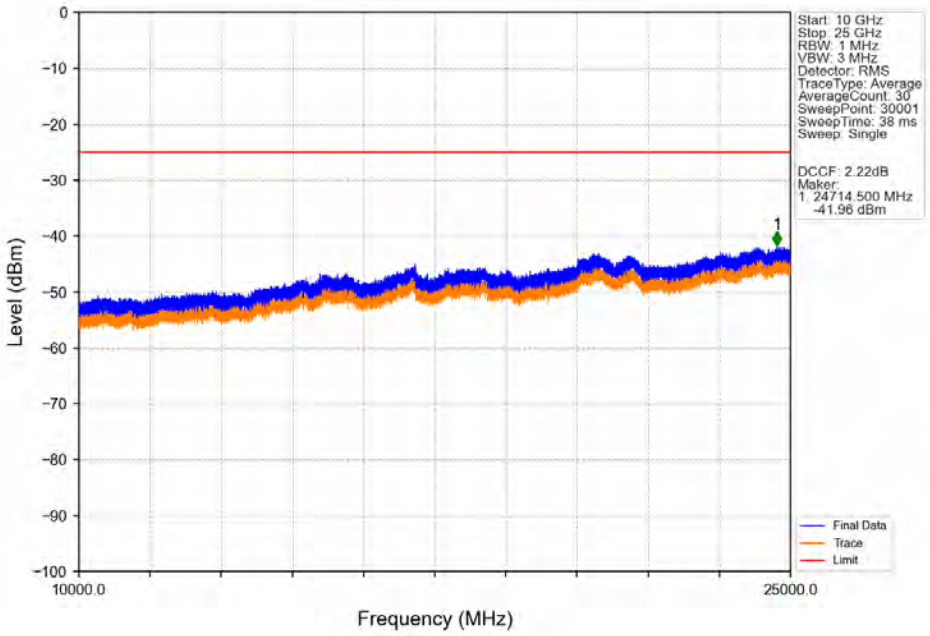


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.785	-53.66	-25	Pass
2490.5	2496	1	CHP	2	2492.565	-53.56	-13	Pass
2496	2564	1	CHP	3	2563.875	-42.40	-25	Pass
2564	2565	1	CHP	4	2564.990	-39.14	-13	Pass
2565	2569	1	CHP	5	2568.490	-28.87	-10	Pass
2569	2570	0.02	CHP	6	2569.980	-22.04	-10	Pass
2570	2575	0.02	CHP	/	/	/	/	/

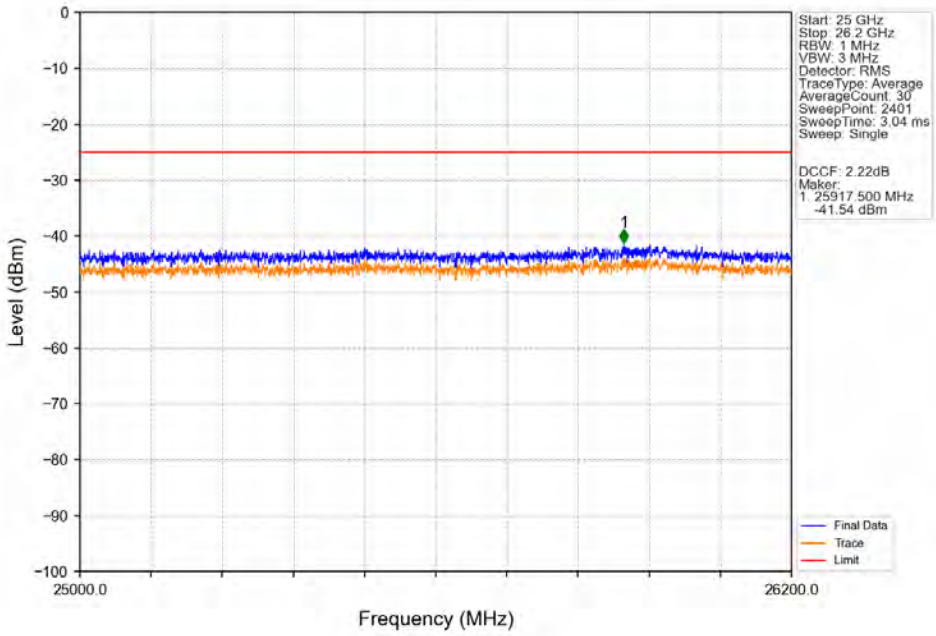
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



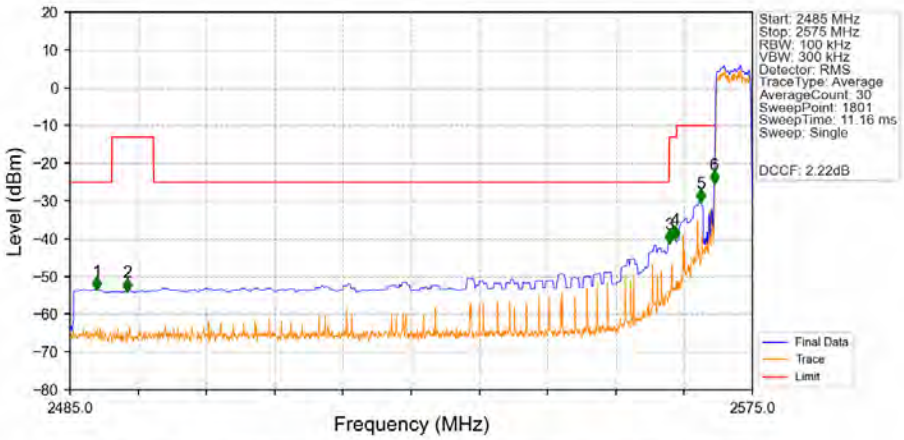
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_LCH_2572.5MHz_RB_1_0_NTNV

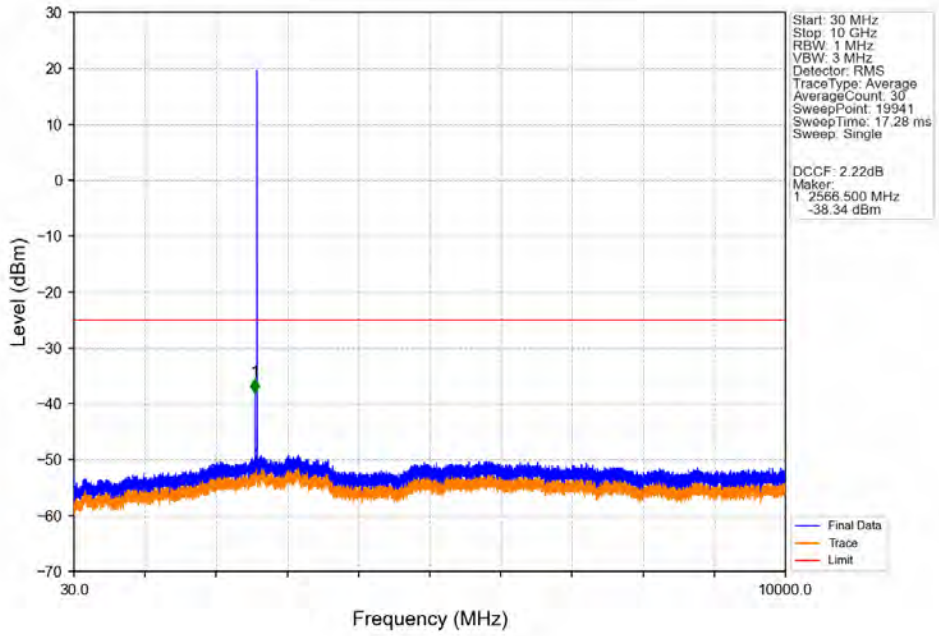


Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV

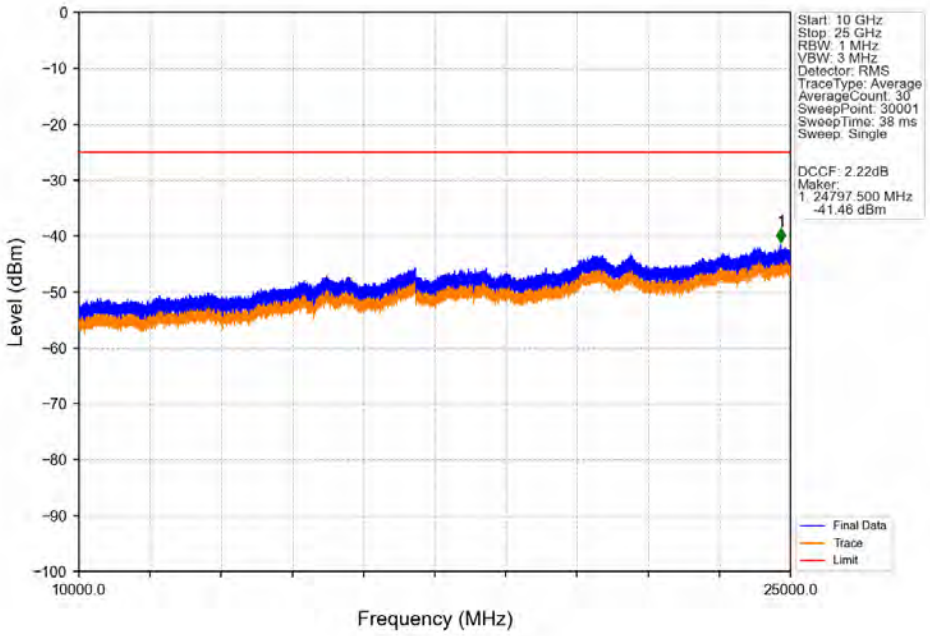


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.550	-53.35	-25	Pass
2490.5	2496	1	CHP	2	2492.600	-53.71	-13	Pass
2496	2564	1	CHP	3	2564.000	-41.08	-25	Pass
2564	2565	1	CHP	4	2564.800	-39.83	-13	Pass
2565	2569	1	CHP	5	2568.150	-30.19	-10	Pass
2569	2570	0.109	CHP	6	2569.950	-25.21	-10	Pass
2570	2575	0.109	CHP	/	/	/	/	/

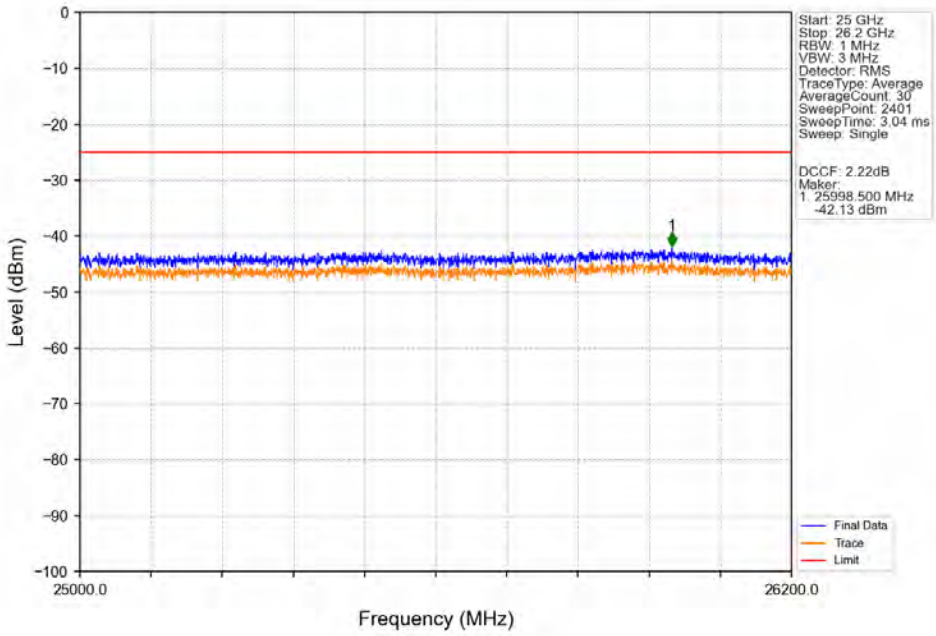
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



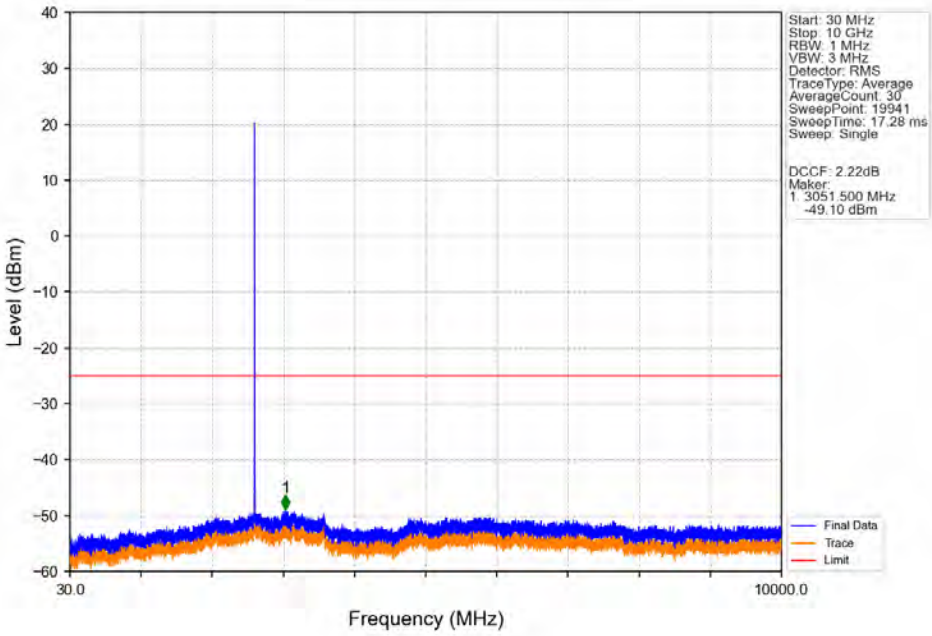
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



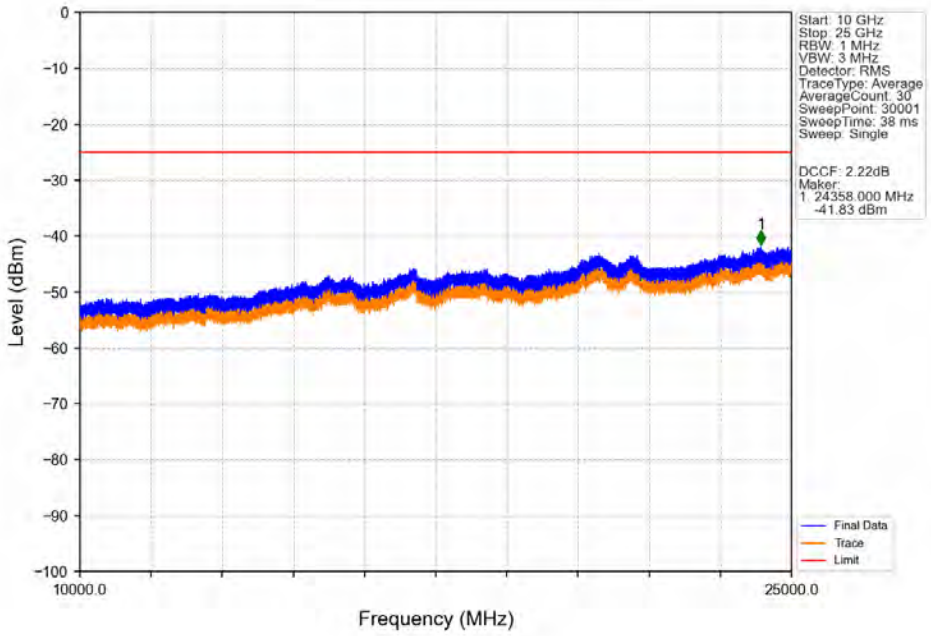
Band38_5MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



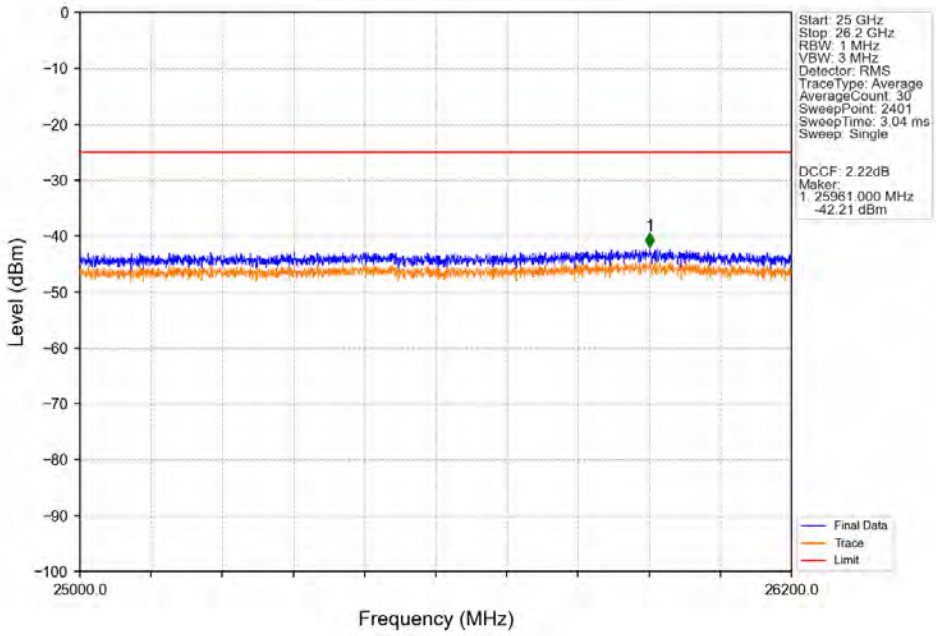
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



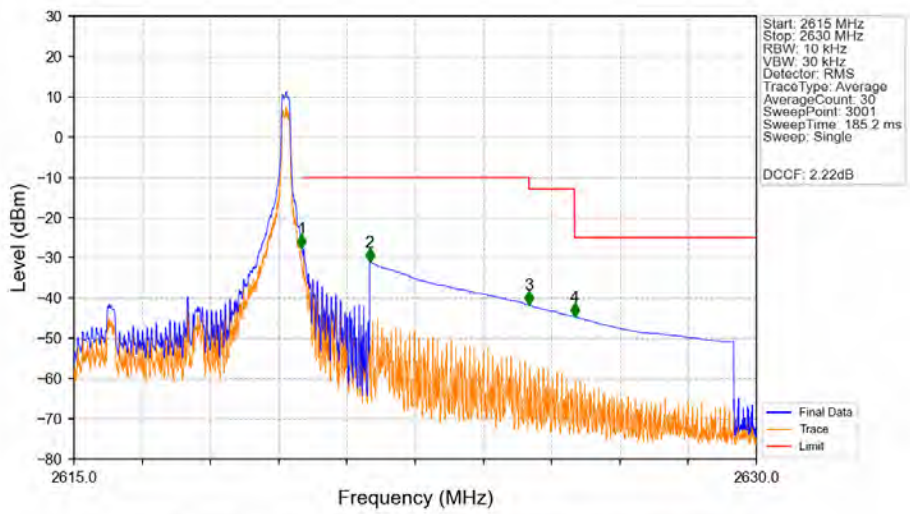
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_0_NTNV

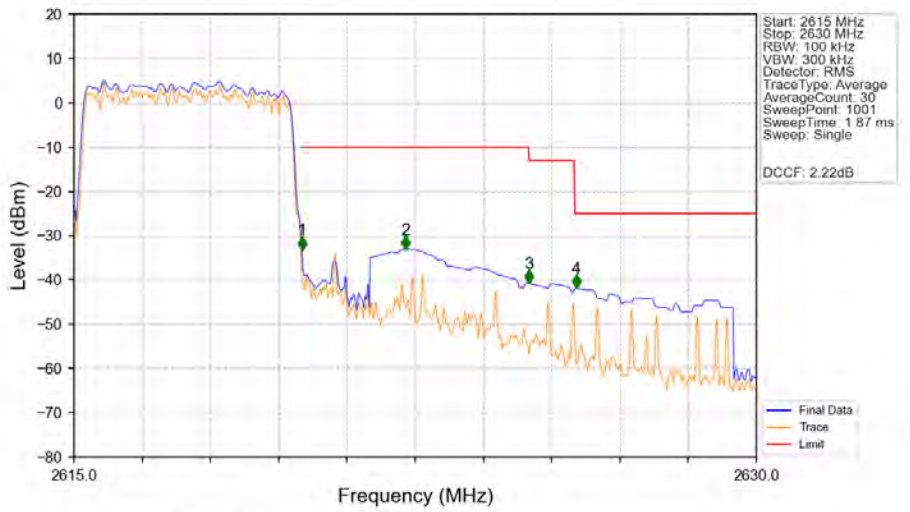


Band38_5MHz_16QAM_HCH_2617.5MHz_RB_1_24_NTNV



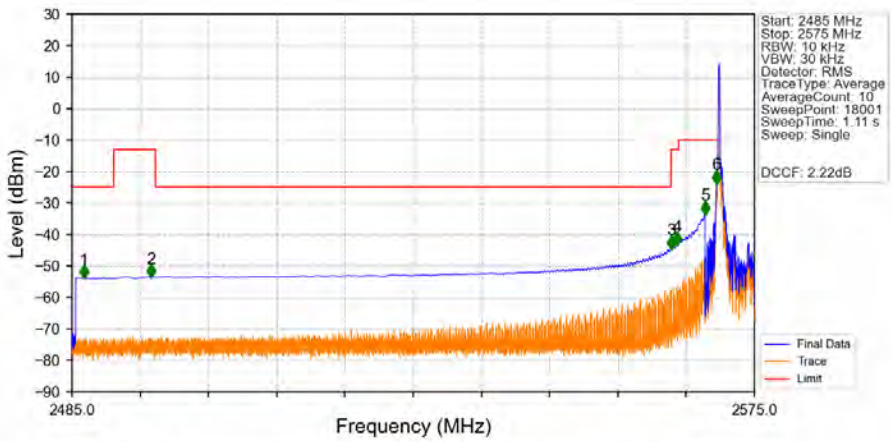
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-27.59	-10	Pass
2621	2625	1	CHP	2	2621.500	-31.04	-10	Pass
2625	2626	1	CHP	3	2625.005	-41.72	-13	Pass
2626	2630	1	CHP	4	2626.005	-44.67	-25	Pass

Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



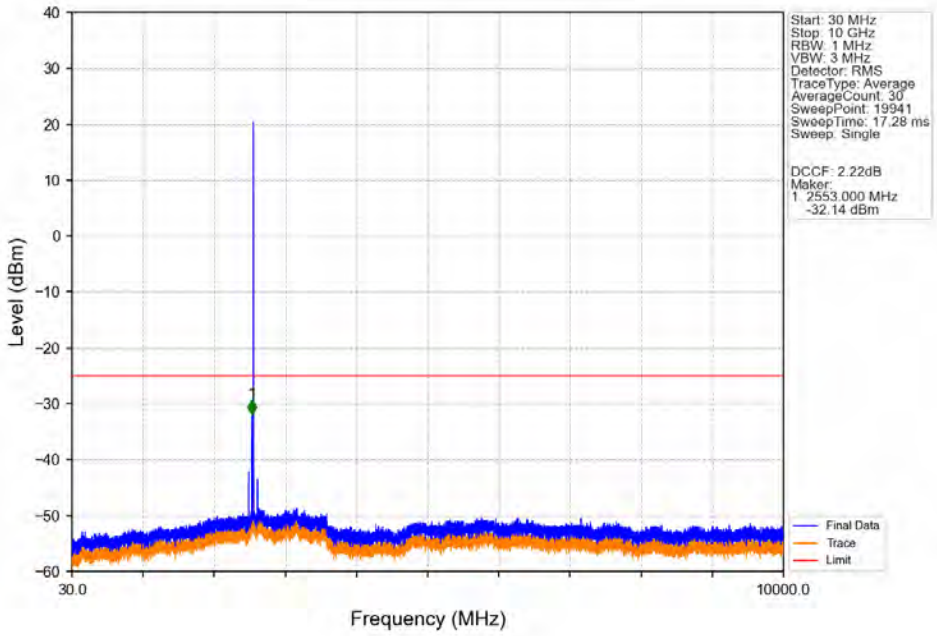
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.107	CHP	/	/	/	/	/
2620	2621	0.107	CHP	1	2620.010	-33.22	-10	Pass
2621	2625	1	CHP	2	2622.290	-33.09	-10	Pass
2625	2626	1	CHP	3	2625.005	-40.85	-13	Pass
2626	2630	1	CHP	4	2626.040	-41.96	-25	Pass

Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV

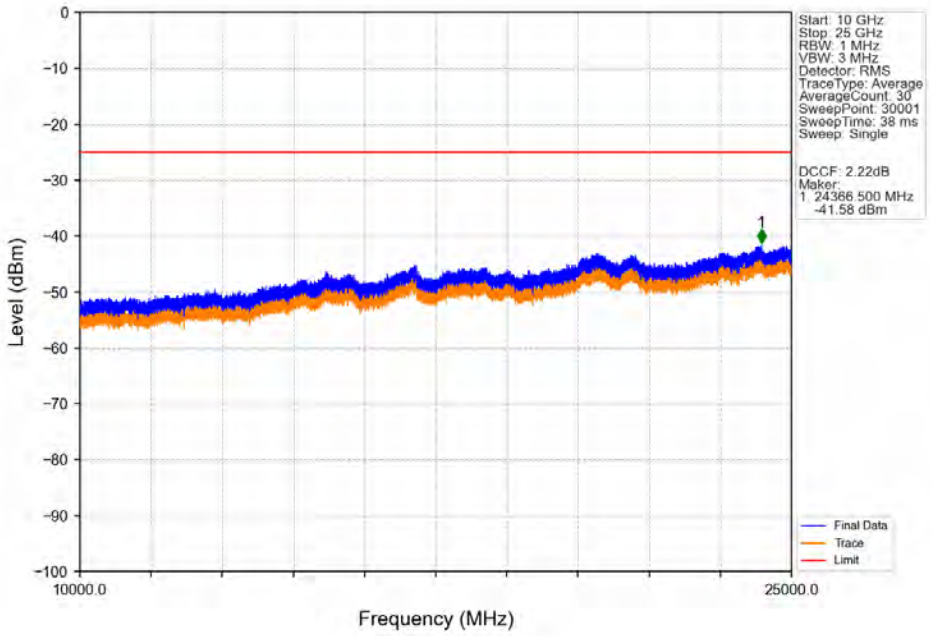


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.550	-53.69	-25	Pass
2490.5	2496	1	CHP	2	2495.435	-53.50	-13	Pass
2496	2564	1	CHP	3	2564.000	-44.38	-25	Pass
2564	2565	1	CHP	4	2564.810	-43.16	-13	Pass
2565	2569	1	CHP	5	2568.465	-33.37	-10	Pass
2569	2570	0.02	CHP	6	2569.985	-23.61	-10	Pass
2570	2575	0.02	CHP	/	/	/	/	/

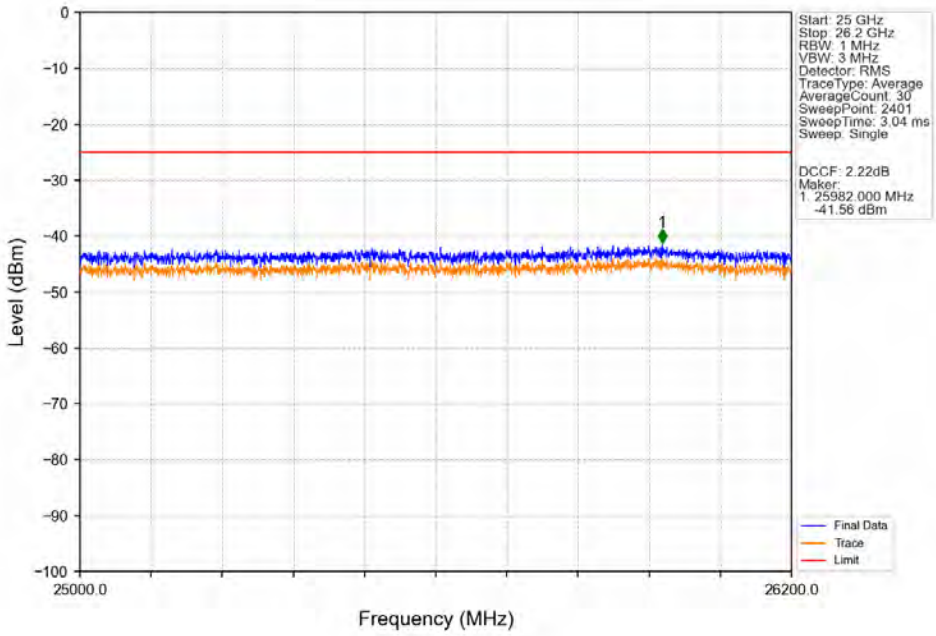
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV



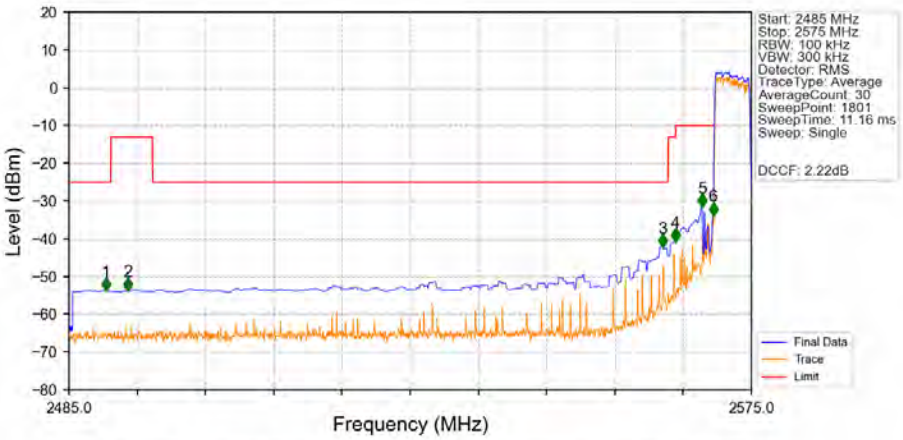
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_64QAM_LCH_2572.5MHz_RB_1_0_NTNV

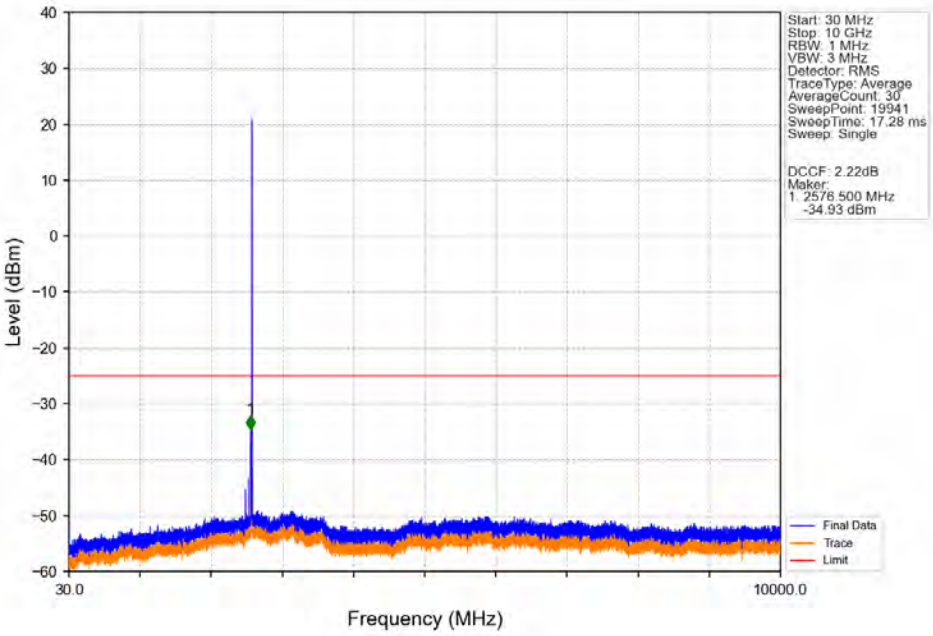


Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV

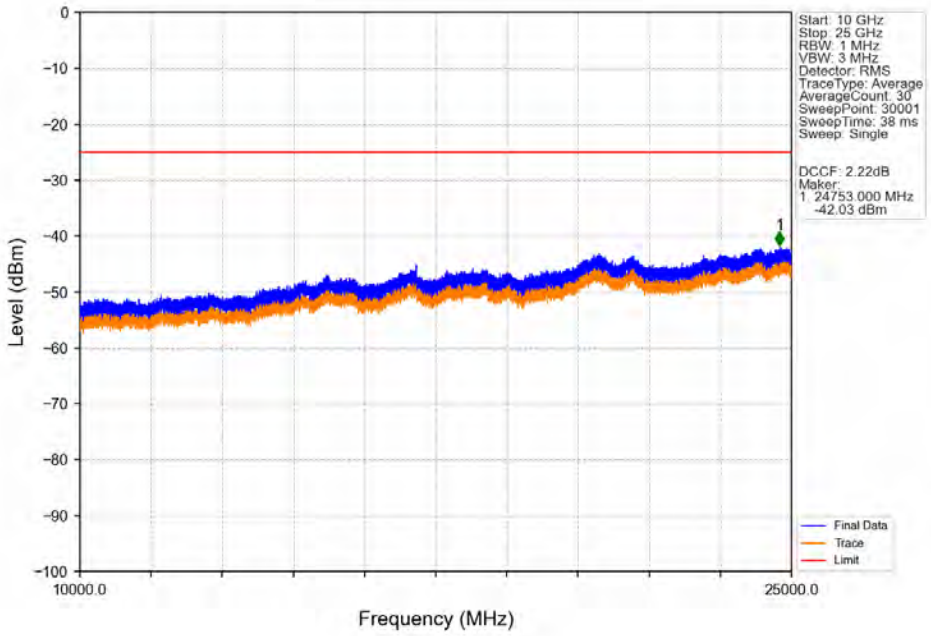


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.850	-53.69	-25	Pass
2490.5	2496	1	CHP	2	2492.800	-53.53	-13	Pass
2496	2564	1	CHP	3	2563.250	-42.04	-25	Pass
2564	2565	1	CHP	4	2565.000	-40.54	-13	Pass
2565	2569	1	CHP	5	2568.500	-31.41	-10	Pass
2569	2570	0.105	CHP	6	2569.950	-33.65	-10	Pass
2570	2575	0.105	CHP	/	/	/	/	/

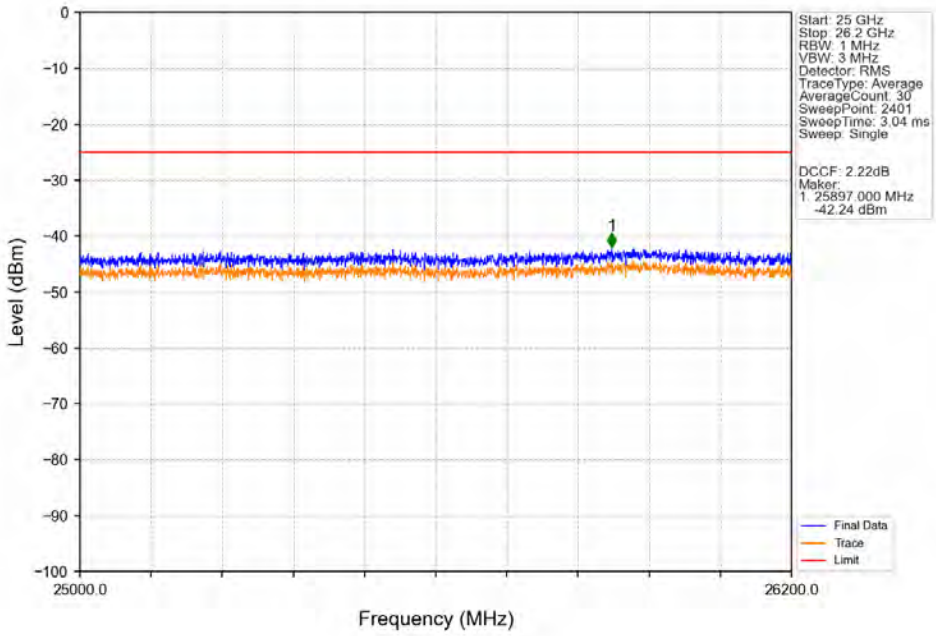
Band38_5MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



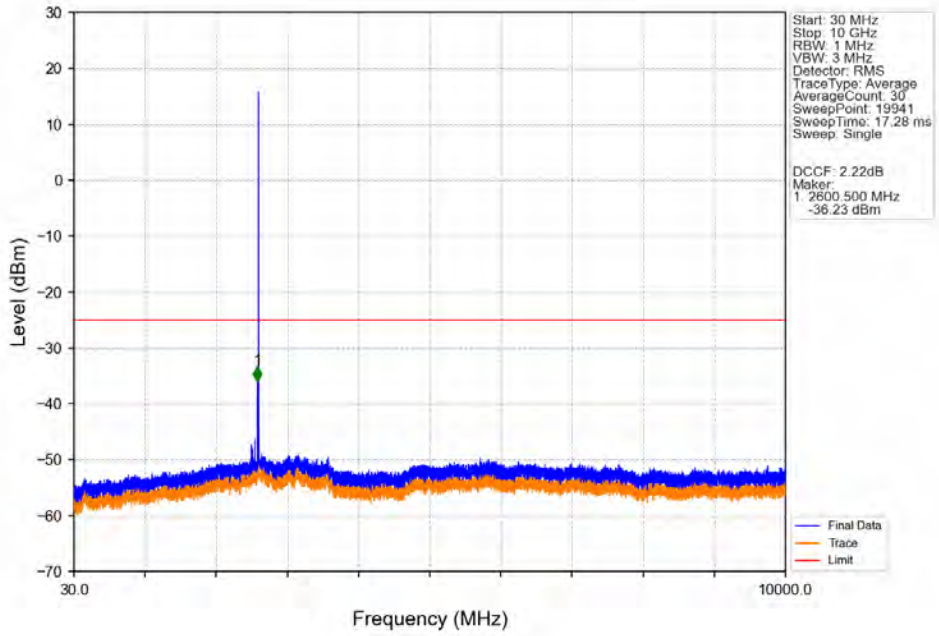
Band38_5MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



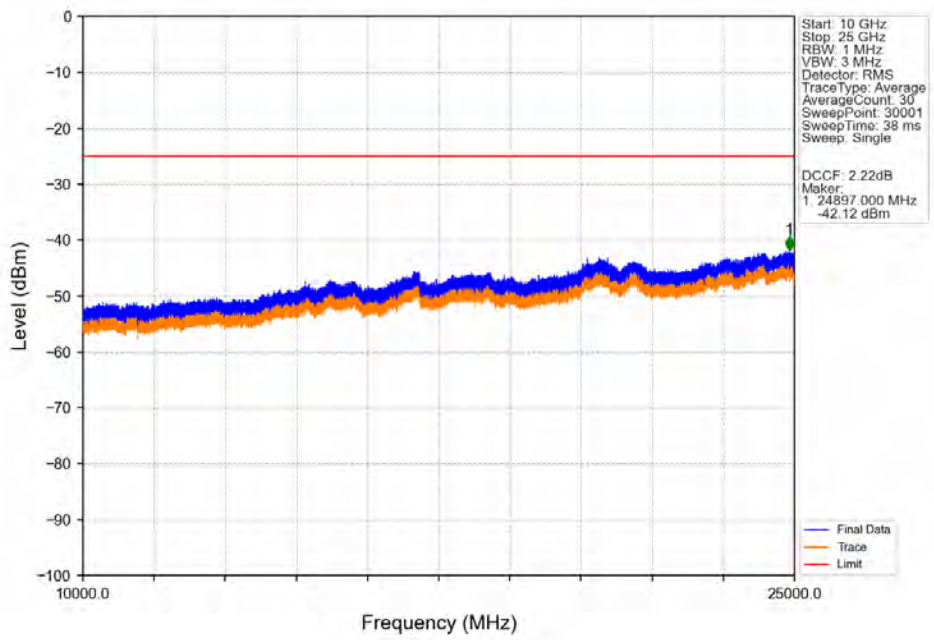
Band38_5MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



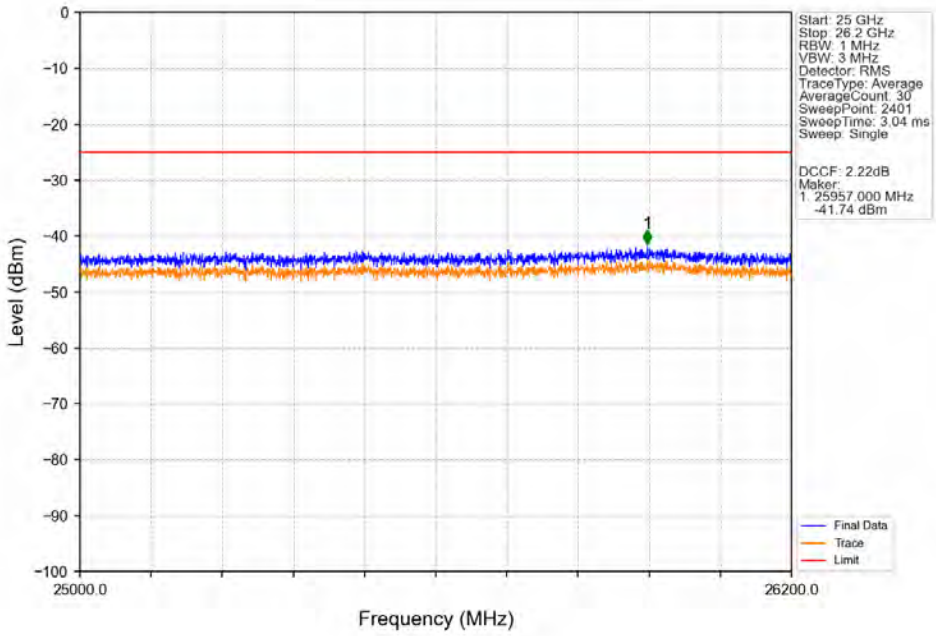
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_0_NTNV



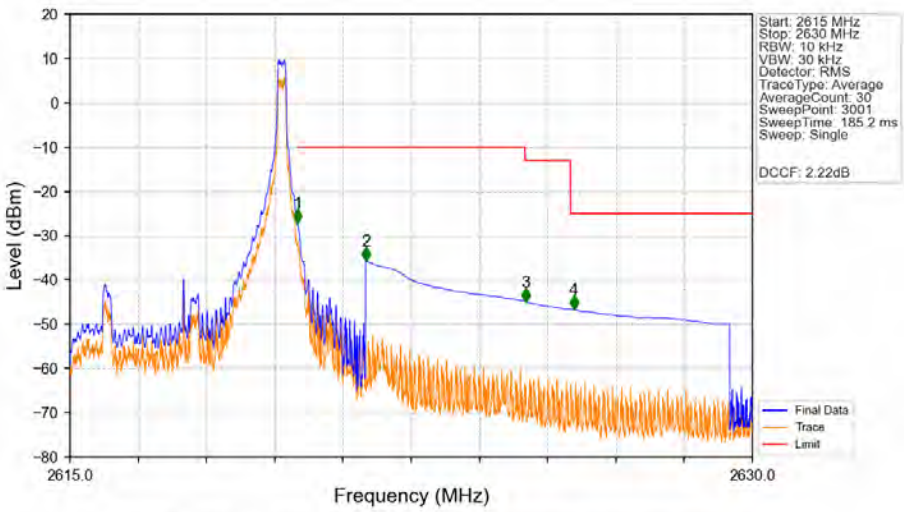
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_0_NTNV

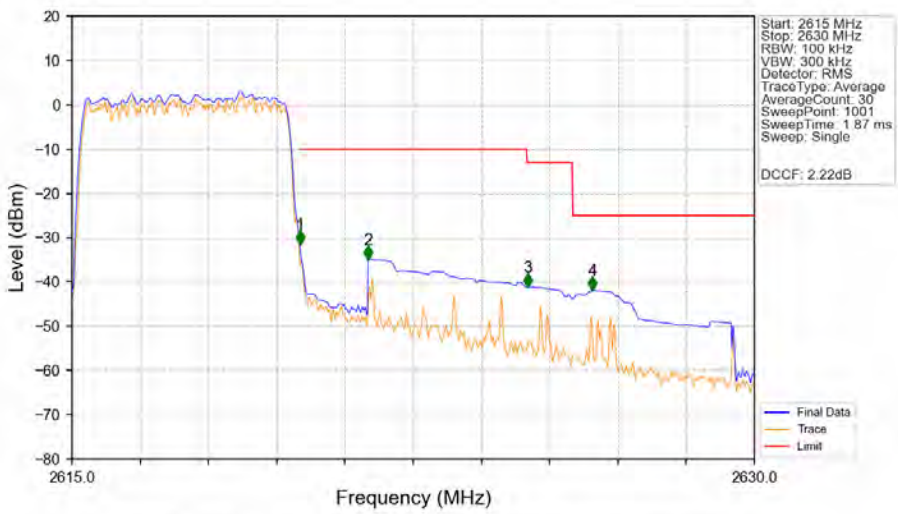


Band38_5MHz_64QAM_HCH_2617.5MHz_RB_1_24_NTNV



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	-27.19	-10	Pass
2621	2625	1	CHP	2	2621.505	-35.71	-10	Pass
2625	2626	1	CHP	3	2625.010	-44.97	-13	Pass
2626	2630	1	CHP	4	2626.075	-46.65	-25	Pass

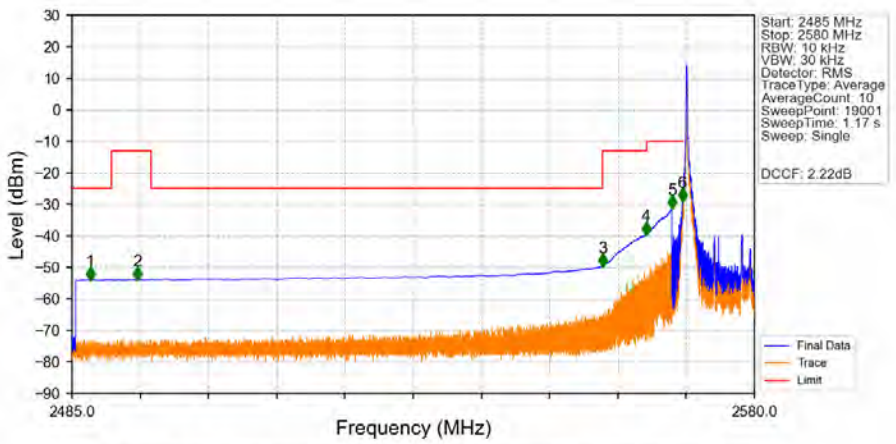
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2615	2620	0.103	CHP	/	/	/	/	/
2620	2621	0.103	CHP	1	2620.010	-31.50	-10	Pass
2621	2625	1	CHP	2	2621.510	-34.90	-10	Pass
2625	2626	1	CHP	3	2625.020	-41.19	-13	Pass
2626	2630	1	CHP	4	2626.445	-41.92	-25	Pass

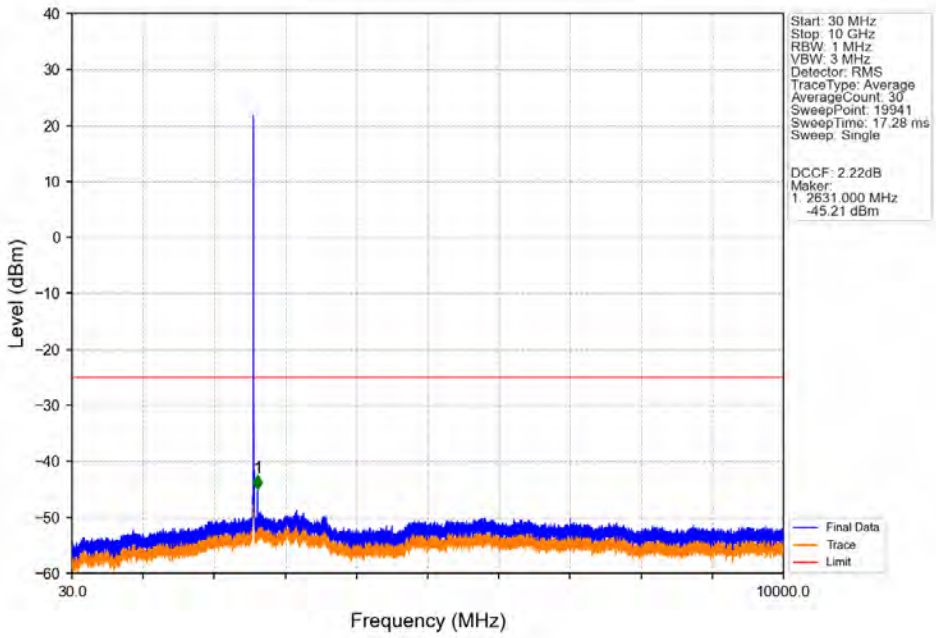
5.2.2 B38_10MHz

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

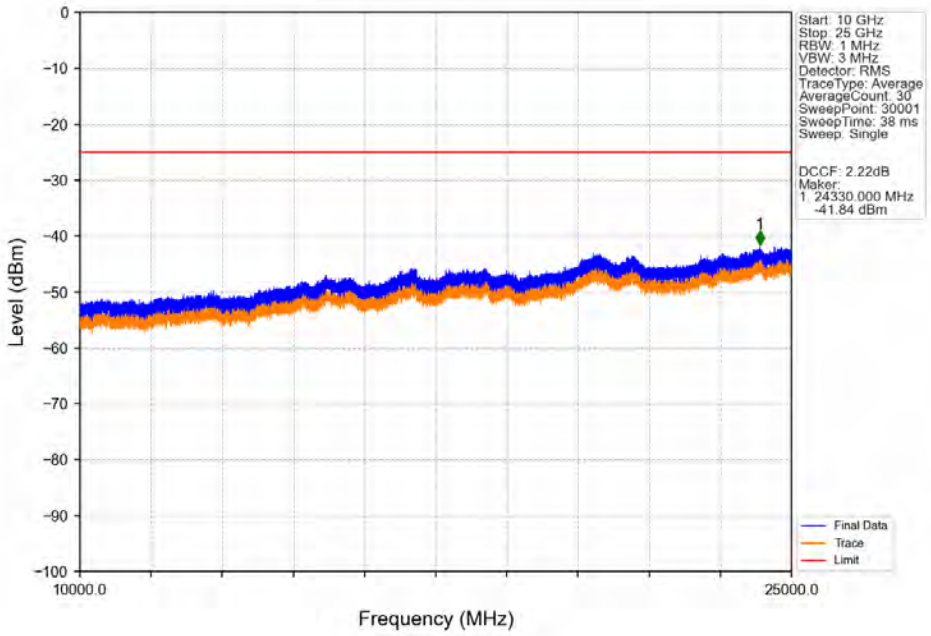


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.560	-53.87	-25	Pass
2490.5	2496	1	CHP	2	2494.140	-53.84	-13	Pass
2496	2558.853	1	CHP	3	2558.840	-49.60	-25	Pass
2558.853	2565	1	CHP	4	2564.900	-39.48	-13	Pass
2565	2569	1	CHP	5	2568.490	-31.23	-10	Pass
2569	2570	0.02	CHP	6	2569.950	-28.83	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

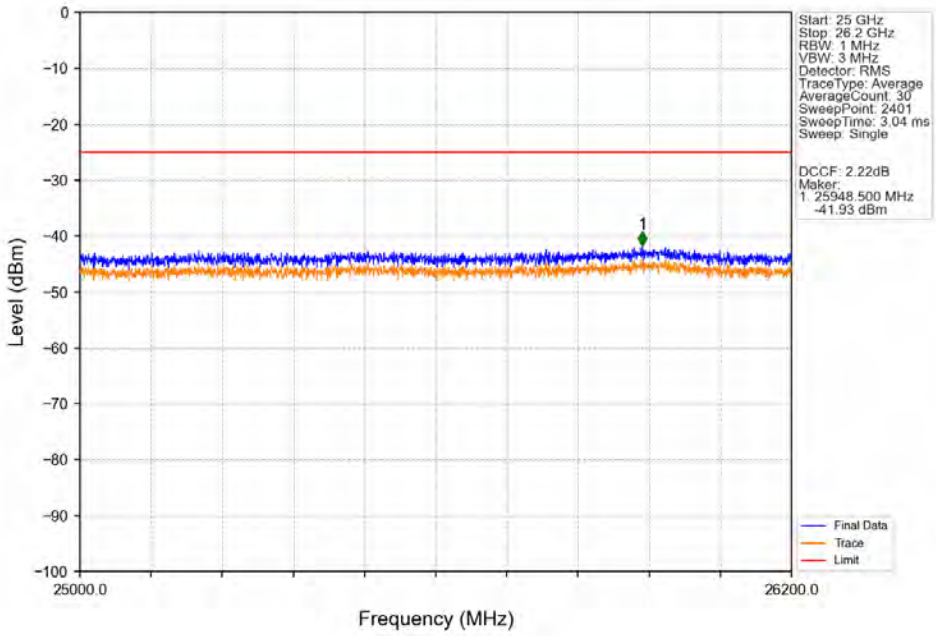
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



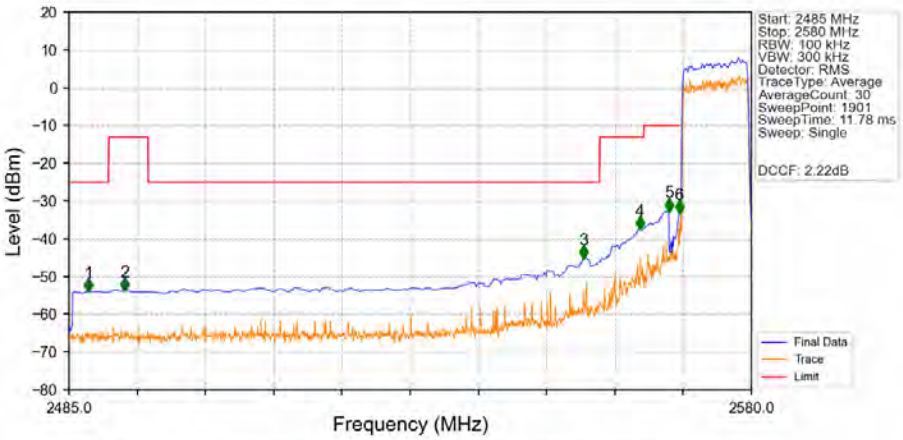
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

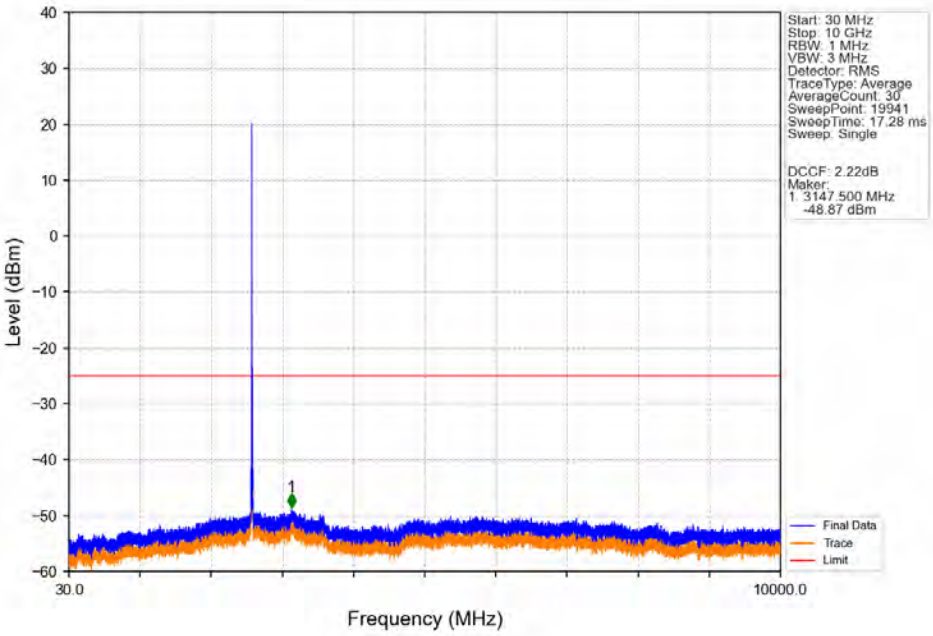


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

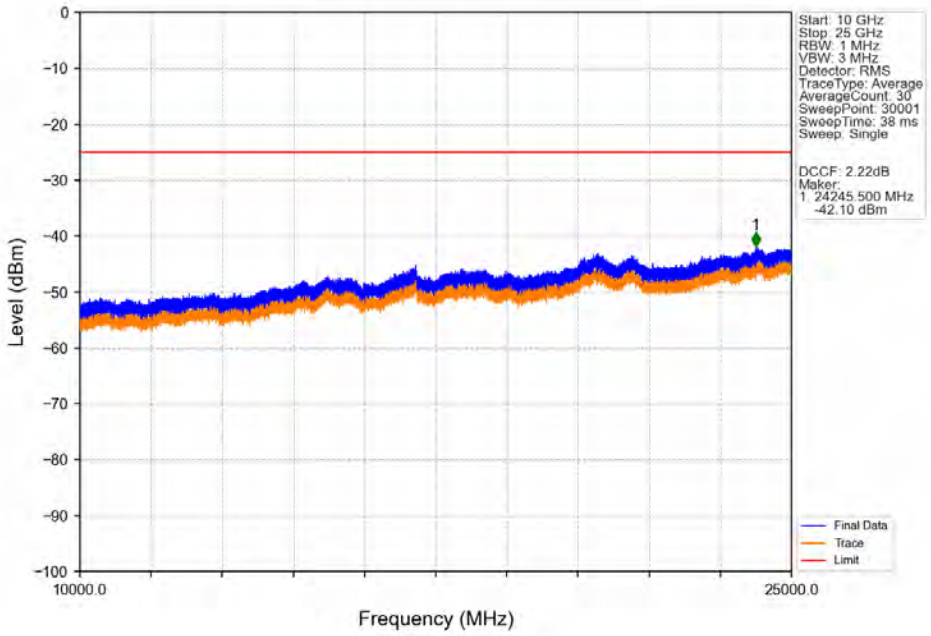


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.750	-53.87	-25	Pass
2490.5	2496	1	CHP	2	2492.750	-53.62	-13	Pass
2496	2558.853	1	CHP	3	2556.600	-45.01	-25	Pass
2558.853	2565	1	CHP	4	2564.500	-37.35	-13	Pass
2565	2569	1	CHP	5	2568.500	-32.57	-10	Pass
2569	2570	0.223	CHP	6	2569.950	-33.10	-10	Pass
2570	2580	0.223	CHP	/	/	/	/	/

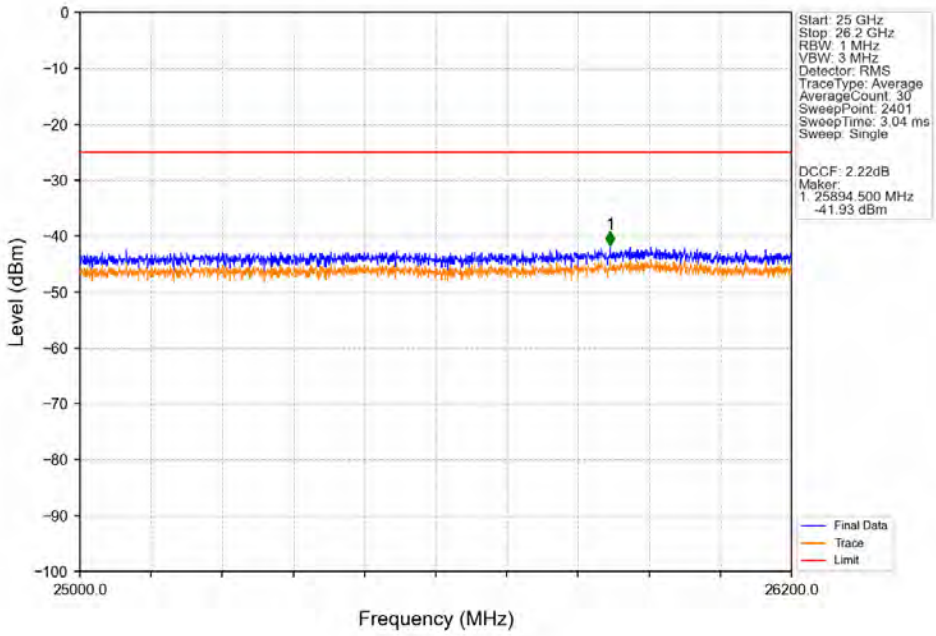
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



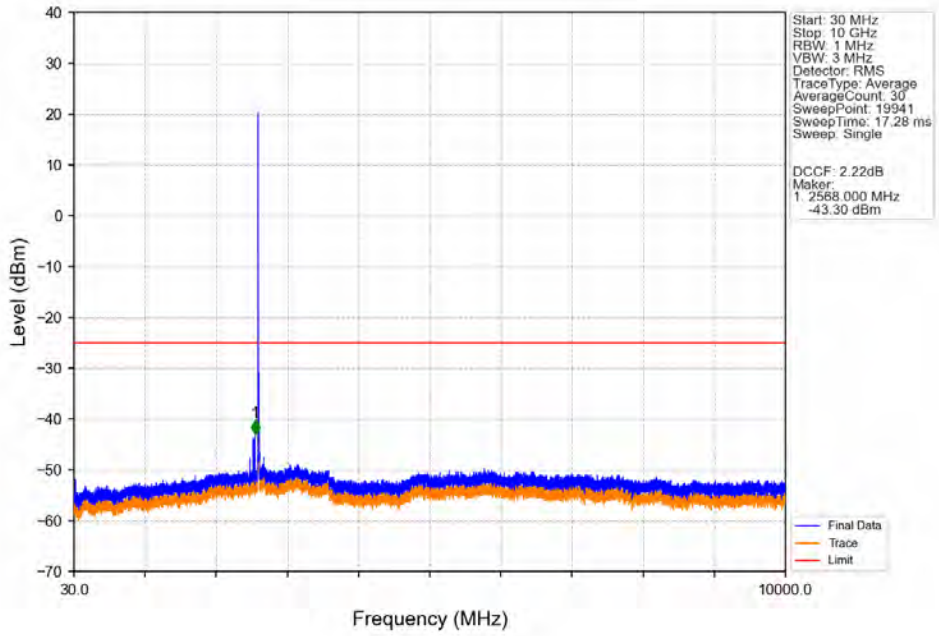
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



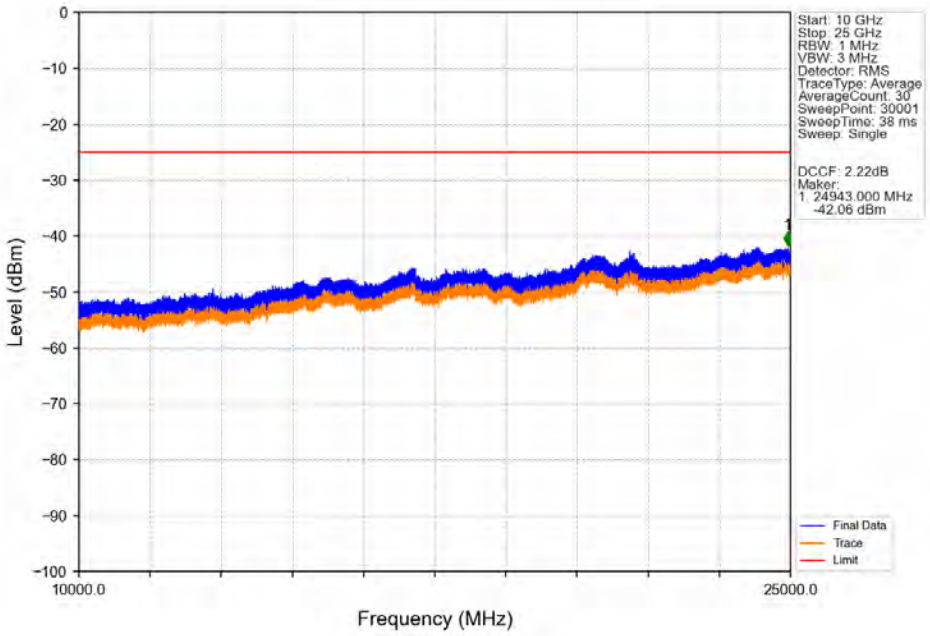
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



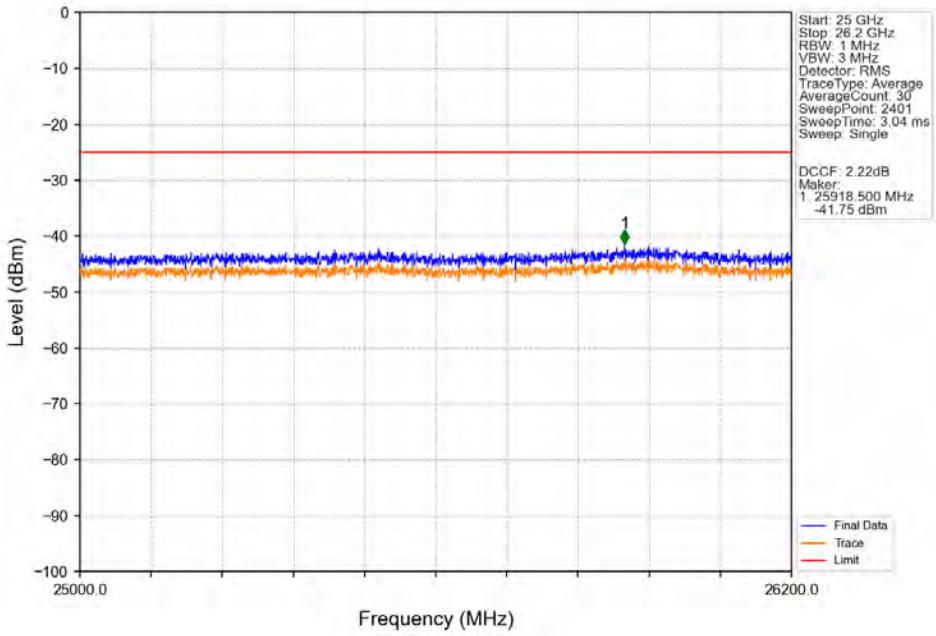
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



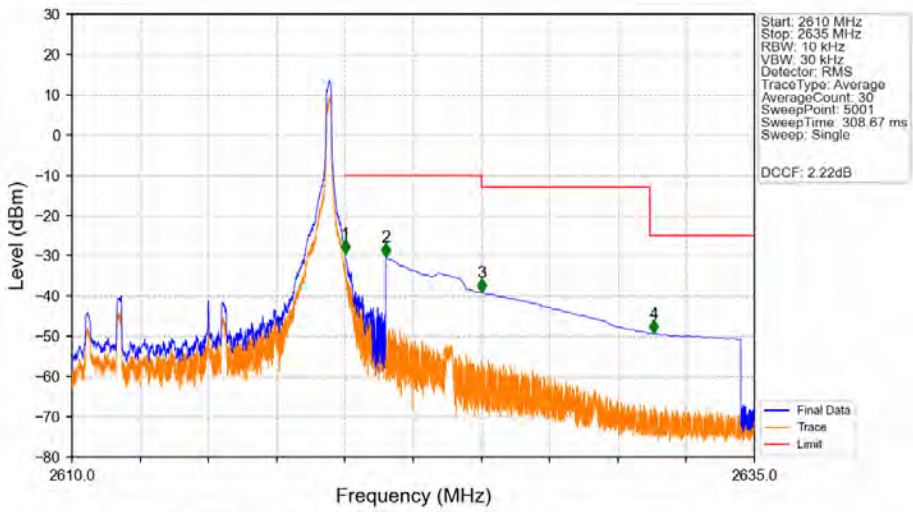
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

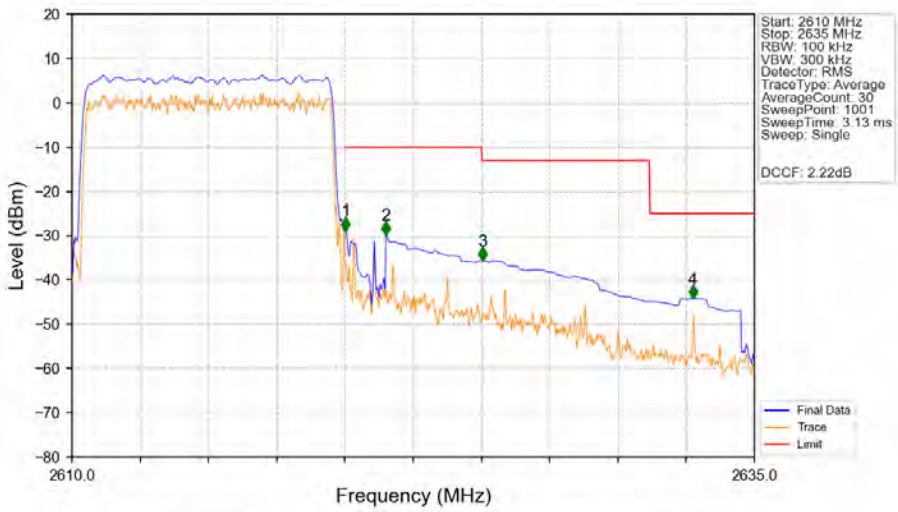


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



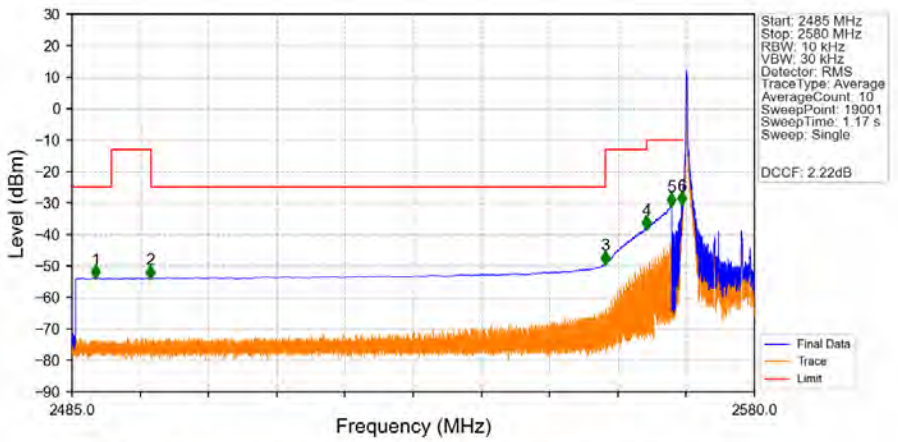
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.005	-29.51	-10	Pass
2621	2625	1	CHP	2	2621.500	-30.24	-10	Pass
2625	2631.172	1	CHP	3	2625.015	-39.04	-13	Pass
2631.172	2635	1	CHP	4	2631.310	-49.21	-25	Pass

Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



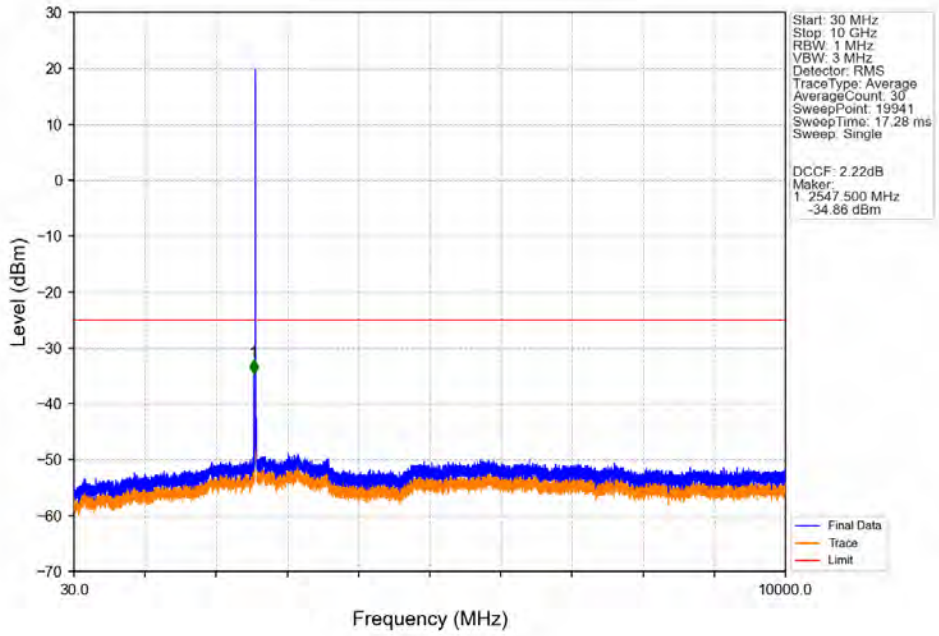
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.223	CHP	/	/	/	/	/
2620	2621	0.223	CHP	1	2620.025	-28.85	-10	Pass
2621	2625	1	CHP	2	2621.500	-29.94	-10	Pass
2625	2631.172	1	CHP	3	2625.050	-35.68	-13	Pass
2631.172	2635	1	CHP	4	2632.750	-44.24	-25	Pass

Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV

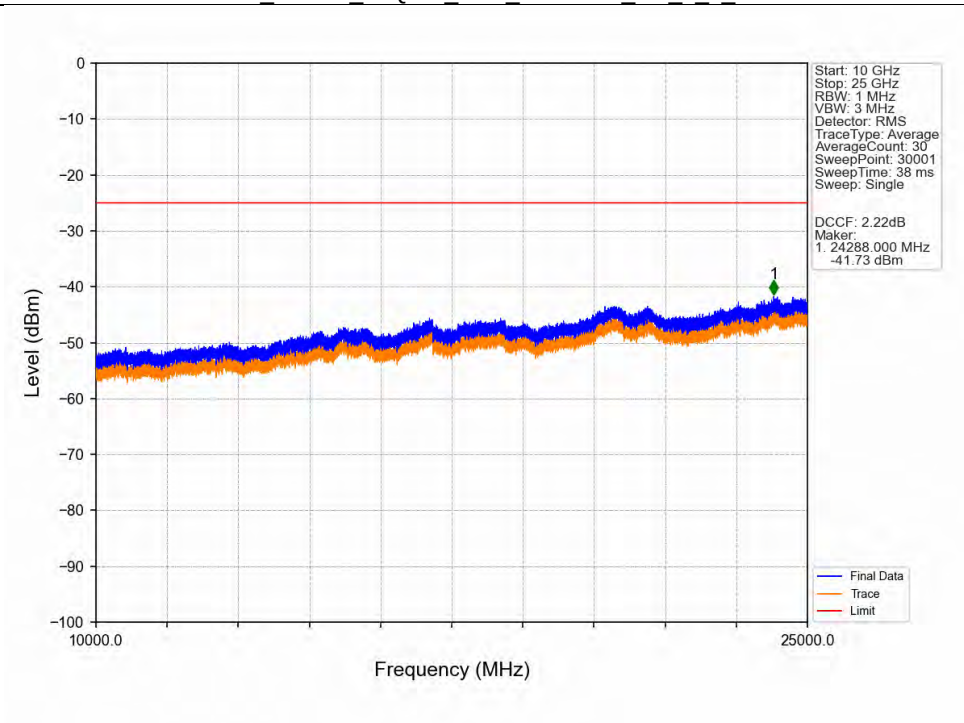


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.280	-53.82	-25	Pass
2490.5	2496	1	CHP	2	2495.925	-53.84	-13	Pass
2496	2559.25	1	CHP	3	2559.250	-49.26	-25	Pass
2559.25	2565	1	CHP	4	2565.000	-38.11	-13	Pass
2565	2569	1	CHP	5	2568.425	-30.75	-10	Pass
2569	2570	0.02	CHP	6	2569.865	-30.48	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

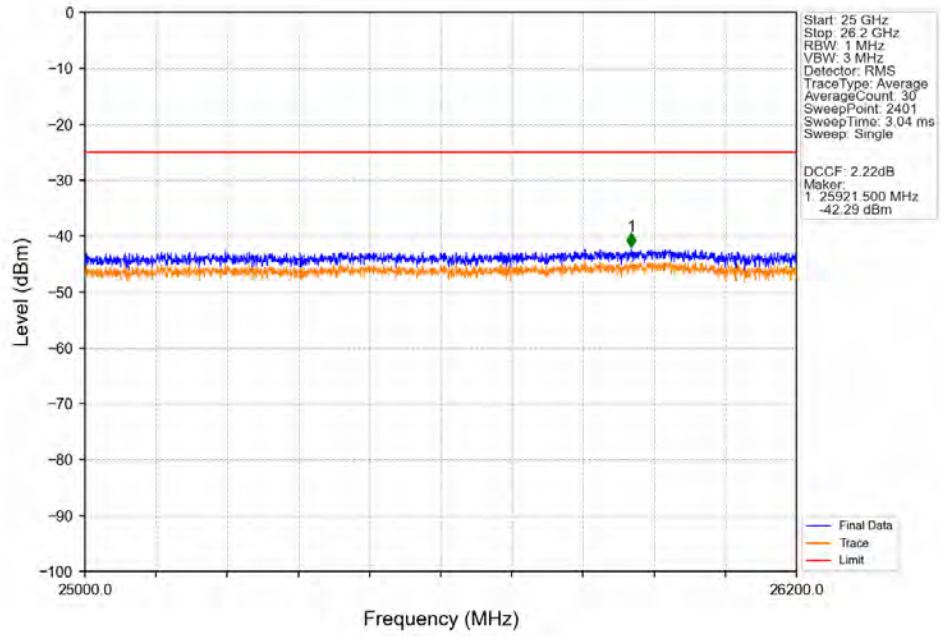
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



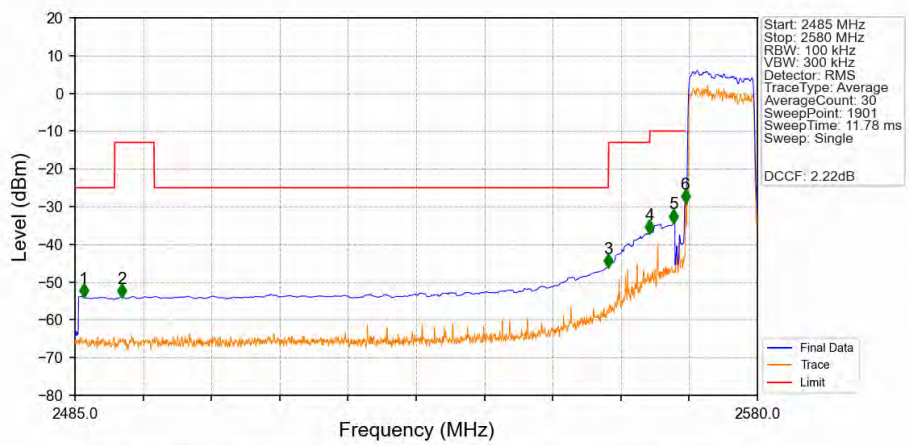
Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_16QAM_LCH_2575MHz_RB_1_0_NTNV

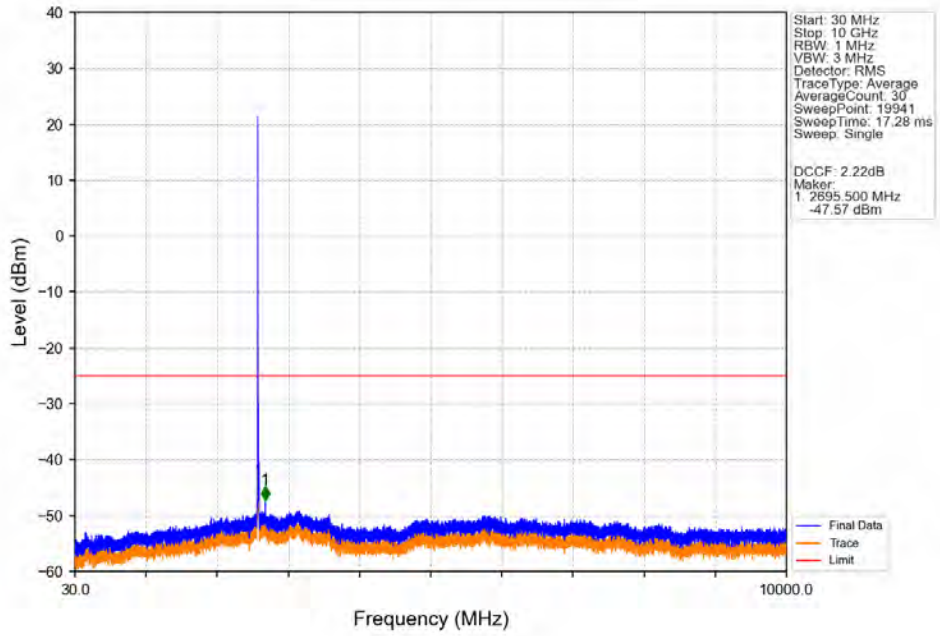


Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV

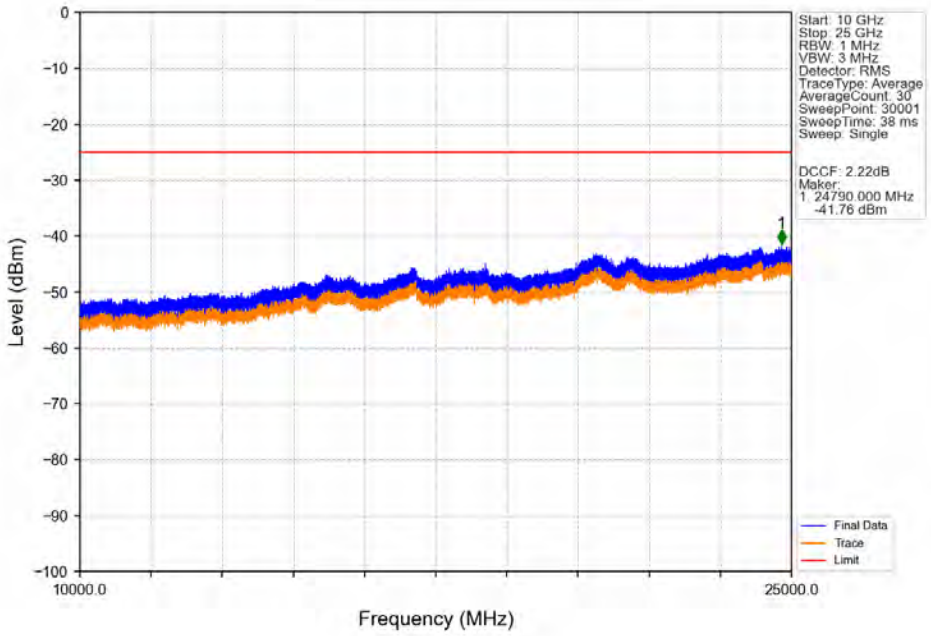


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.200	-53.81	-25	Pass
2490.5	2496	1	CHP	2	2491.550	-53.78	-13	Pass
2496	2559.25	1	CHP	3	2559.250	-45.87	-25	Pass
2559.25	2565	1	CHP	4	2565.000	-36.92	-13	Pass
2565	2569	1	CHP	5	2568.350	-34.05	-10	Pass
2569	2570	0.215	CHP	6	2569.950	-28.83	-10	Pass
2570	2580	0.215	CHP	/	/	/	/	/

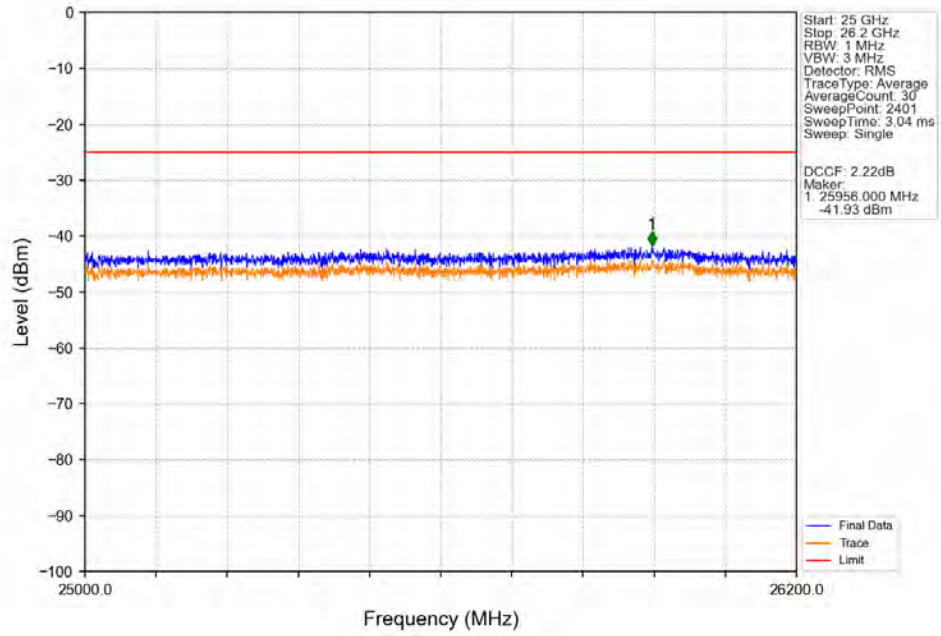
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



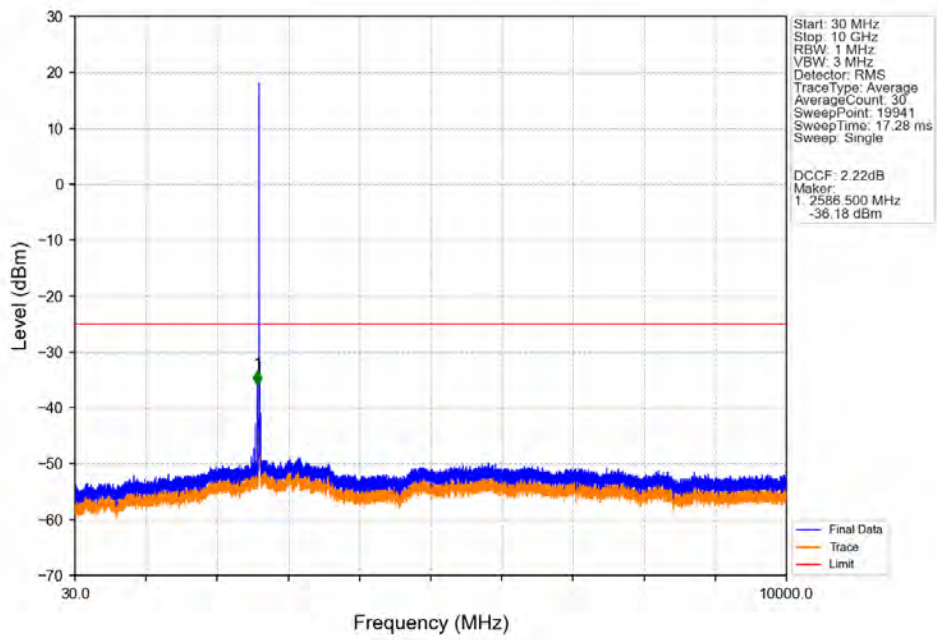
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



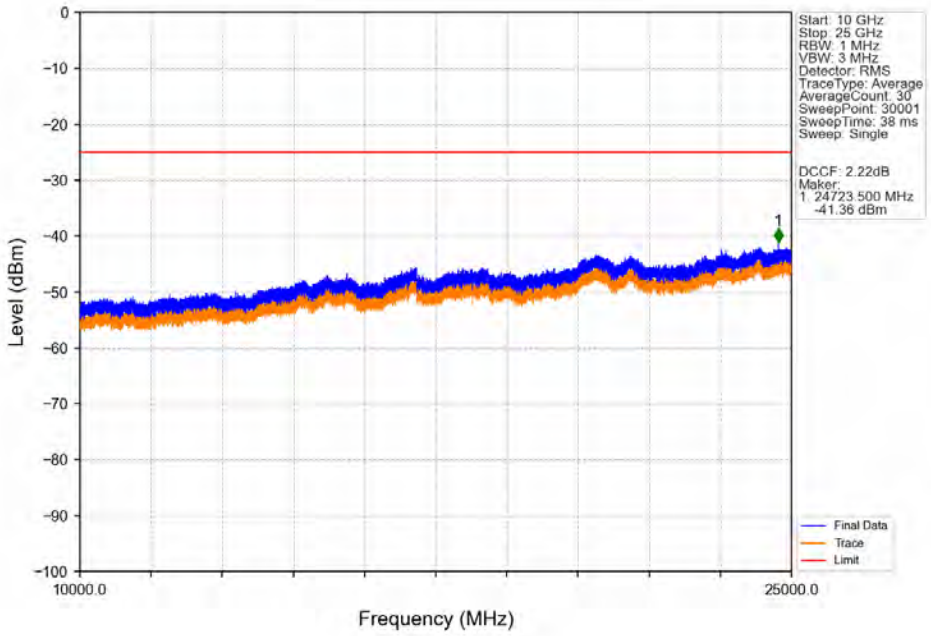
Band38_10MHz_16QAM_MCH_2595MHz_RB_1_0_NTNV



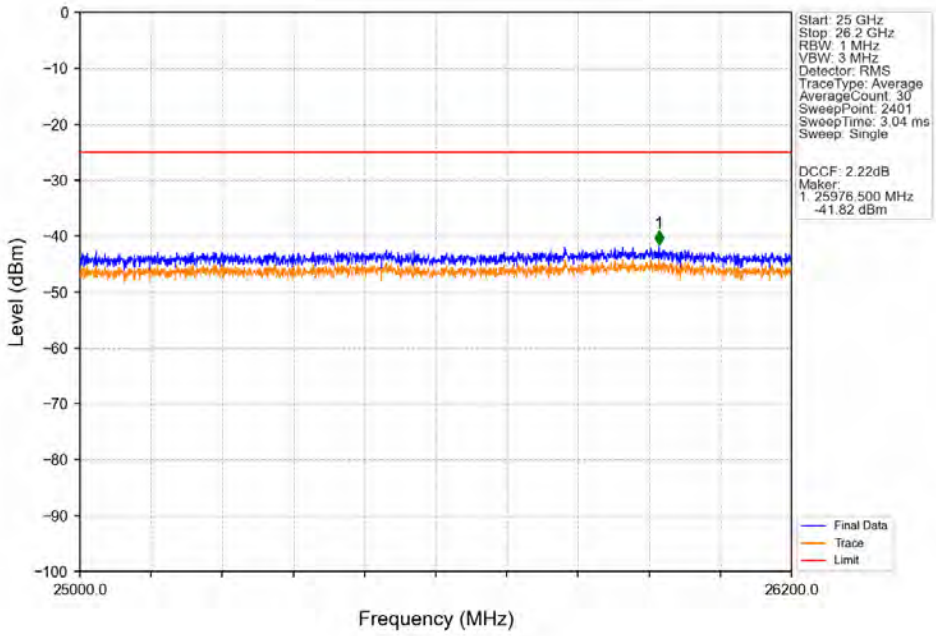
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



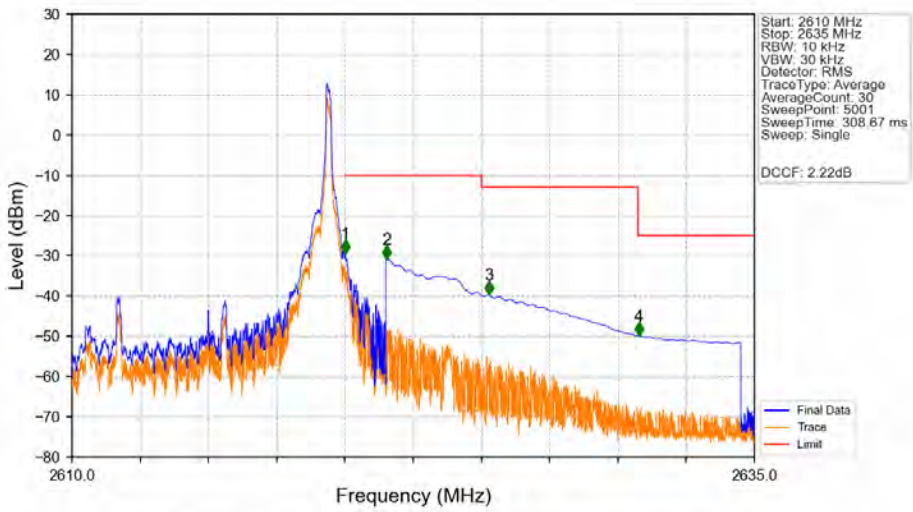
Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_16QAM_HCH_2615MHz_RB_1_0_NTNV

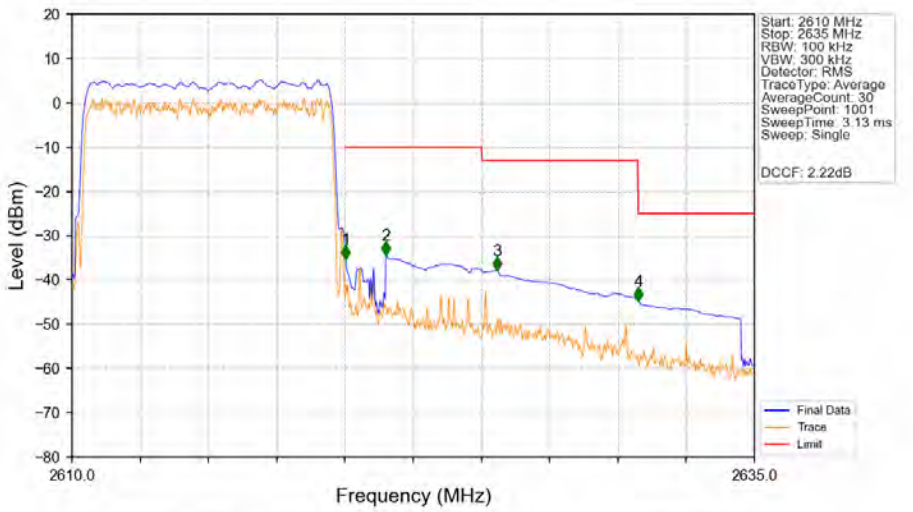


Band38_10MHz_16QAM_HCH_2615MHz_RB_1_49_NTNV



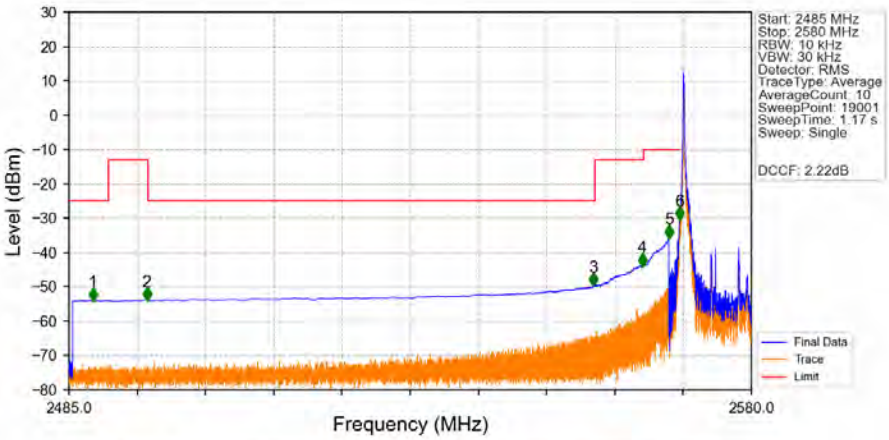
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.02	CHP	/	/	/	/	/
2620	2621	0.02	CHP	1	2620.010	-29.51	-10	Pass
2621	2625	1	CHP	2	2621.530	-30.77	-10	Pass
2625	2630.732	1	CHP	3	2625.270	-39.64	-13	Pass
2630.732	2635	1	CHP	4	2630.775	-49.81	-25	Pass

Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



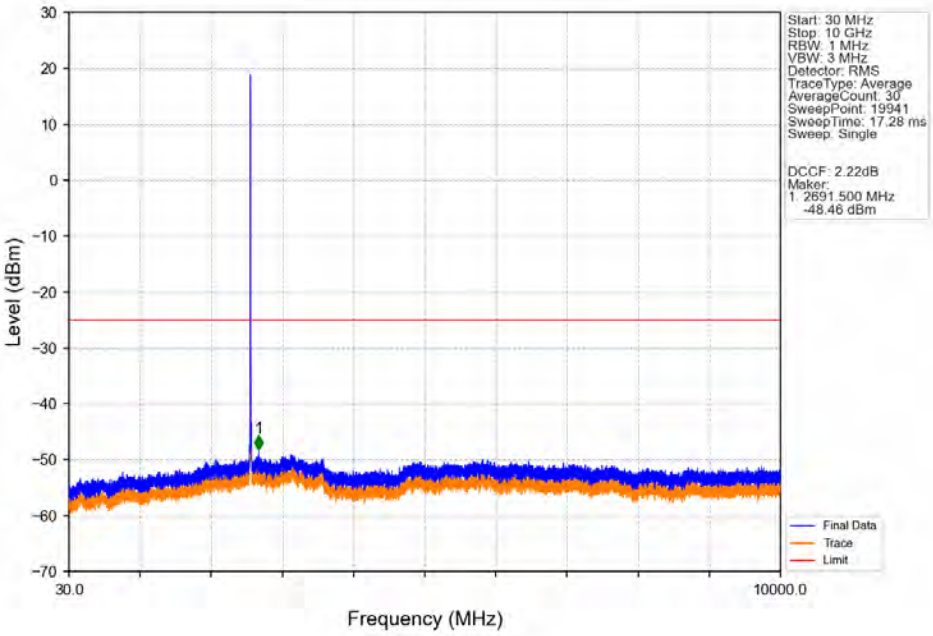
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.215	CHP	/	/	/	/	/
2620	2621	0.215	CHP	1	2620.025	-35.30	-10	Pass
2621	2625	1	CHP	2	2621.500	-34.36	-10	Pass
2625	2630.732	1	CHP	3	2625.575	-37.88	-13	Pass
2630.732	2635	1	CHP	4	2630.750	-44.76	-25	Pass

Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV

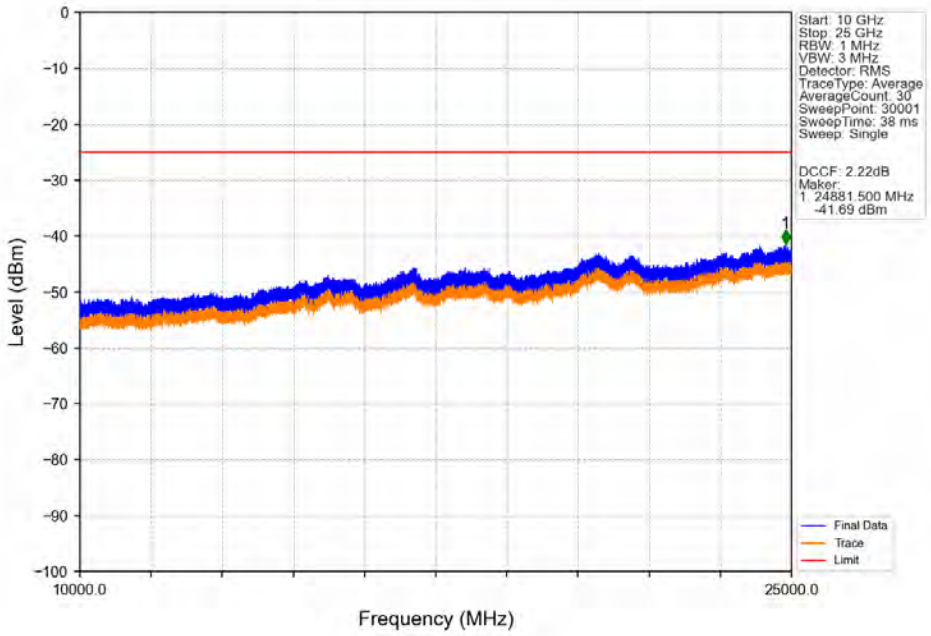


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.320	-53.91	-25	Pass
2490.5	2496	1	CHP	2	2495.850	-53.74	-13	Pass
2496	2558.219	1	CHP	3	2557.950	-49.60	-25	Pass
2558.219	2565	1	CHP	4	2564.835	-43.81	-13	Pass
2565	2569	1	CHP	5	2568.495	-35.57	-10	Pass
2569	2570	0.02	CHP	6	2569.960	-30.34	-10	Pass
2570	2580	0.02	CHP	/	/	/	/	/

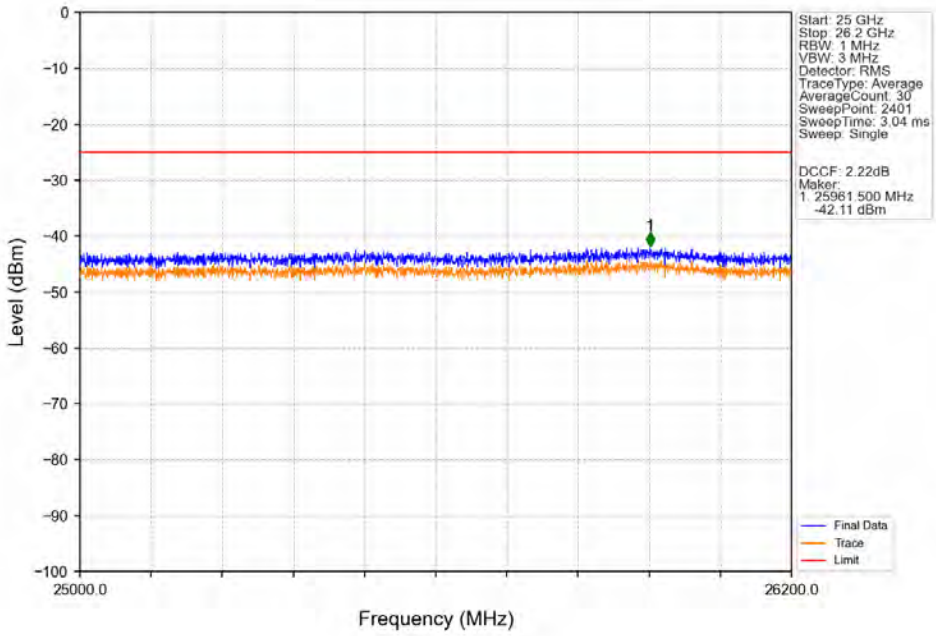
Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV



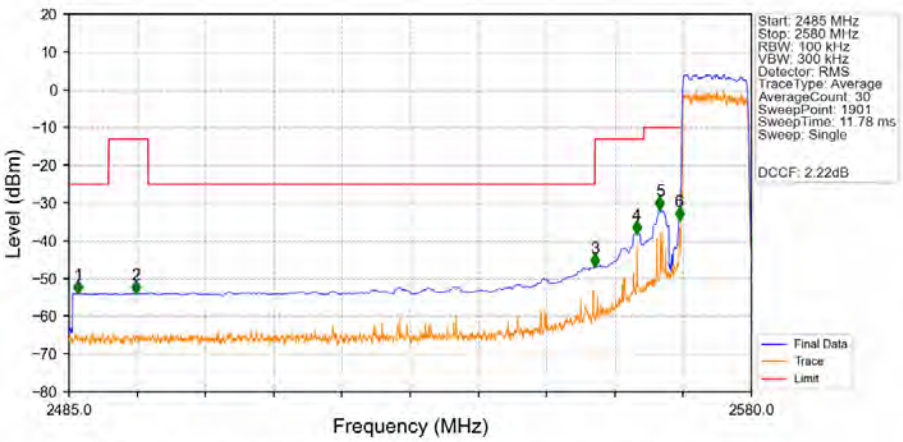
Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_64QAM_LCH_2575MHz_RB_1_0_NTNV

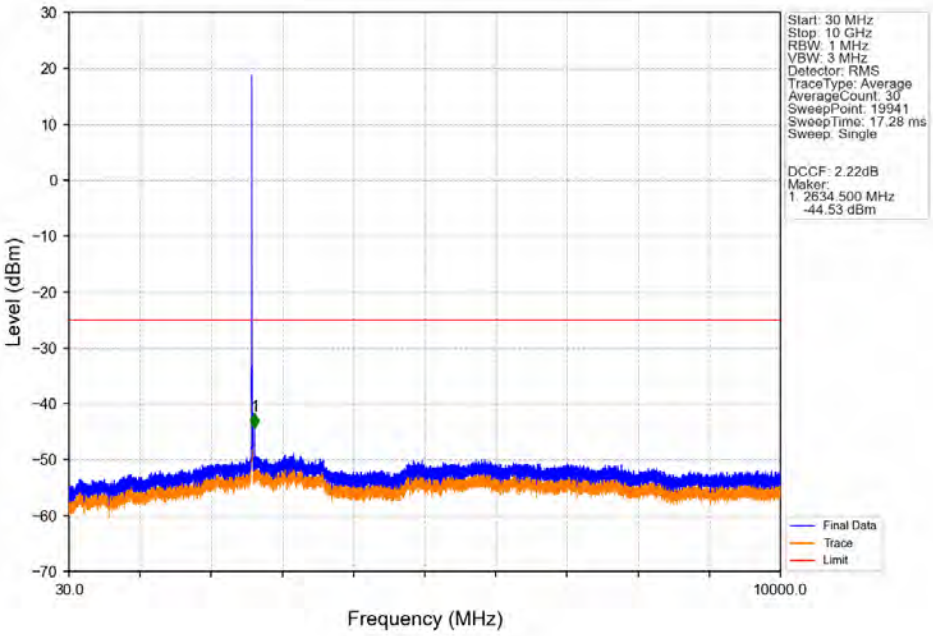


Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV

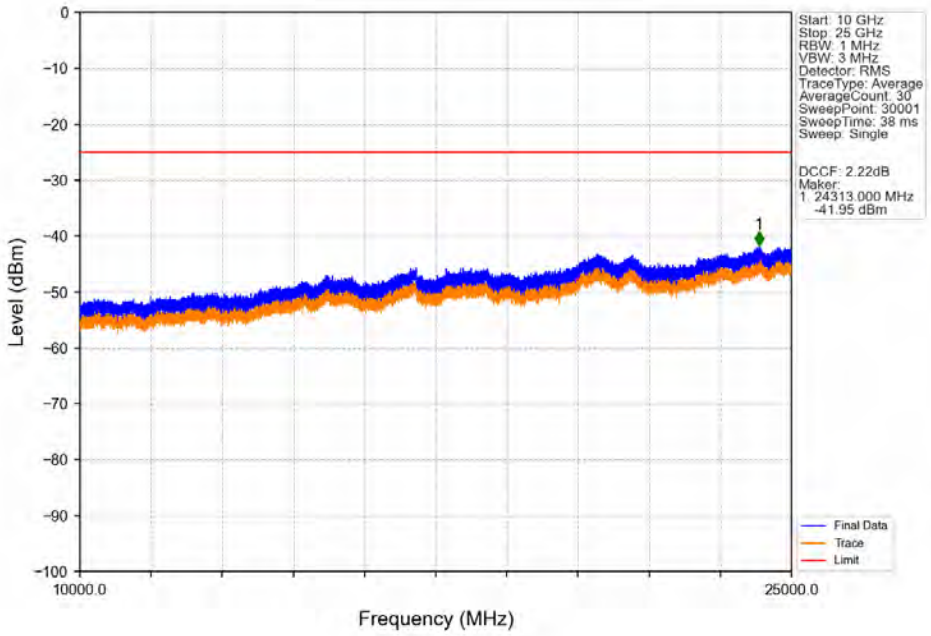


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2486.250	-53.90	-25	Pass
2490.5	2496	1	CHP	2	2494.300	-53.89	-13	Pass
2496	2558.219	1	CHP	3	2558.200	-46.73	-25	Pass
2558.219	2565	1	CHP	4	2564.000	-38.08	-13	Pass
2565	2569	1	CHP	5	2567.250	-31.66	-10	Pass
2569	2570	0.236	CHP	6	2569.950	-34.44	-10	Pass
2570	2580	0.236	CHP	/	/	/	/	/

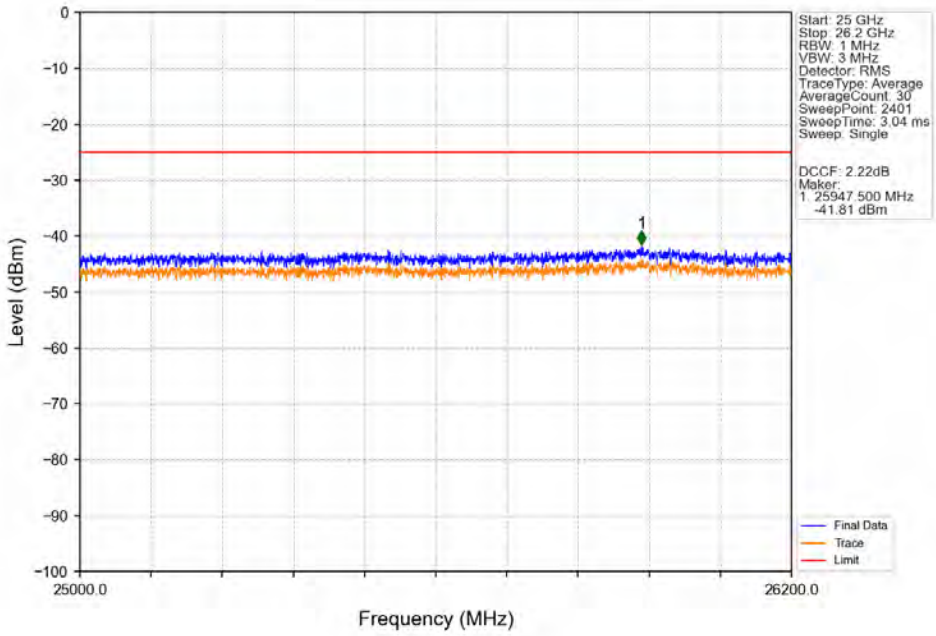
Band38_10MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



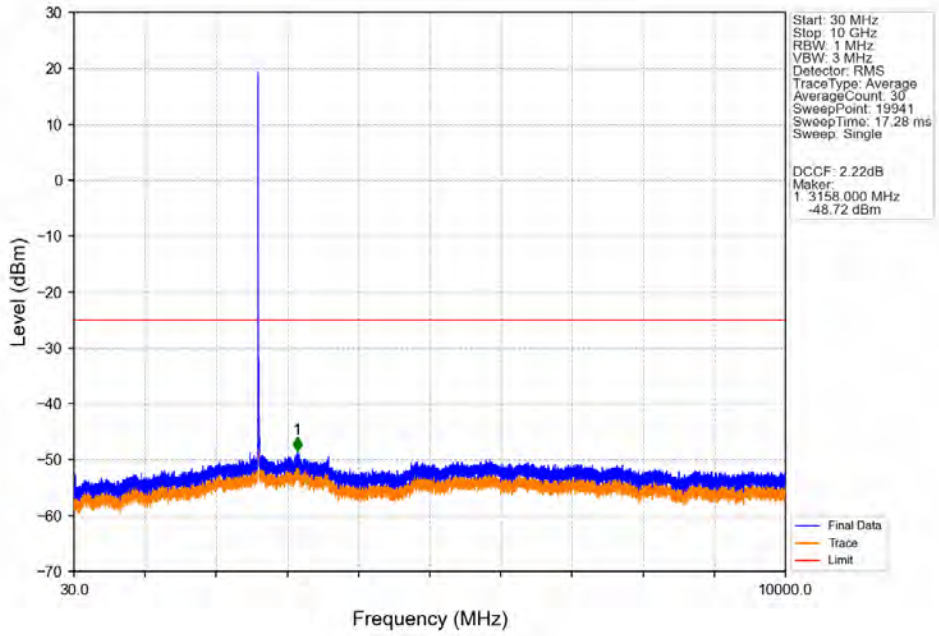
Band38_10MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



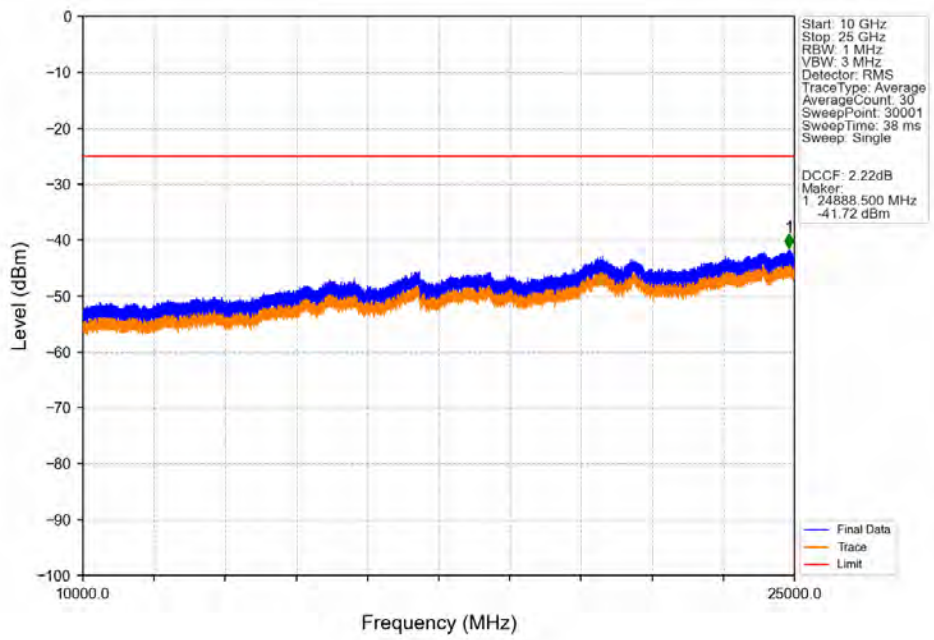
Band38_10MHz_64QAM_MCH_2595MHz_RB_1_0_NTNV



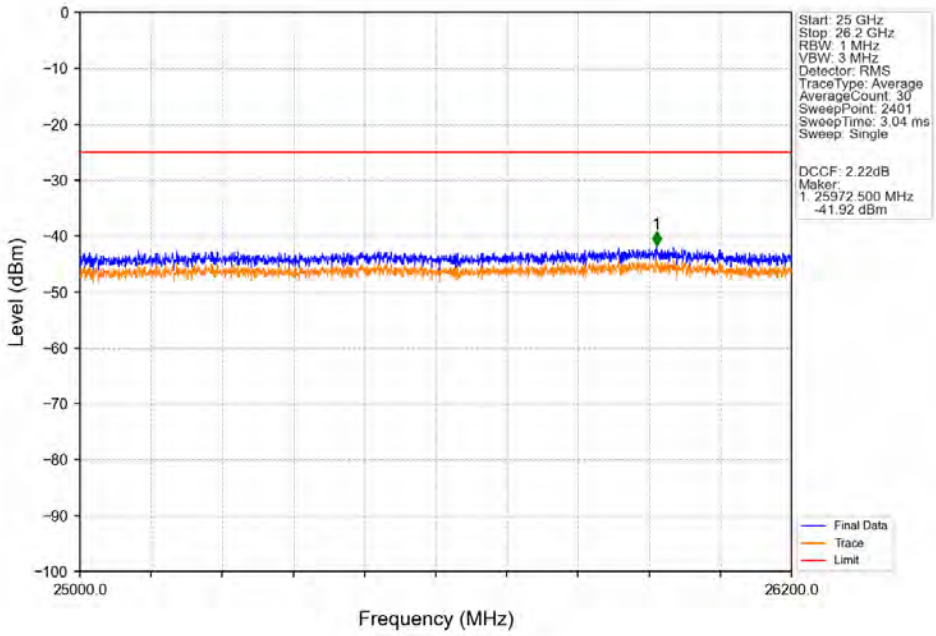
Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTNV



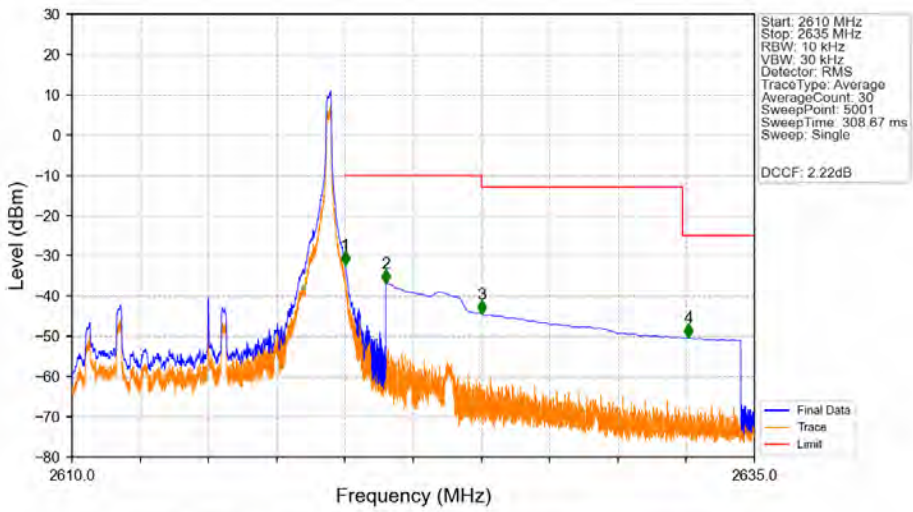
Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_64QAM_HCH_2615MHz_RB_1_0_NTNV

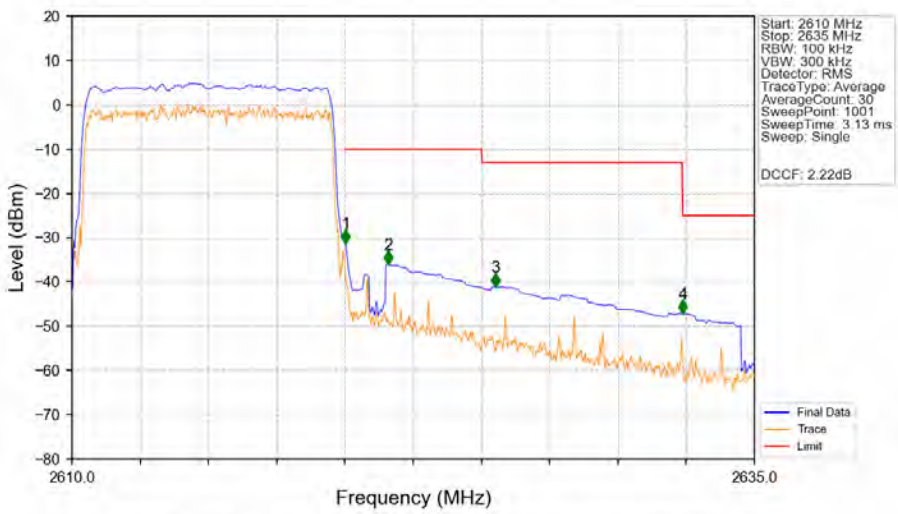


Band38_10MHz_64QAM_HCH_2615MHz_RB_1_49_NTNV



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	-32.34	-10	Pass
2621	2625	1	CHP	2	2621.500	-36.83	-10	Pass
2625	2632.369	1	CHP	3	2625.005	-44.40	-13	Pass
2632.369	2635	1	CHP	4	2632.585	-50.36	-25	Pass

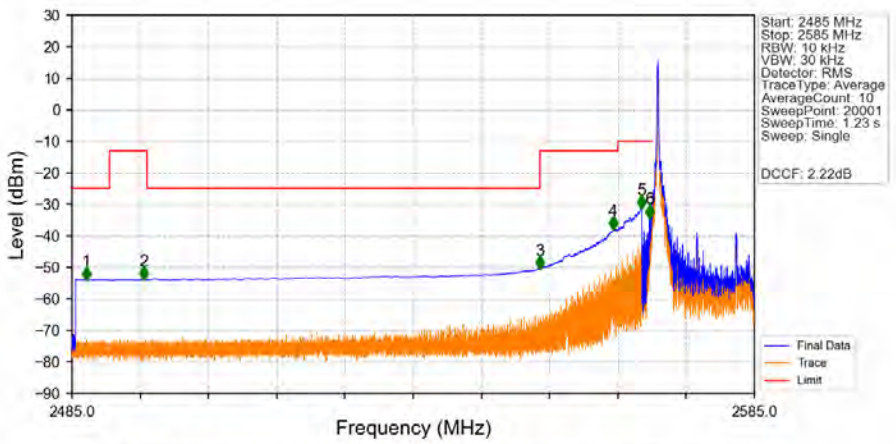
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV

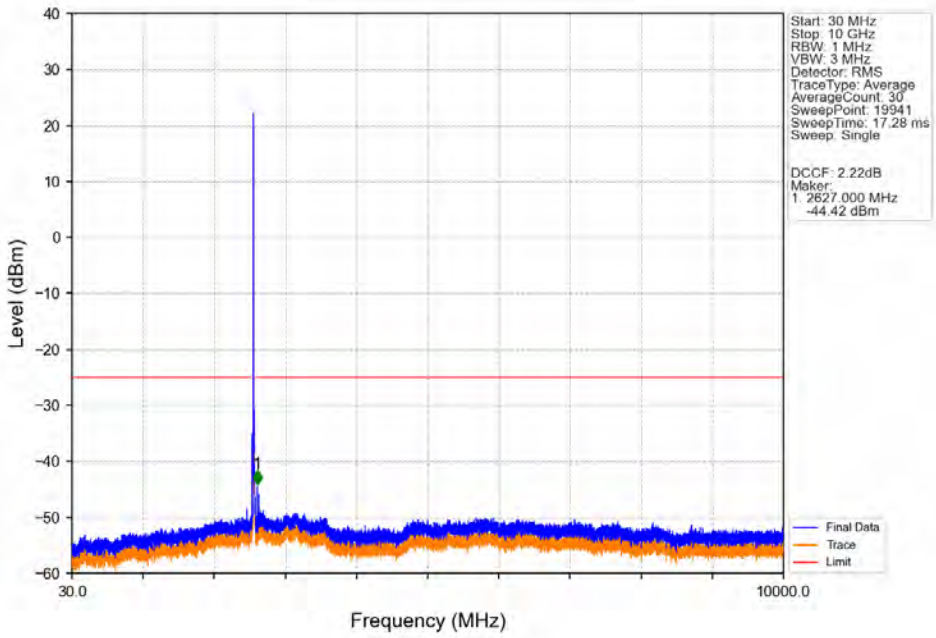


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2610	2620	0.247	CHP	/	/	/	/	/
2620	2621	0.247	CHP	1	2620.025	-31.38	-10	Pass
2621	2625	1	CHP	2	2621.575	-36.02	-10	Pass
2625	2632.369	1	CHP	3	2625.525	-41.13	-13	Pass
2632.369	2635	1	CHP	4	2632.375	-47.17	-25	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	2487.125	-53.86	-25	Pass
2490.5	2496	1	CHP	2	2495.540	-53.82	-13	Pass
2496	2553.578	1	CHP	3	2553.575	-50.37	-25	Pass
2553.578	2565	1	CHP	4	2564.290	-37.91	-13	Pass
2565	2569	1	CHP	5	2568.455	-31.09	-10	Pass
2569	2570	0.02	CHP	6	2569.635	-34.15	-10	Pass
2570	2585	0.02	CHP	/	/	/	/	/

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV