1. Effective (Isotropic) Radiated Power Output Data

1.1 B38_5MHz_EIRP(ANT13)

1.1.1 Test Result

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	23.25	0.56	23.81	<=33.01	Pass
			13	23.23	0.56	23.79	<=33.01	Pass
			24	23.23	0.56	23.79	<=33.01	Pass
		12	0	22.25	0.56	22.81	<=33.01	Pass
			6	22.20	0.56	22.76	<=33.01	Pass
			13	22.18	0.56	22.74	<=33.01	Pass
		25	0	22.23	0.56	22.79	<=33.01	Pass
	2595	1	0	23.20	0.56	23.76	<=33.01	Pass
			13	23.19	0.56	23.75	<=33.01	Pass
			24	23.22	0.56	23.78	<=33.01	Pass
		12	0	22.22	0.56	22.78	<=33.01	Pass
			6	22.21	0.56	22.77	<=33.01	Pass
			13	22.23	0.56	22.79	<=33.01	Pass
		25	0	22.25	0.56	22.81	<=33.01	Pass
	2617.5	1	0	23.19	0.56	23.75	<=33.01	Pass
			13	23.12	0.56	23.68	<=33.01	Pass
			24	23.10	0.56	23.66	<=33.01	Pass
		12	0	22.21	0.56	22.77	<=33.01	Pass
			6	22.19	0.56	22.75	<=33.01	Pass
			13	22.16	0.56	22.72	<=33.01	Pass
		25	0	22.21	0.56	22.77	<=33.01	Pass
16QAM	2572.5	1	0	22.29	0.56	22.85	<=33.01	Pass
			13	22.24	0.56	22.80	<=33.01	Pass
			24	22.24	0.56	22.80	<=33.01	Pass
		12	0	21.15	0.56	21.71	<=33.01	Pass
			6	21.13	0.56	21.69	<=33.01	Pass
			13	21.13	0.56	21.69	<=33.01	Pass
		25	0	21.20	0.56	21.76	<=33.01	Pass
	2595	1	0	22.29	0.56	22.85	<=33.01	Pass
			13	22.29	0.56	22.85	<=33.01	Pass
			24	22.30	0.56	22.86	<=33.01	Pass
		12	0	21.19	0.56	21.75	<=33.01	Pass
			6	21.15	0.56	21.71	<=33.01	Pass
			13	21.19	0.56	21.75	<=33.01	Pass
		25	0	21.23	0.56	21.79	<=33.01	Pass
	2617.5	1	0	22.26	0.56	22.82	<=33.01	Pass
			13	22.17	0.56	22.73	<=33.01	Pass
			24	22.20	0.56	22.76	<=33.01	Pass
		12	0	21.16	0.56	21.72	<=33.01	Pass
			6	21.18	0.56	21.74	<=33.01	Pass
			13	21.12	0.56	21.68	<=33.01	Pass
		25	0	21.23	0.56	21.79	<=33.01	Pass
64QAM	2572.5	1	0	20.86	0.56	21.42	<=33.01	Pass
			13	20.77	0.56	21.33	<=33.01	Pass
			24	20.79	0.56	21.35	<=33.01	Pass
		12	0	20.23	0.56	20.79	<=33.01	Pass
			6	20.19	0.56	20.75	<=33.01	Pass
			13	20.20	0.56	20.76	<=33.01	Pass
		25	0	20.21	0.56	20.77	<=33.01	Pass

	2595	1	0	20.89	0.56	21.45	<=33.01	Pass
			13	20.85	0.56	21.41	<=33.01	Pass
			24	20.89	0.56	21.45	<=33.01	Pass
		12	0	20.24	0.56	20.80	<=33.01	Pass
			6	20.23	0.56	20.79	<=33.01	Pass
			13	20.23	0.56	20.79	<=33.01	Pass
		25	0	20.28	0.56	20.84	<=33.01	Pass
	2617.5	1	0	20.88	0.56	21.44	<=33.01	Pass
			13	20.81	0.56	21.37	<=33.01	Pass
			24	20.83	0.56	21.39	<=33.01	Pass
		12	0	20.22	0.56	20.78	<=33.01	Pass
			6	20.20	0.56	20.76	<=33.01	Pass
			13	20.18	0.56	20.74	<=33.01	Pass
		25	0	20.19	0.56	20.75	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B38_10MHz_EIRP

1.2.1 Test Result

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	23.34	0.56	23.90	<=33.01	Pass
			25	23.23	0.56	23.79	<=33.01	Pass
			49	23.24	0.56	23.80	<=33.01	Pass
		25	0	22.24	0.56	22.80	<=33.01	Pass
			13	22.16	0.56	22.72	<=33.01	Pass
			25	22.14	0.56	22.70	<=33.01	Pass
		50	0	22.16	0.56	22.72	<=33.01	Pass
	2595	1	0	23.23	0.56	23.79	<=33.01	Pass
			25	23.18	0.56	23.74	<=33.01	Pass
			49	23.25	0.56	23.81	<=33.01	Pass
		25	0	22.25	0.56	22.81	<=33.01	Pass
			13	22.21	0.56	22.77	<=33.01	Pass
			25	22.22	0.56	22.78	<=33.01	Pass
		50	0	22.22	0.56	22.78	<=33.01	Pass
	2615	1	0	23.27	0.56	23.83	<=33.01	Pass
			25	23.15	0.56	23.71	<=33.01	Pass
			49	23.13	0.56	23.69	<=33.01	Pass
		25	0	22.26	0.56	22.82	<=33.01	Pass
			13	22.21	0.56	22.77	<=33.01	Pass
			25	22.18	0.56	22.74	<=33.01	Pass
		50	0	22.23	0.56	22.79	<=33.01	Pass
16QAM	2575	1	0	22.27	0.56	22.83	<=33.01	Pass
			25	22.19	0.56	22.75	<=33.01	Pass
			49	22.23	0.56	22.79	<=33.01	Pass
		25	0	21.17	0.56	21.73	<=33.01	Pass
			13	21.15	0.56	21.71	<=33.01	Pass
			25	21.12	0.56	21.68	<=33.01	Pass
		50	0	21.16	0.56	21.72	<=33.01	Pass
	2595	1	0	22.36	0.56	22.92	<=33.01	Pass
			25	22.31	0.56	22.87	<=33.01	Pass
			49	22.34	0.56	22.90	<=33.01	Pass
		25	0	21.24	0.56	21.80	<=33.01	Pass
			13	21.22	0.56	21.78	<=33.01	Pass
			25	21.23	0.56	21.79	<=33.01	Pass

		50	0	21.24	0.56	21.80	<=33.01	Pass
	2615	1	0	22.33	0.56	22.89	<=33.01	Pass
			25	22.25	0.56	22.81	<=33.01	Pass
			49	22.26	0.56	22.82	<=33.01	Pass
		25	0	21.28	0.56	21.84	<=33.01	Pass
			13	21.20	0.56	21.76	<=33.01	Pass
			25	21.18	0.56	21.74	<=33.01	Pass
		50	0	21.27	0.56	21.83	<=33.01	Pass
64QAM	2575	1	0	20.86	0.56	21.42	<=33.01	Pass
			25	20.81	0.56	21.37	<=33.01	Pass
			49	20.82	0.56	21.38	<=33.01	Pass
		25	0	20.23	0.56	20.79	<=33.01	Pass
			13	20.18	0.56	20.74	<=33.01	Pass
			25	20.15	0.56	20.71	<=33.01	Pass
		50	0	20.18	0.56	20.74	<=33.01	Pass
	2595	1	0	20.92	0.56	21.48	<=33.01	Pass
			25	20.85	0.56	21.41	<=33.01	Pass
			49	20.93	0.56	21.49	<=33.01	Pass
		25	0	20.27	0.56	20.83	<=33.01	Pass
			13	20.23	0.56	20.79	<=33.01	Pass
			25	20.25	0.56	20.81	<=33.01	Pass
		50	0	20.21	0.56	20.77	<=33.01	Pass
	2615	1	0	20.91	0.56	21.47	<=33.01	Pass
			25	20.83	0.56	21.39	<=33.01	Pass
			49	20.81	0.56	21.37	<=33.01	Pass
		25	0	20.28	0.56	20.84	<=33.01	Pass
			13	20.24	0.56	20.80	<=33.01	Pass
			25	20.22	0.56	20.78	<=33.01	Pass
		50	0	20.22	0.56	20.78	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B38_15MHz_EIRP

1.3.1 Test Result

Band: 38 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	23.24	0.56	23.80	<=33.01	Pass
			38	23.26	0.56	23.82	<=33.01	Pass
			74	23.22	0.56	23.78	<=33.01	Pass
		36	0	22.17	0.56	22.73	<=33.01	Pass
			18	22.10	0.56	22.66	<=33.01	Pass
			39	22.08	0.56	22.64	<=33.01	Pass
		75	0	22.14	0.56	22.70	<=33.01	Pass
	2595	1	0	23.15	0.56	23.71	<=33.01	Pass
			38	23.22	0.56	23.78	<=33.01	Pass
			74	23.22	0.56	23.78	<=33.01	Pass
		36	0	22.17	0.56	22.73	<=33.01	Pass
			18	22.19	0.56	22.75	<=33.01	Pass
			39	22.20	0.56	22.76	<=33.01	Pass
		75	0	22.22	0.56	22.78	<=33.01	Pass
	2612.5	1	0	23.20	0.56	23.76	<=33.01	Pass
			38	23.16	0.56	23.72	<=33.01	Pass
			74	23.08	0.56	23.64	<=33.01	Pass
		36	0	22.19	0.56	22.75	<=33.01	Pass
			18	22.20	0.56	22.76	<=33.01	Pass

			39	22.16	0.56	22.72	<=33.01	Pass
		75	0	22.24	0.56	22.80	<=33.01	Pass
16QAM	2577.5	1	0	22.28	0.56	22.84	<=33.01	Pass
			38	22.22	0.56	22.78	<=33.01	Pass
			74	22.19	0.56	22.75	<=33.01	Pass
		36	0	21.12	0.56	21.68	<=33.01	Pass
			18	21.09	0.56	21.65	<=33.01	Pass
			39	21.07	0.56	21.63	<=33.01	Pass
		75	0	21.17	0.56	21.73	<=33.01	Pass
	2595	1	0	22.22	0.56	22.78	<=33.01	Pass
			38	22.29	0.56	22.85	<=33.01	Pass
			74	22.33	0.56	22.89	<=33.01	Pass
		36	0	21.14	0.56	21.70	<=33.01	Pass
			18	21.15	0.56	21.71	<=33.01	Pass
			39	21.18	0.56	21.74	<=33.01	Pass
		75	0	21.22	0.56	21.78	<=33.01	Pass
	2612.5	1	0	22.34	0.56	22.90	<=33.01	Pass
			38	22.23	0.56	22.79	<=33.01	Pass
			74	22.22	0.56	22.78	<=33.01	Pass
		36	0	21.17	0.56	21.73	<=33.01	Pass
			18	21.15	0.56	21.71	<=33.01	Pass
			39	21.13	0.56	21.69	<=33.01	Pass
		75	0	21.25	0.56	21.81	<=33.01	Pass
64QAM	2577.5	1	0	20.84	0.56	21.40	<=33.01	Pass
			38	20.79	0.56	21.35	<=33.01	Pass
			74	20.77	0.56	21.33	<=33.01	Pass
		36	0	20.10	0.56	20.66	<=33.01	Pass
			18	20.09	0.56	20.65	<=33.01	Pass
			39	20.11	0.56	20.67	<=33.01	Pass
		75	0	20.15	0.56	20.71	<=33.01	Pass
	2595	1	0	20.82	0.56	21.38	<=33.01	Pass
			38	20.89	0.56	21.45	<=33.01	Pass
			74	20.90	0.56	21.46	<=33.01	Pass
		36	0	20.15	0.56	20.71	<=33.01	Pass
			18	20.16	0.56	20.72	<=33.01	Pass
			39	20.22	0.56	20.78	<=33.01	Pass
		75	0	20.24	0.56	20.80	<=33.01	Pass
	2612.5	1	0	20.92	0.56	21.48	<=33.01	Pass
			38	20.85	0.56	21.41	<=33.01	Pass
			74	20.79	0.56	21.35	<=33.01	Pass
		36	0	20.17	0.56	20.73	<=33.01	Pass
			18	20.17	0.56	20.73	<=33.01	Pass
			39	20.13	0.56	20.69	<=33.01	Pass
		75	0	20.24	0.56	20.80	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B38_20MHz_EIRP

1.4.1 Test Result

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	23.30	0.56	23.86	<=33.01	Pass
			50	23.25	0.56	23.81	<=33.01	Pass
			99	23.29	0.56	23.85	<=33.01	Pass
		50	0	22.20	0.56	22.76	<=33.01	Pass

			25	22.13	0.56	22.69	<=33.01	Pass
			50	22.18	0.56	22.74	<=33.01	Pass
		100	0	22.18	0.56	22.74	<=33.01	Pass
	2595	1	0	23.14	0.56	23.70	<=33.01	Pass
			50	23.21	0.56	23.77	<=33.01	Pass
			99	23.20	0.56	23.76	<=33.01	Pass
		50	0	22.22	0.56	22.78	<=33.01	Pass
			25	22.26	0.56	22.82	<=33.01	Pass
			50	22.25	0.56	22.81	<=33.01	Pass
		100	0	22.24	0.56	22.80	<=33.01	Pass
	2610	1	0	23.24	0.56	23.80	<=33.01	Pass
			50	23.21	0.56	23.77	<=33.01	Pass
			99	23.08	0.56	23.64	<=33.01	Pass
		50	0	22.29	0.56	22.85	<=33.01	Pass
			25	22.30	0.56	22.86	<=33.01	Pass
			50	22.21	0.56	22.77	<=33.01	Pass
		100	0	22.21	0.56	22.77	<=33.01	Pass
16QAM	2580	1	0	22.31	0.56	22.87	<=33.01	Pass
			50	22.24	0.56	22.80	<=33.01	Pass
			99	22.25	0.56	22.81	<=33.01	Pass
		50	0	21.20	0.56	21.76	<=33.01	Pass
			25	21.16	0.56	21.72	<=33.01	Pass
			50	21.18	0.56	21.74	<=33.01	Pass
		100	0	21.21	0.56	21.77	<=33.01	Pass
	2595	1	0	22.25	0.56	22.81	<=33.01	Pass
			50	22.30	0.56	22.86	<=33.01	Pass
			99	22.29	0.56	22.85	<=33.01	Pass
		50	0	21.23	0.56	21.79	<=33.01	Pass
			25	21.28	0.56	21.84	<=33.01	Pass
			50	21.27	0.56	21.83	<=33.01	Pass
		100	0	21.23	0.56	21.79	<=33.01	Pass
	2610	1	0	22.38	0.56	22.94	<=33.01	Pass
			50	22.27	0.56	22.83	<=33.01	Pass
			99	22.21	0.56	22.77	<=33.01	Pass
		50	0	21.32	0.56	21.88	<=33.01	Pass
			25	21.28	0.56	21.84	<=33.01	Pass
			50	21.22	0.56	21.78	<=33.01	Pass
		100	0	21.24	0.56	21.80	<=33.01	Pass
64QAM	2580	1	0	20.84	0.56	21.40	<=33.01	Pass
			50	20.79	0.56	21.35	<=33.01	Pass
			99	20.85	0.56	21.41	<=33.01	Pass
		50	0	20.19	0.56	20.75	<=33.01	Pass
			25	20.16	0.56	20.72	<=33.01	Pass
			50	20.15	0.56	20.71	<=33.01	Pass
		100	0	20.21	0.56	20.77	<=33.01	Pass
	2595	1	0	20.83	0.56	21.39	<=33.01	Pass
			50	20.90	0.56	21.46	<=33.01	Pass
			99	20.87	0.56	21.43	<=33.01	Pass
		50	0	20.20	0.56	20.76	<=33.01	Pass
			25	20.23	0.56	20.79	<=33.01	Pass
			50	20.26	0.56	20.82	<=33.01	Pass
		100	0	20.21	0.56	20.77	<=33.01	Pass
	2610	1	0	20.90	0.56	21.46	<=33.01	Pass
			50	20.87	0.56	21.43	<=33.01	Pass
			99	20.78	0.56	21.34	<=33.01	Pass
		50	0	20.28	0.56	20.84	<=33.01	Pass
			25	20.28	0.56	20.84	<=33.01	Pass
			50	20.23	0.56	20.79	<=33.01	Pass
		100	0	20.24	0.56	20.80	<=33.01	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B38_20MHz

2.1.1 Test Result

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	3.7	-4.400	-0.0017	/	Pass
					3.91	-0.200	-0.0001	/	Pass
					4.4	-1.800	-0.0007	/	Pass
				-30	3.91	-0.600	-0.0002	/	Pass
				-20	3.91	0.100	0.0000	/	Pass
				-10	3.91	0.100	0.0000	/	Pass
				0	3.91	-0.900	-0.0003	/	Pass
				10	3.91	-4.400	-0.0017	/	Pass
				30	3.91	-4.100	-0.0016	/	Pass
				40	3.91	-1.900	-0.0007	/	Pass
				50	3.91	1.000	0.0004	/	Pass
	2595	100	0	20	3.7	-4.300	-0.0017	/	Pass
					3.91	4.400	0.0017	/	Pass
					4.4	-5.700	-0.0022	/	Pass
				-30	3.91	3.200	0.0012	/	Pass
				-20	3.91	2.800	0.0011	/	Pass
				-10	3.91	-1.000	-0.0004	/	Pass
				0	3.91	4.600	0.0018	/	Pass
				10	3.91	3.500	0.0013	/	Pass
				30	3.91	-2.600	-0.0010	/	Pass
				40	3.91	-1.200	-0.0005	/	Pass
				50	3.91	-2.300	-0.0009	/	Pass
	2610	100	0	20	3.7	-4.000	-0.0015	/	Pass
					3.91	-0.300	-0.0001	/	Pass
					4.4	1.300	0.0005	/	Pass
				-30	3.91	0.300	0.0001	/	Pass
				-20	3.91	-6.200	-0.0024	/	Pass
				-10	3.91	2.500	0.0010	/	Pass
				0	3.91	-1.500	-0.0006	/	Pass
				10	3.91	3.200	0.0012	/	Pass
				30	3.91	-2.200	-0.0008	/	Pass
				40	3.91	-3.300	-0.0013	/	Pass
				50	3.91	1.900	0.0007	/	Pass

3. 99% & 26dB Bandwidth

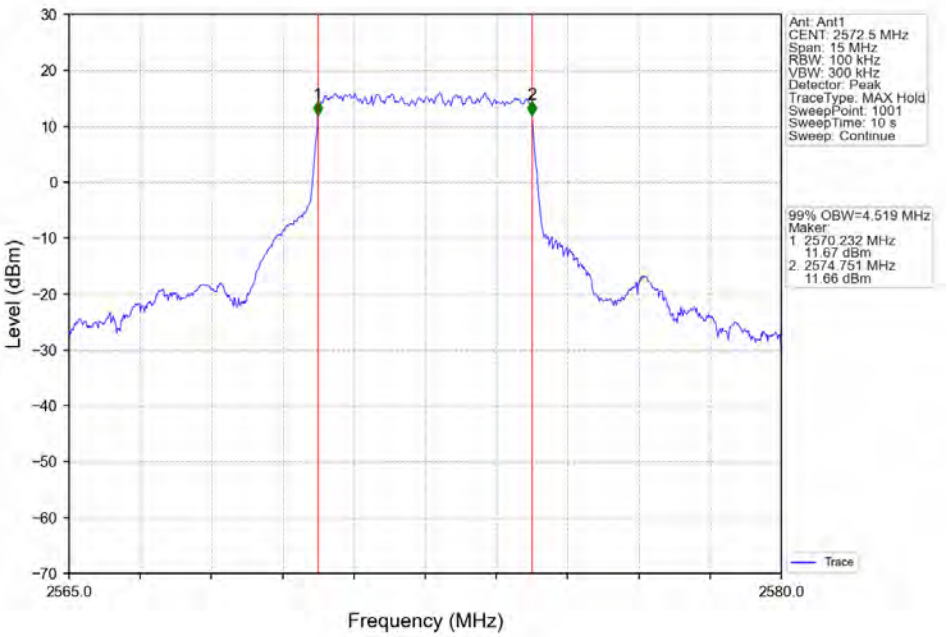
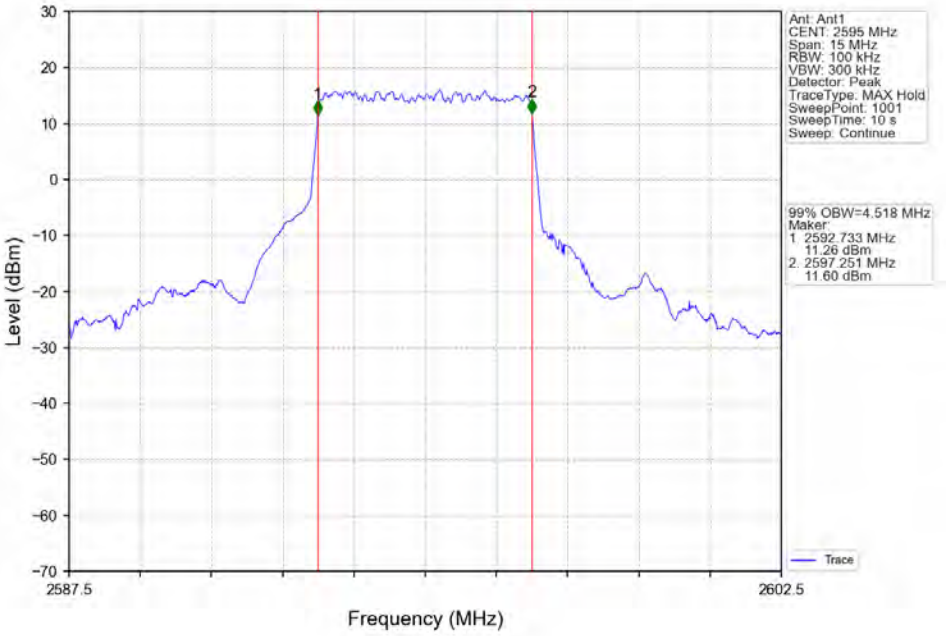
3.1 Band38_OBW

3.1.1 Test Result

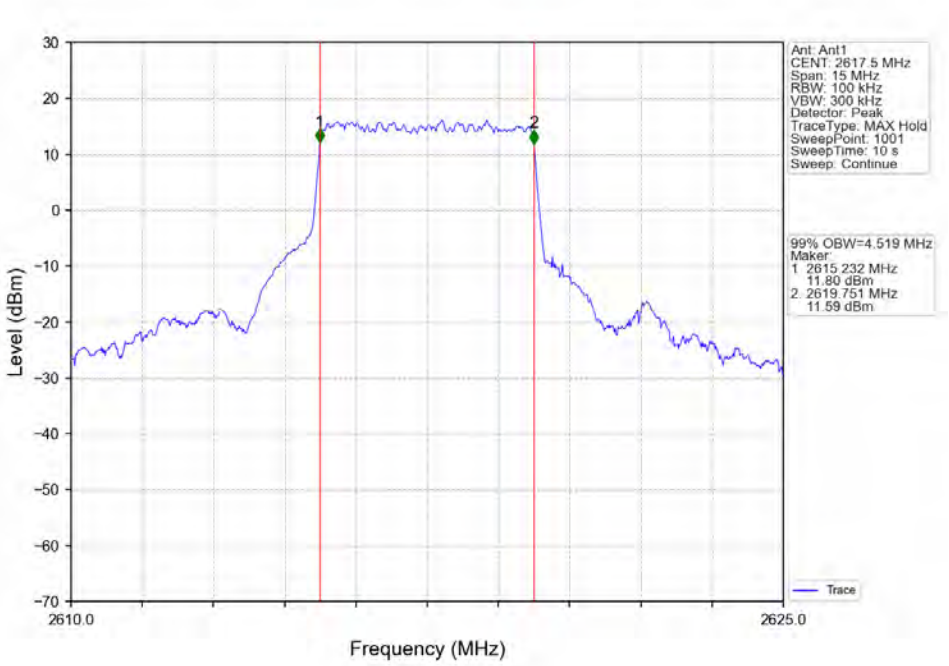
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	

5	QPSK	2572.5	25	0	4.519	/	Pass
		2595	25	0	4.518	/	Pass
		2617.5	25	0	4.519	/	Pass
	16QAM	2572.5	25	0	4.515	/	Pass
		2595	25	0	4.503	/	Pass
		2617.5	25	0	4.513	/	Pass
	64QAM	2572.5	25	0	4.514	/	Pass
		2595	25	0	4.509	/	Pass
		2617.5	25	0	4.510	/	Pass
10	QPSK	2575	50	0	8.998	/	Pass
		2595	50	0	9.037	/	Pass
		2615	50	0	9.035	/	Pass
	16QAM	2575	50	0	8.987	/	Pass
		2595	50	0	8.999	/	Pass
		2615	50	0	8.997	/	Pass
	64QAM	2575	50	0	9.039	/	Pass
		2595	50	0	9.036	/	Pass
		2615	50	0	9.037	/	Pass
15	QPSK	2577.5	75	0	13.505	/	Pass
		2595	75	0	13.572	/	Pass
		2612.5	75	0	13.537	/	Pass
	16QAM	2577.5	75	0	13.485	/	Pass
		2595	75	0	13.481	/	Pass
		2612.5	75	0	13.486	/	Pass
	64QAM	2577.5	75	0	13.536	/	Pass
		2595	75	0	13.527	/	Pass
		2612.5	75	0	13.527	/	Pass
20	QPSK	2580	100	0	18.087	/	Pass
		2595	100	0	18.182	/	Pass
		2610	100	0	18.160	/	Pass
	16QAM	2580	100	0	18.140	/	Pass
		2595	100	0	18.135	/	Pass
		2610	100	0	18.136	/	Pass
	64QAM	2580	100	0	18.152	/	Pass
		2595	100	0	18.148	/	Pass
		2610	100	0	18.167	/	Pass

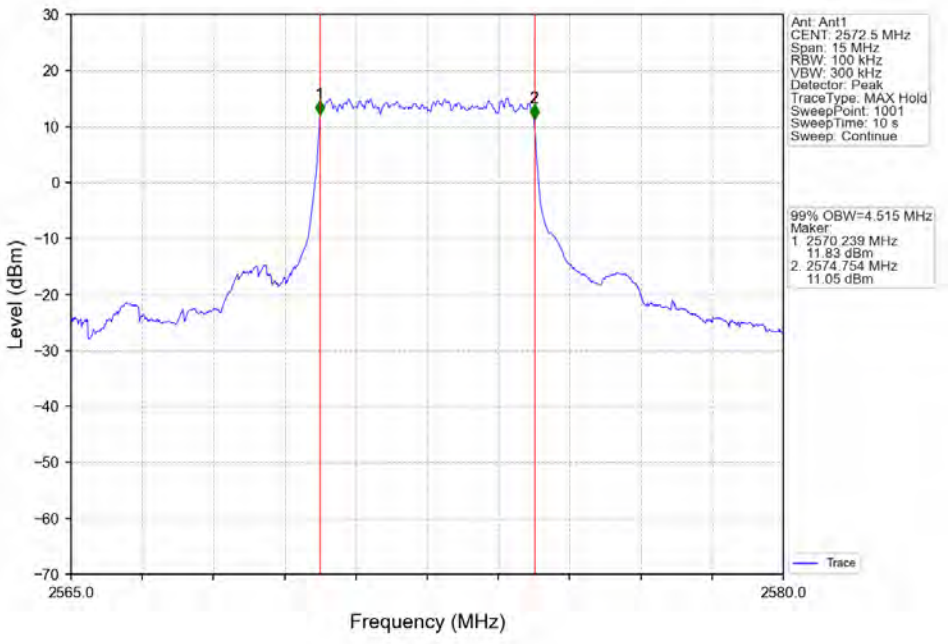
3.1.2 Test Graph

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV


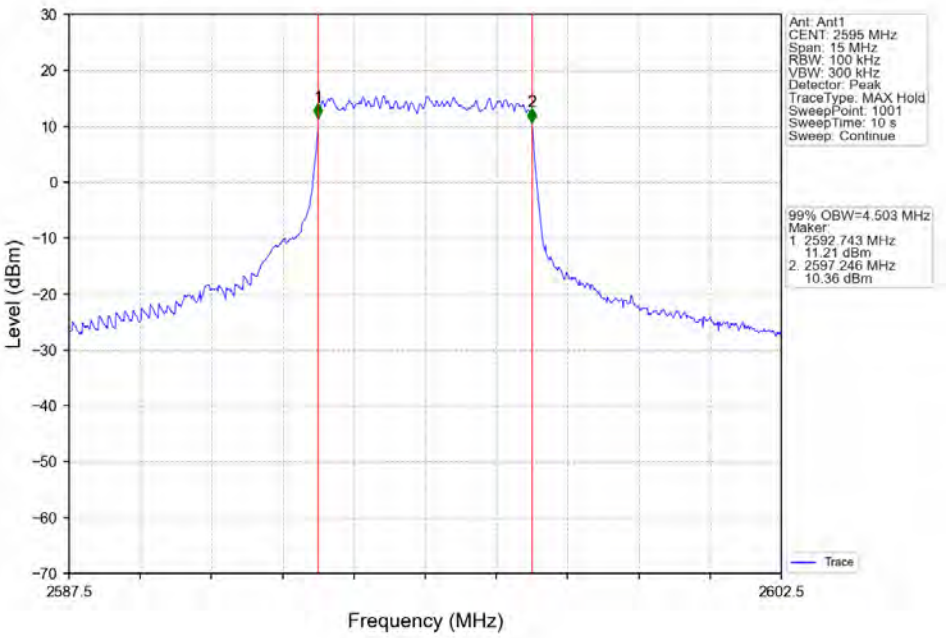
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



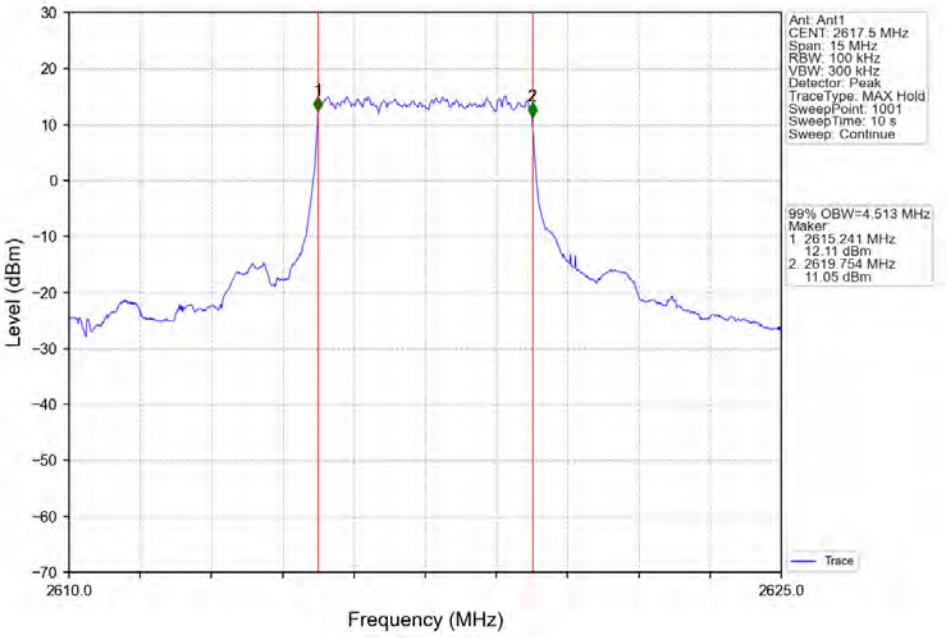
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



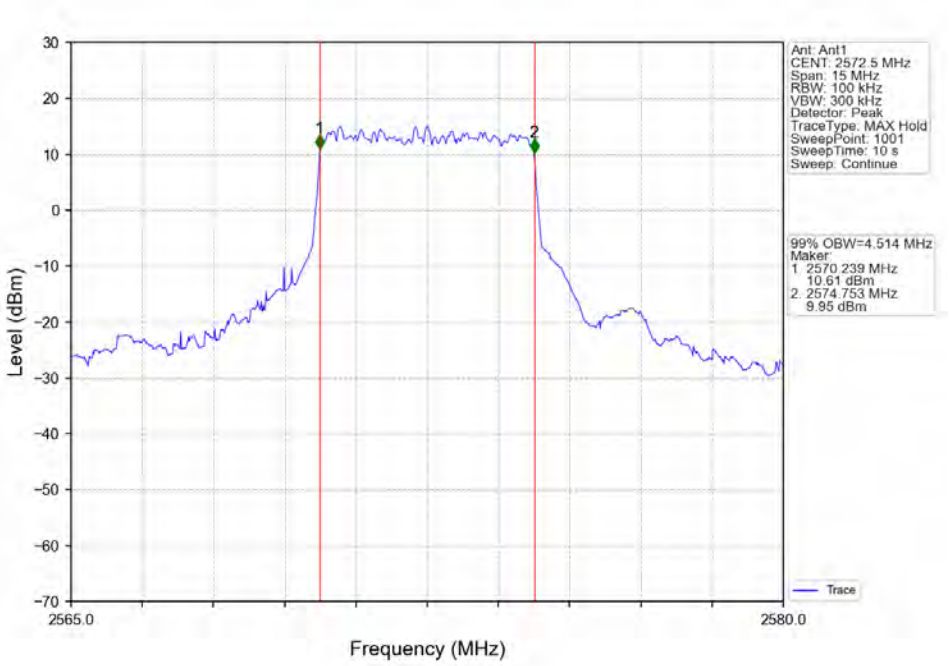
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



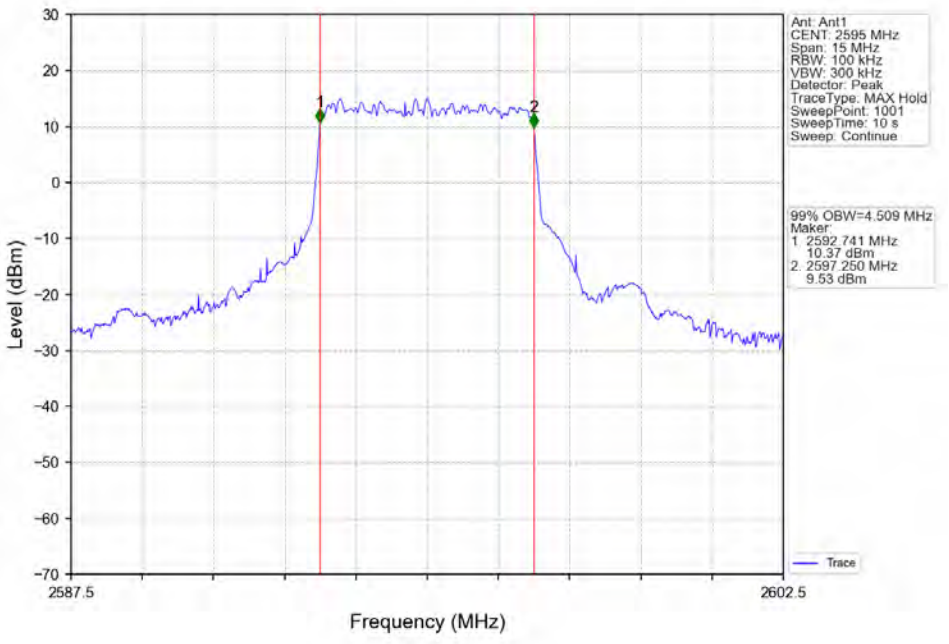
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



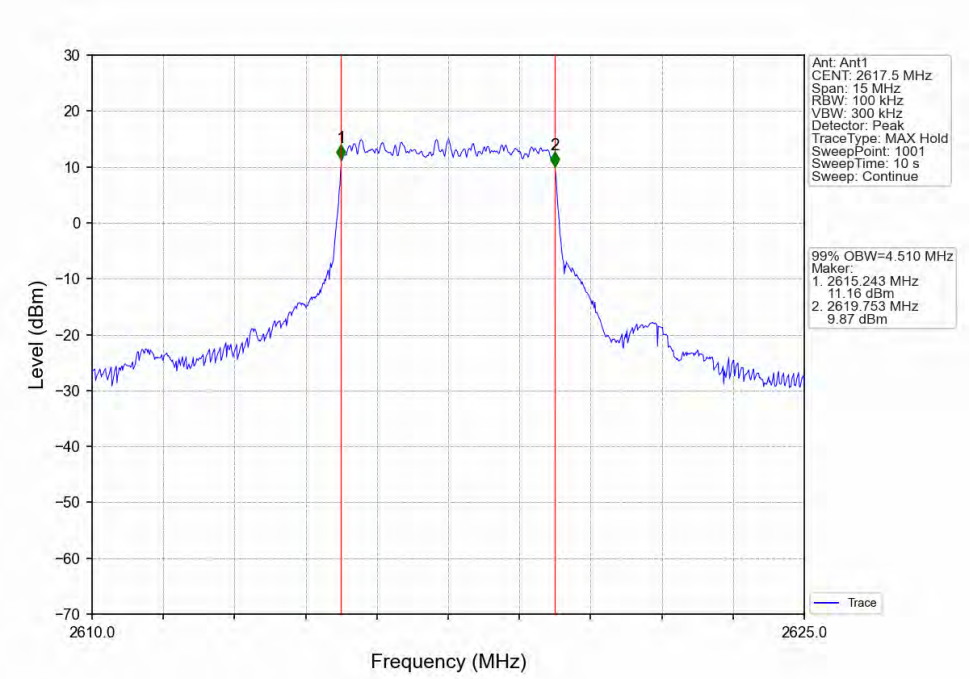
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



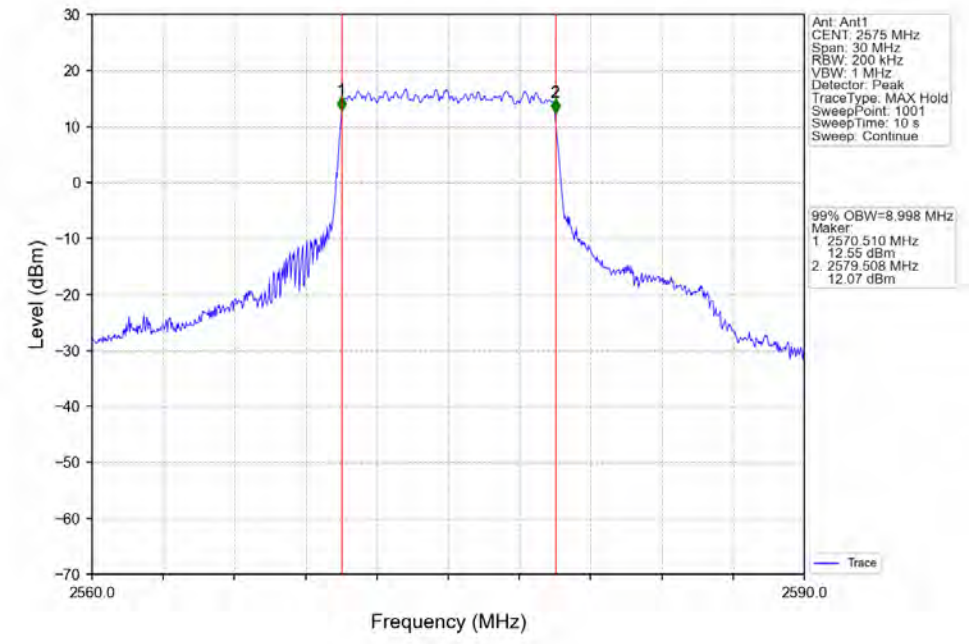
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



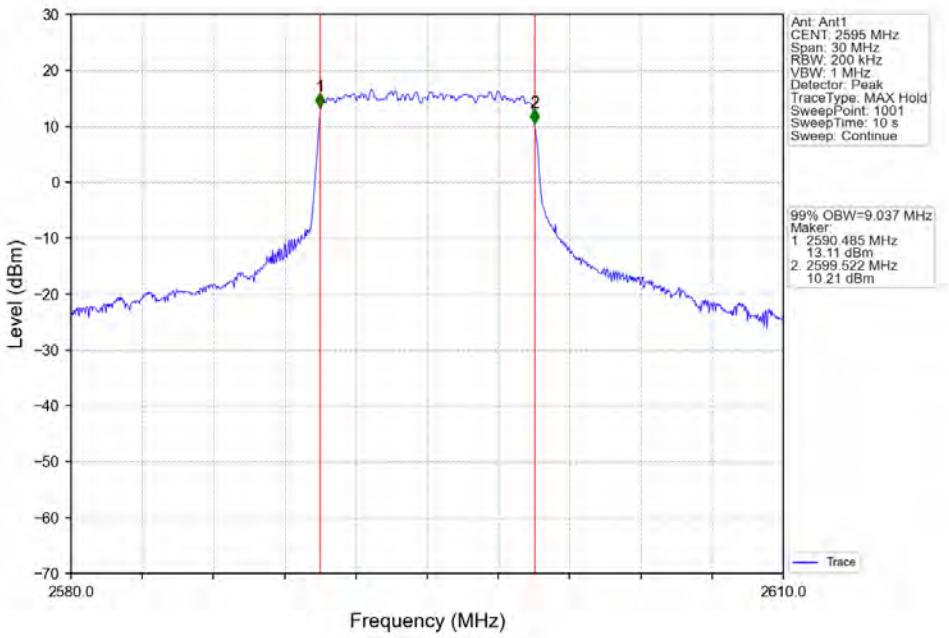
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



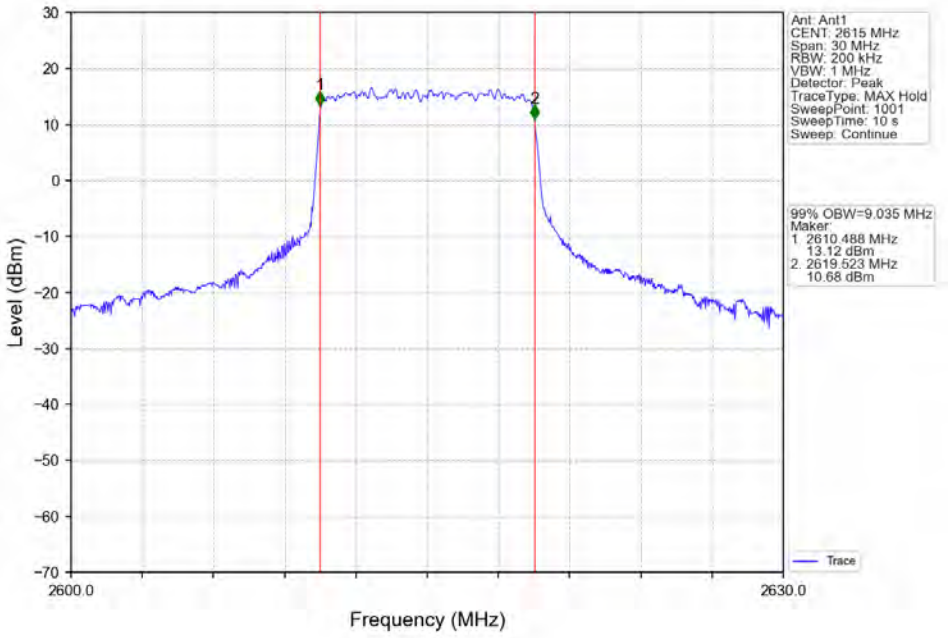
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



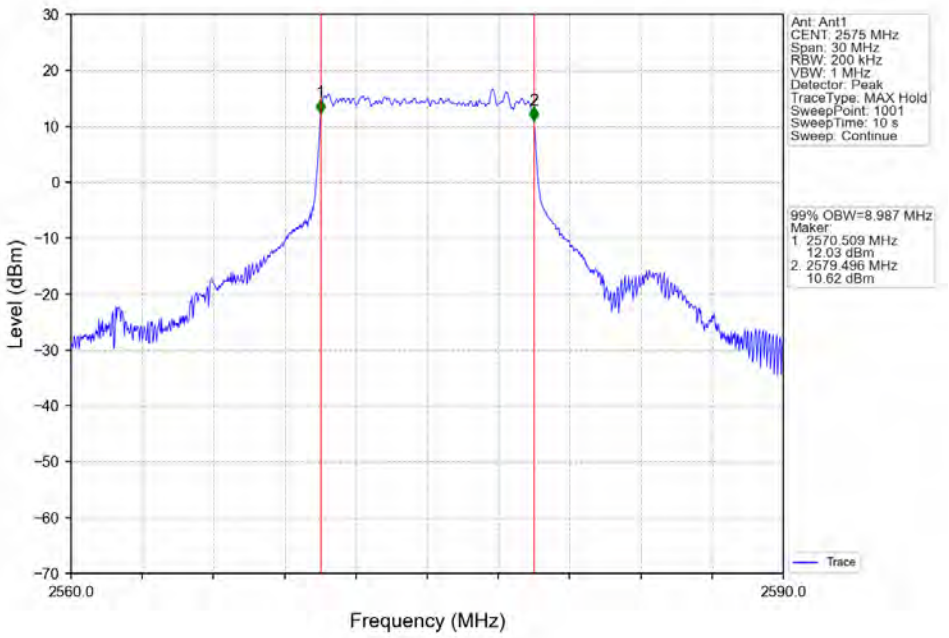
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



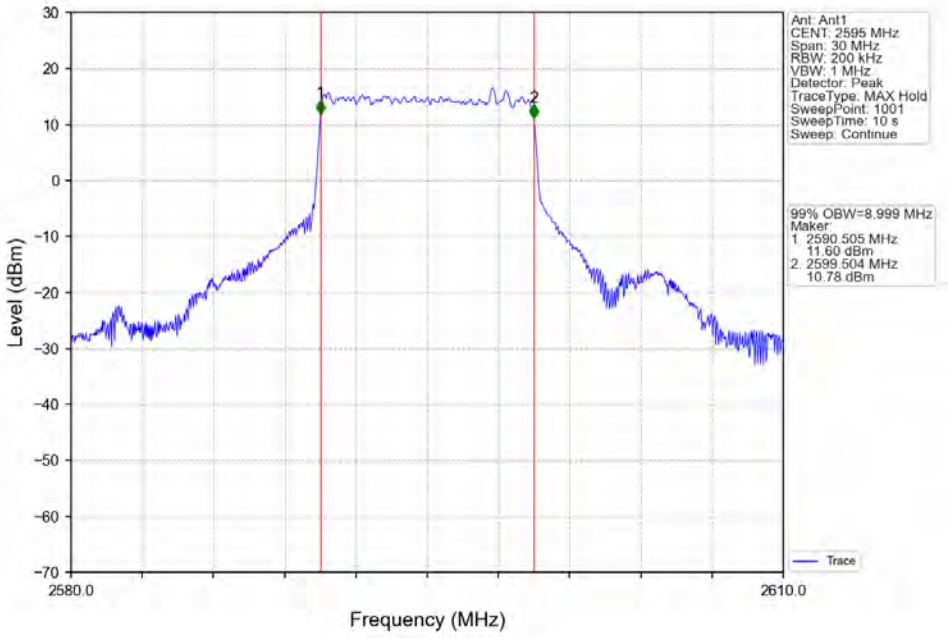
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



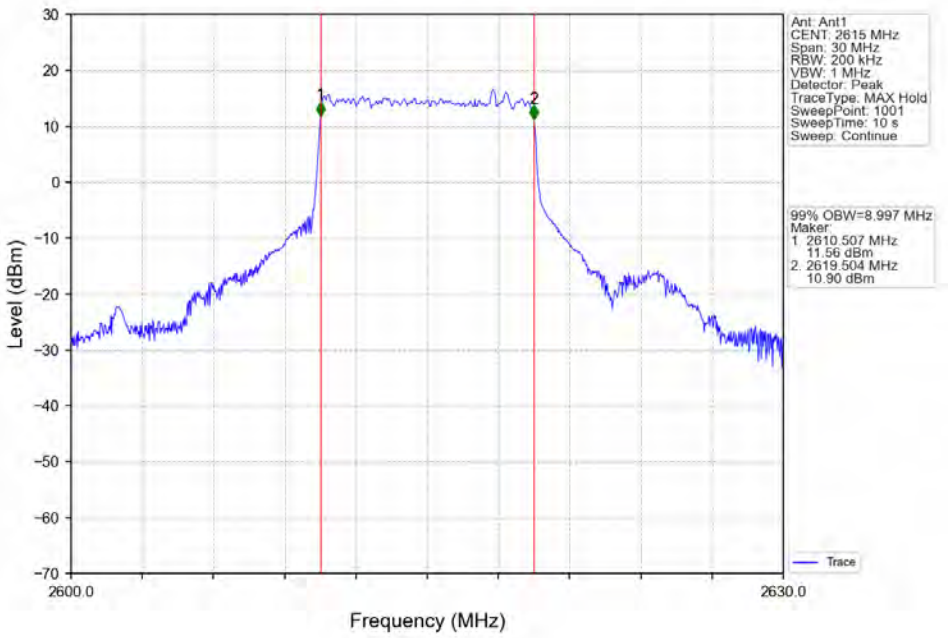
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



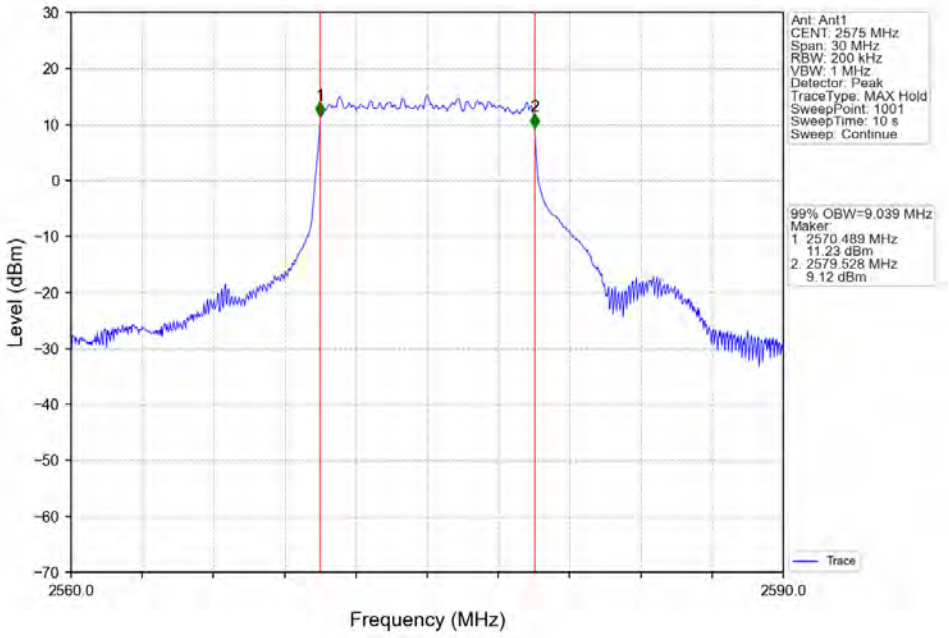
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



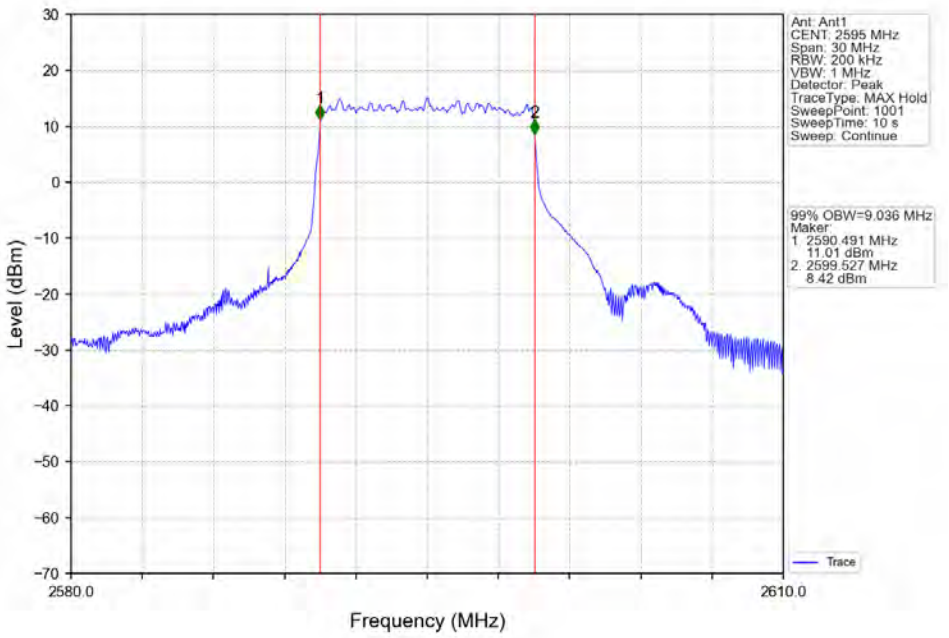
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



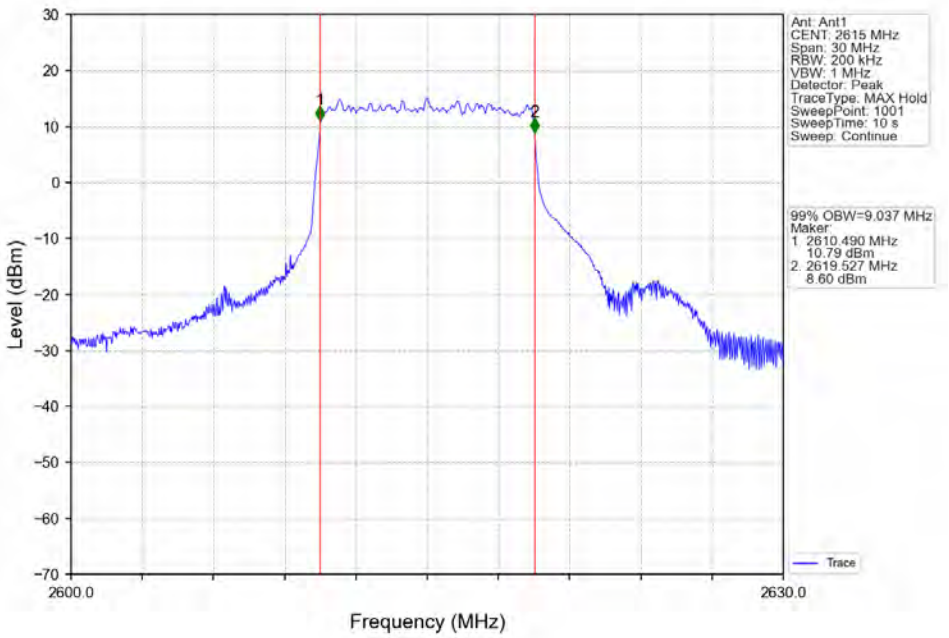
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



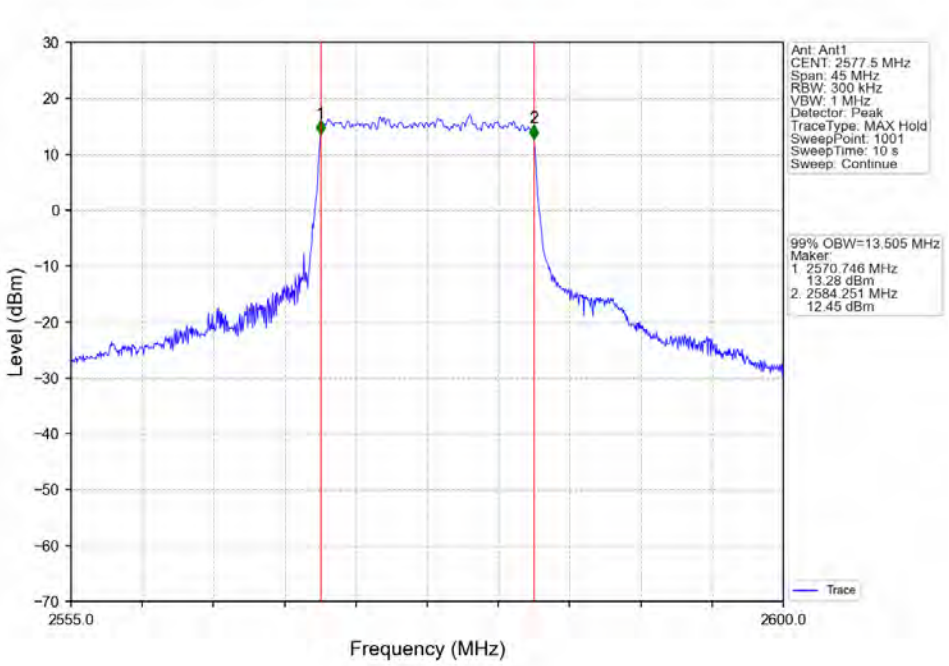
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



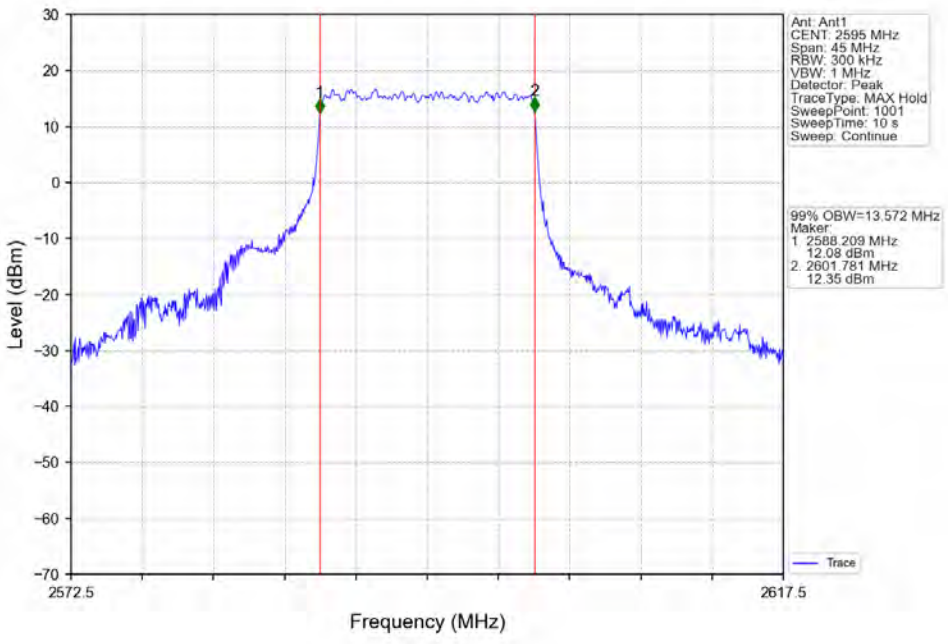
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



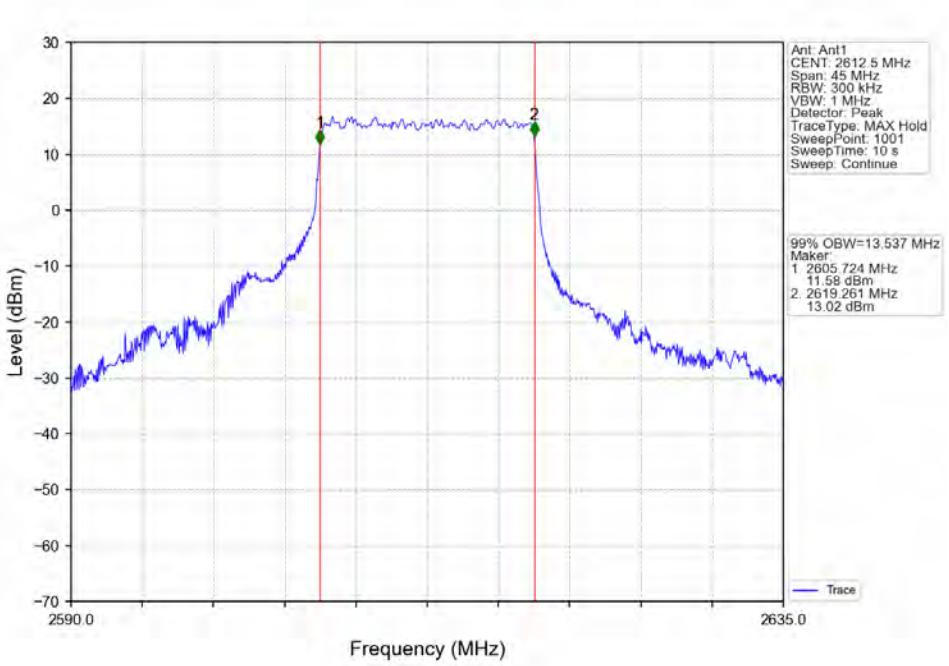
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



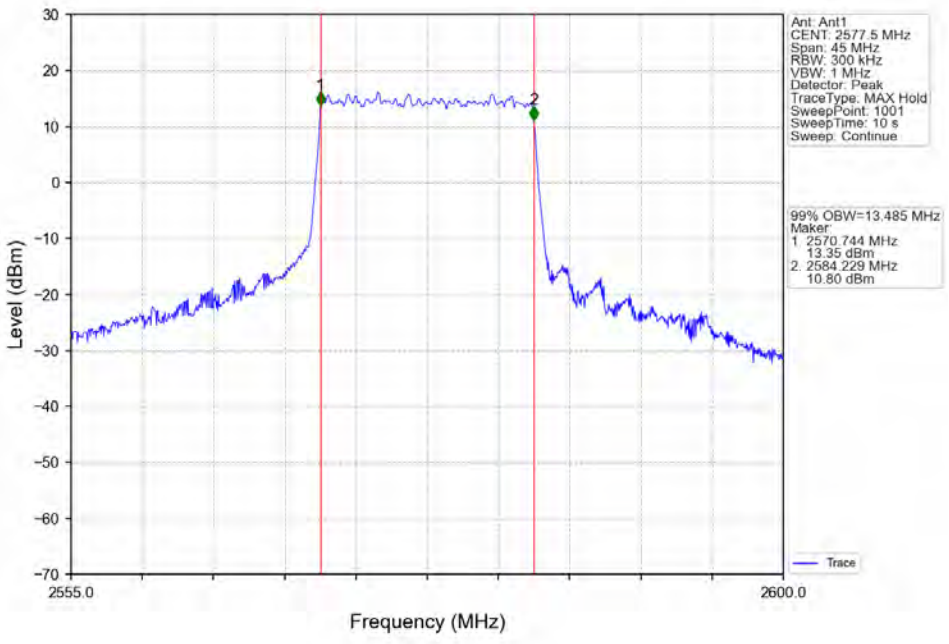
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



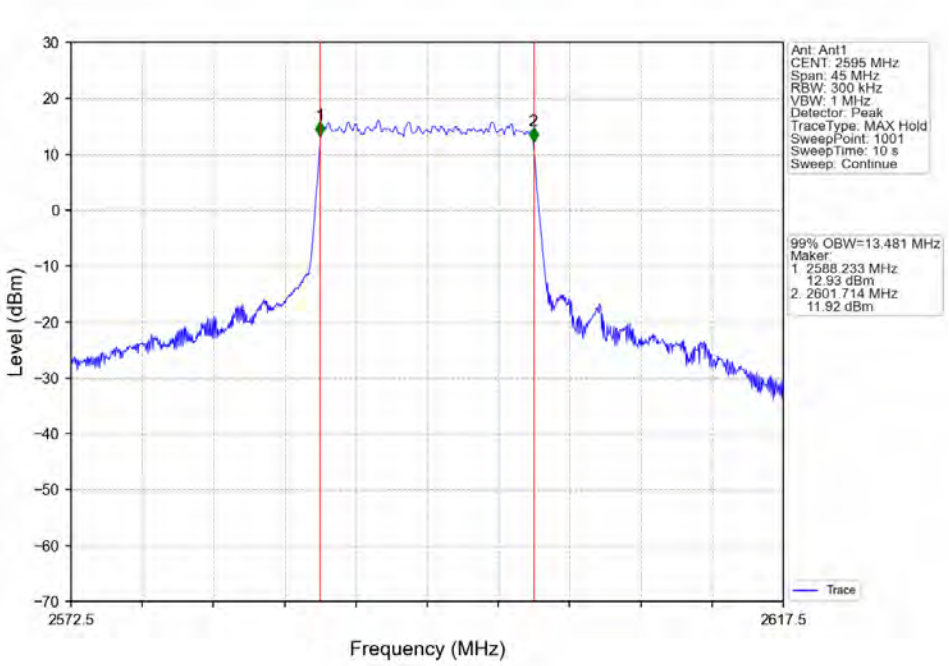
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



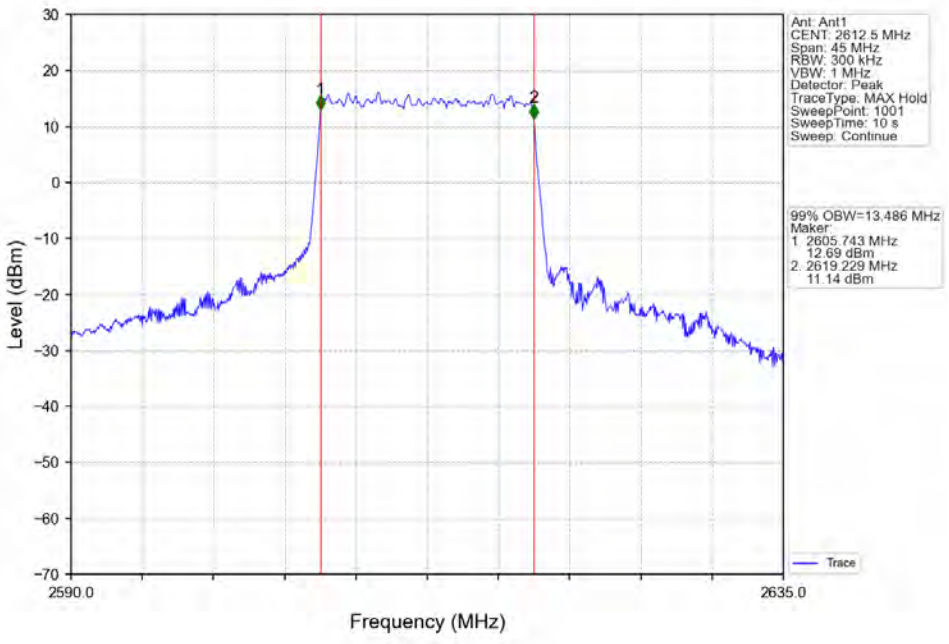
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



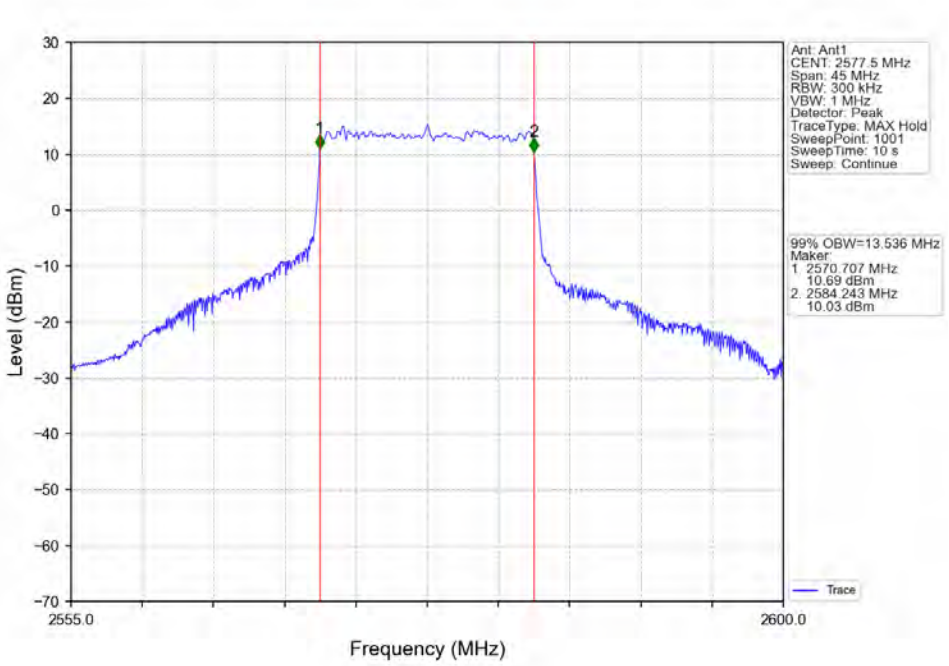
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



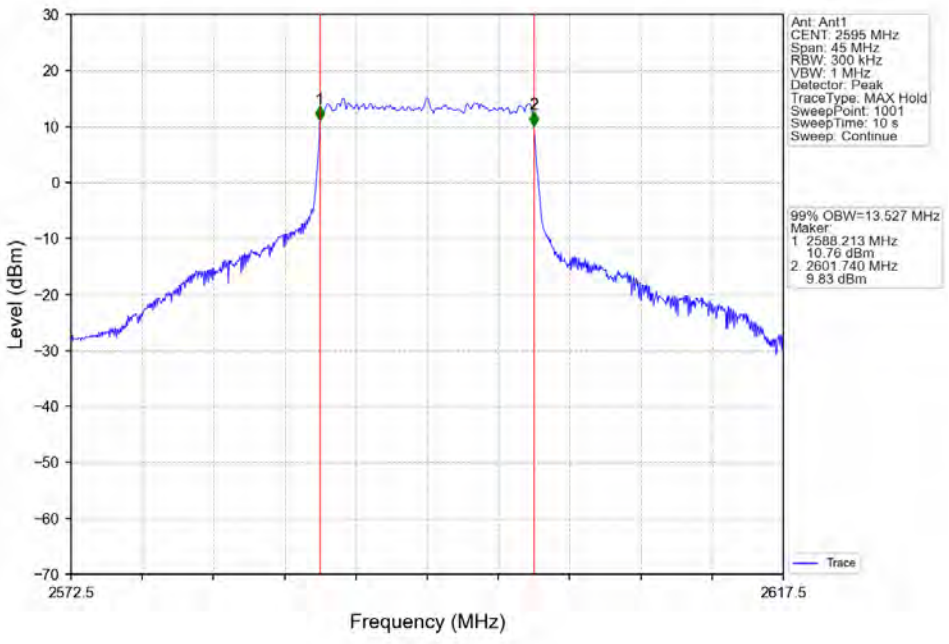
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV

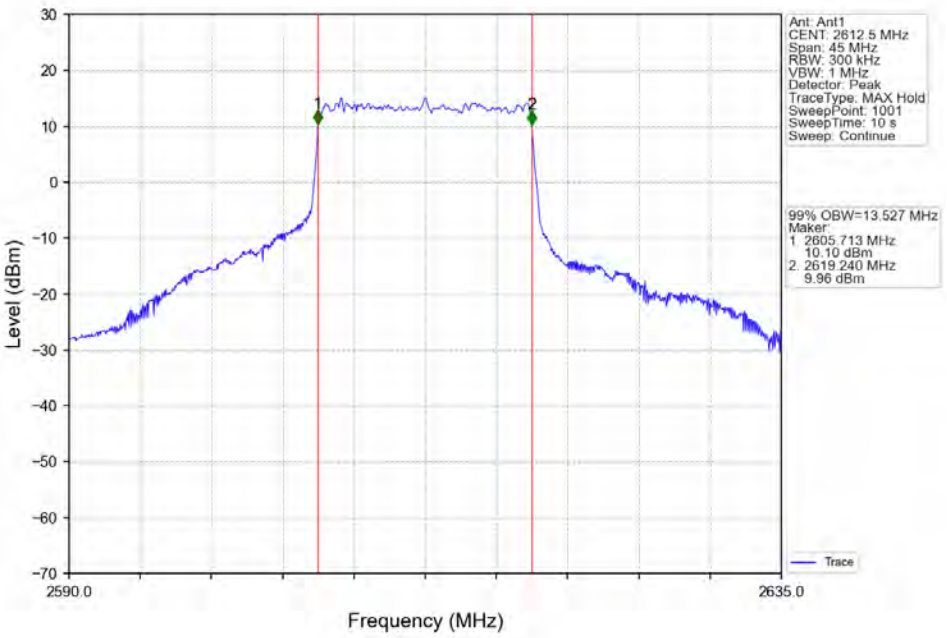


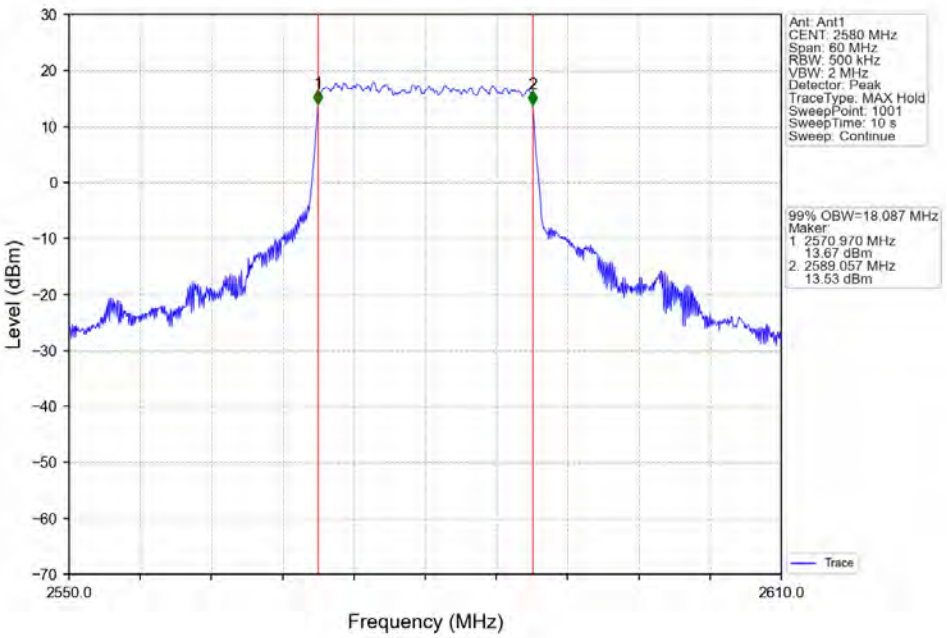
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



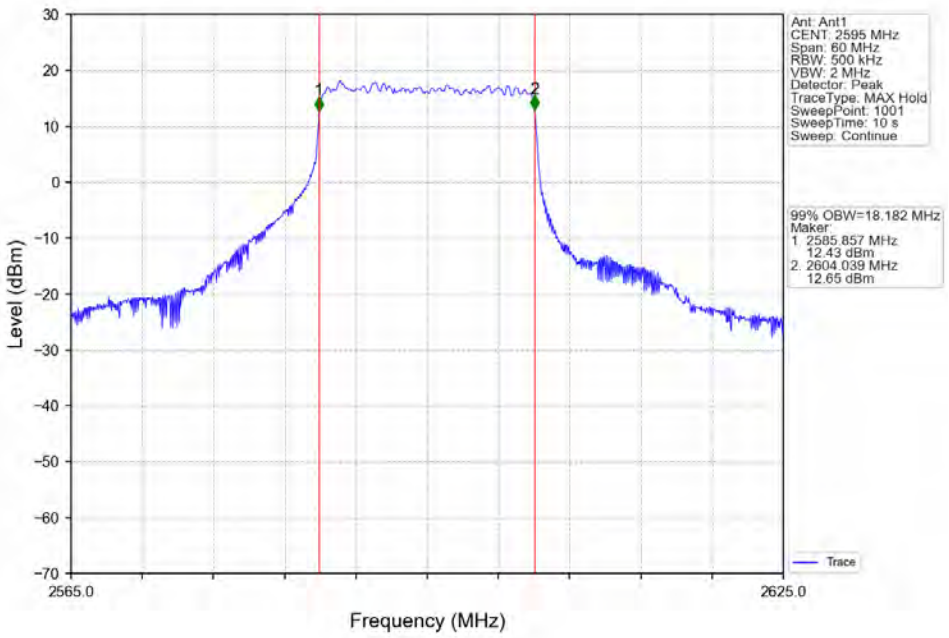
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



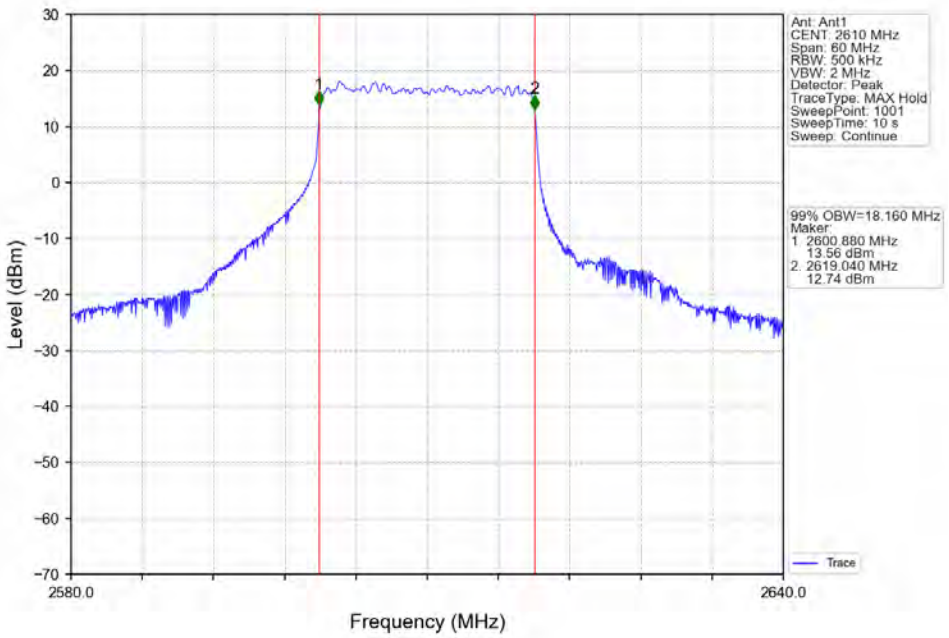
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV


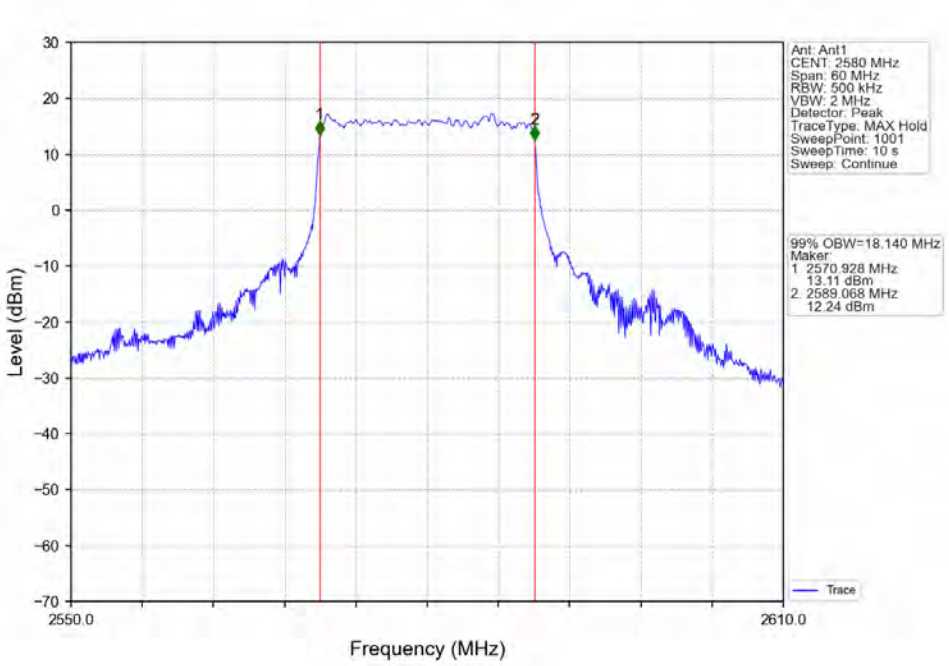
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



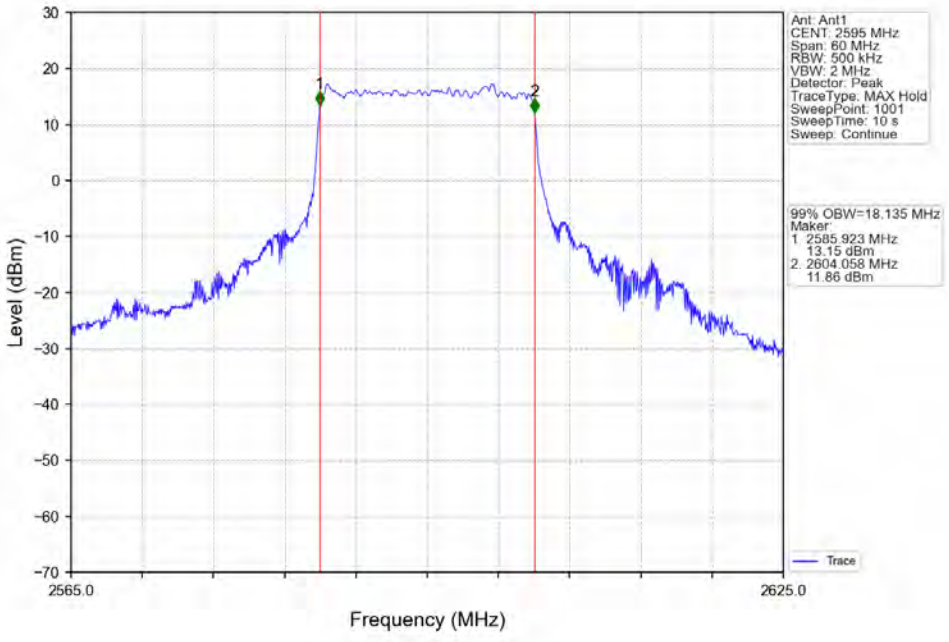
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



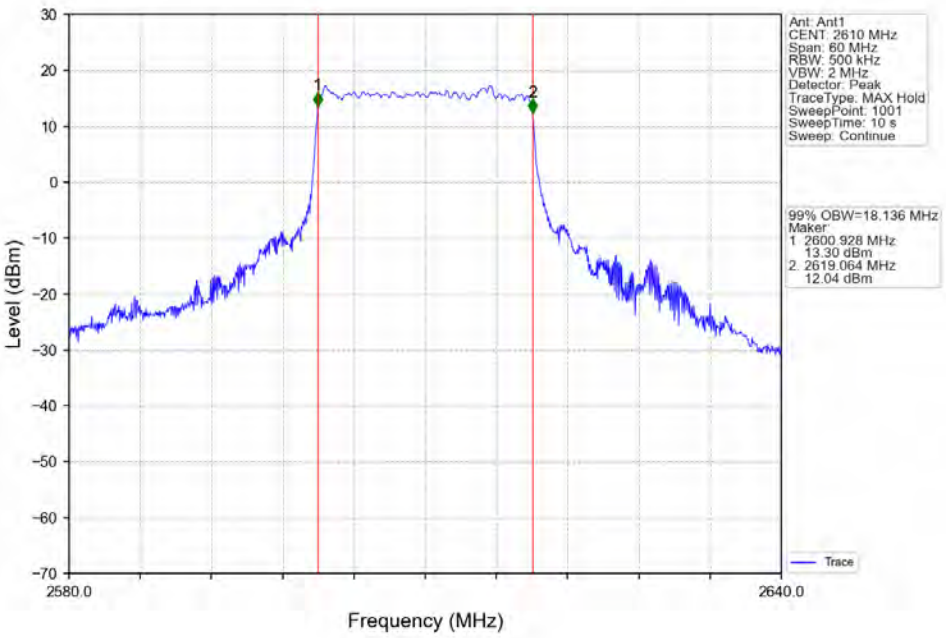
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



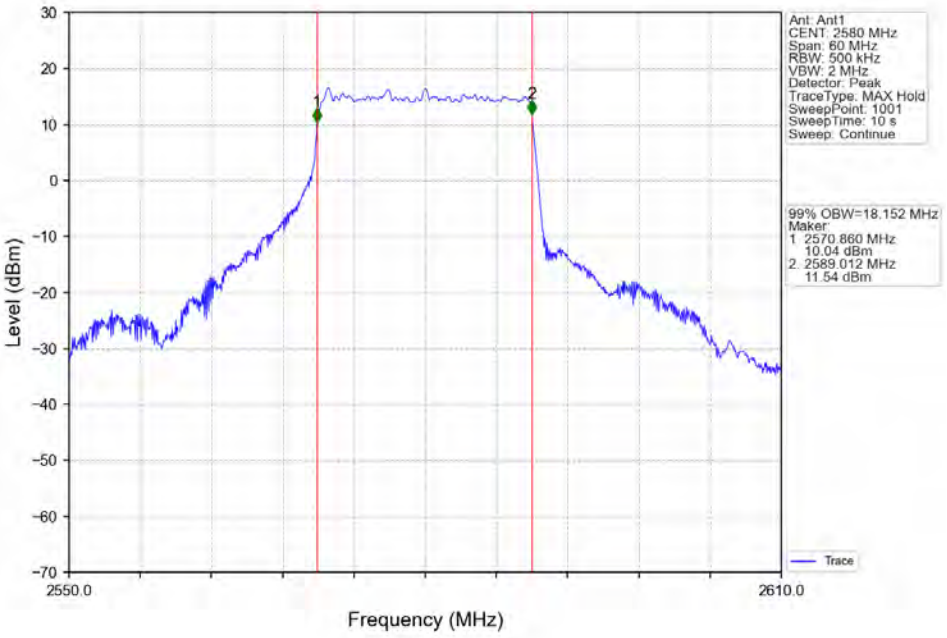
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



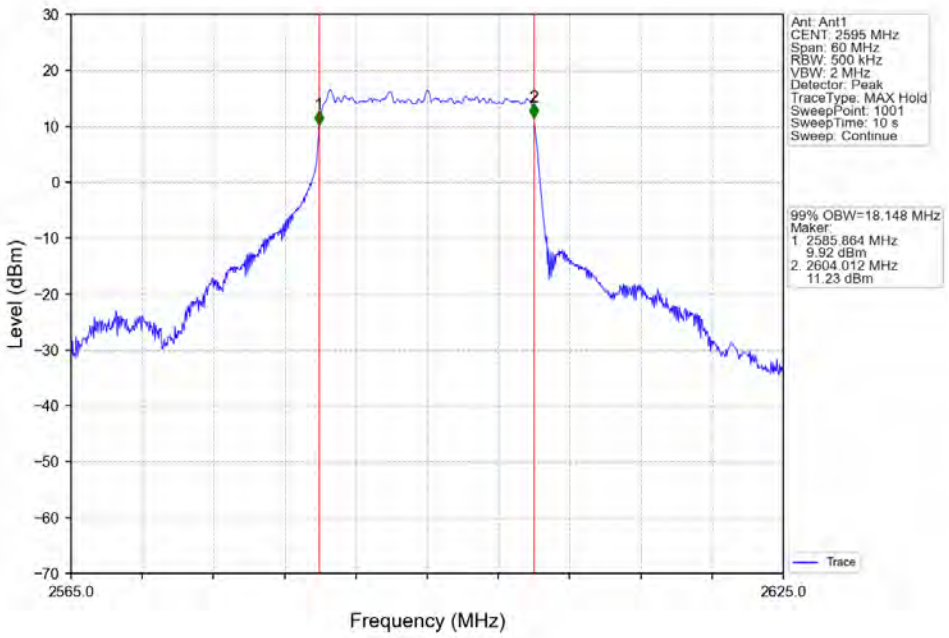
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



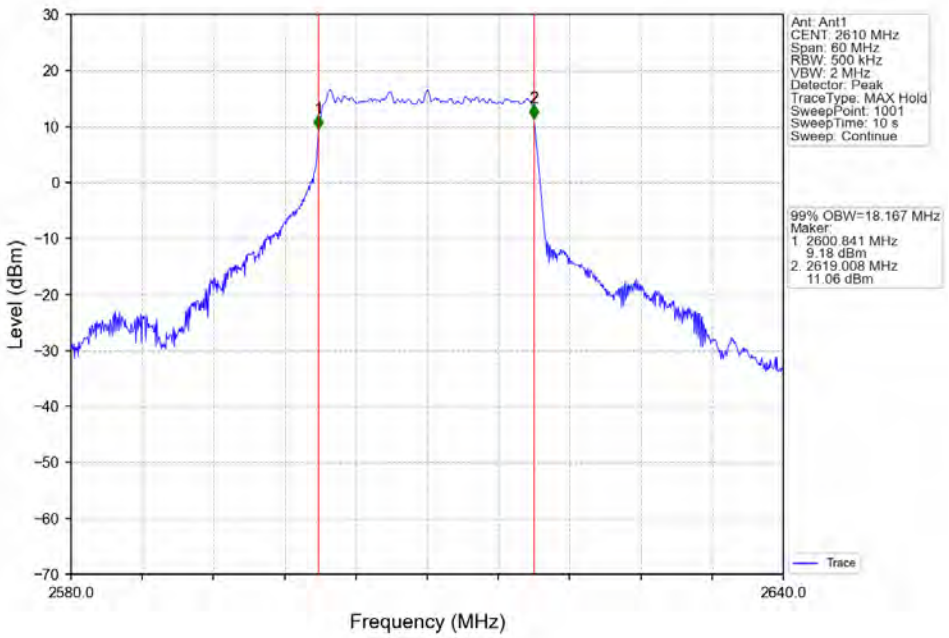
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV

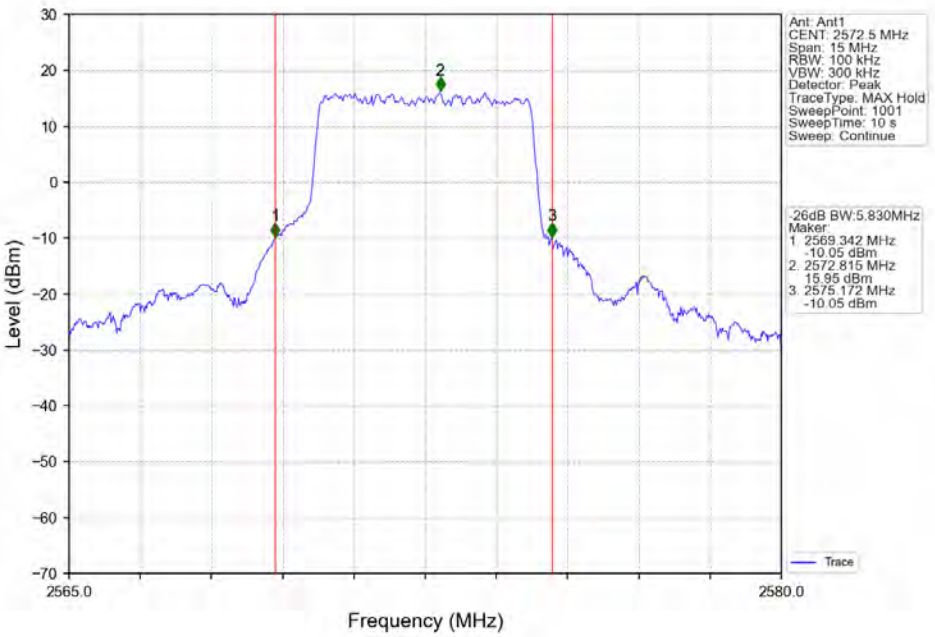
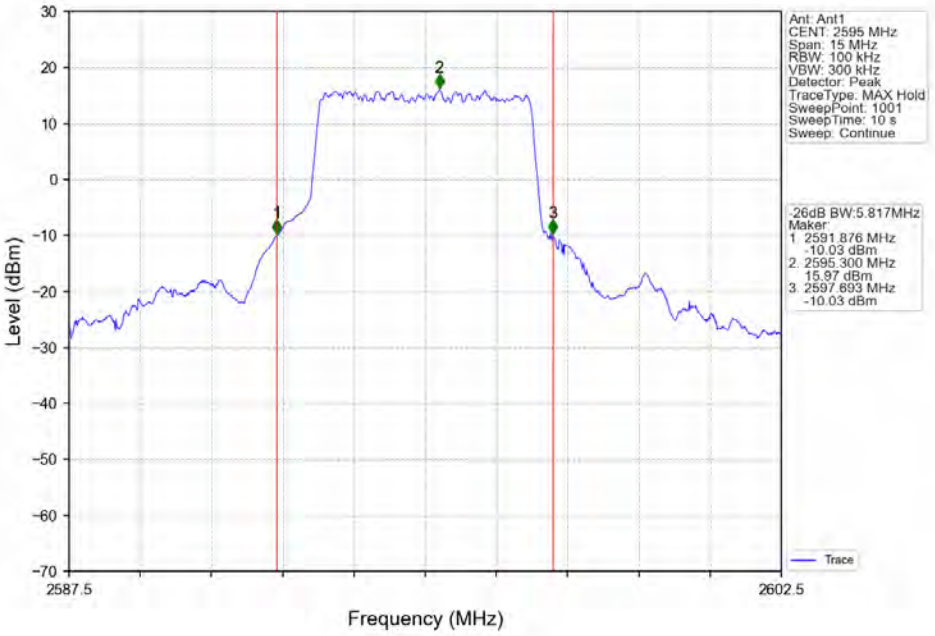


3.2 Band38_XDB

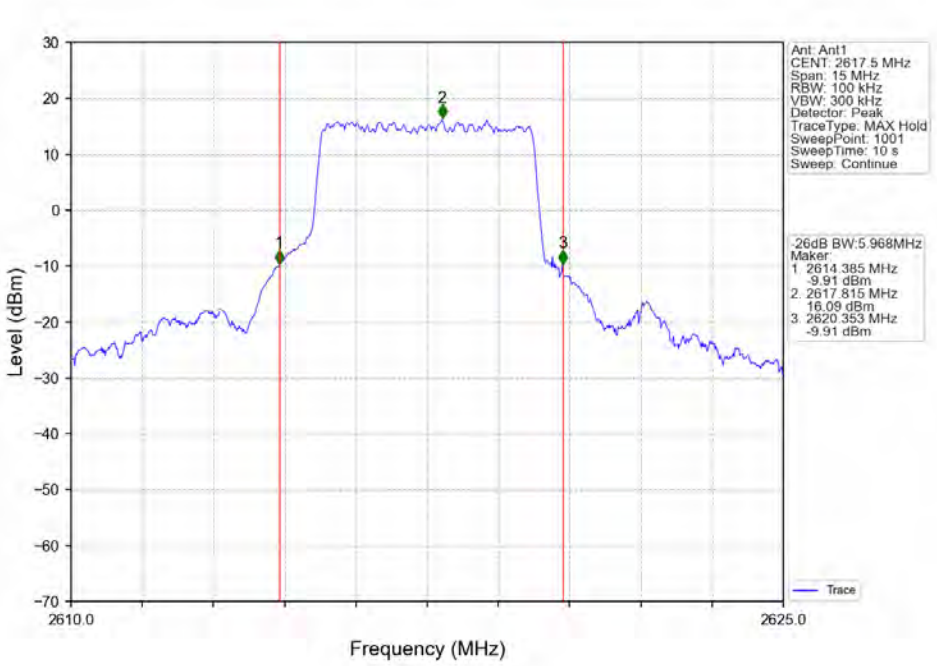
3.2.1 Test Result

Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.830	/	Pass
		2595	25	0	5.817	/	Pass
		2617.5	25	0	5.968	/	Pass
	16QAM	2572.5	25	0	5.312	/	Pass
		2595	25	0	5.487	/	Pass
		2617.5	25	0	5.315	/	Pass
	64QAM	2572.5	25	0	5.882	/	Pass
		2595	25	0	5.638	/	Pass
		2617.5	25	0	5.492	/	Pass
10	QPSK	2575	50	0	10.676	/	Pass
		2595	50	0	10.607	/	Pass
		2615	50	0	10.612	/	Pass
	16QAM	2575	50	0	11.524	/	Pass
		2595	50	0	11.564	/	Pass
		2615	50	0	11.467	/	Pass
	64QAM	2575	50	0	11.535	/	Pass
		2595	50	0	11.445	/	Pass
		2615	50	0	11.476	/	Pass
15	QPSK	2577.5	75	0	15.300	/	Pass
		2595	75	0	17.032	/	Pass
		2612.5	75	0	16.889	/	Pass
	16QAM	2577.5	75	0	14.770	/	Pass
		2595	75	0	14.789	/	Pass
		2612.5	75	0	14.760	/	Pass
	64QAM	2577.5	75	0	17.408	/	Pass
		2595	75	0	17.546	/	Pass
		2612.5	75	0	17.590	/	Pass
20	QPSK	2580	100	0	21.052	/	Pass
		2595	100	0	23.980	/	Pass
		2610	100	0	24.023	/	Pass
	16QAM	2580	100	0	22.695	/	Pass
		2595	100	0	22.652	/	Pass
		2610	100	0	22.644	/	Pass
	64QAM	2580	100	0	22.800	/	Pass
		2595	100	0	22.922	/	Pass
		2610	100	0	23.363	/	Pass

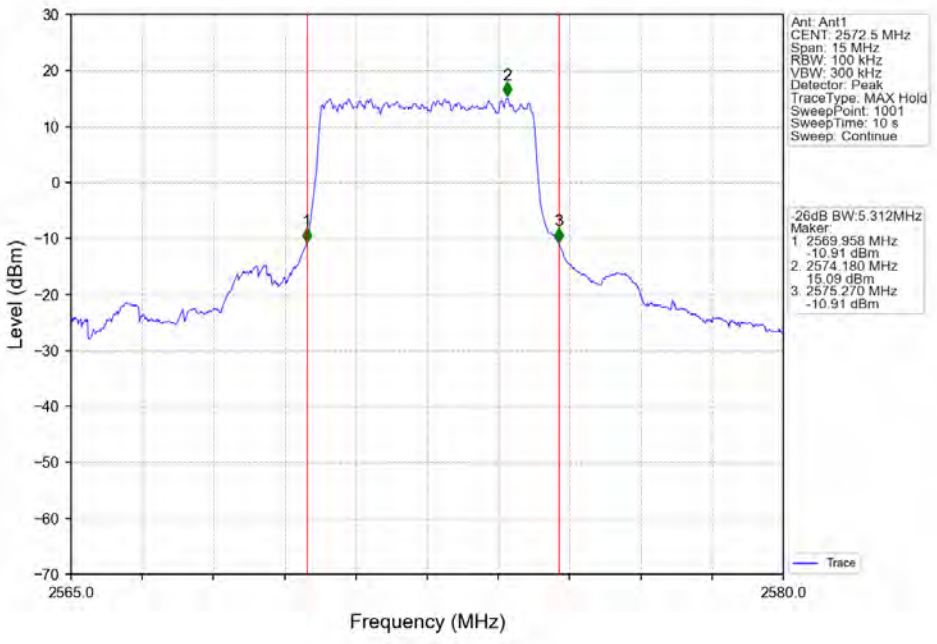
3.2.2 Test Graph

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV


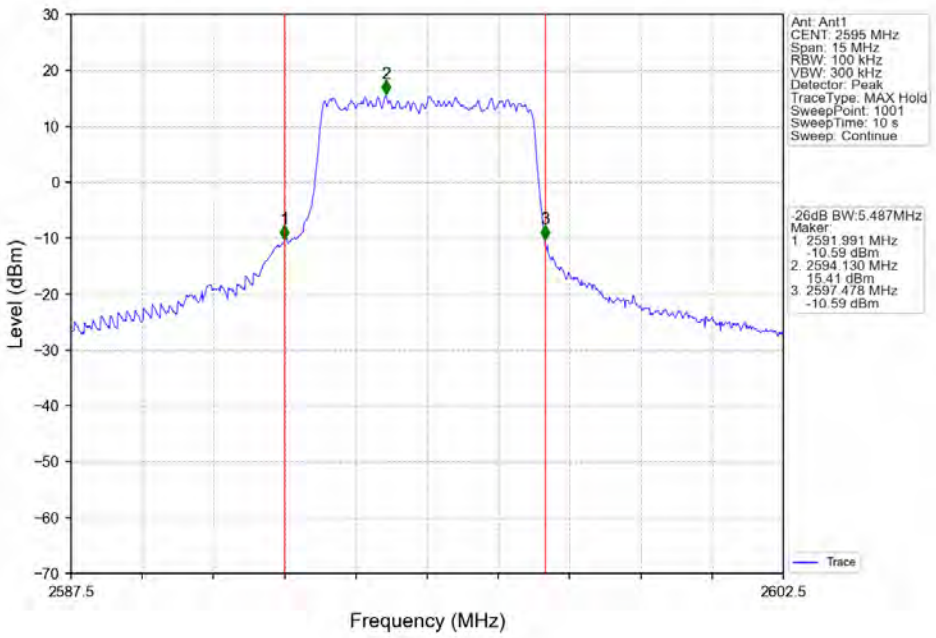
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



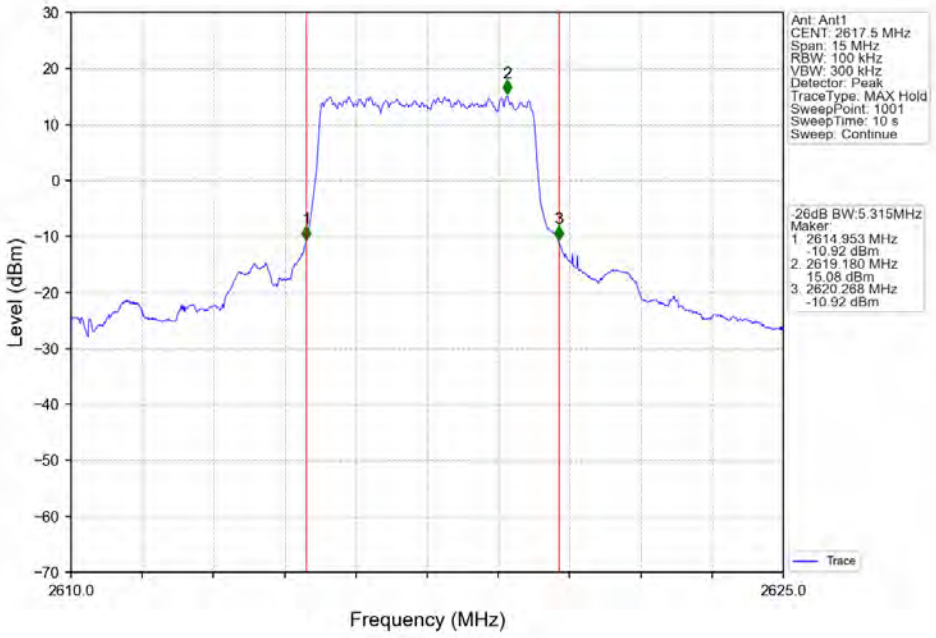
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



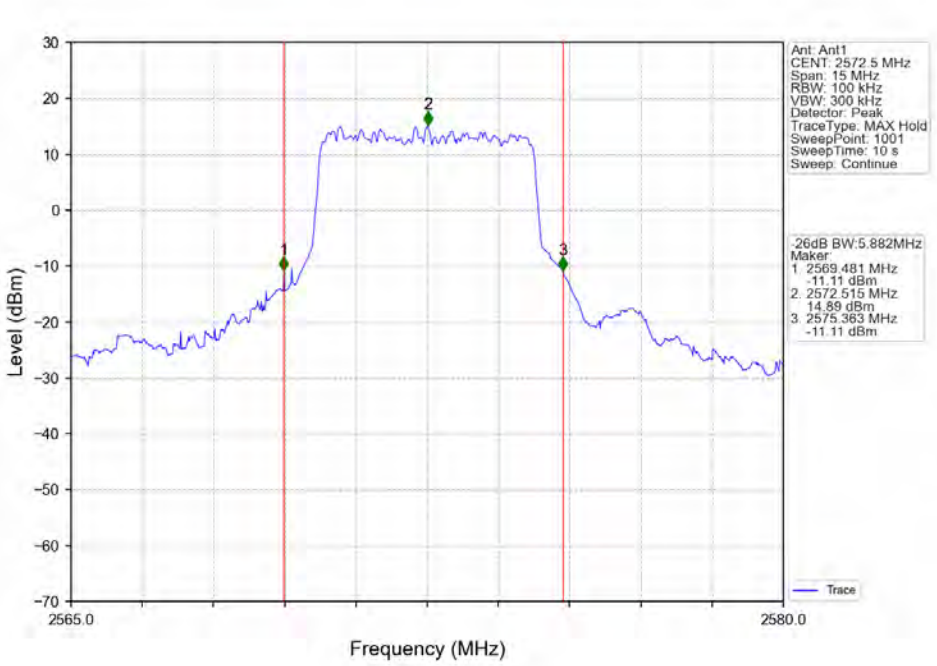
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



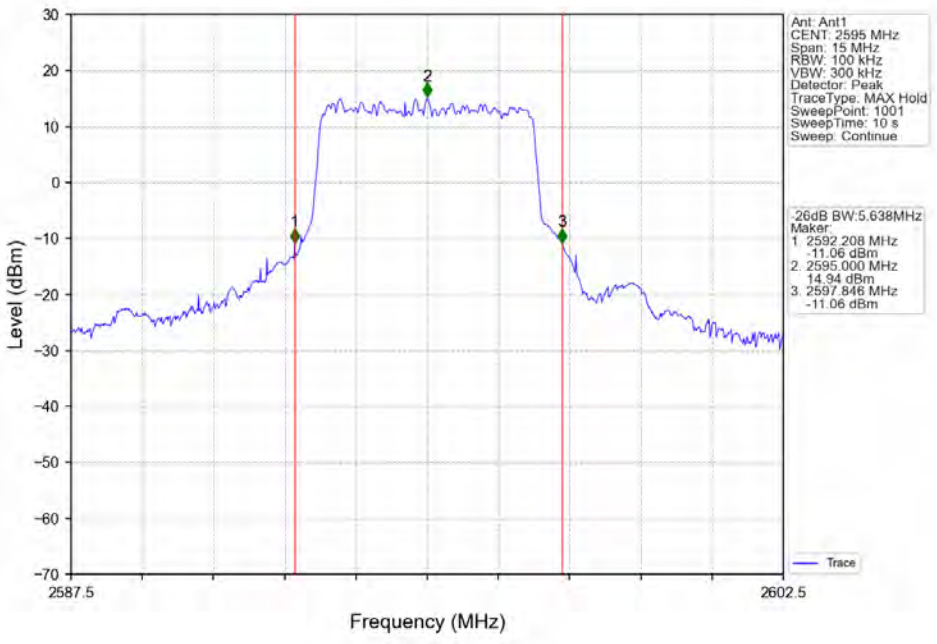
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



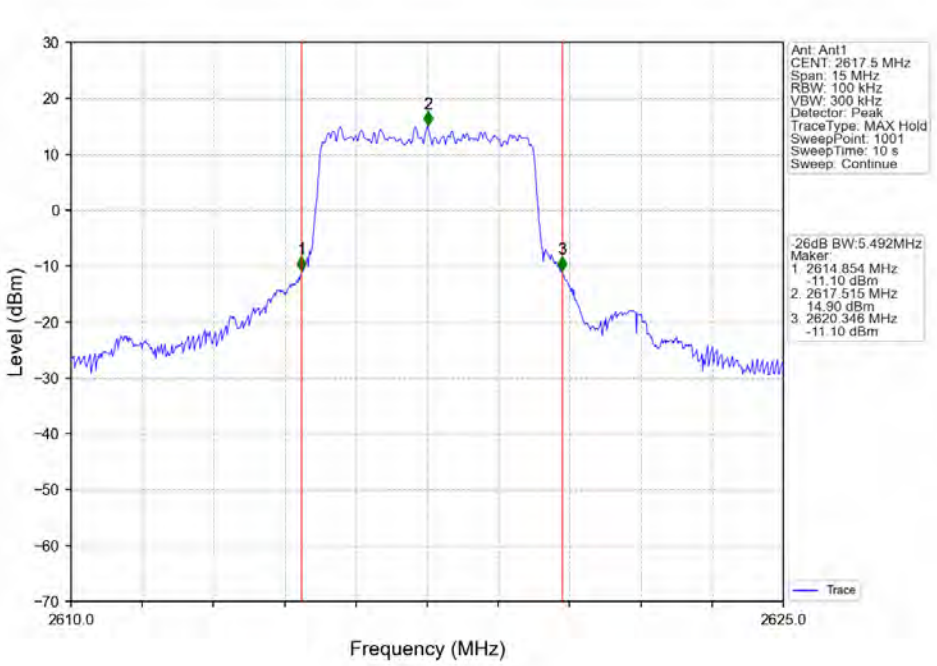
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



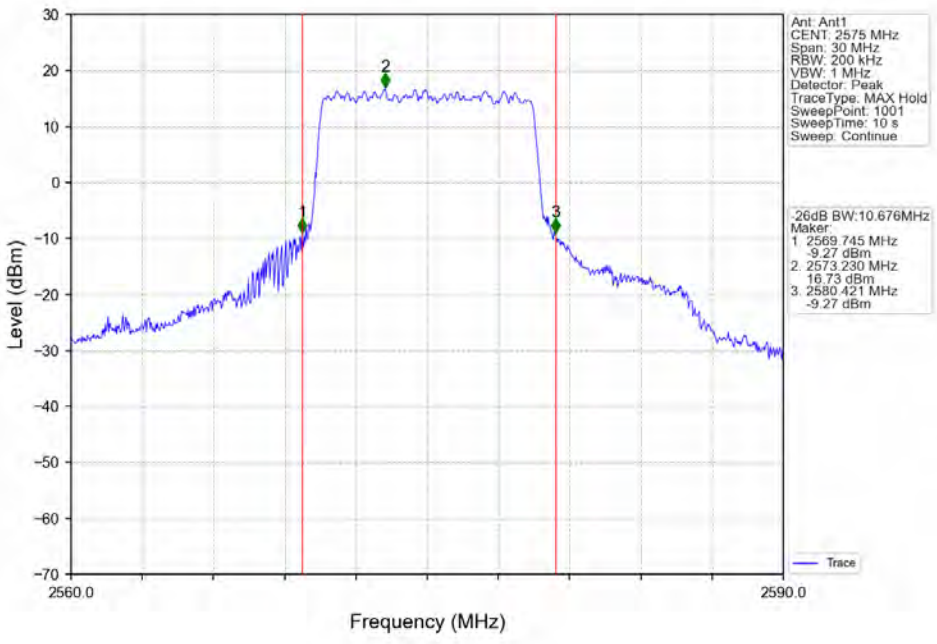
Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



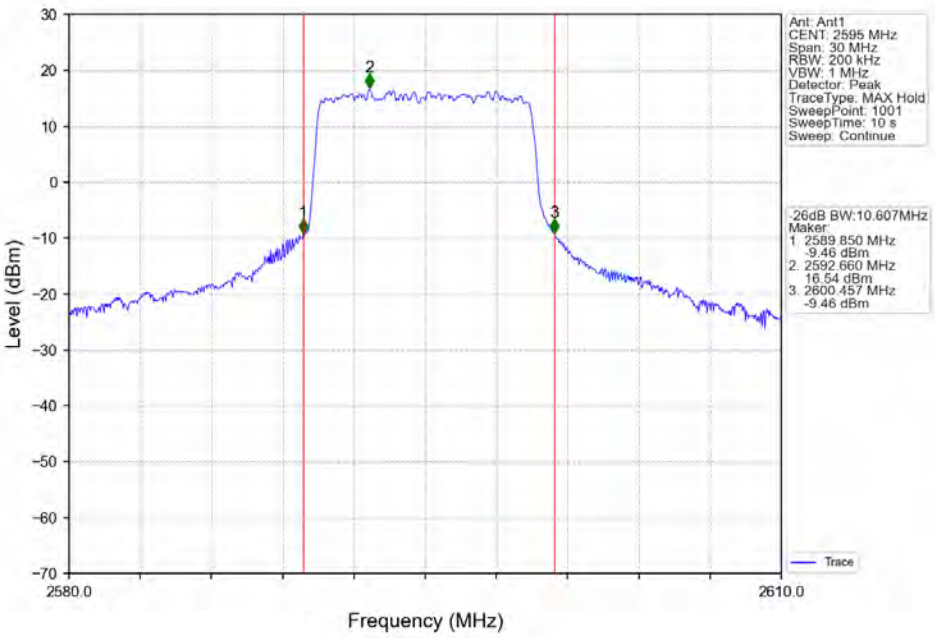
Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



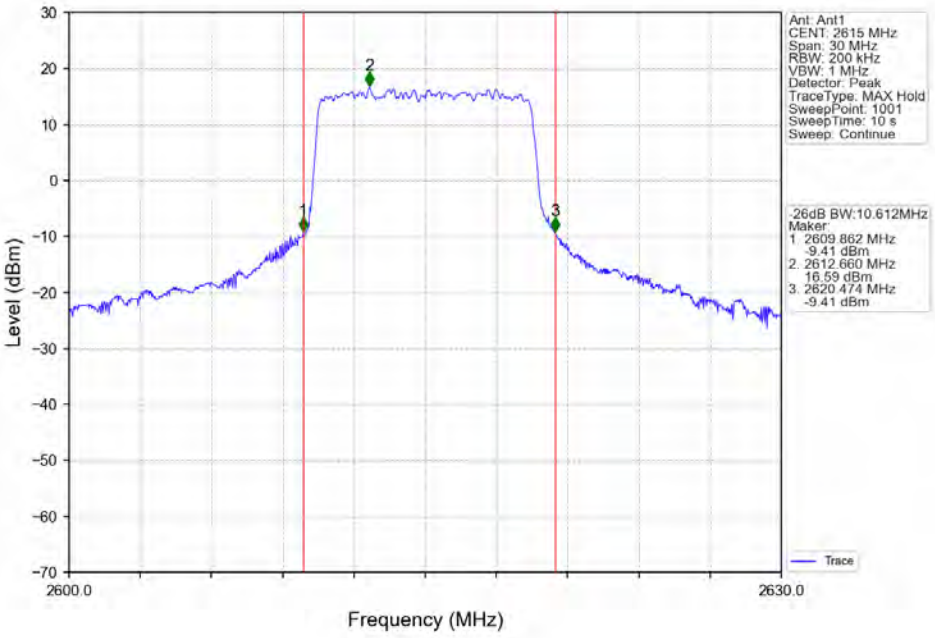
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



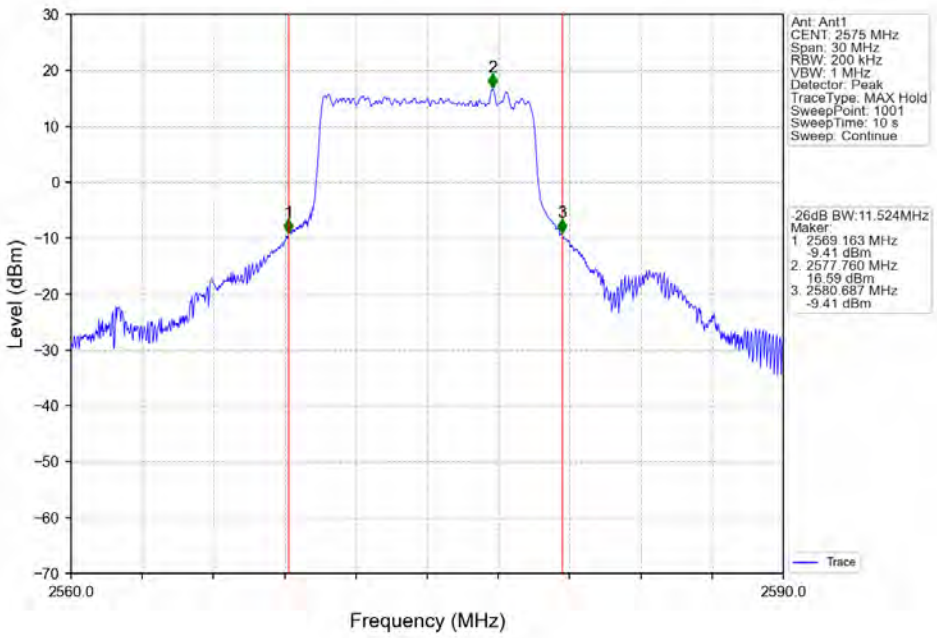
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



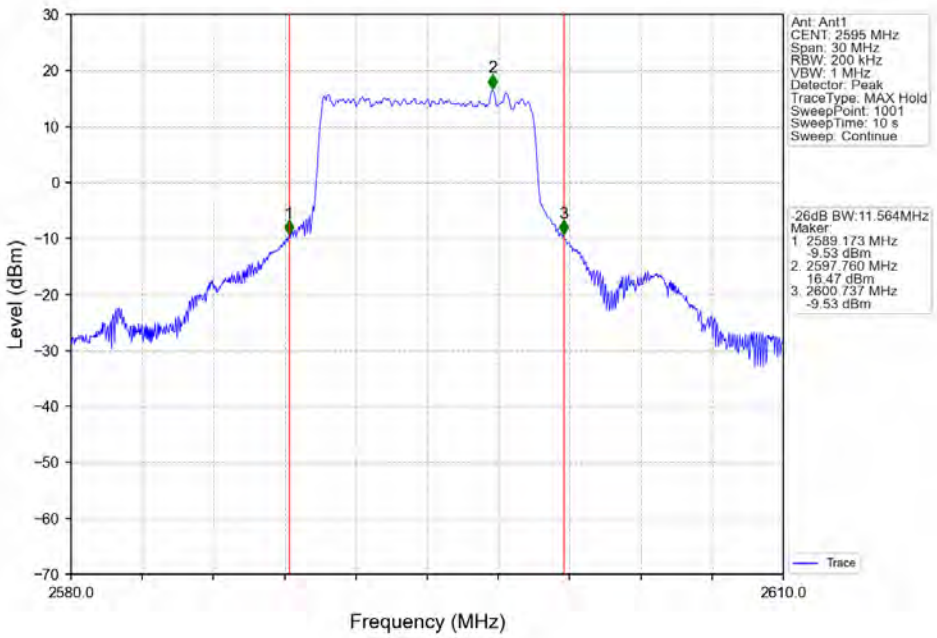
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



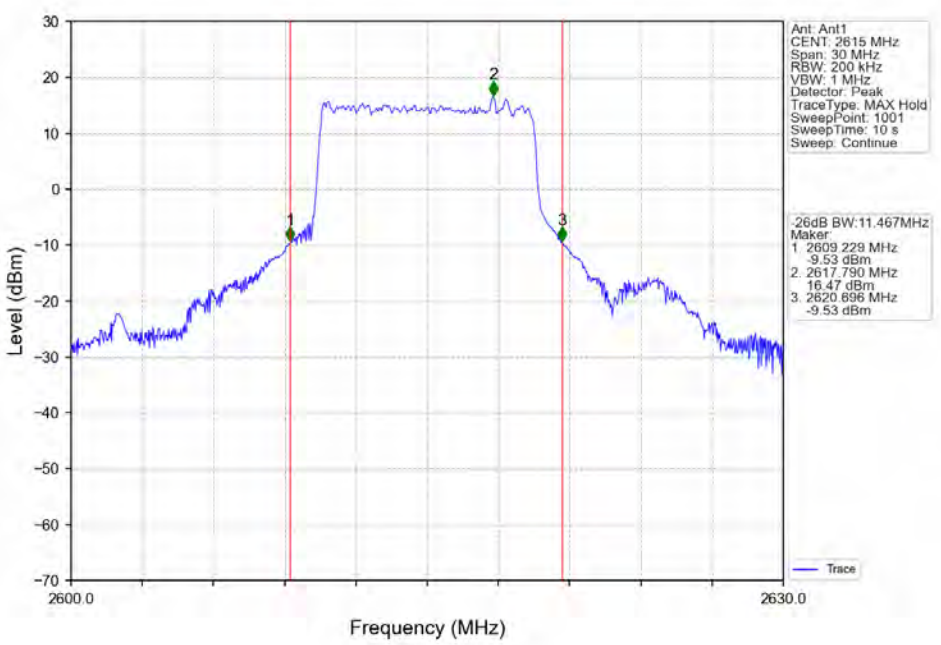
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



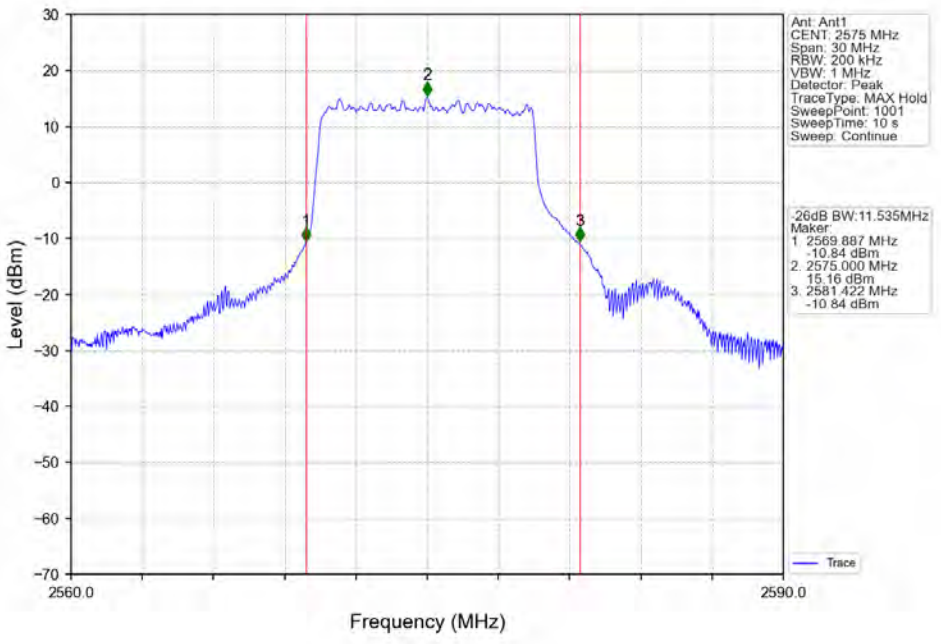
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



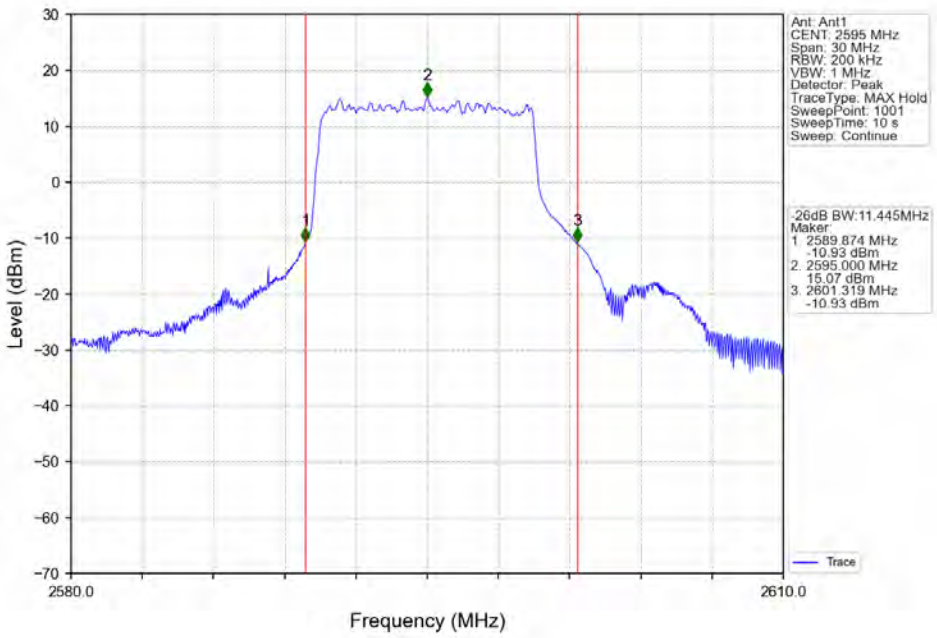
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



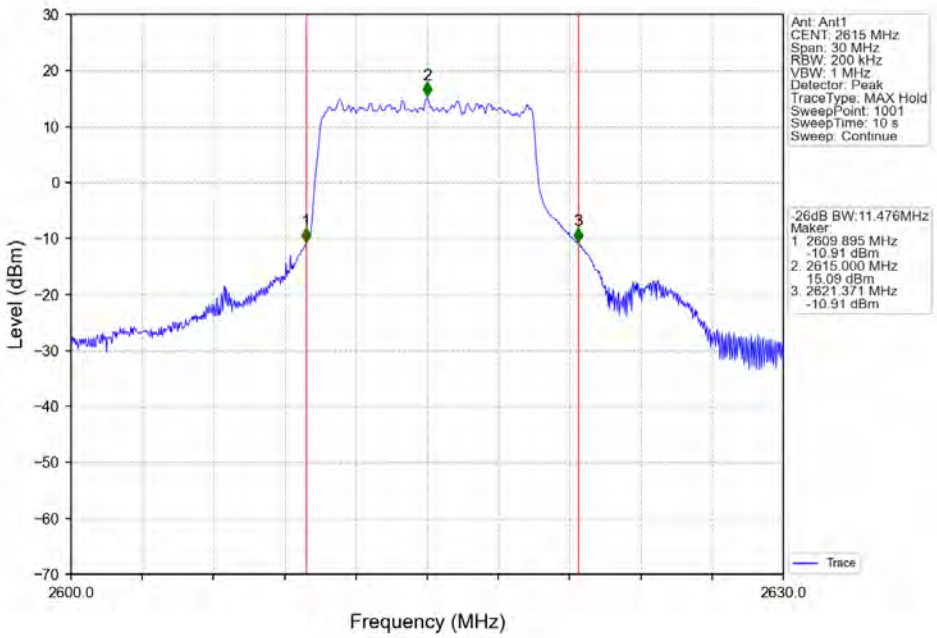
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



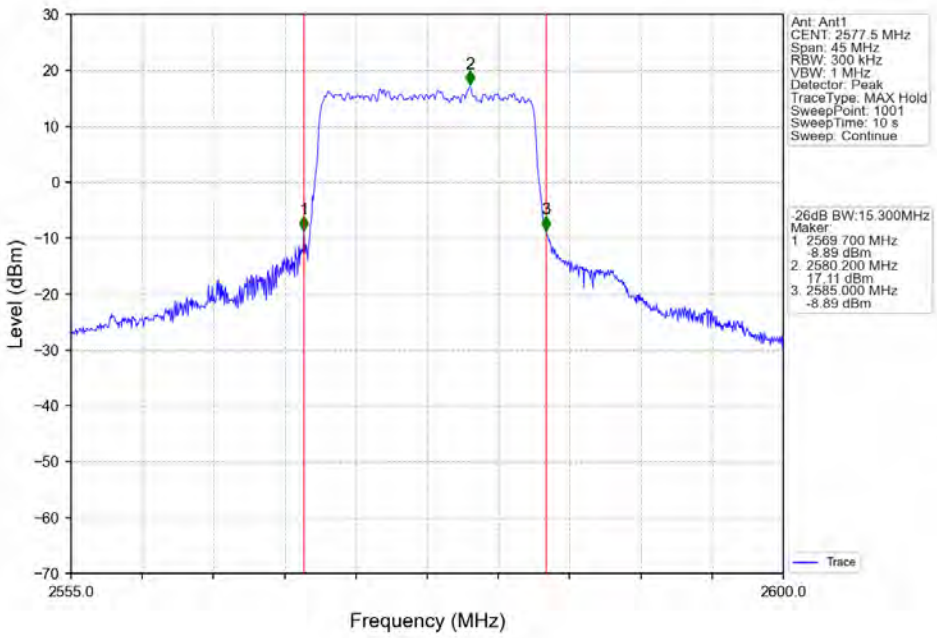
Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



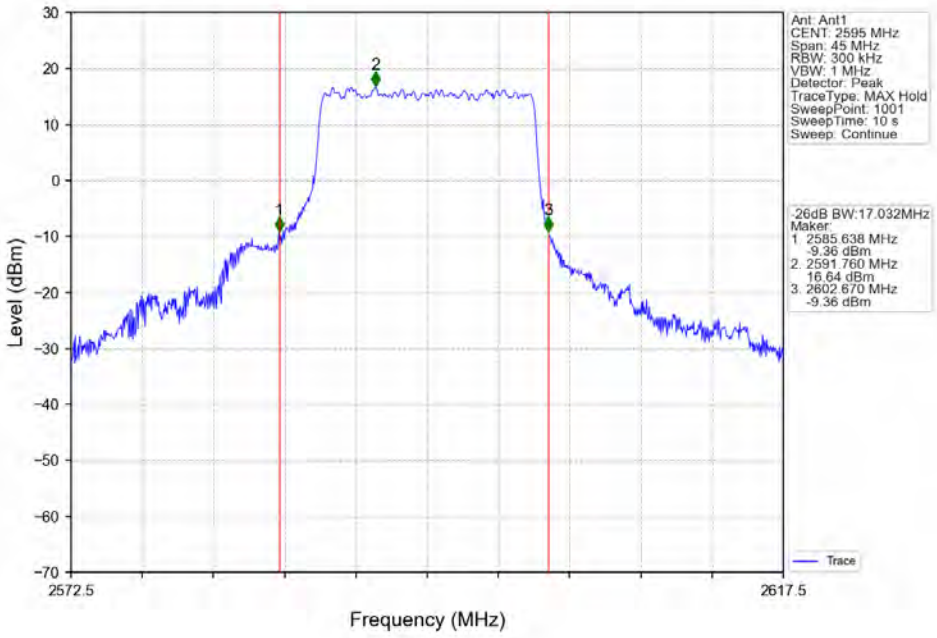
Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



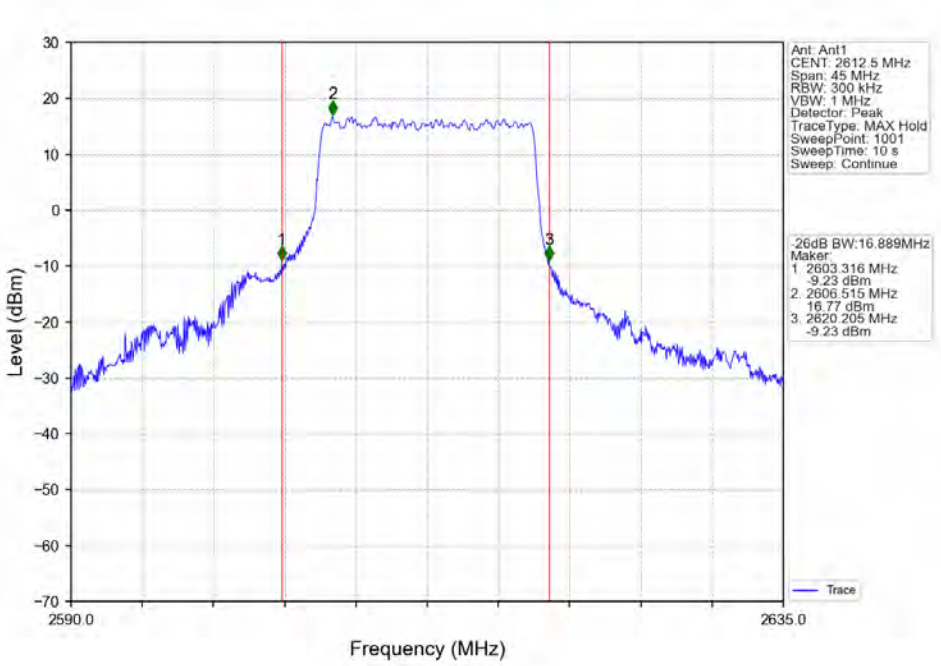
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



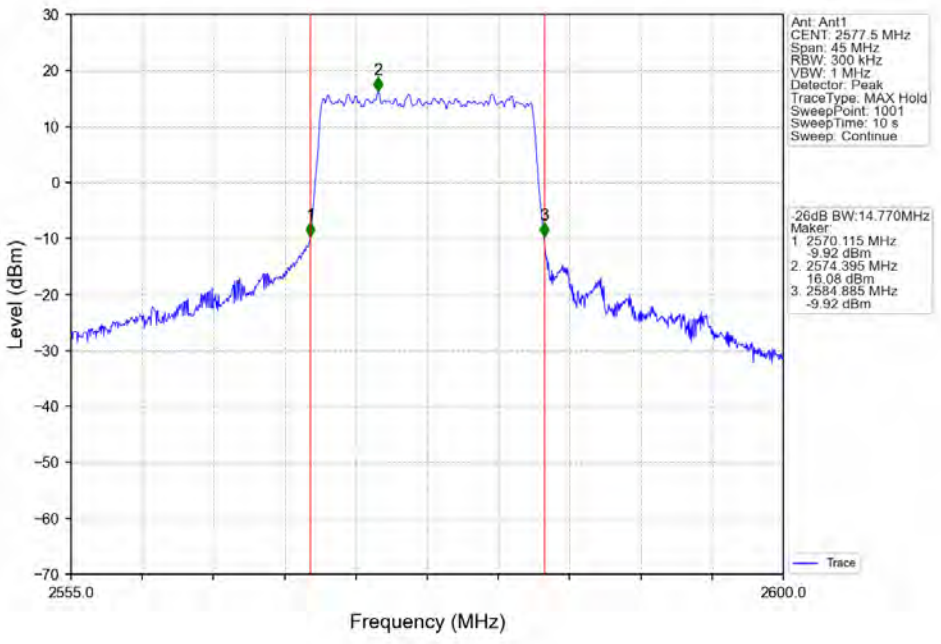
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



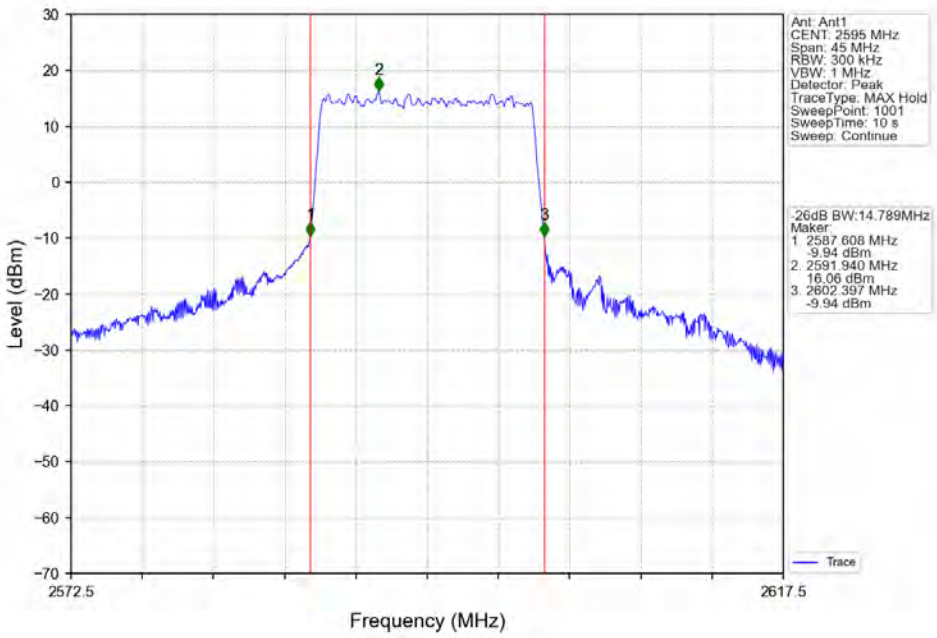
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



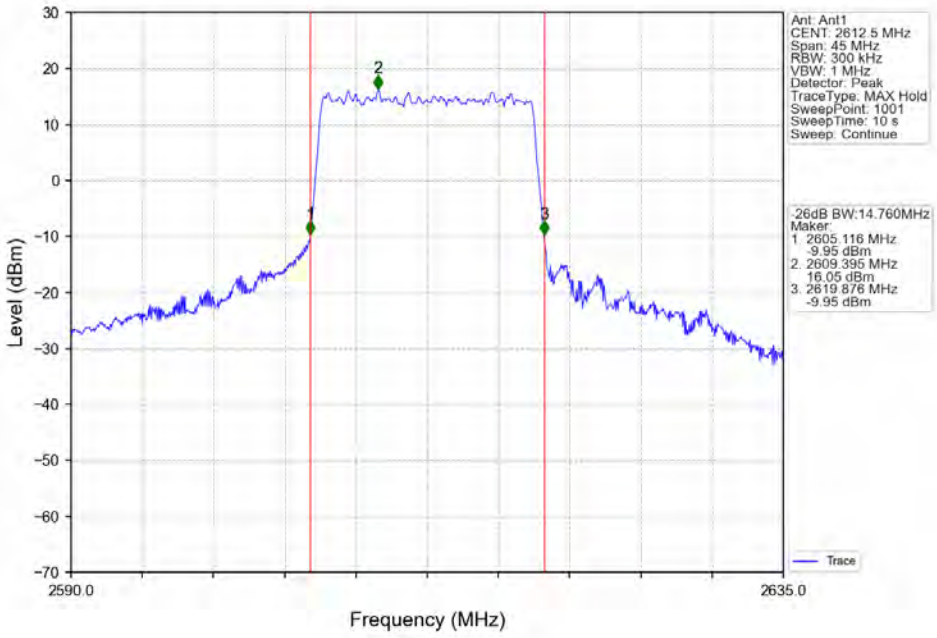
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



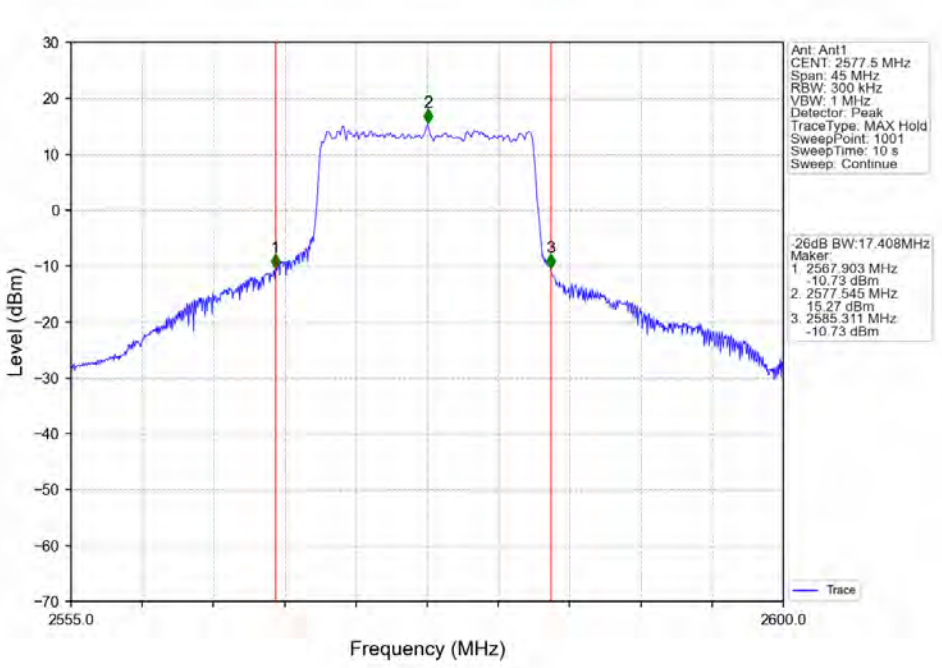
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



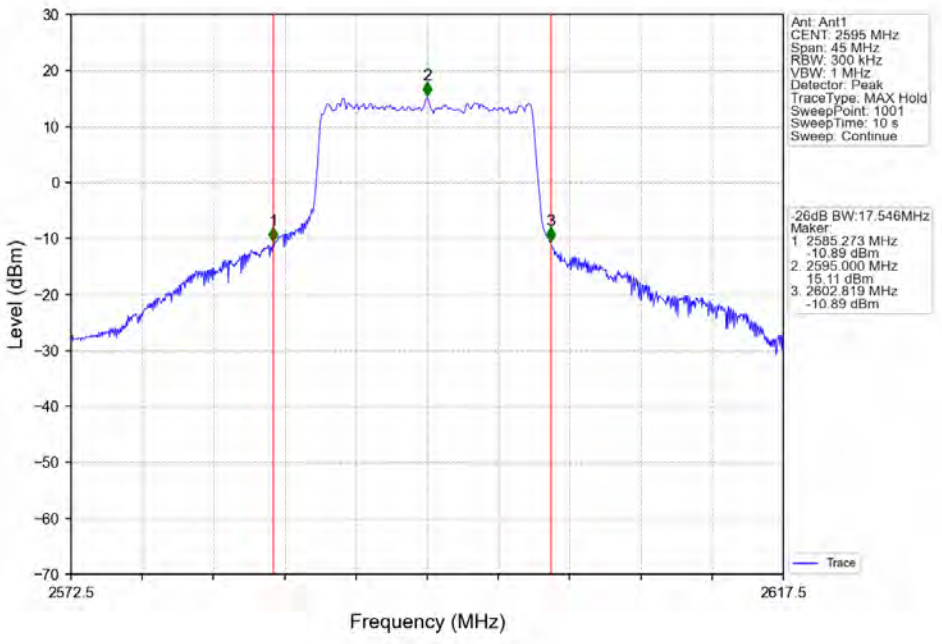
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV

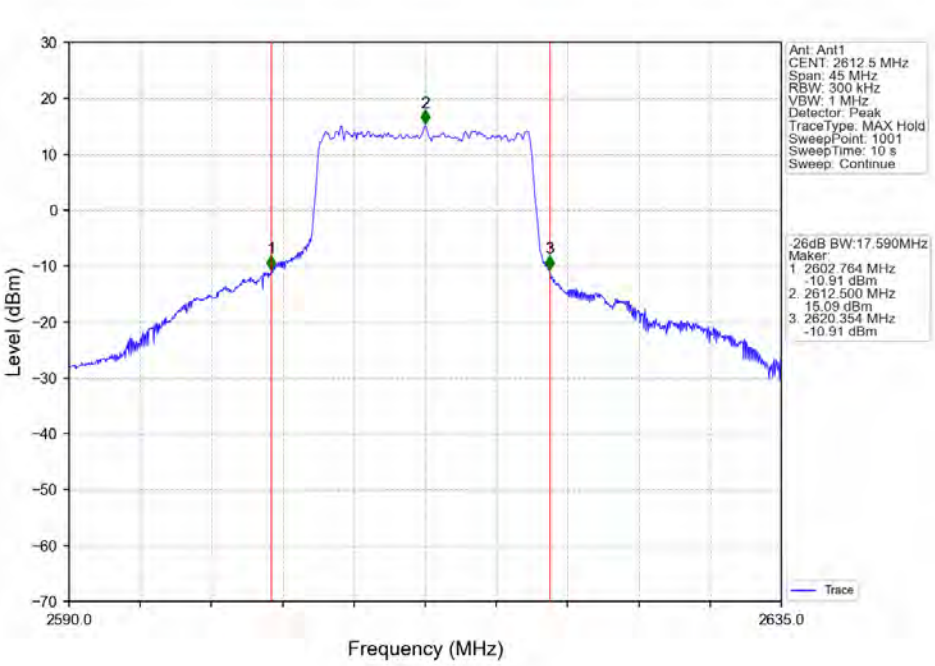


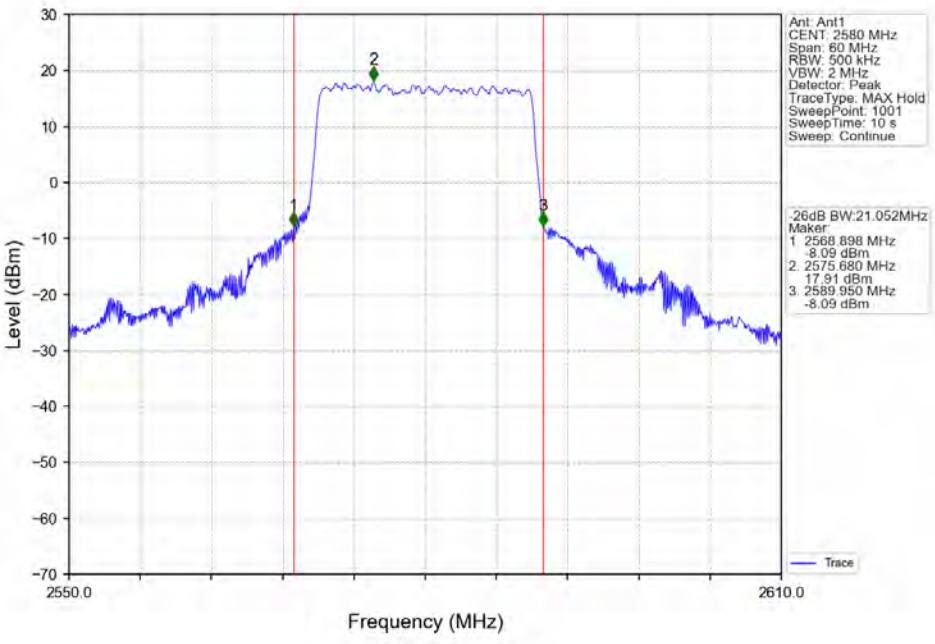
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



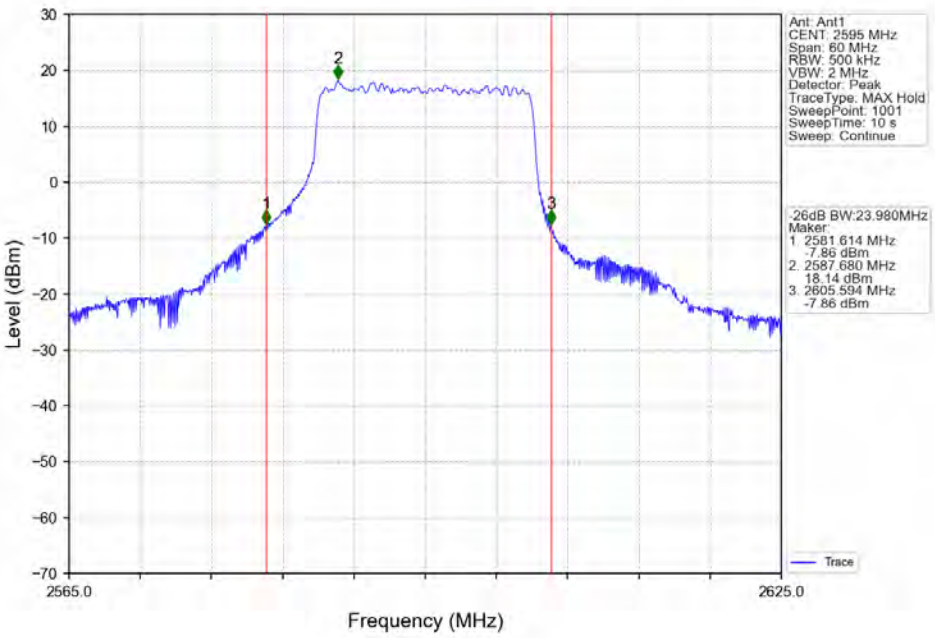
Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



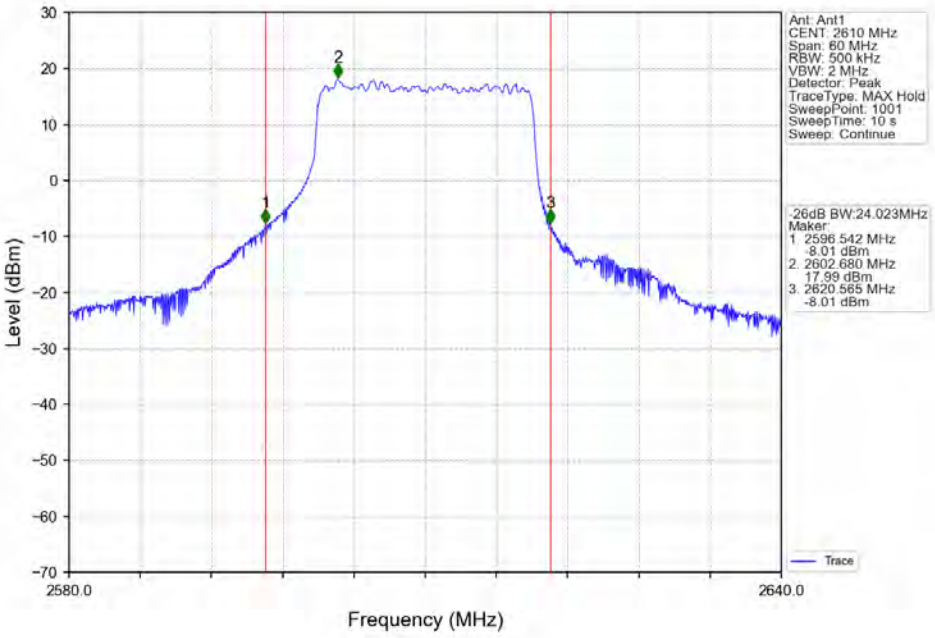
Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV


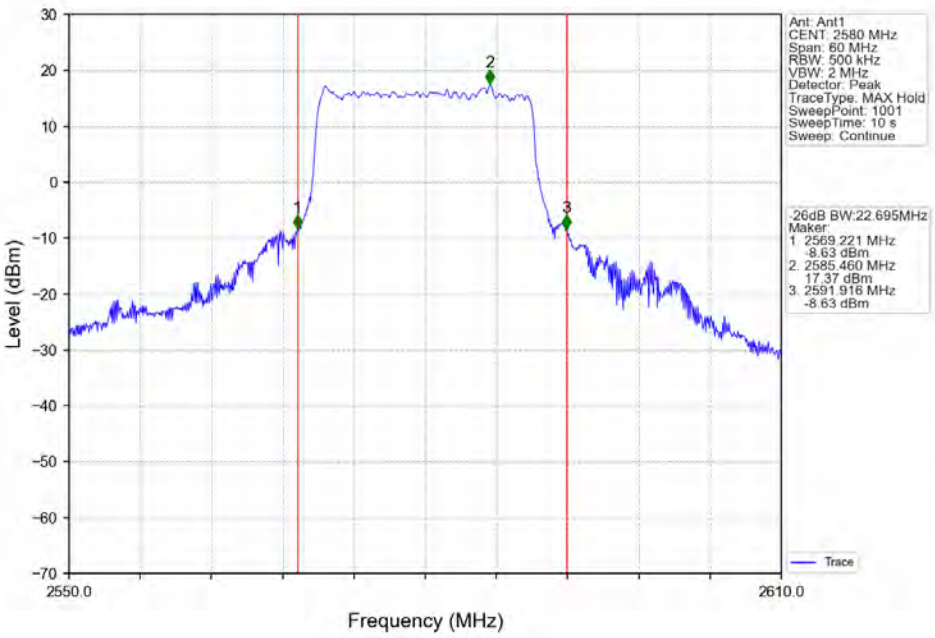
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



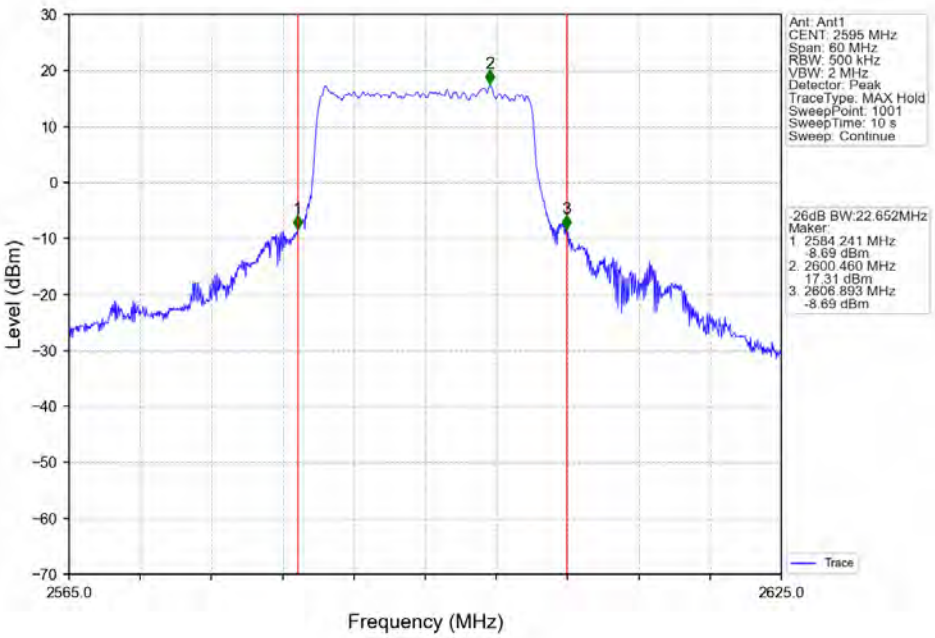
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



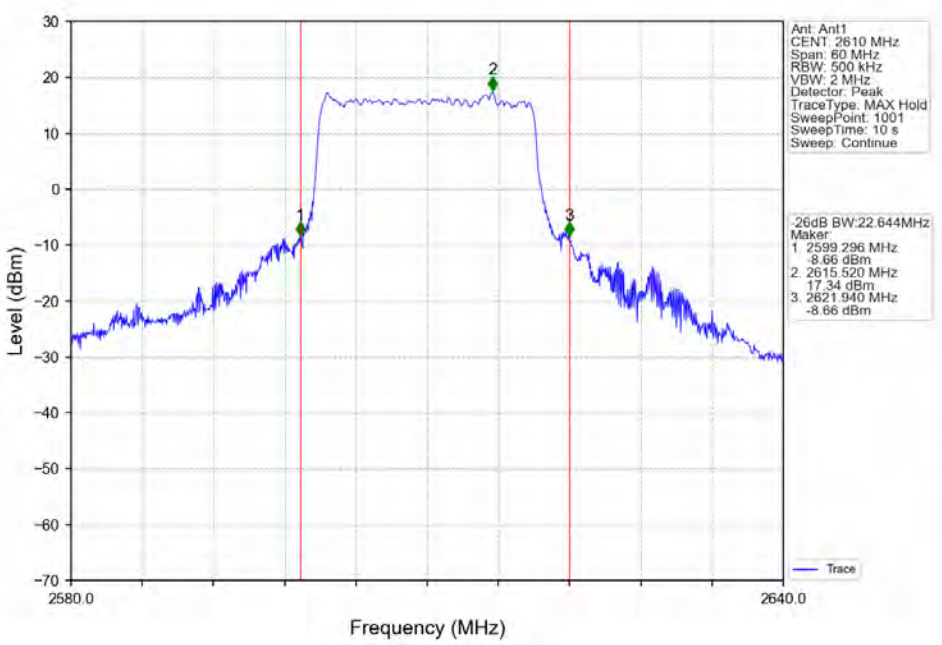
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



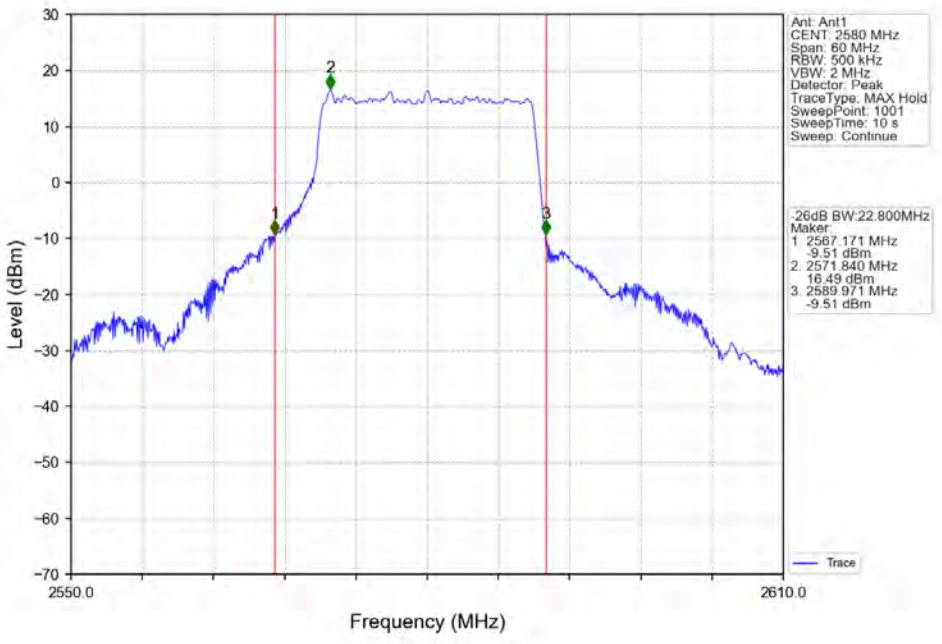
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



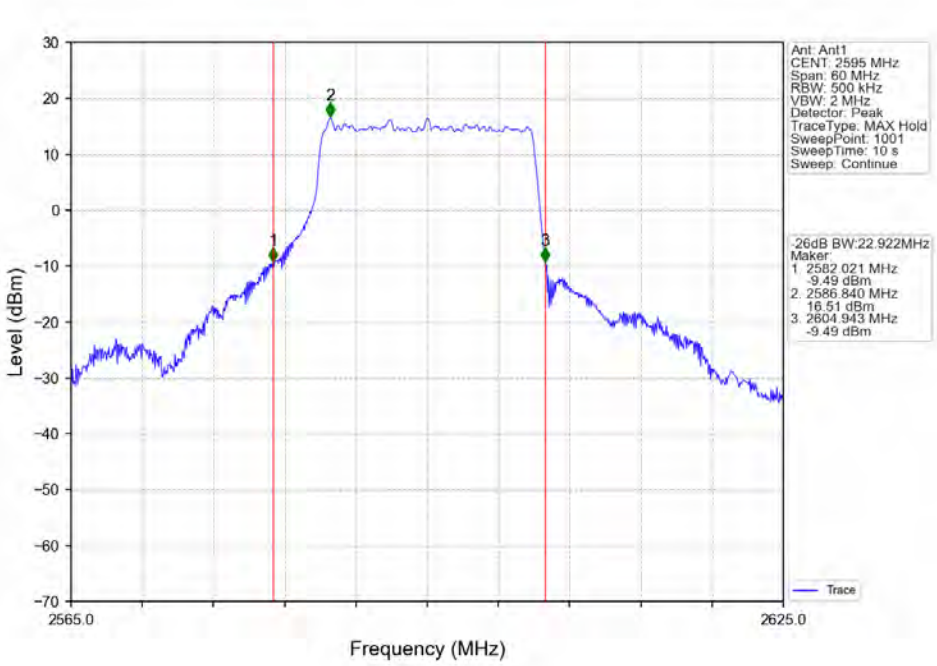
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



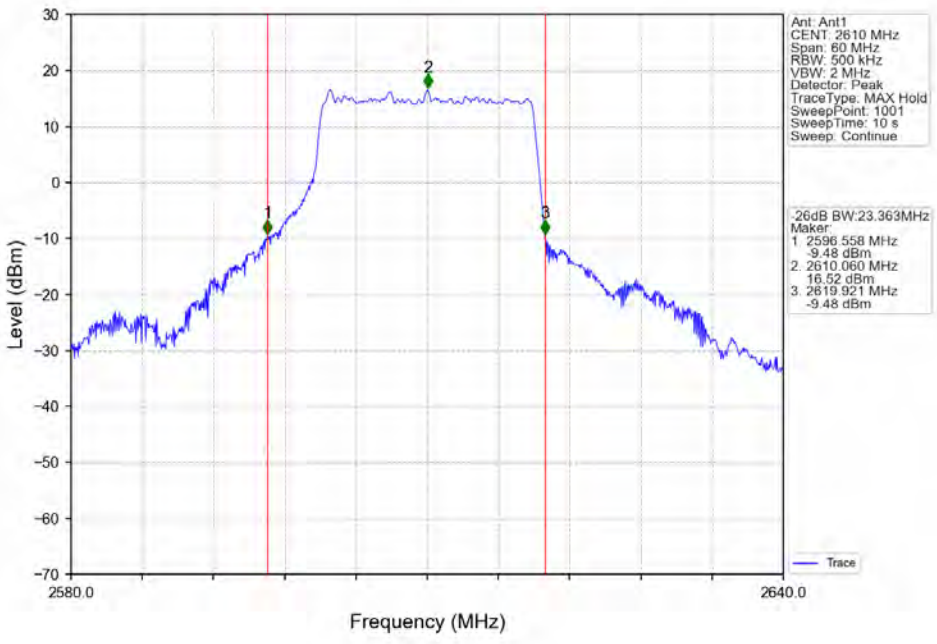
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



4. Peak-Average Ratio

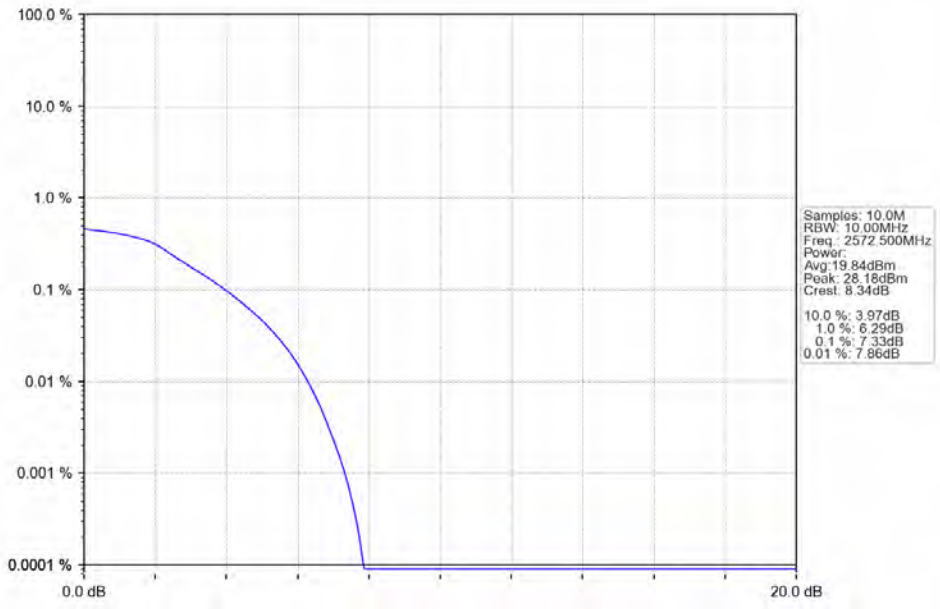
4.1 B38_5MHz

4.1.1 Test Result

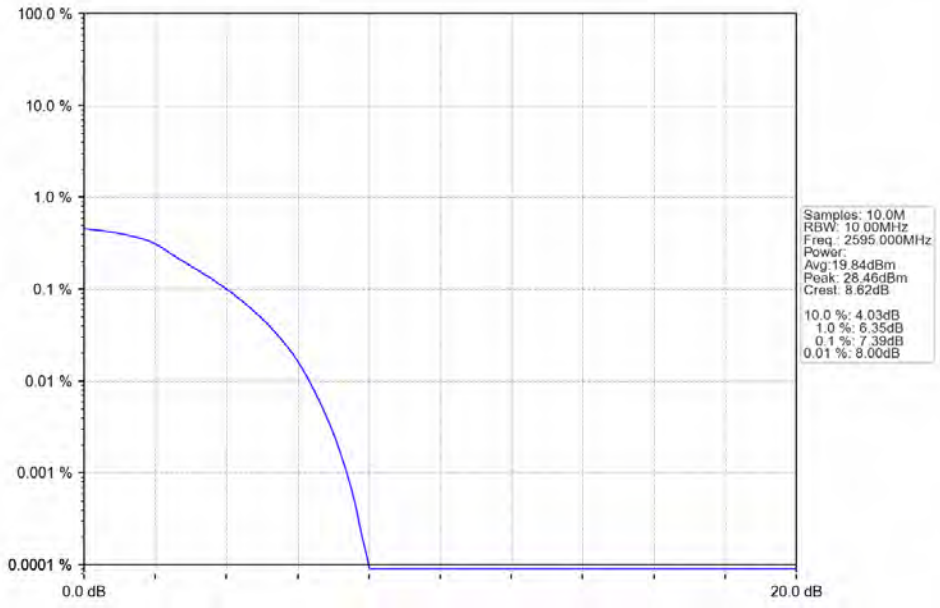
Band: 38 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2572.5	25	0	7.33	<=13	Pass
	2595	25	0	7.39	<=13	Pass
	2617.5	25	0	7.39	<=13	Pass
16QAM	2572.5	25	0	8.12	<=13	Pass
	2595	25	0	8.12	<=13	Pass
	2617.5	25	0	8.09	<=13	Pass
64QAM	2572.5	25	0	8.52	<=13	Pass
	2595	25	0	8.49	<=13	Pass
	2617.5	25	0	8.52	<=13	Pass

4.1.2 Test Graph

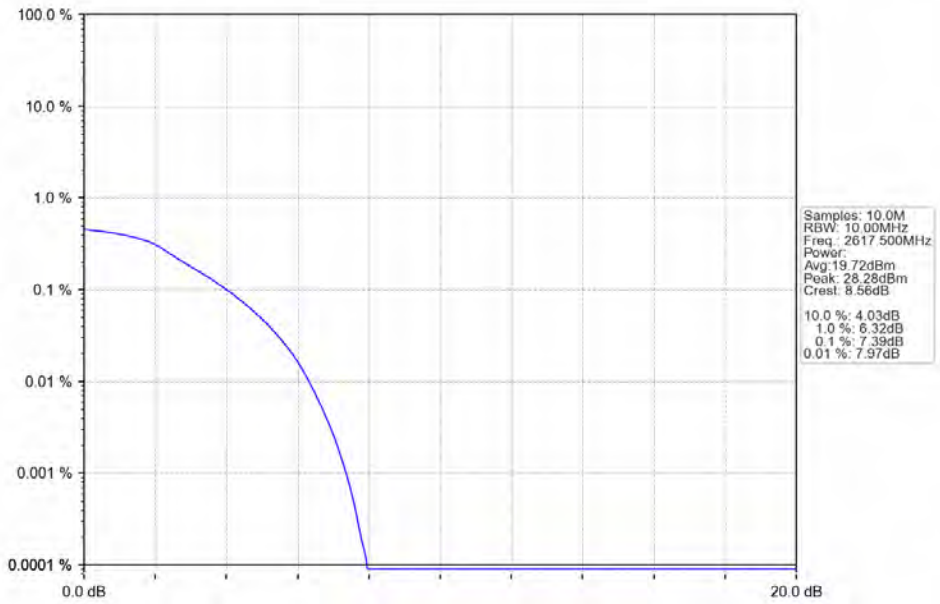
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



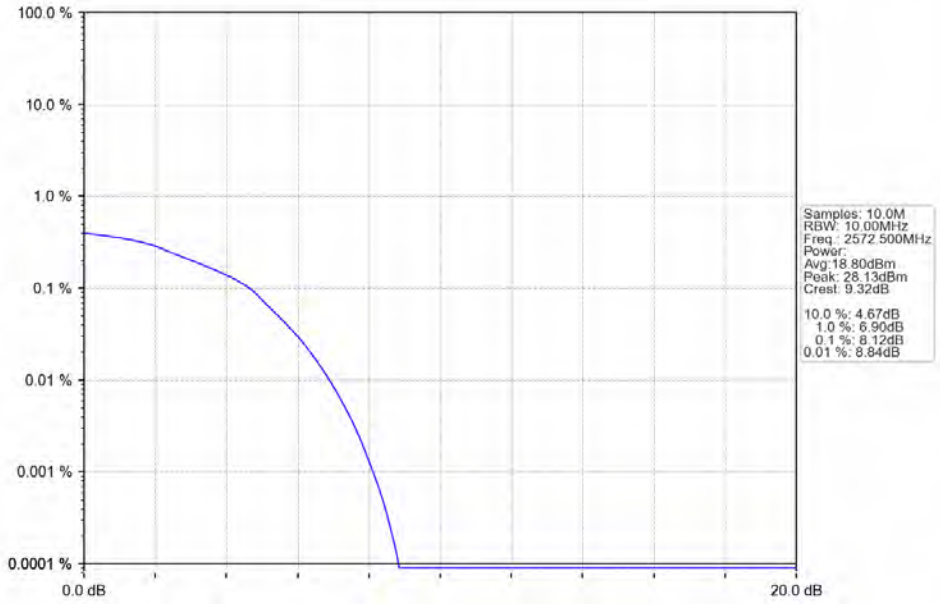
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



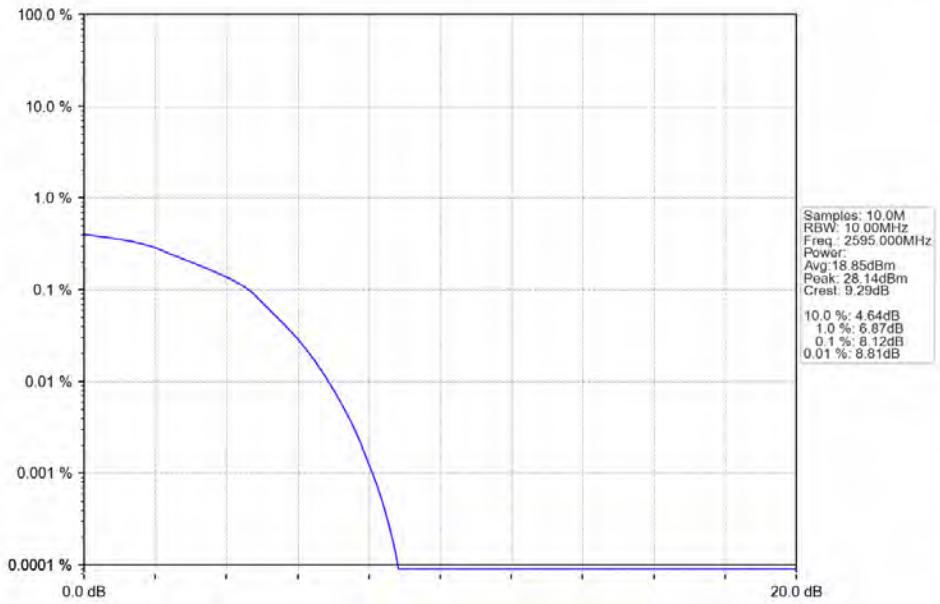
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



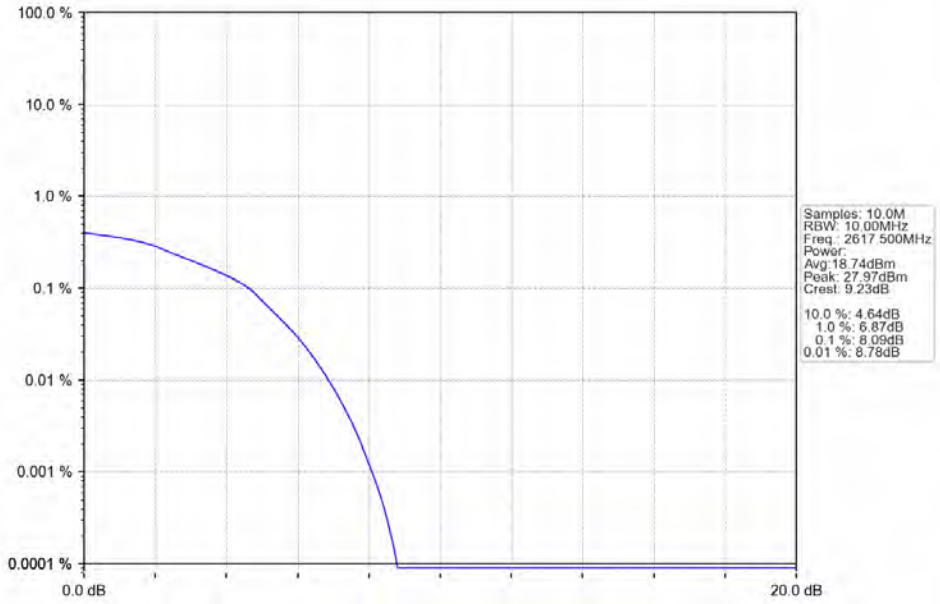
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



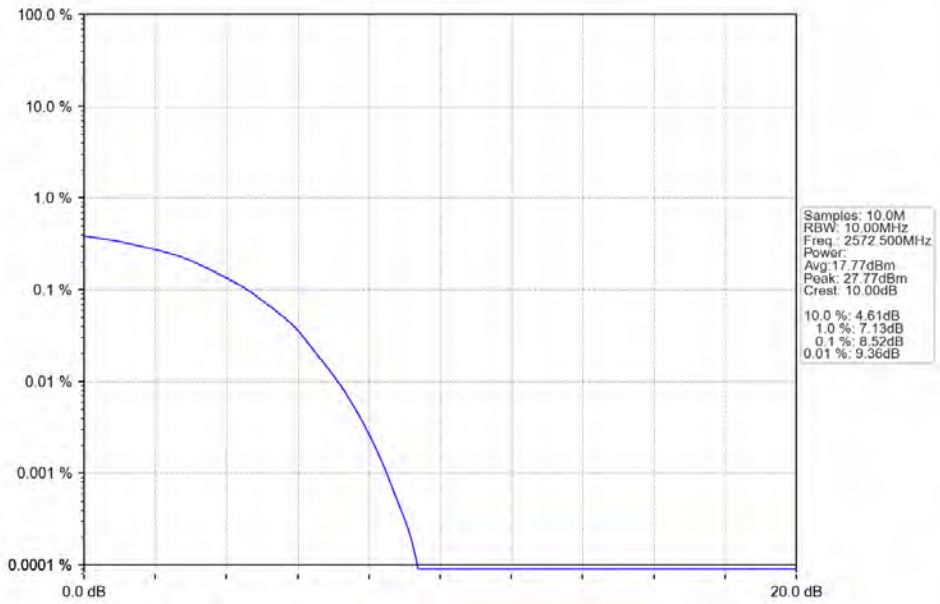
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



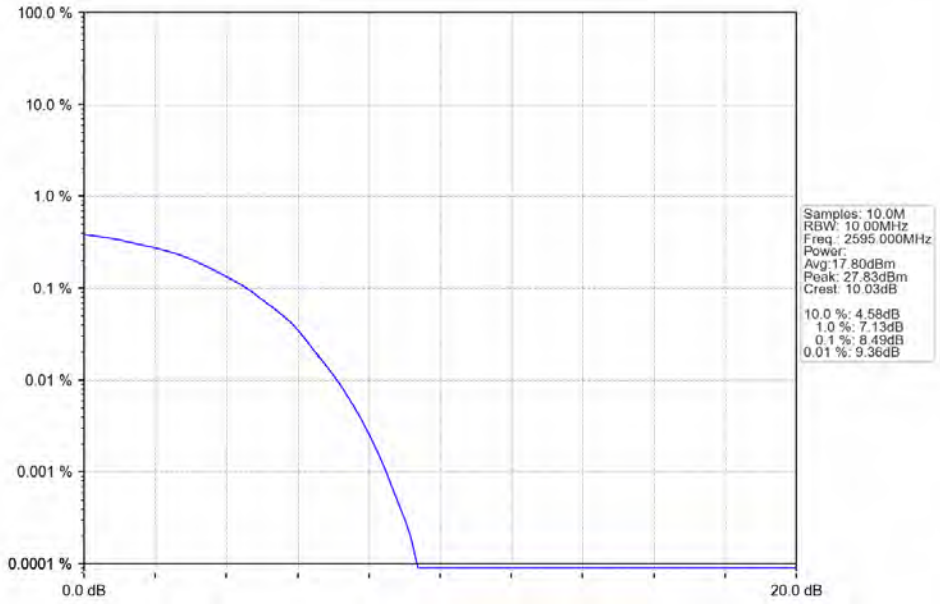
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



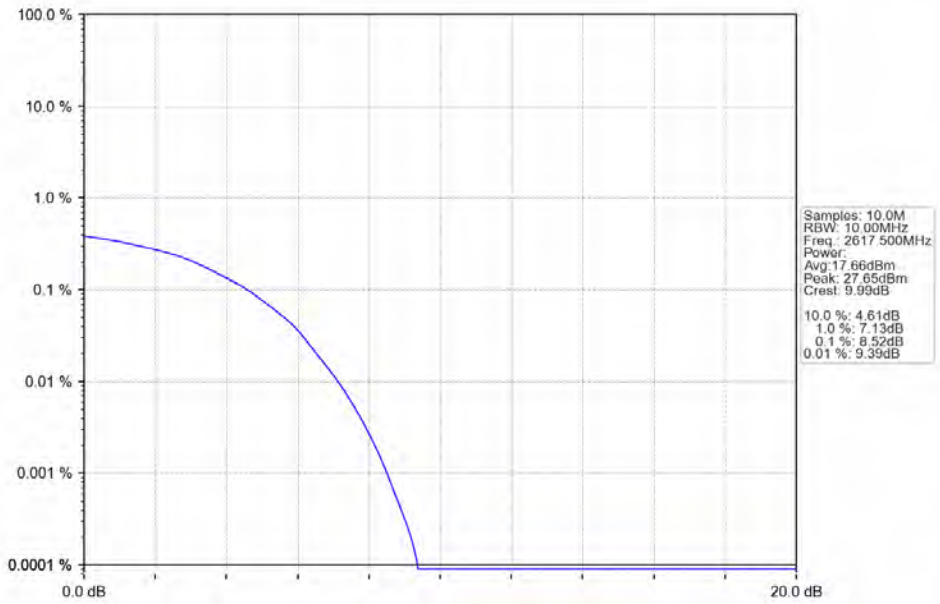
Band38_5MHz_64QAM_LCH_2572.5MHz_RB_25_0_NTNV



Band38_5MHz_64QAM_MCH_2595MHz_RB_25_0_NTNV



Band38_5MHz_64QAM_HCH_2617.5MHz_RB_25_0_NTNV



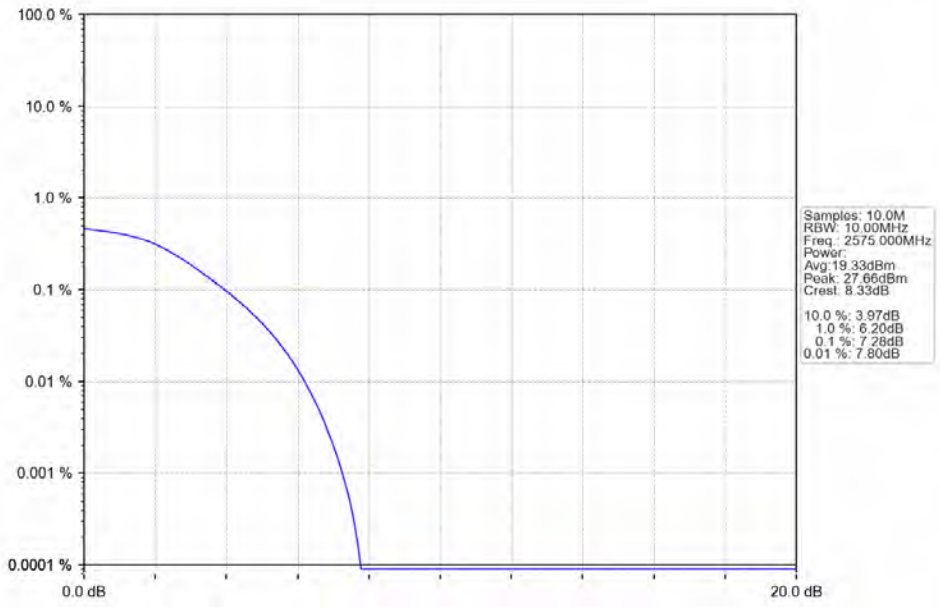
4.2 B38_10MHz

4.2.1 Test Result

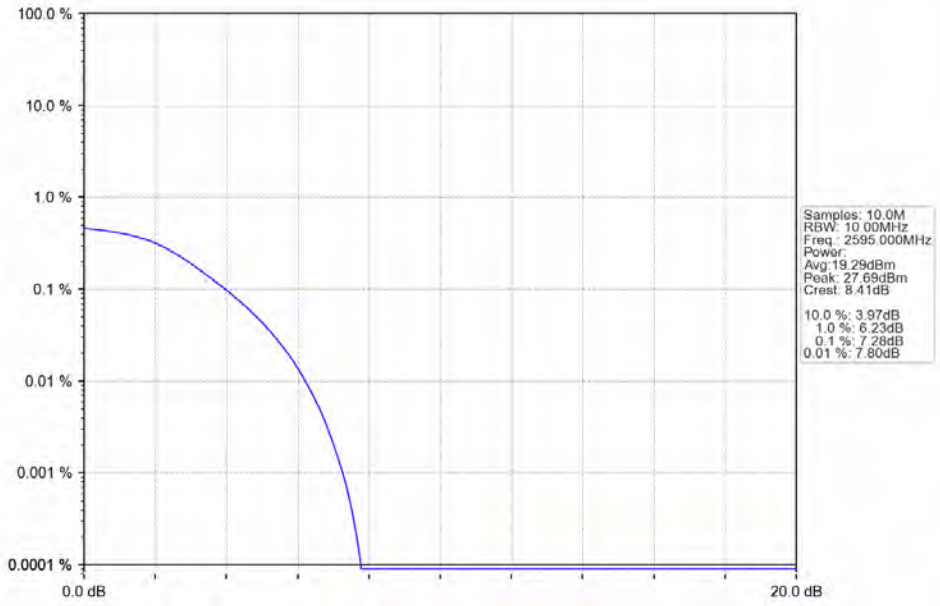
Band: 38 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2575	50	0	7.28	<=13	Pass
	2595	50	0	7.28	<=13	Pass
	2615	50	0	7.28	<=13	Pass
16QAM	2575	50	0	8.03	<=13	Pass
	2595	50	0	8.03	<=13	Pass
	2615	50	0	8.09	<=13	Pass
64QAM	2575	50	0	8.35	<=13	Pass
	2595	50	0	8.38	<=13	Pass
	2615	50	0	8.41	<=13	Pass

4.2.2 Test Graph

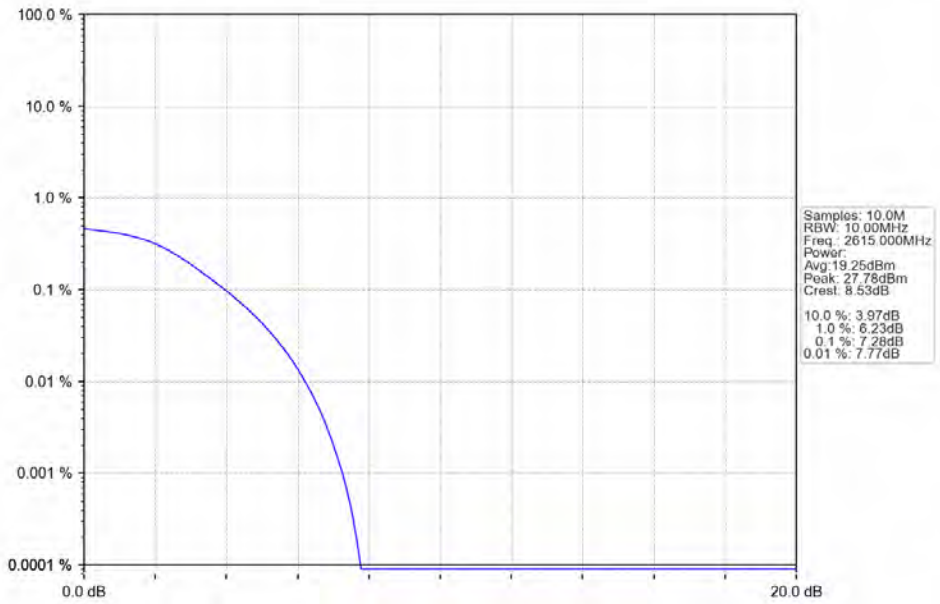
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



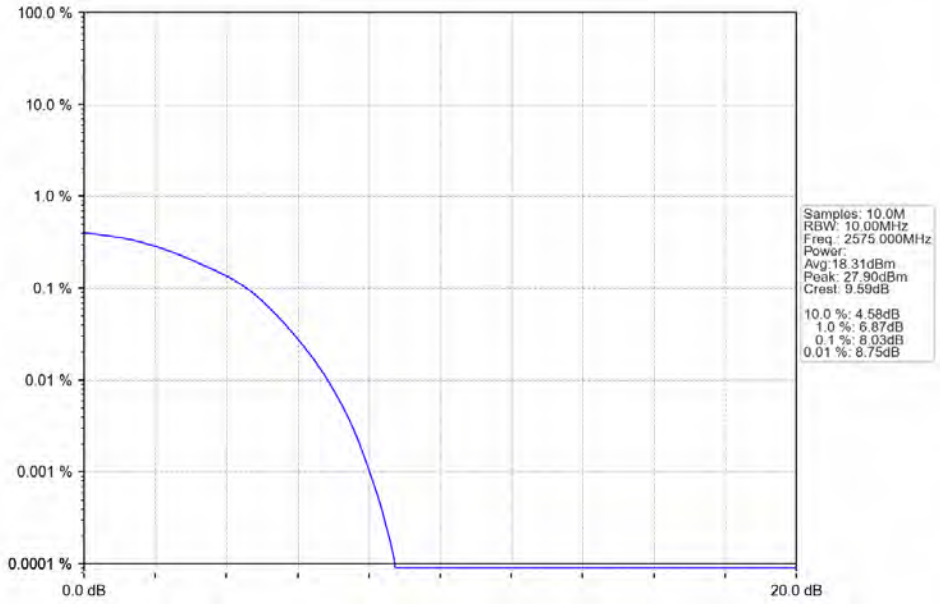
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



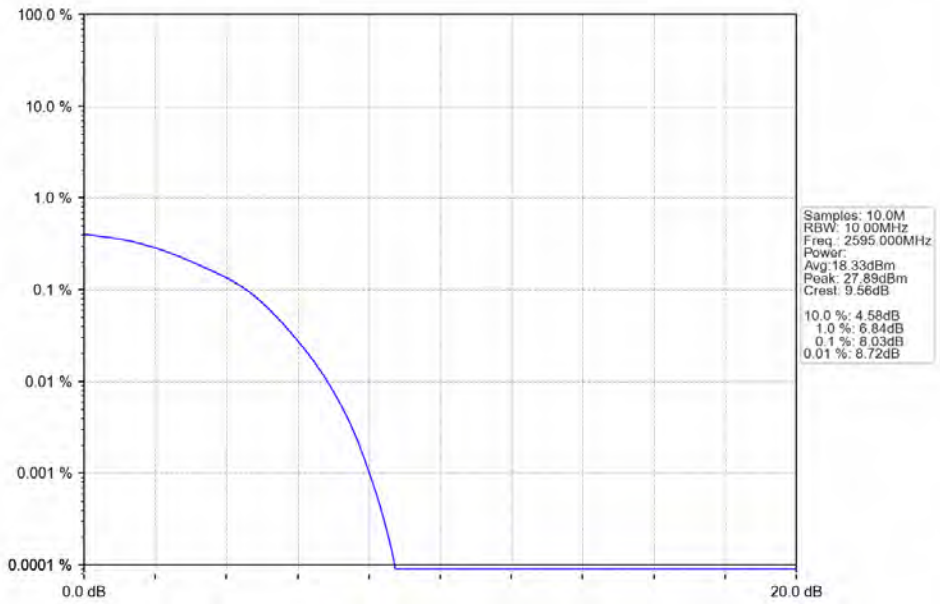
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



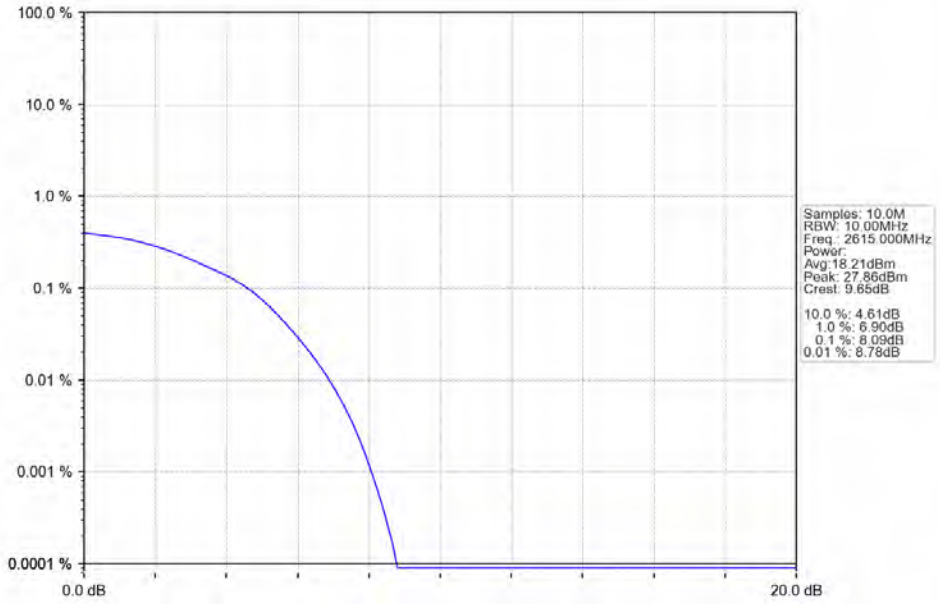
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



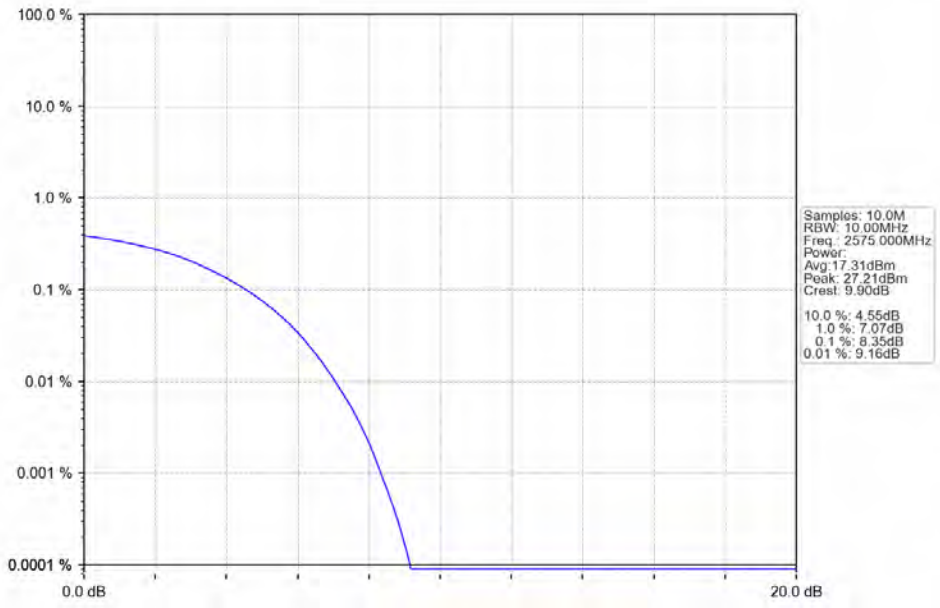
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



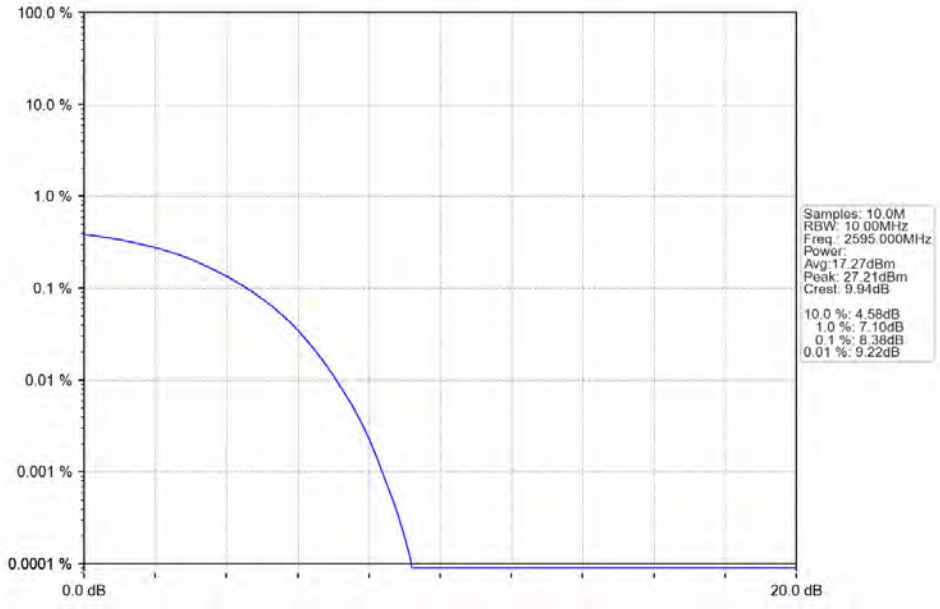
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



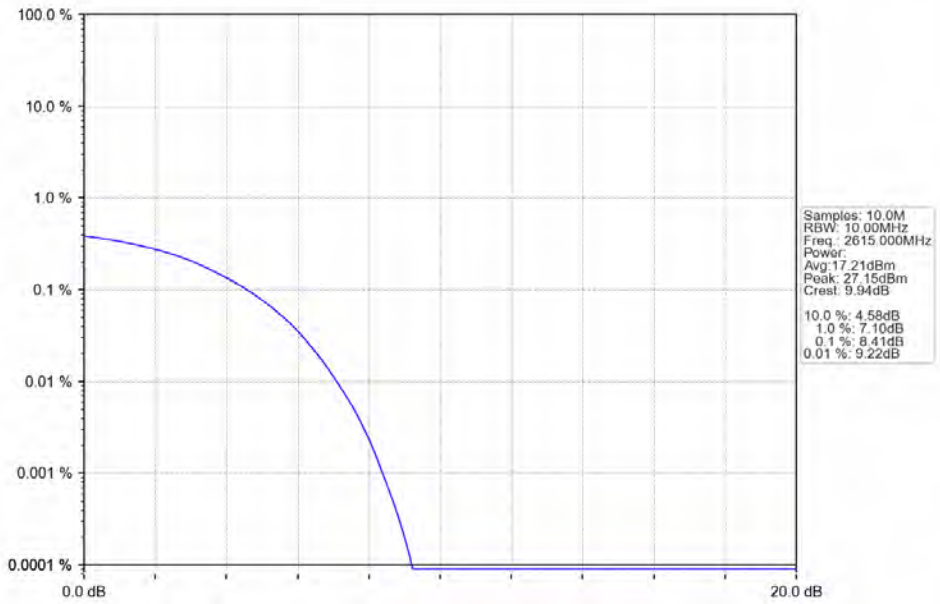
Band38_10MHz_64QAM_LCH_2575MHz_RB_50_0_NTNV



Band38_10MHz_64QAM_MCH_2595MHz_RB_50_0_NTNV



Band38_10MHz_64QAM_HCH_2615MHz_RB_50_0_NTNV



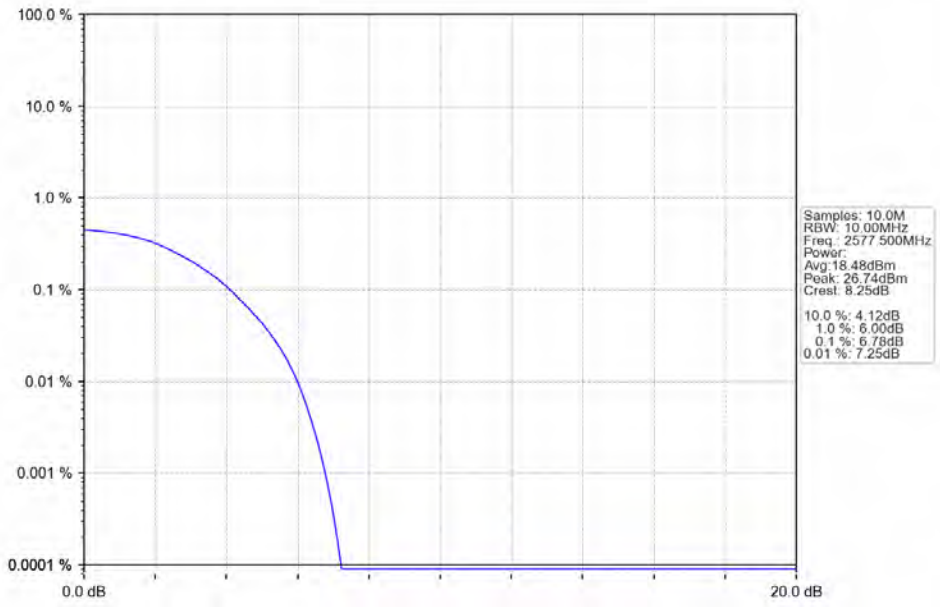
4.3 B38_15MHz

4.3.1 Test Result

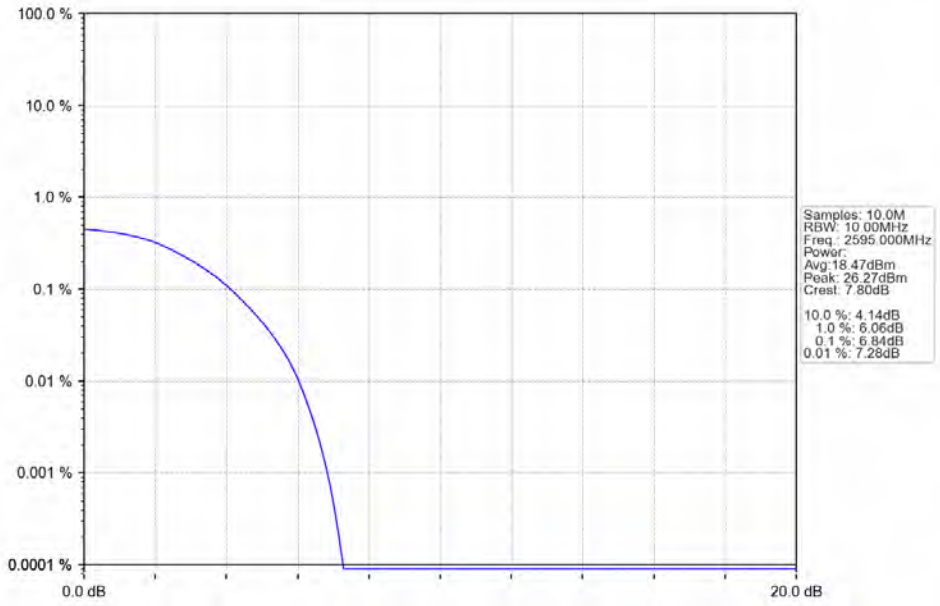
Band: 38 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	75	0	6.78	<=13	Pass
	2595	75	0	6.84	<=13	Pass
	2612.5	75	0	6.81	<=13	Pass
16QAM	2577.5	75	0	7.88	<=13	Pass
	2595	75	0	7.91	<=13	Pass
	2612.5	75	0	7.94	<=13	Pass
64QAM	2577.5	75	0	8.29	<=13	Pass
	2595	75	0	8.26	<=13	Pass
	2612.5	75	0	8.29	<=13	Pass

4.3.2 Test Graph

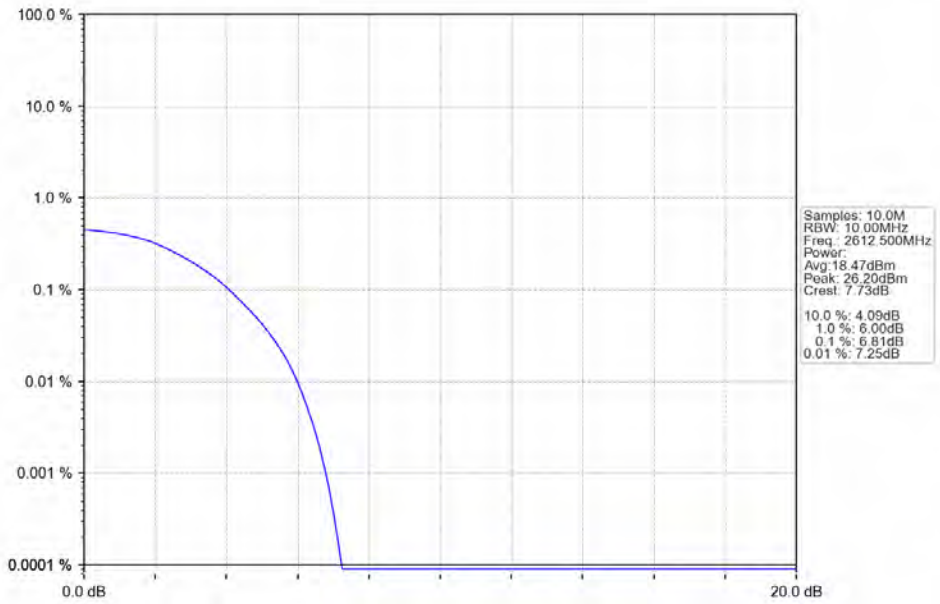
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



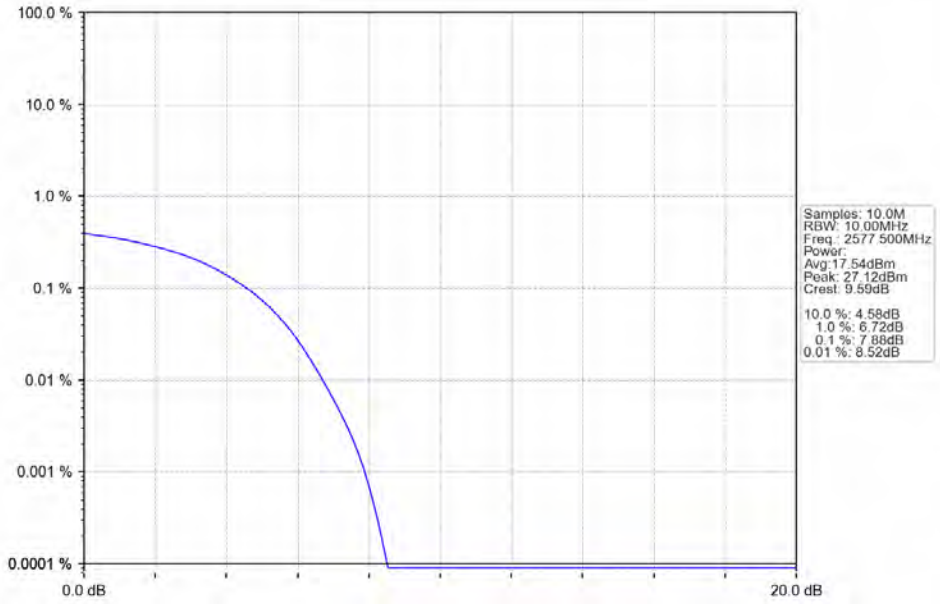
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



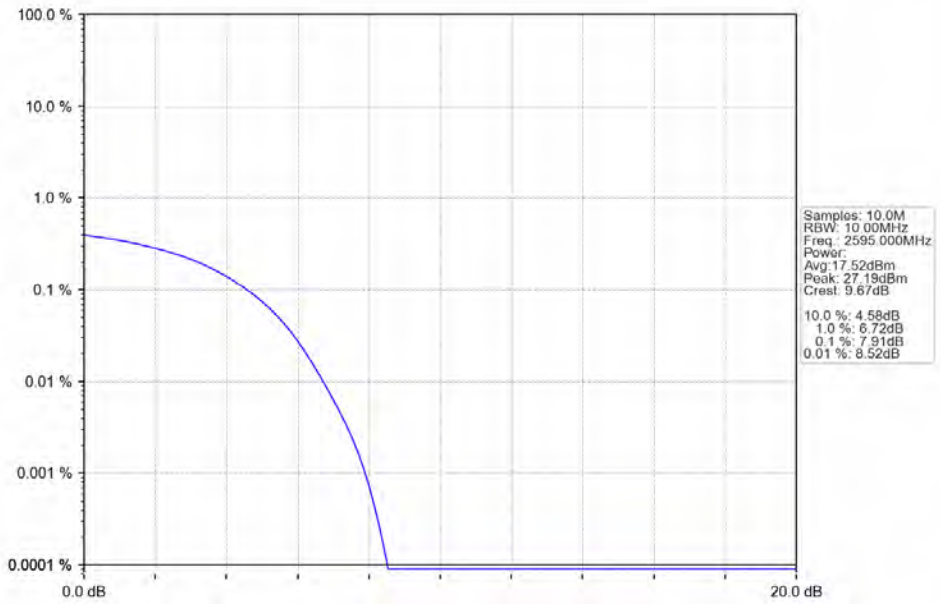
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



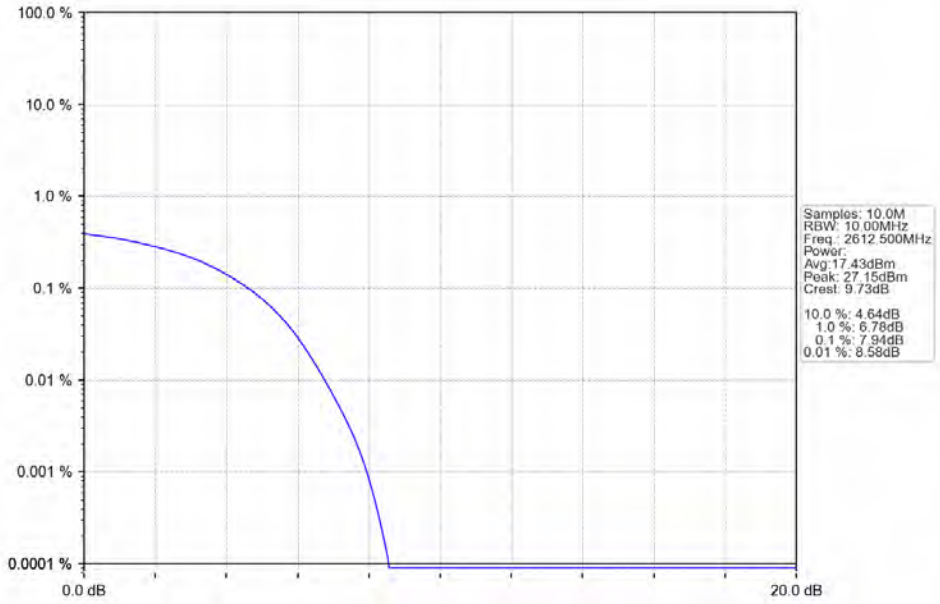
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV



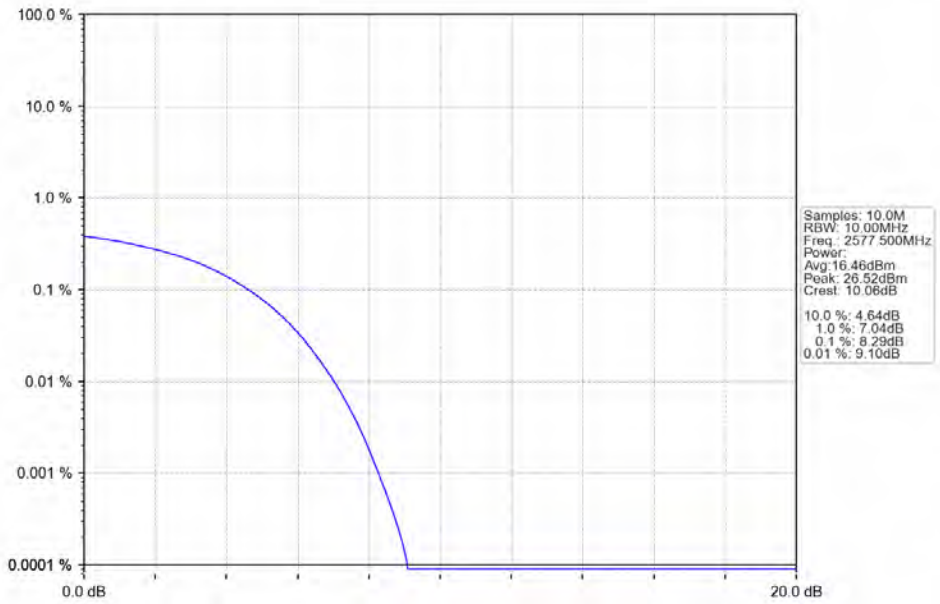
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



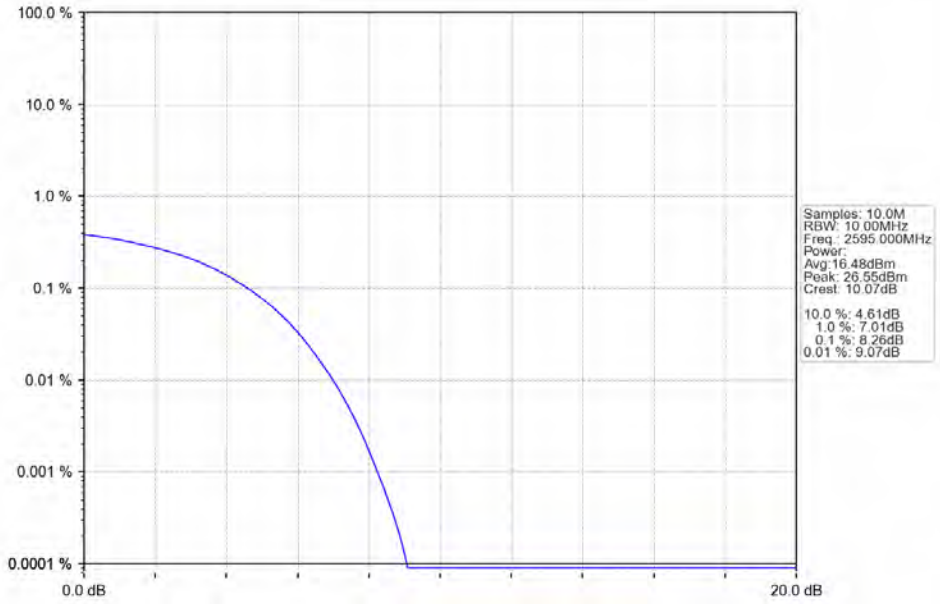
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



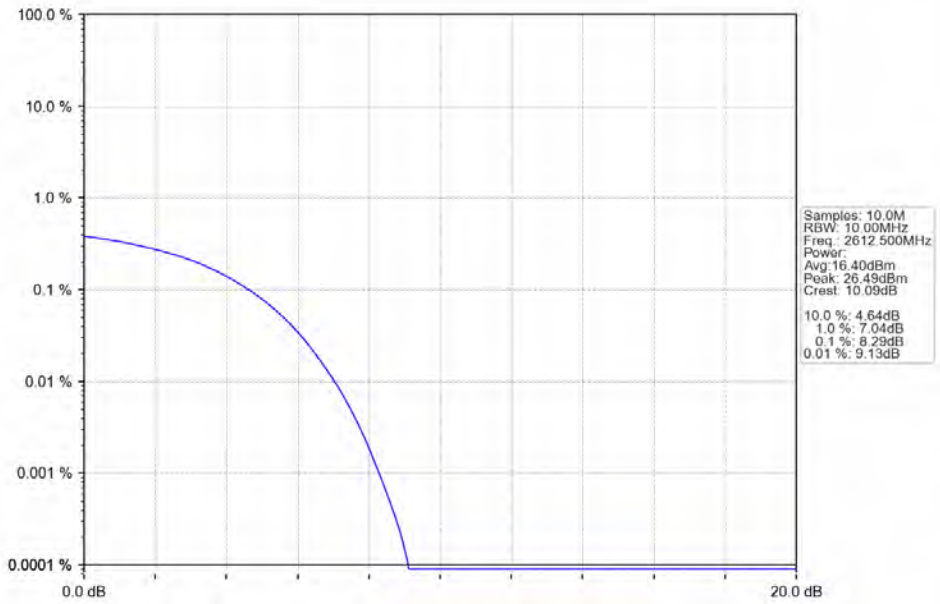
Band38_15MHz_64QAM_LCH_2577.5MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_MCH_2595MHz_RB_75_0_NTNV



Band38_15MHz_64QAM_HCH_2612.5MHz_RB_75_0_NTNV



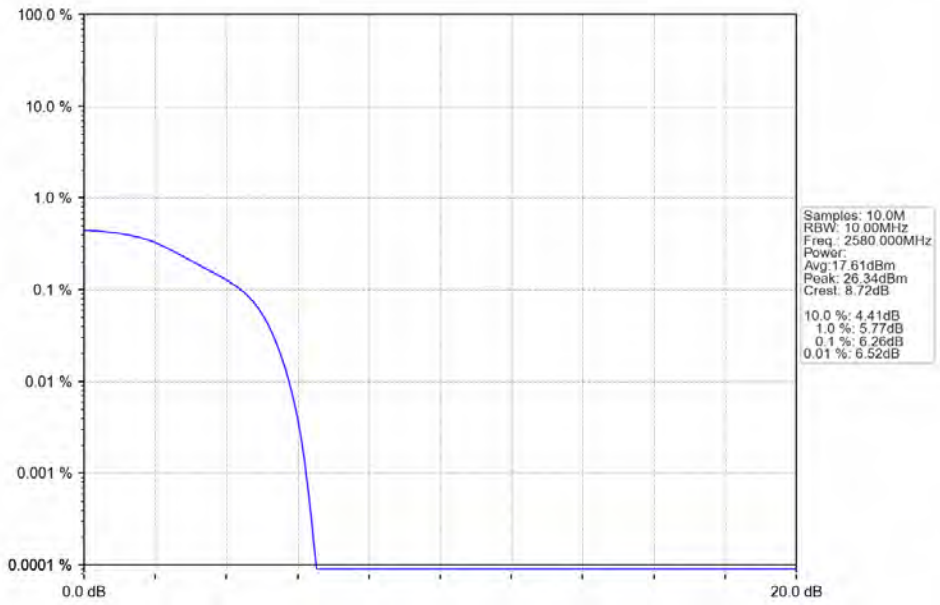
4.4 B38_20MHz

4.4.1 Test Result

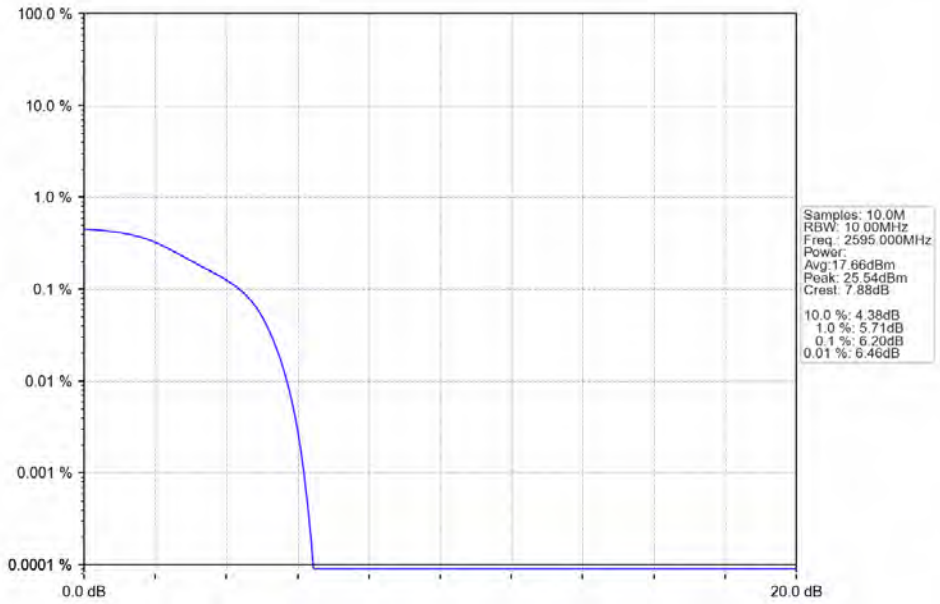
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	6.26	<=13	Pass
	2595	100	0	6.20	<=13	Pass
	2610	100	0	6.26	<=13	Pass
16QAM	2580	100	0	7.91	<=13	Pass
	2595	100	0	7.88	<=13	Pass
	2610	100	0	7.88	<=13	Pass
64QAM	2580	100	0	8.26	<=13	Pass
	2595	100	0	8.26	<=13	Pass
	2610	100	0	8.32	<=13	Pass

4.4.2 Test Graph

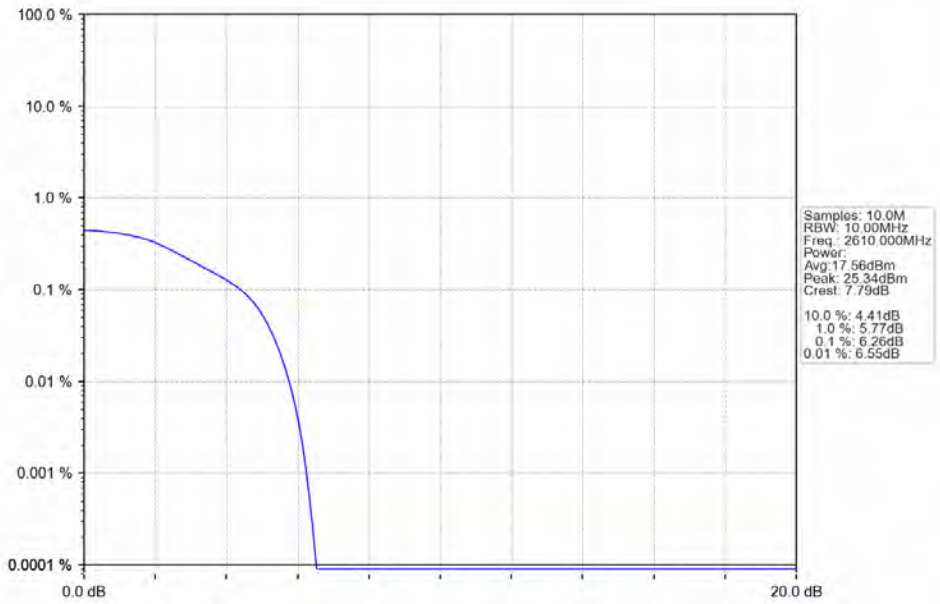
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



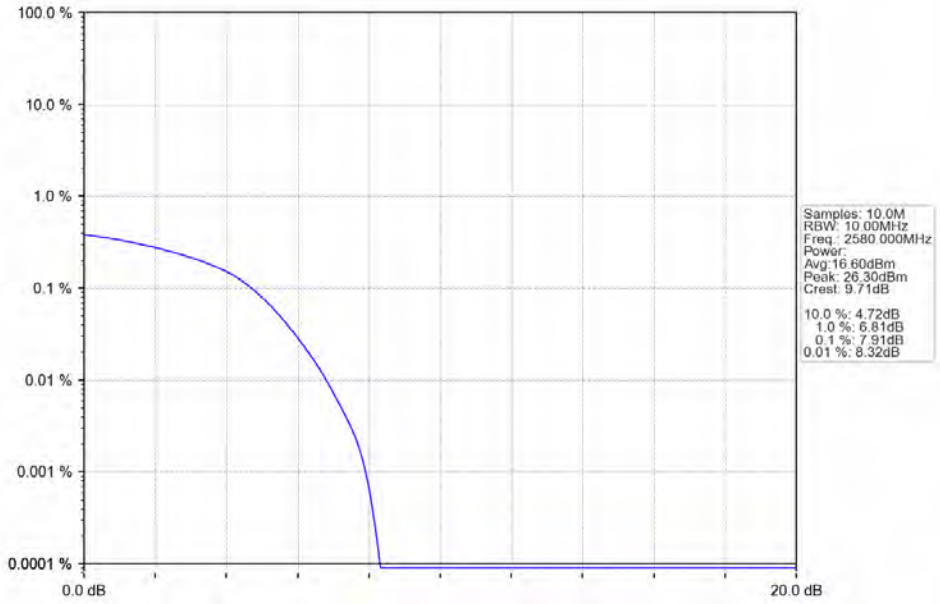
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



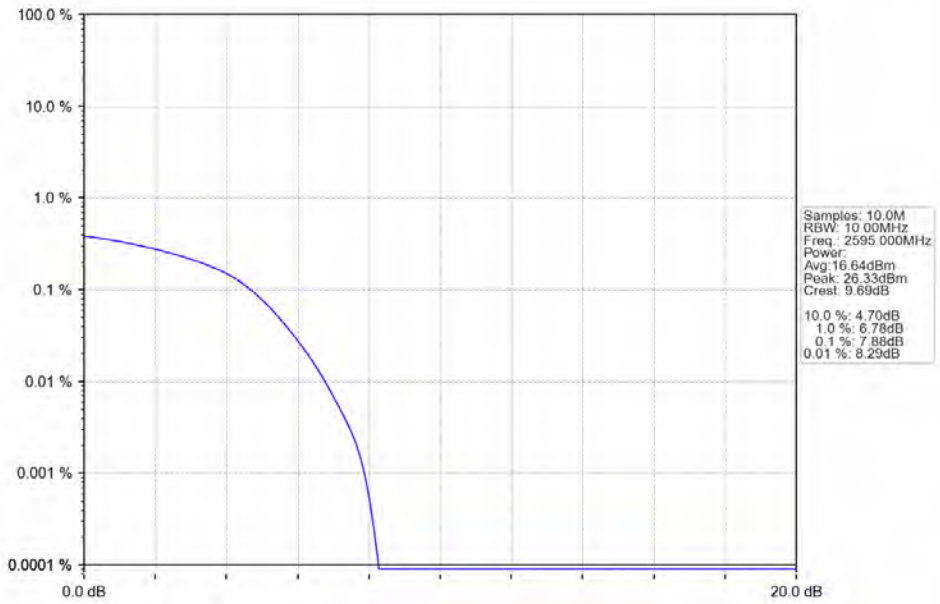
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



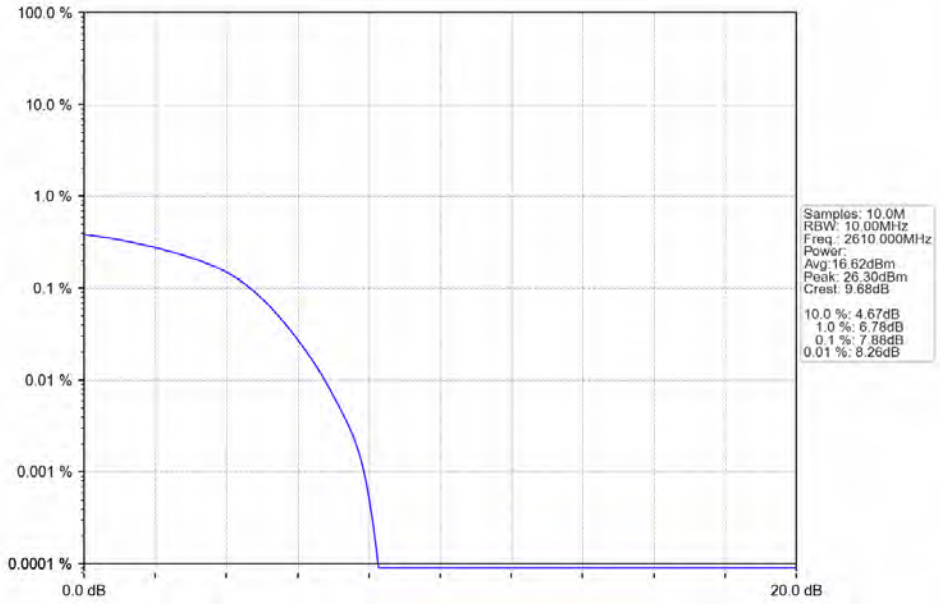
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



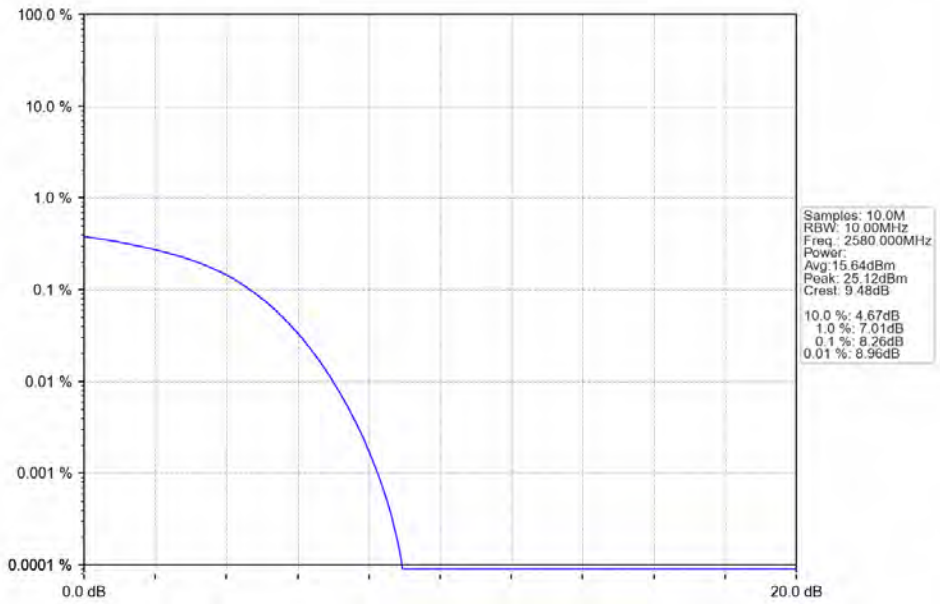
Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



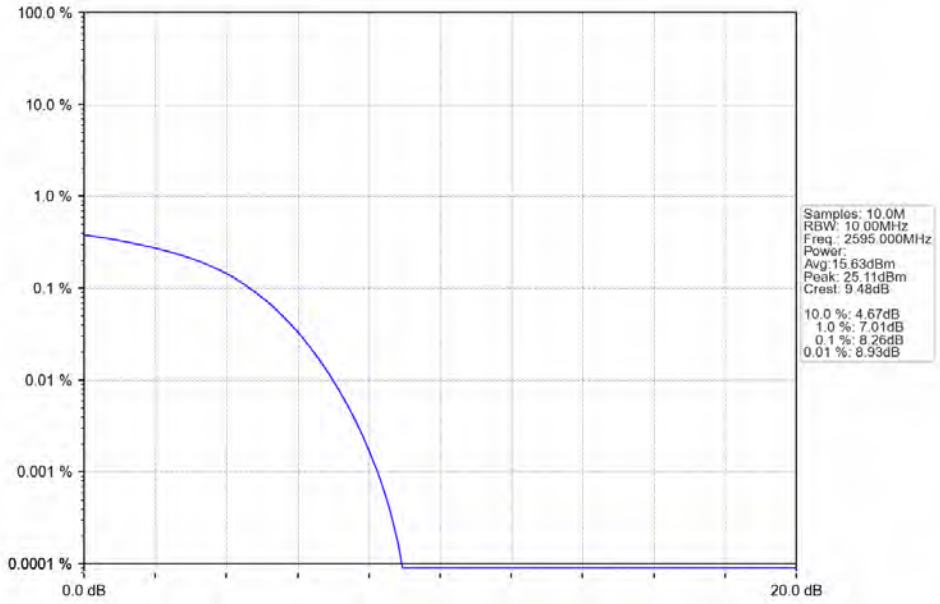
Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



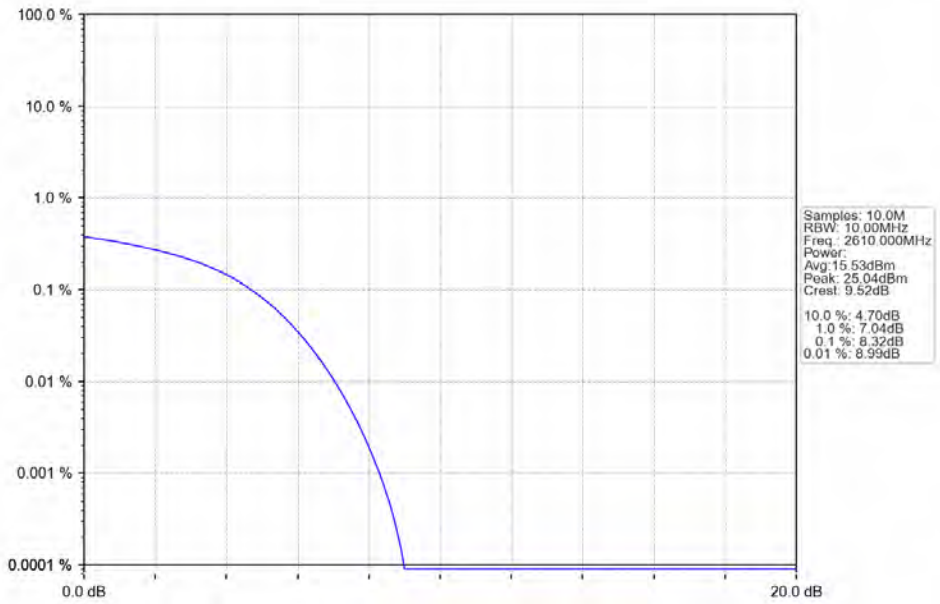
Band38_20MHz_64QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_64QAM_HCH_2610MHz_RB_100_0_NTNV



5. Spurious Emission & Band Edges

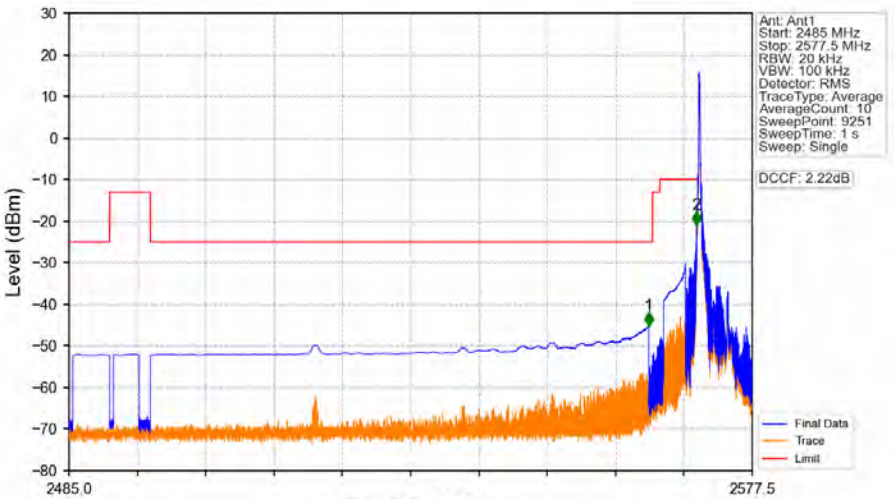
5.1 B38_5MHz

5.1.1 Test Result

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

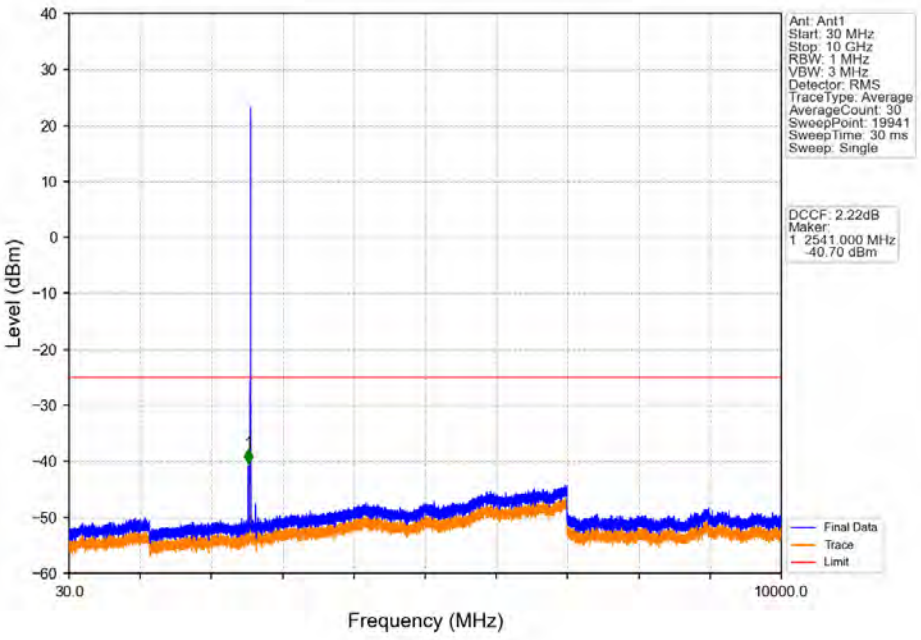
5.1.2 Test Graph

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

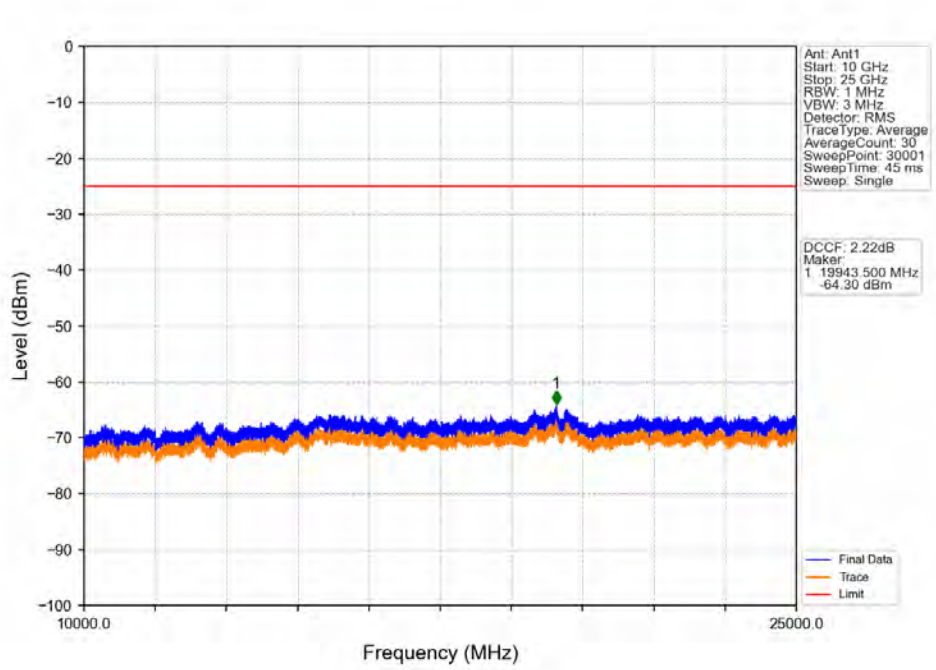


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2563.470	-45.18	-25	Pass
2569	2570	0.02	/	2	2569.990	-20.95	-10	Pass
2570	2577.5	0.02	/	/	/	/	/	/

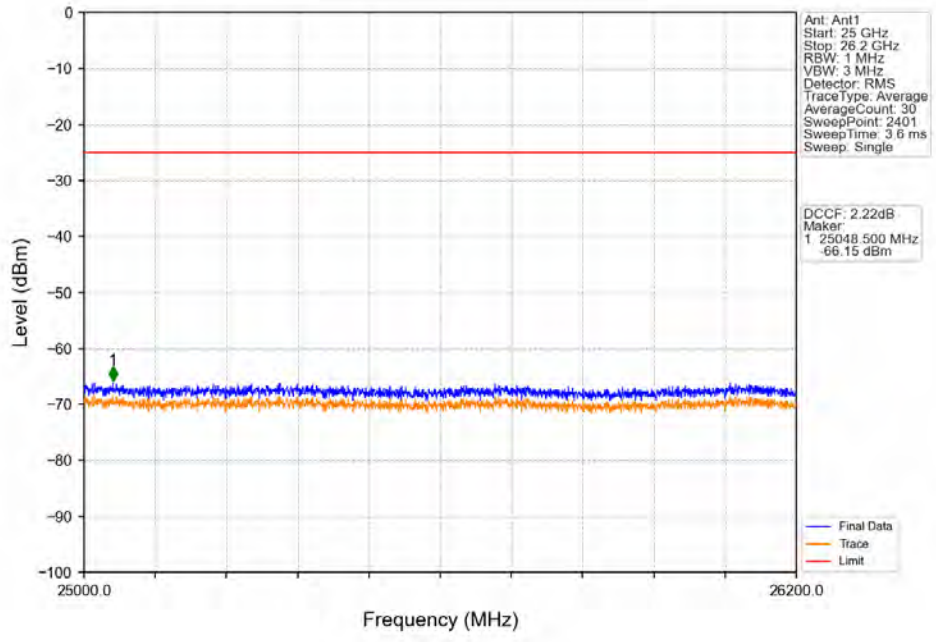
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



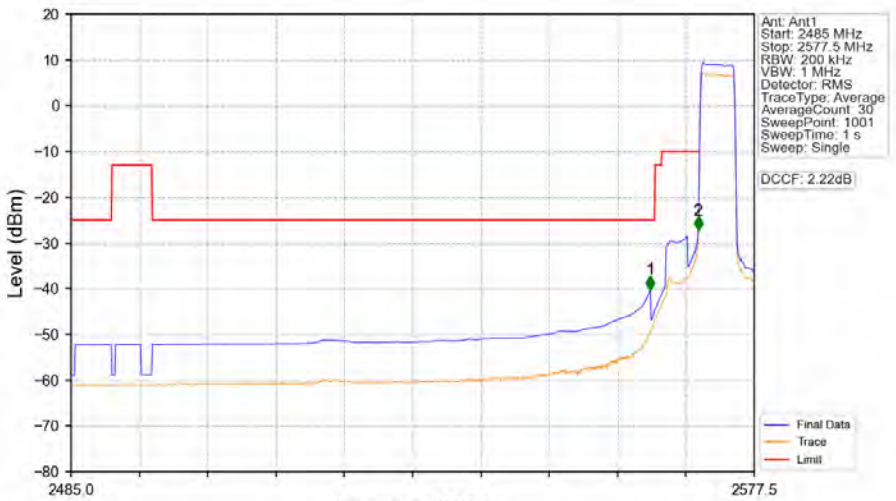
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

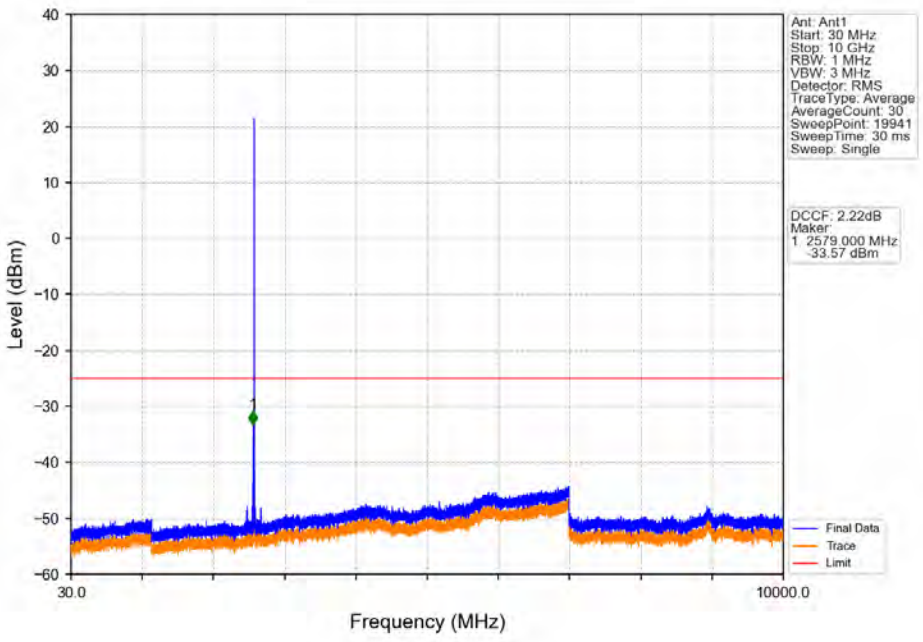


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

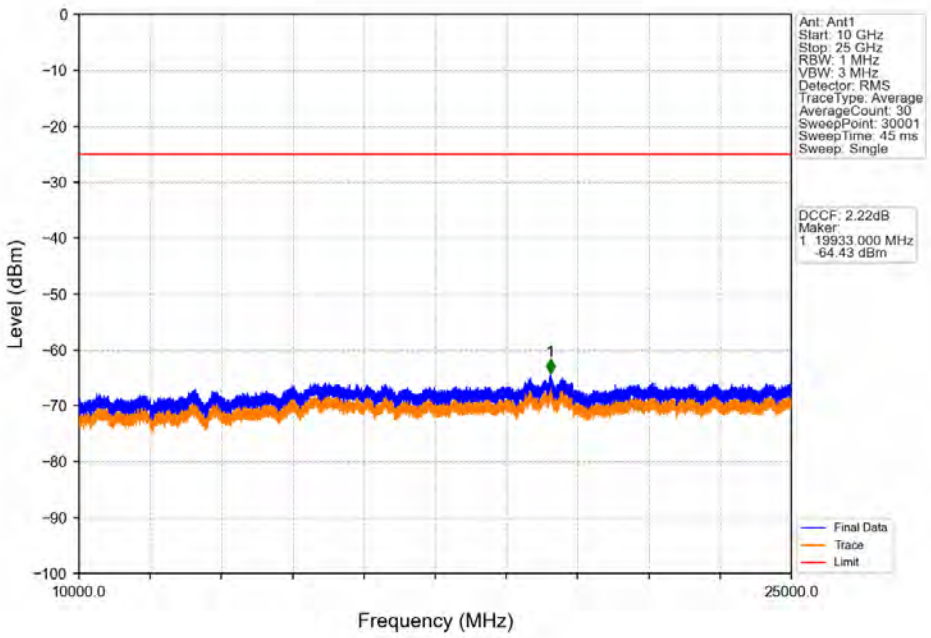


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2563.440	-40.23	-25	Pass
2569	2570	0.2	/	2	2569.915	-27.31	-10	Pass
2570	2577.5	0.2	/	/	/	/	/	/

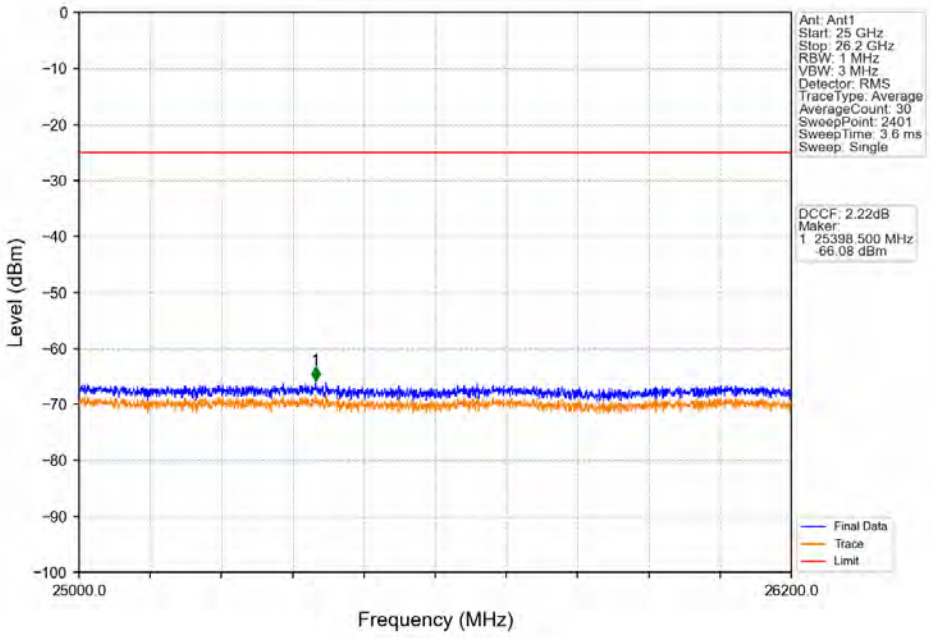
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



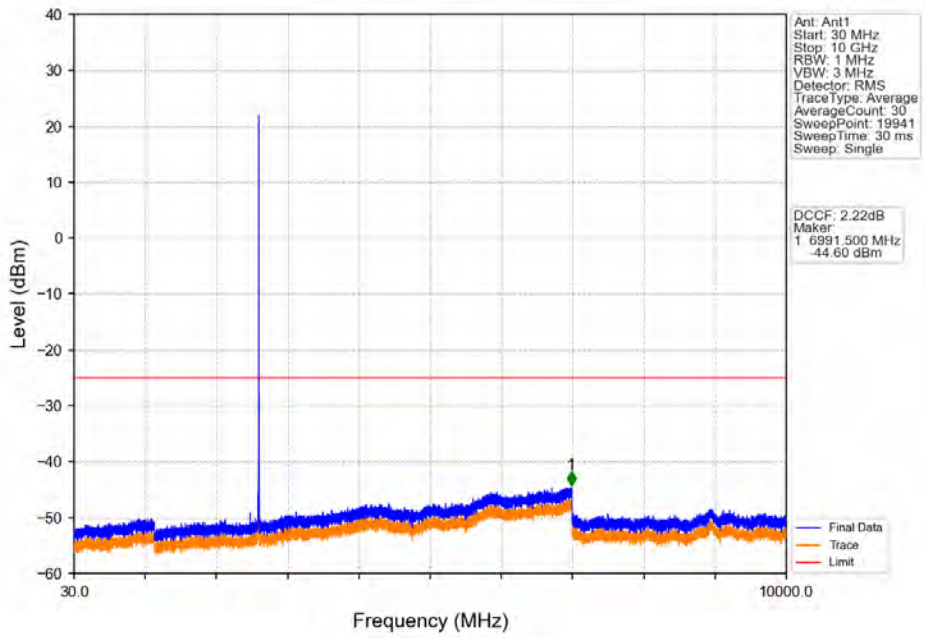
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



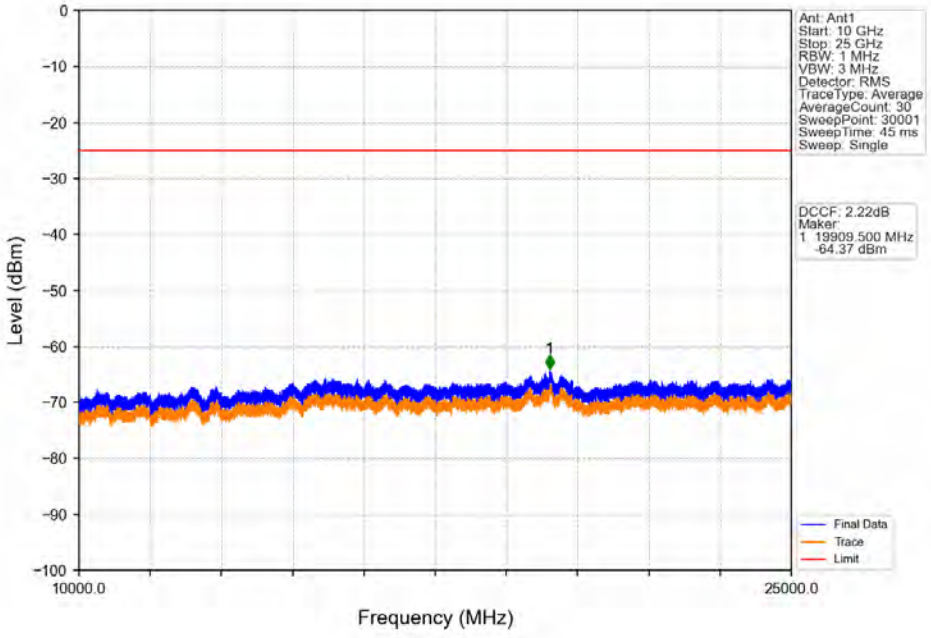
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



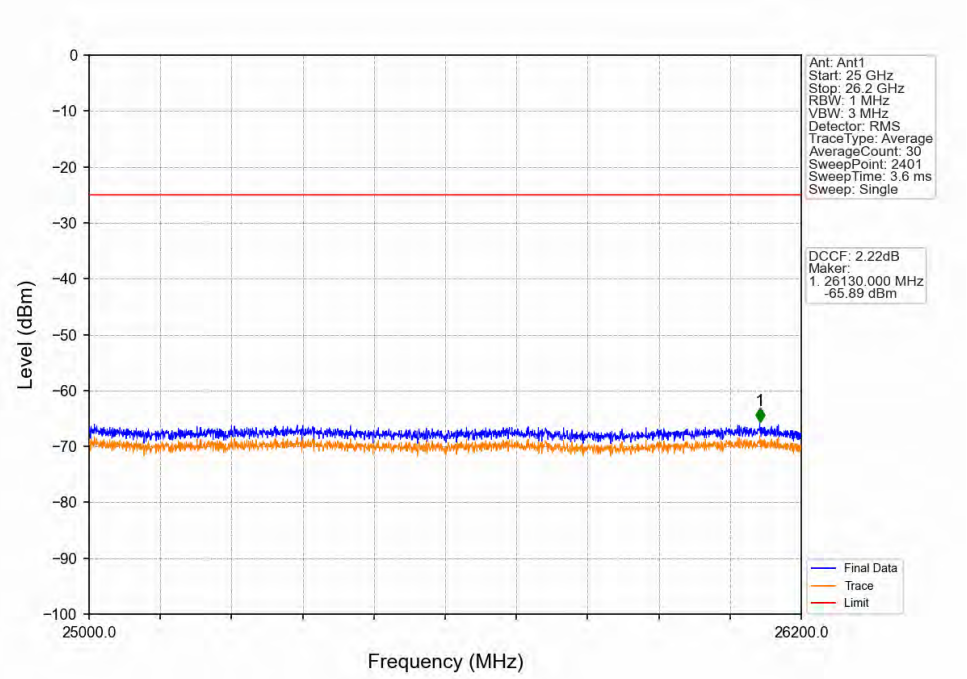
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



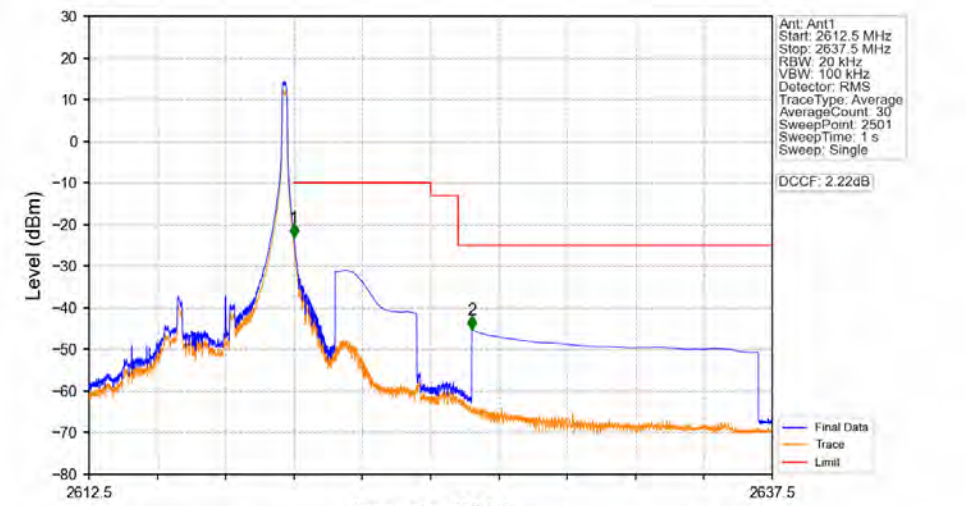
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

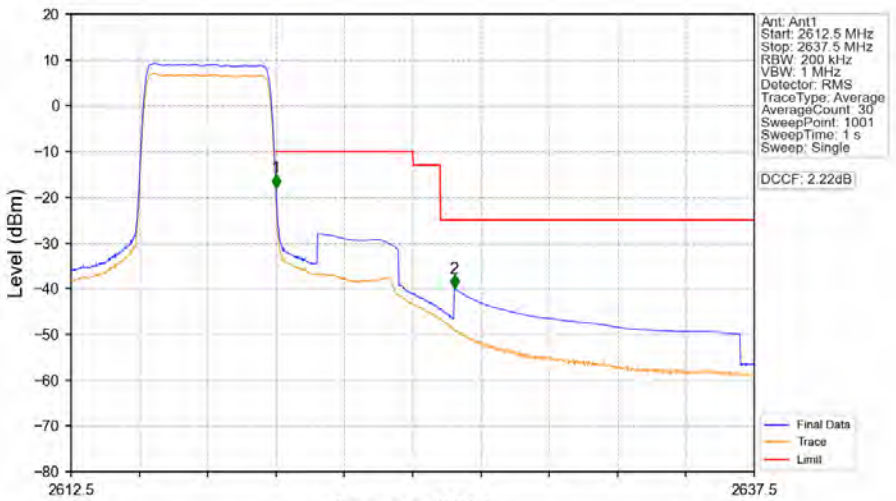


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2612.5	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.000	-23.23	-10	Pass
2621	2637.5	1	CHP	2	2626.510	-45.22	-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
2612.5	2620	0.2	/	/	/	/	/	/
2620	2621	0.2	/	1	2620.000	-18.00	-10	Pass
2621	2637.5	1	CHP	2	2626.525	-39.95	-25	Pass

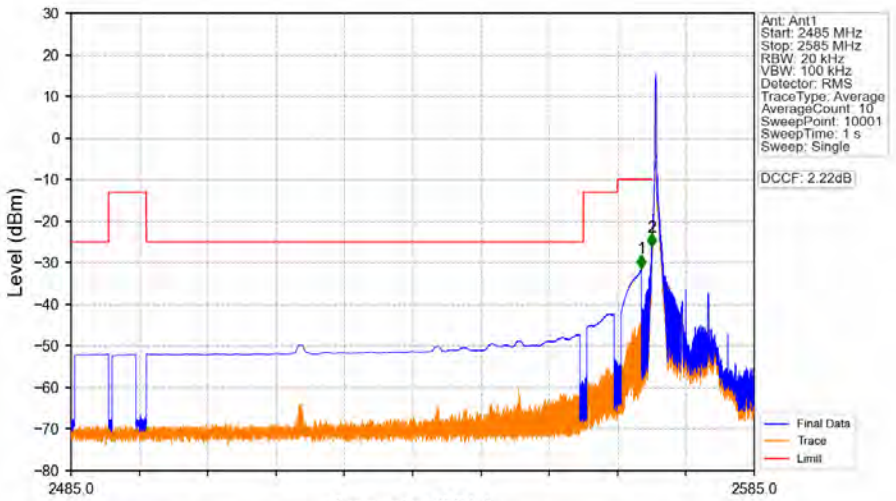
5.2 B38_10MHz

5.2.1 Test Result

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

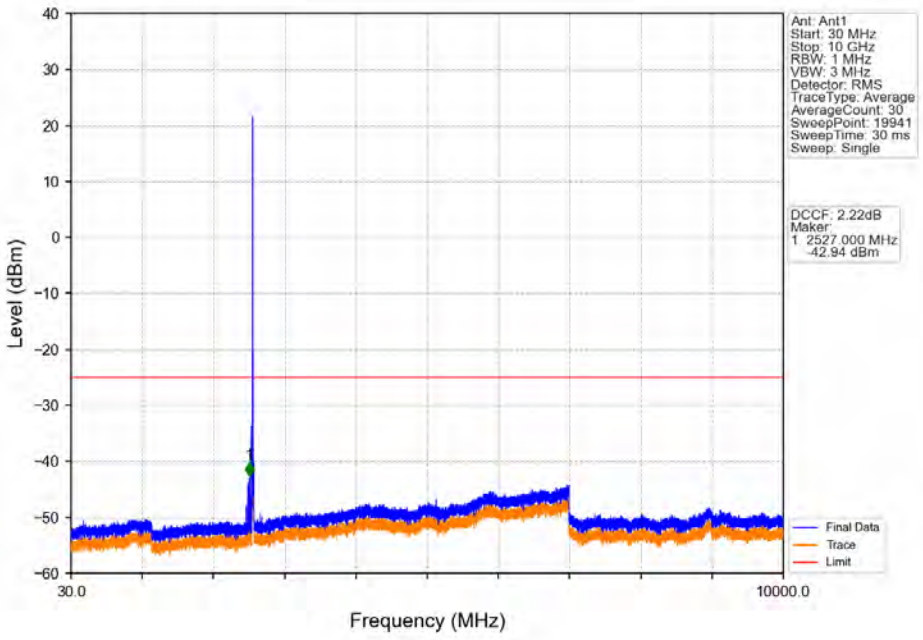
5.2.2 Test Graph

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

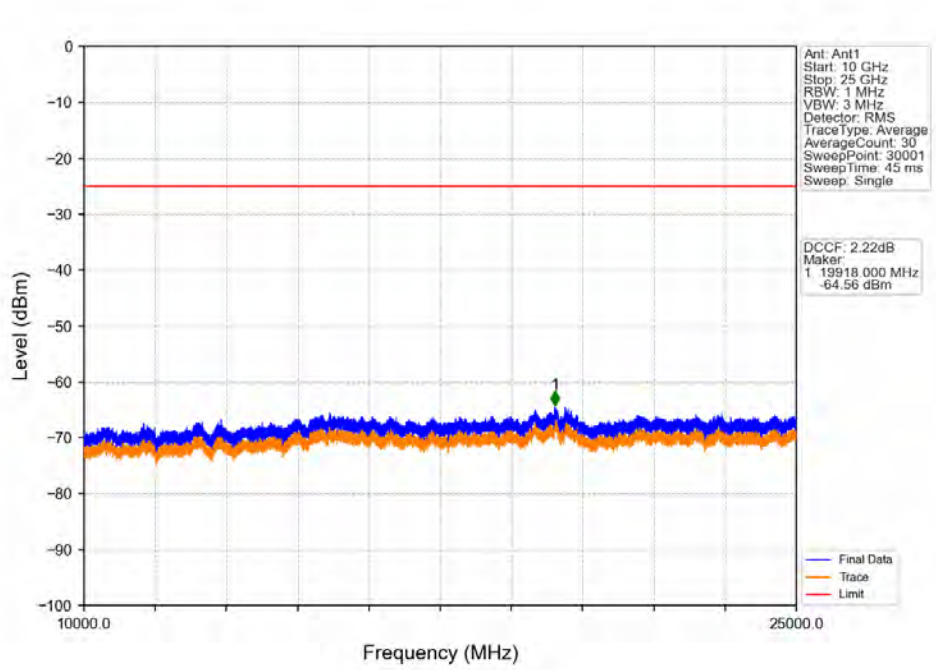


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2568.490	-31.42	-10	Pass
2569	2570	0.02	/	2	2570.000	-26.22	-10	Pass
2570	2585	0.02	/	/	/	/	/	/

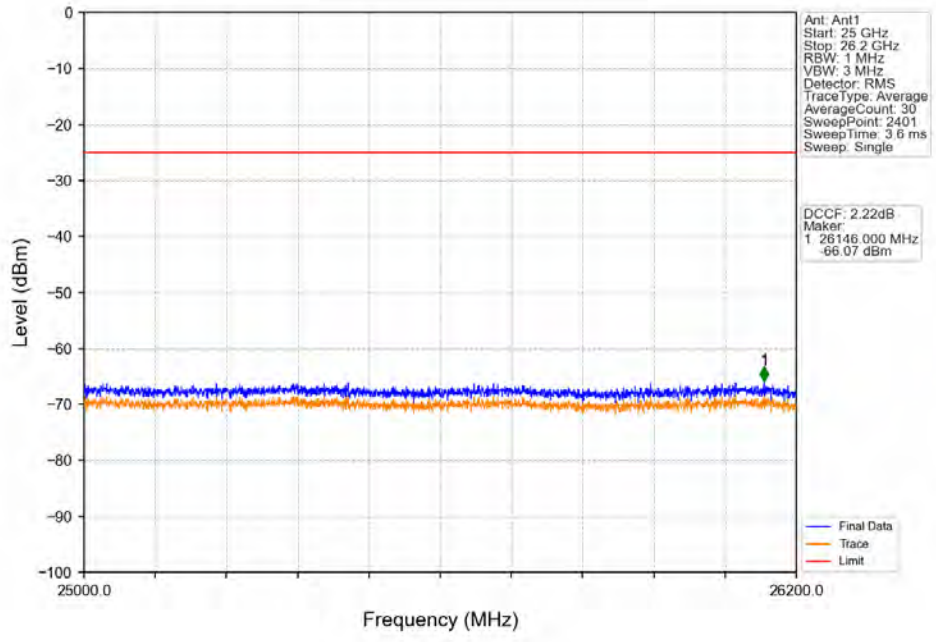
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



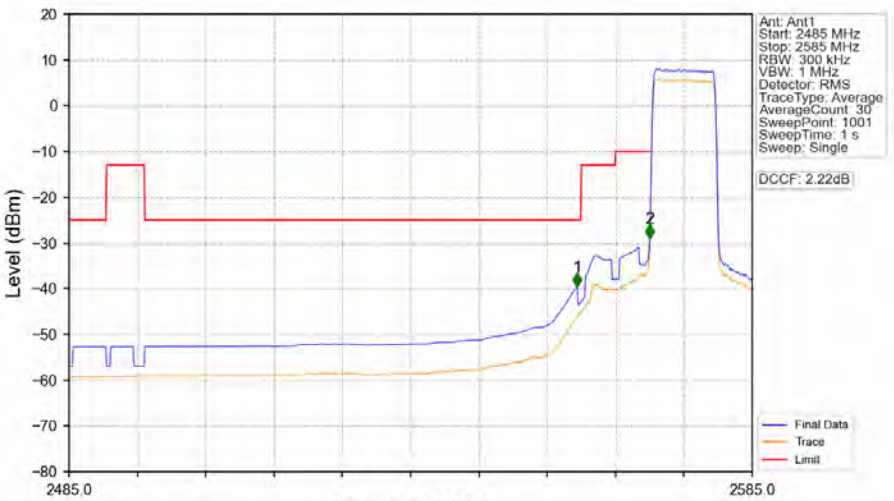
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

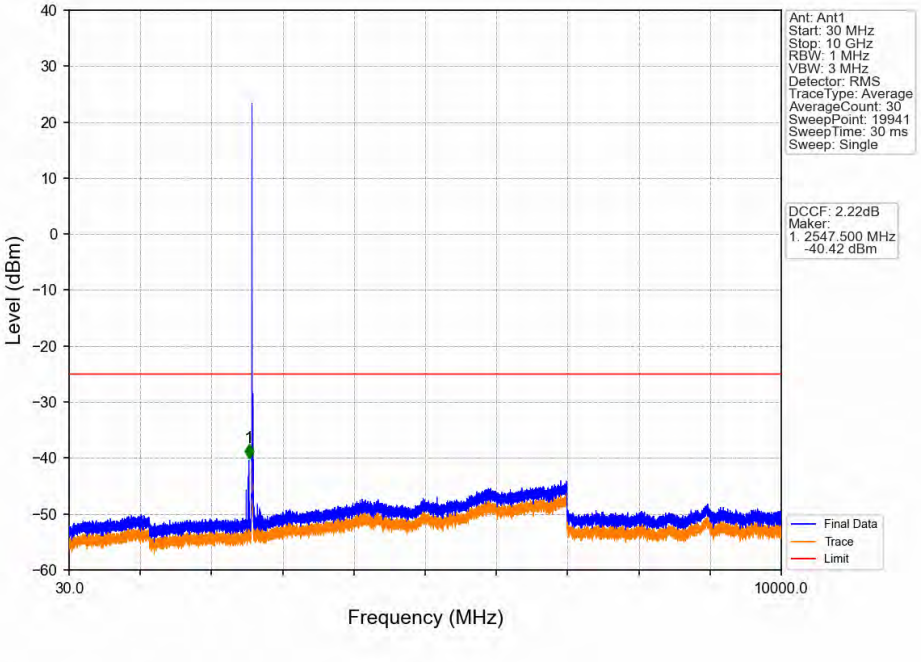


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

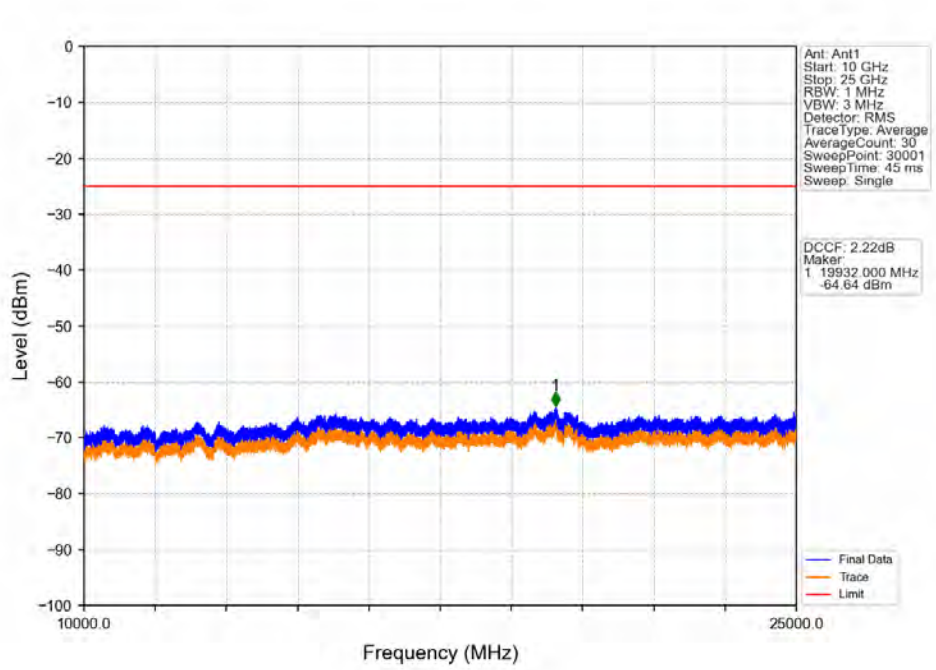


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2559.400	-39.59	-25	Pass
2569	2570	0.3	/	2	2570.000	-29.07	-10	Pass
2570	2585	0.3	/	/	/	/	/	/

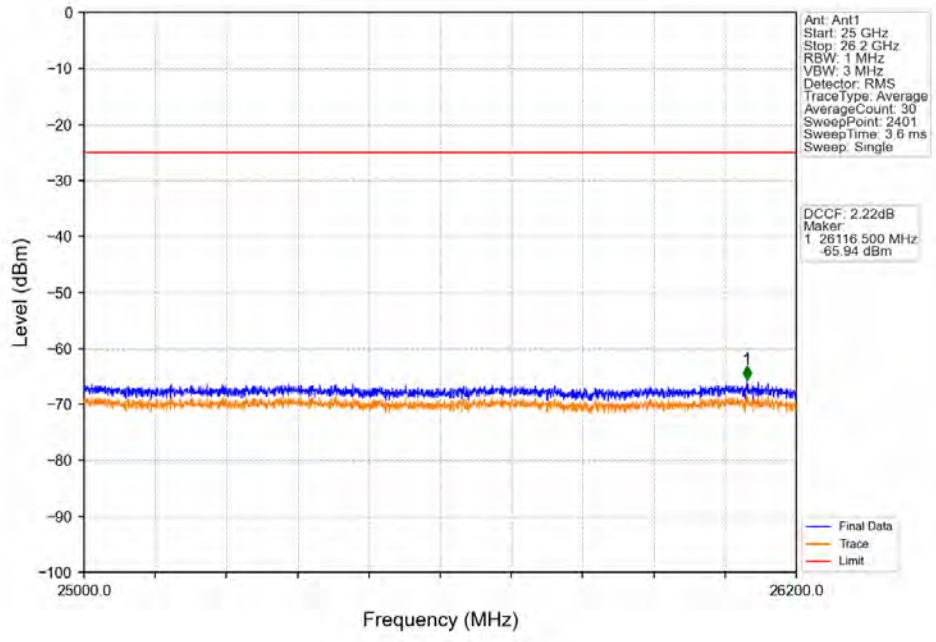
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



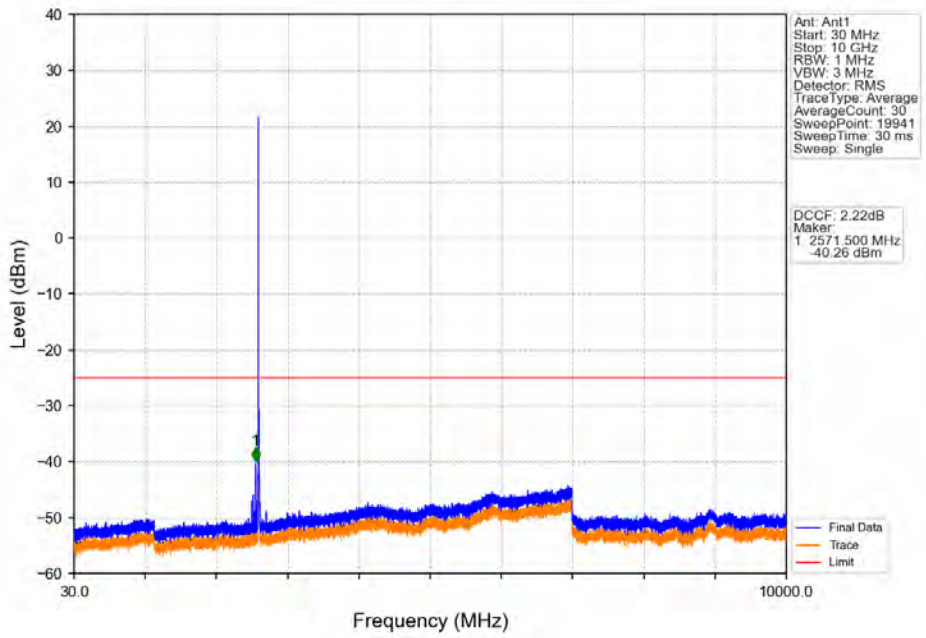
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



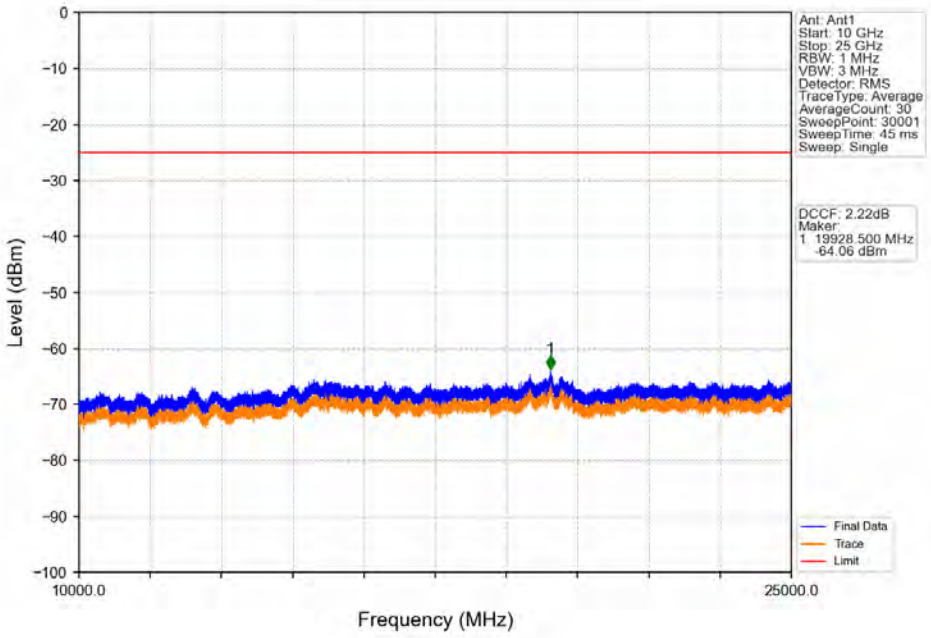
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



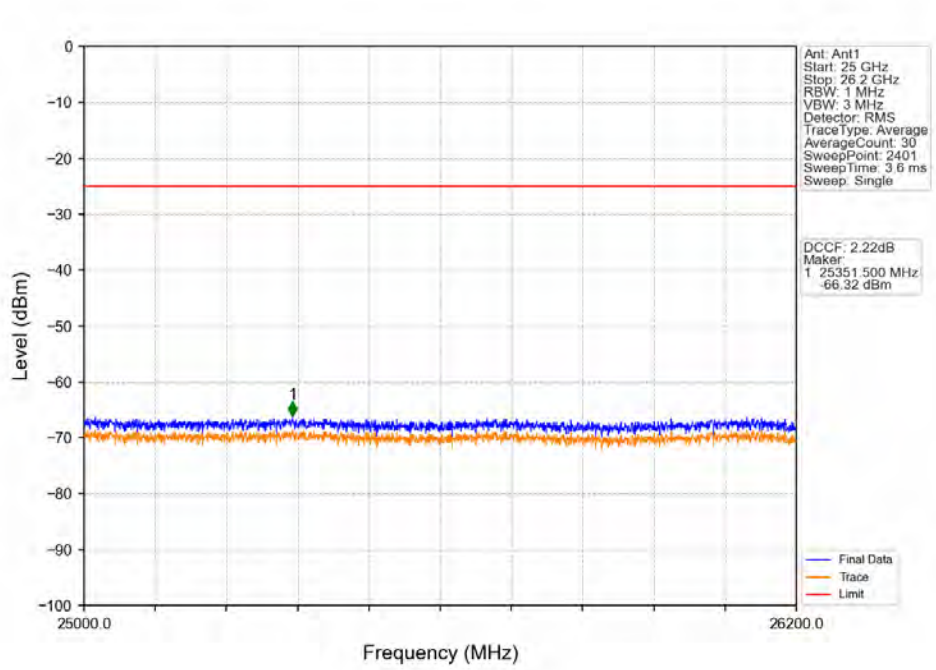
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



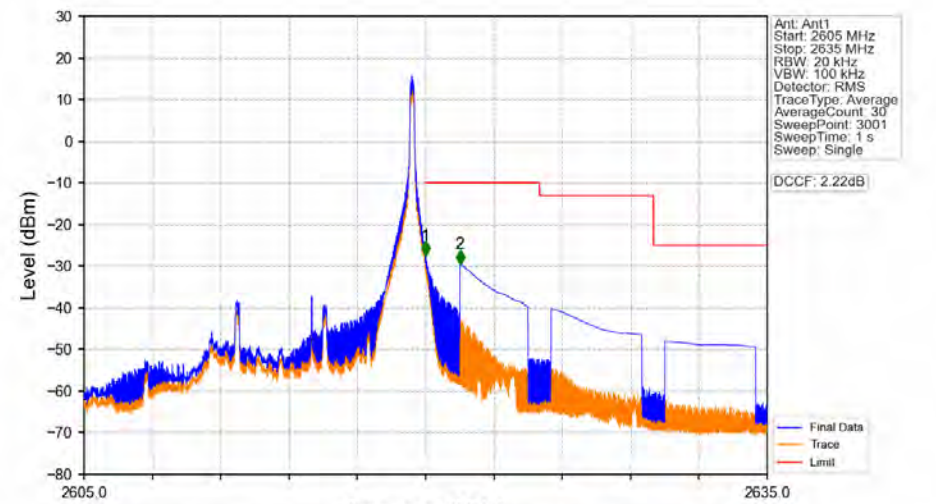
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

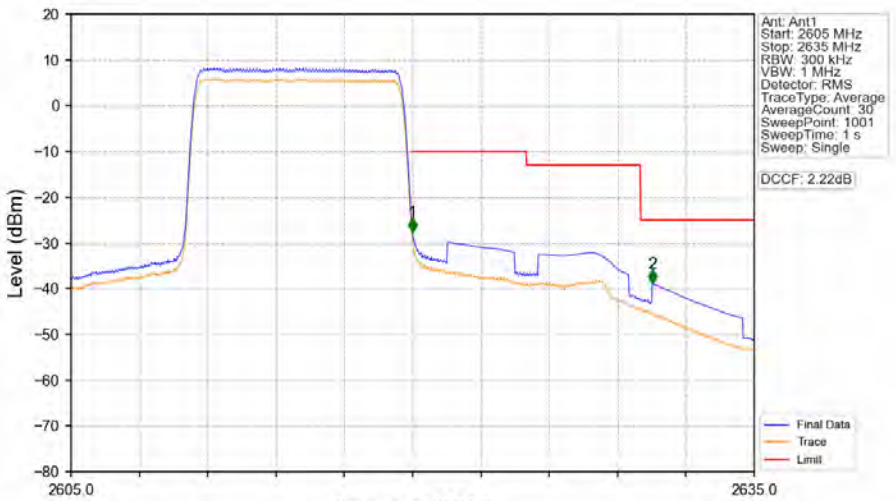


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.000	-27.49	-10	Pass
2621	2635	1	CHP	2	2621.510	-29.47	-10	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
2605	2620	0.3	/	/	/	/	/	/
2620	2621	0.3	/	1	2620.000	-27.58	-10	Pass
2621	2635	1	CHP	2	2630.530	-38.97	-25	Pass

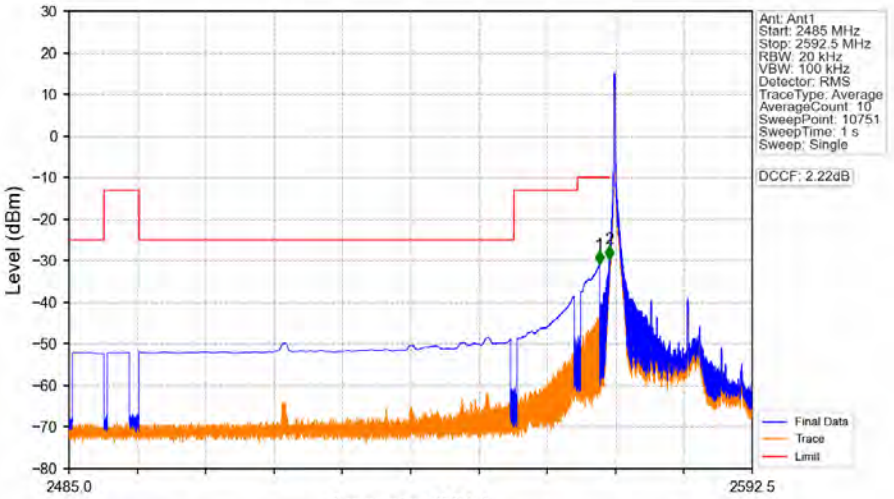
5.3 B38_15MHz

5.3.1 Test Result

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

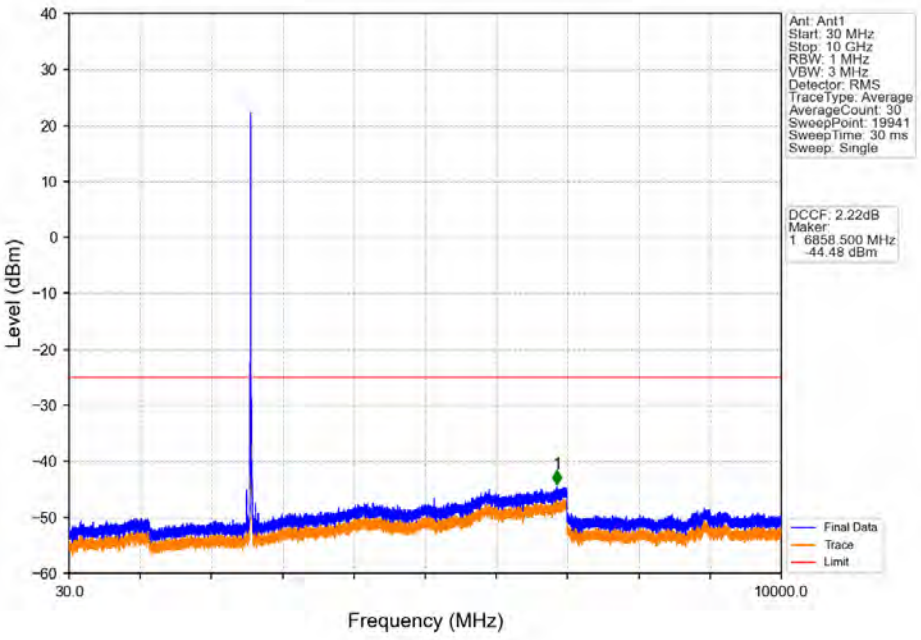
5.3.2 Test Graph

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

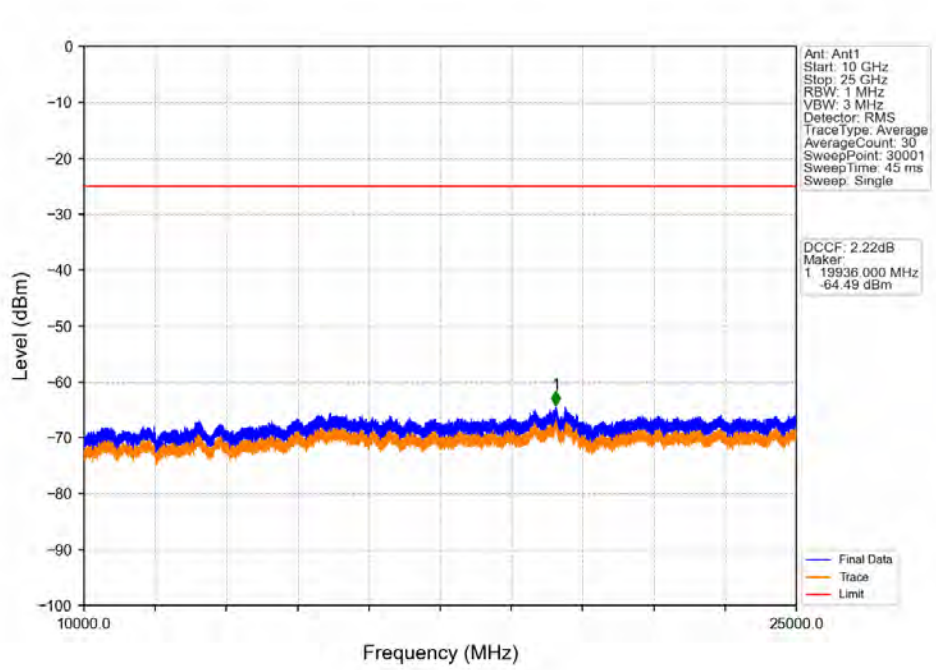


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2568.460	-30.95	-10	Pass
2569	2570	0.02	/	2	2569.990	-29.67	-10	Pass
2570	2592.5	0.02	/	/	/	/	/	/

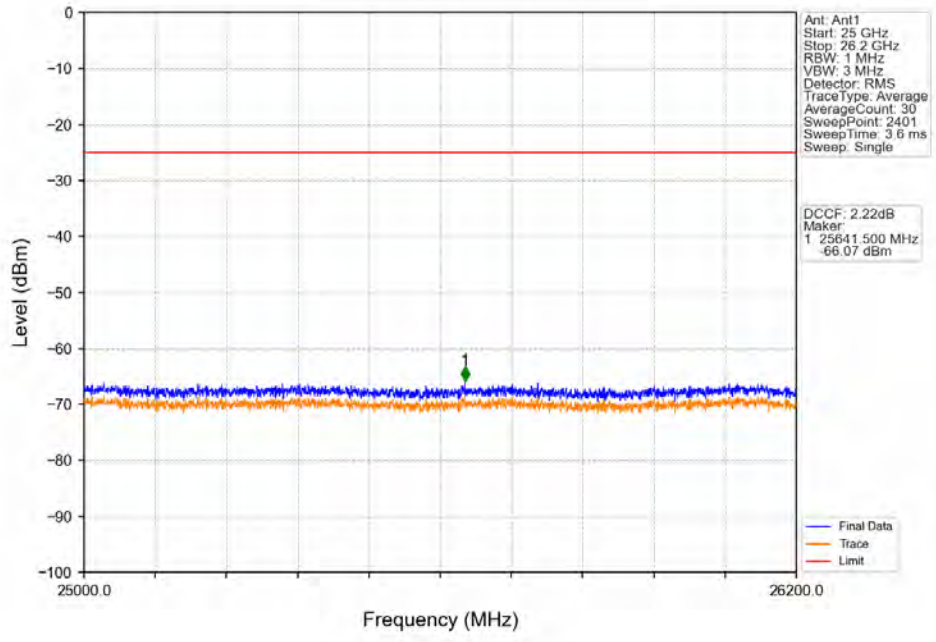
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



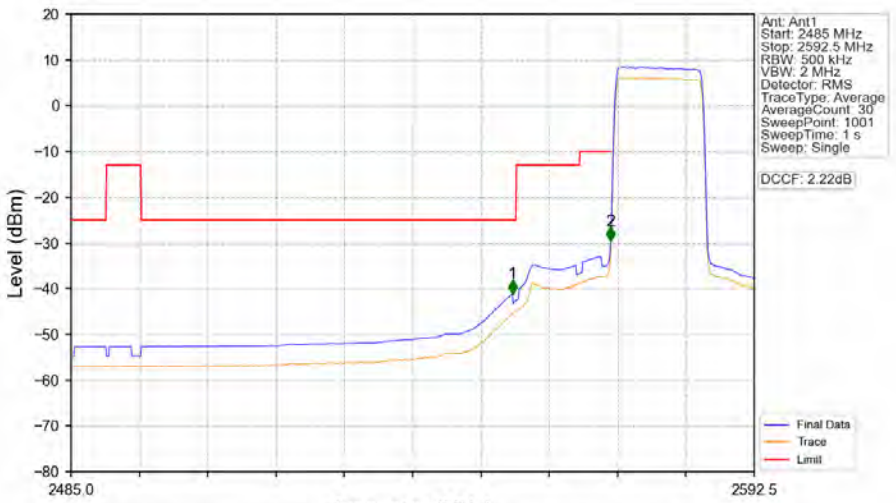
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

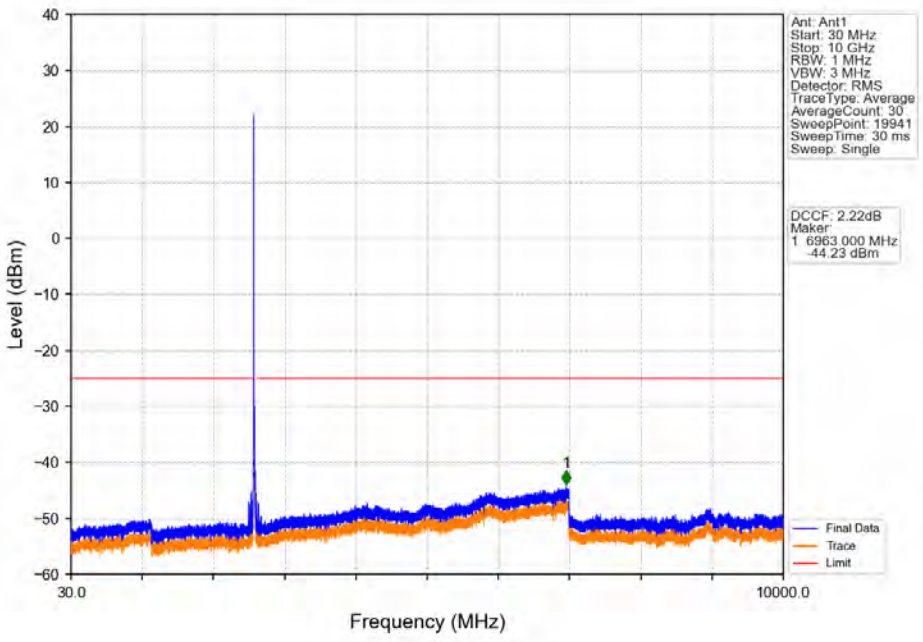


Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV

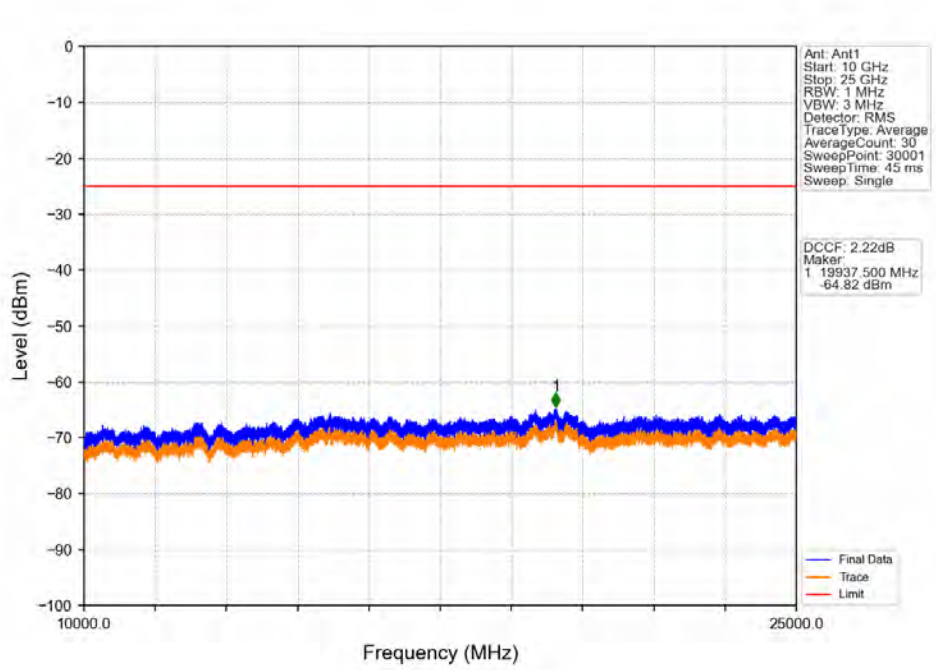


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2554.445	-41.14	-25	Pass
2569	2570	0.5	/	2	2569.925	-29.61	-10	Pass
2570	2592.5	0.5	/	/	/	/	/	/

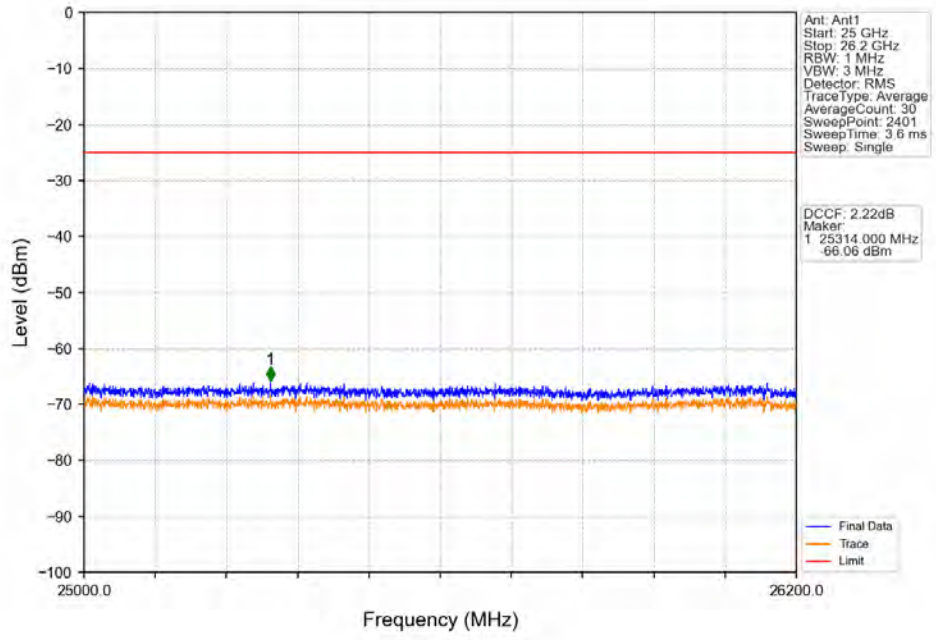
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



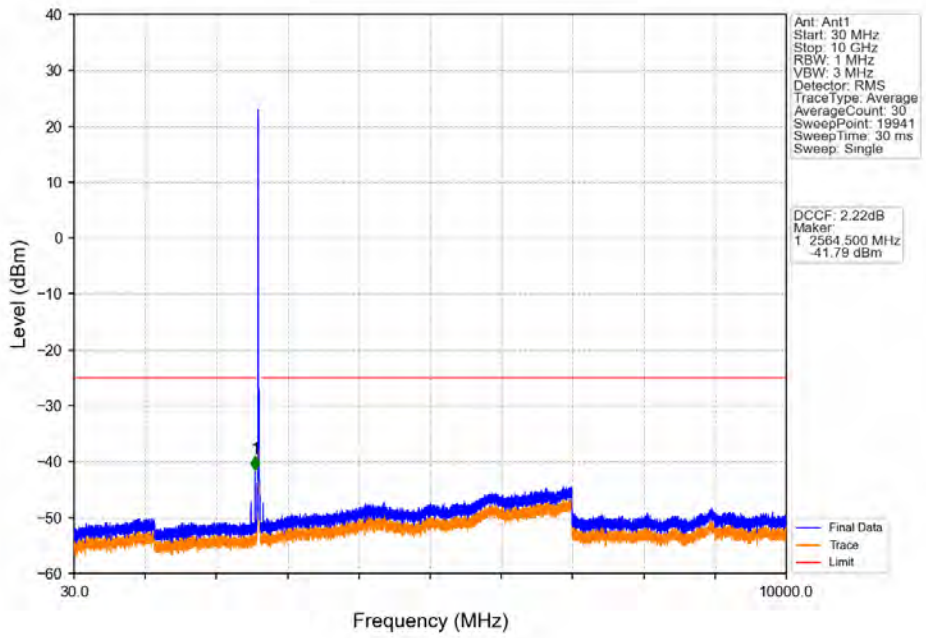
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



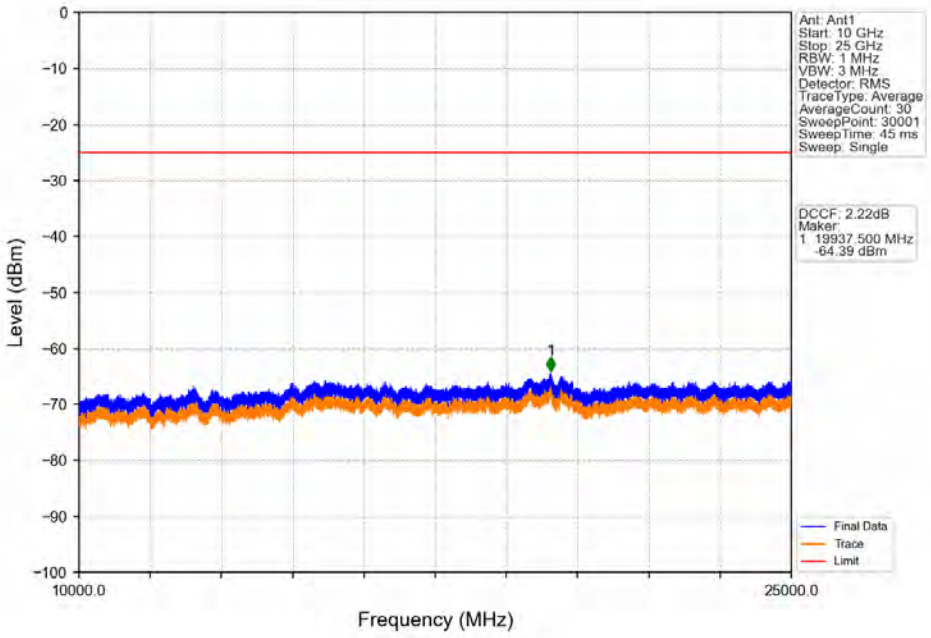
Band38_15MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



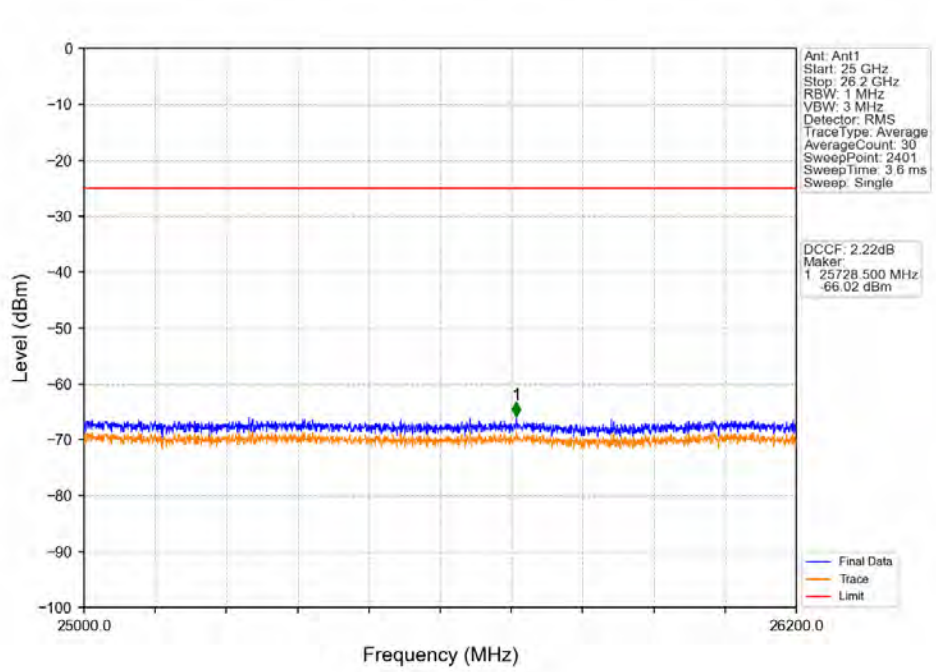
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



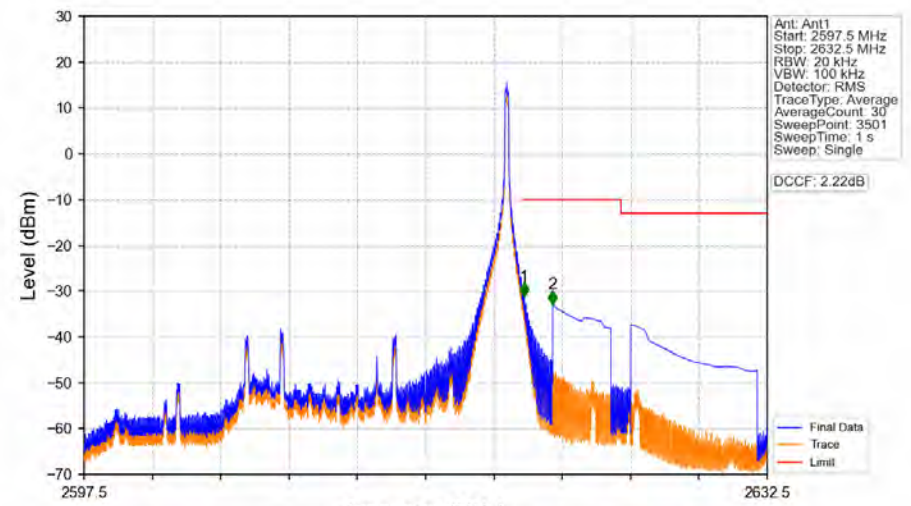
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_0_NTNV

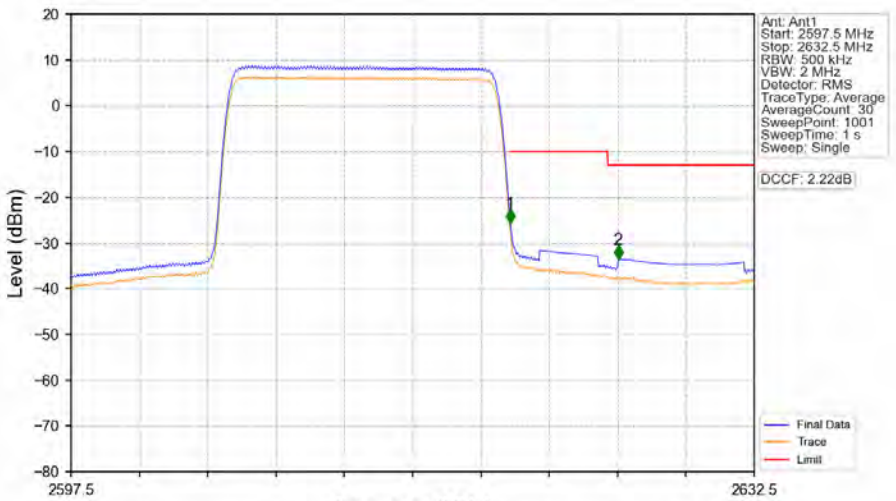


Band38_15MHz_QPSK_HCH_2612.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.040	-31.27	-10	Pass
2621	2632.5	1	CHP	2	2621.510	-32.87	-10	Pass

Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2597.5	2620	0.5	/	/	/	/	/	/
2620	2621	0.5	/	1	2620.005	-25.72	-10	Pass
2621	2632.5	1	CHP	2	2625.535	-33.59	-13	Pass

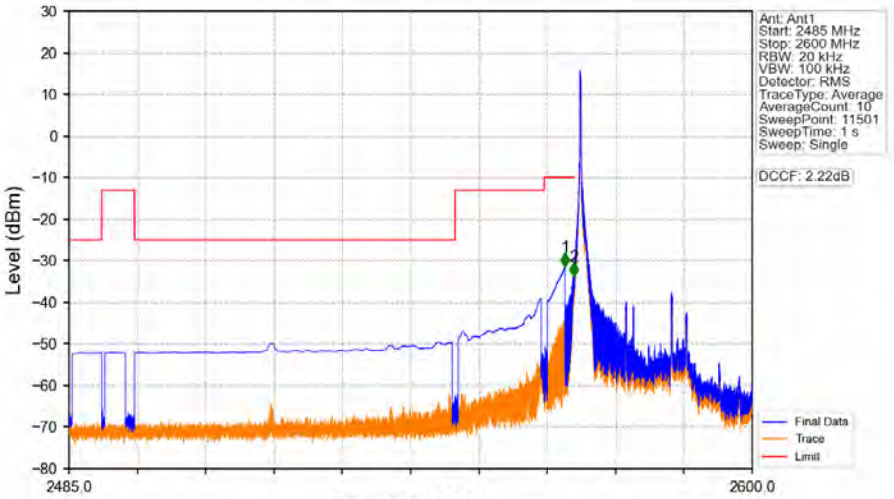
5.4 B38_20MHz

5.4.1 Test Result

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

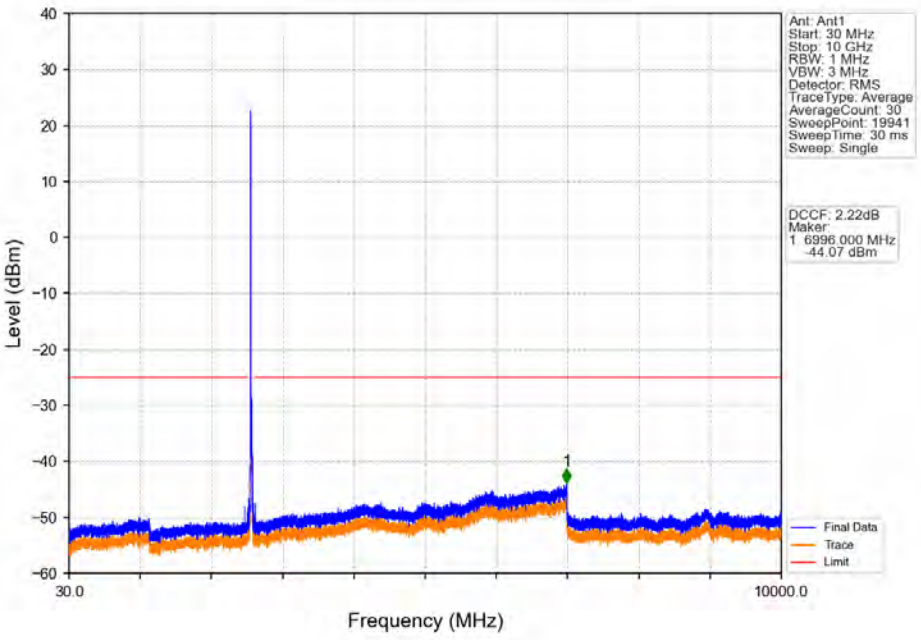
5.4.2 Test Graph

Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

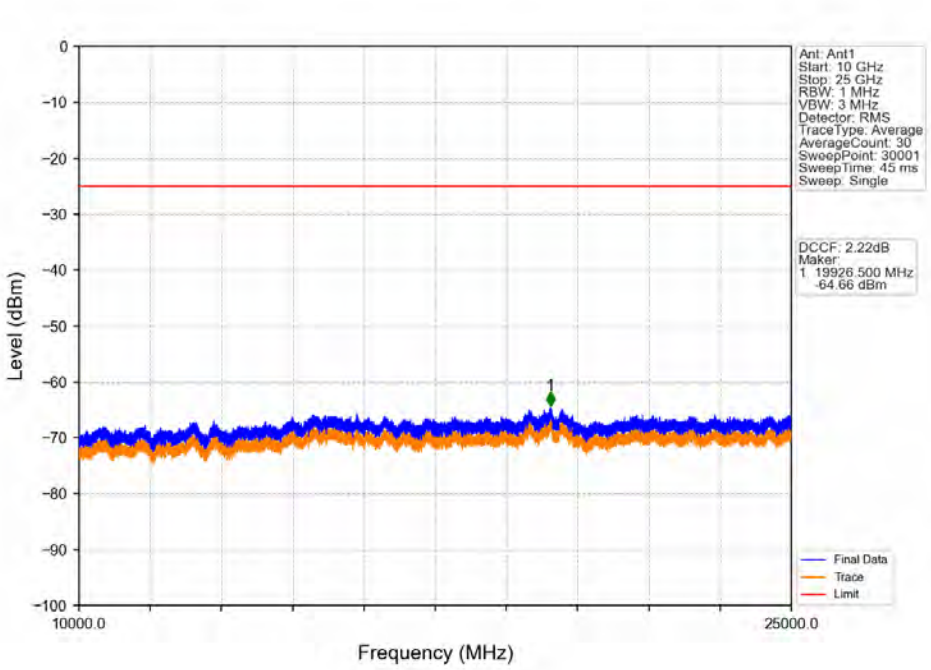


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2568.490	-31.57	-10	Pass
2569	2570	0.02	/	2	2569.990	-33.77	-10	Pass
2570	2600	0.02	/	/	/	/	/	/

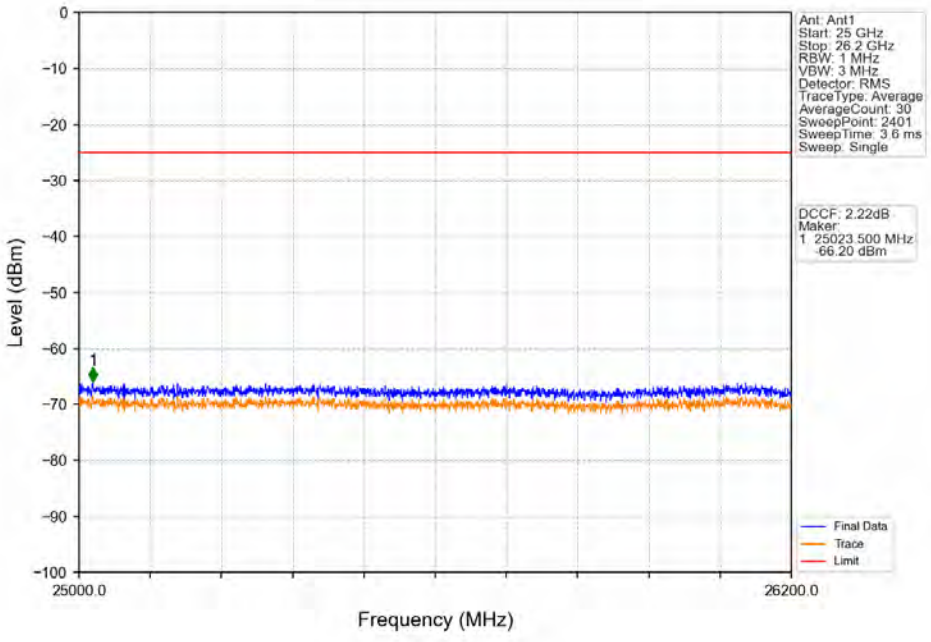
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



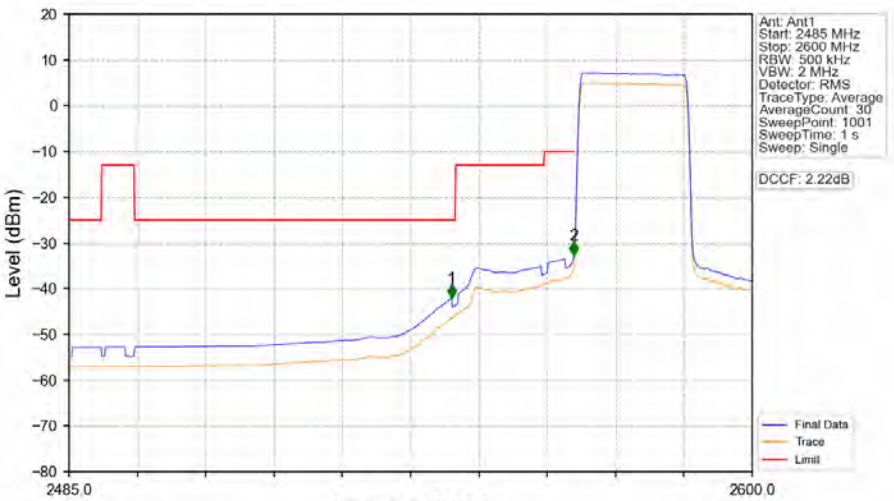
Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_LCH_2580MHz_RB_1_0_NTNV

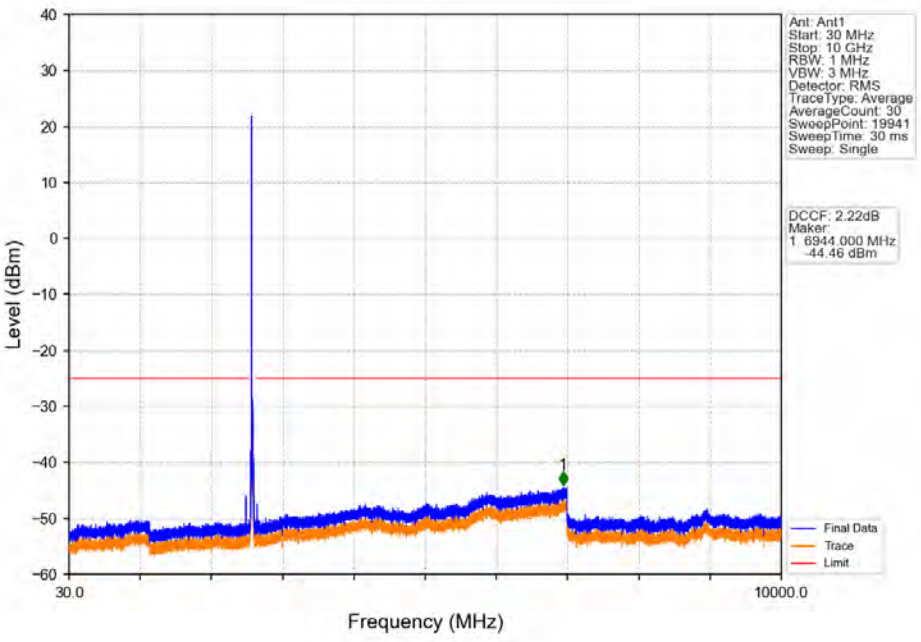


Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV

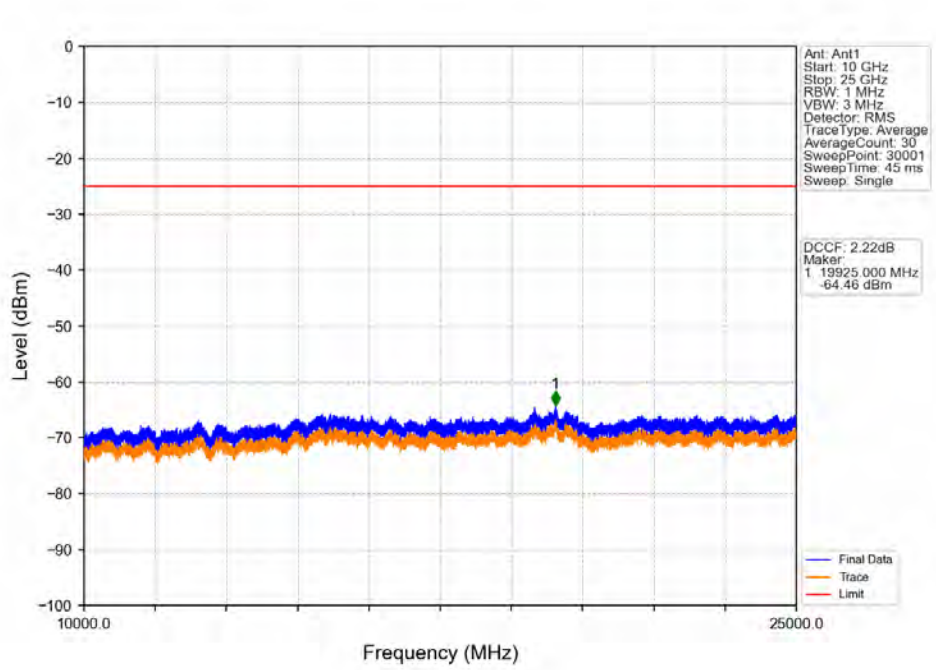


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2549.400	-42.11	-25	Pass
2569	2570	0.5	/	2	2569.985	-32.81	-10	Pass
2570	2600	0.5	/	/	/	/	/	/

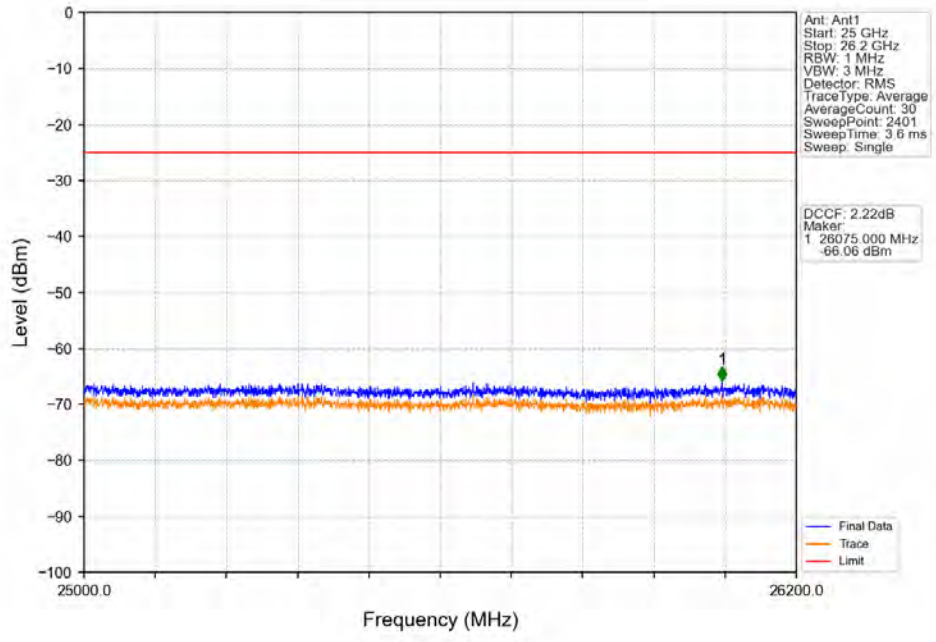
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



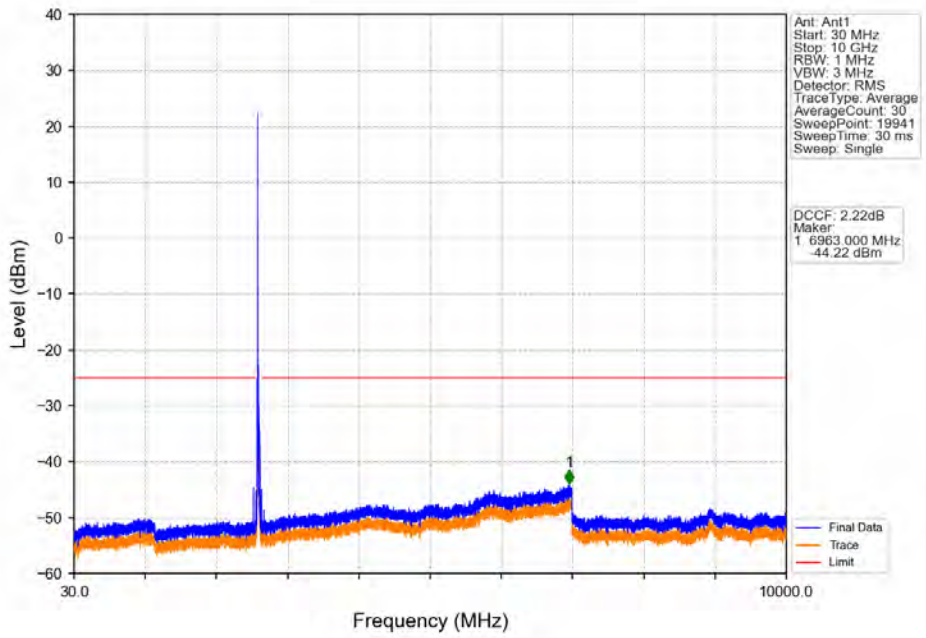
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



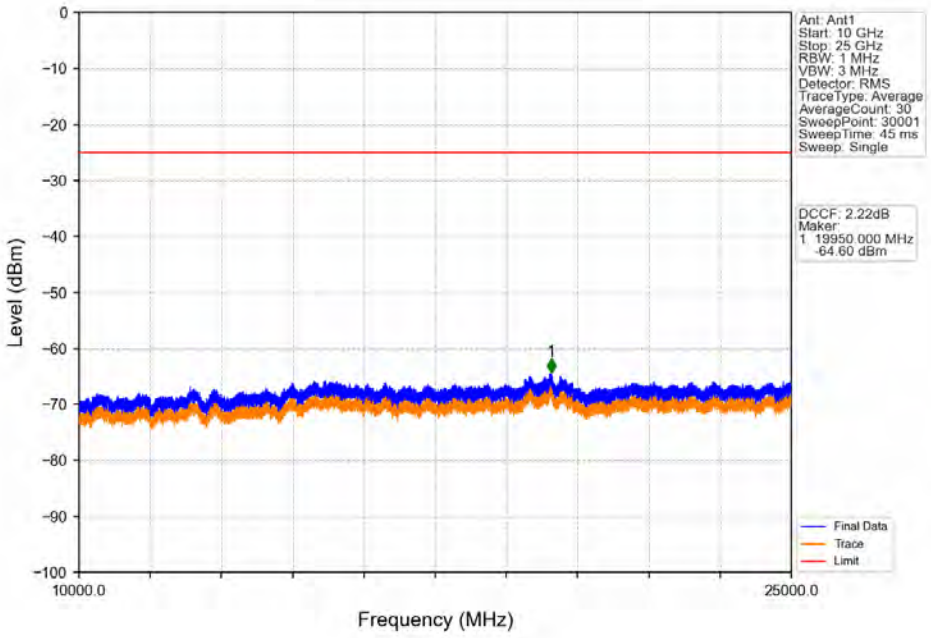
Band38_20MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



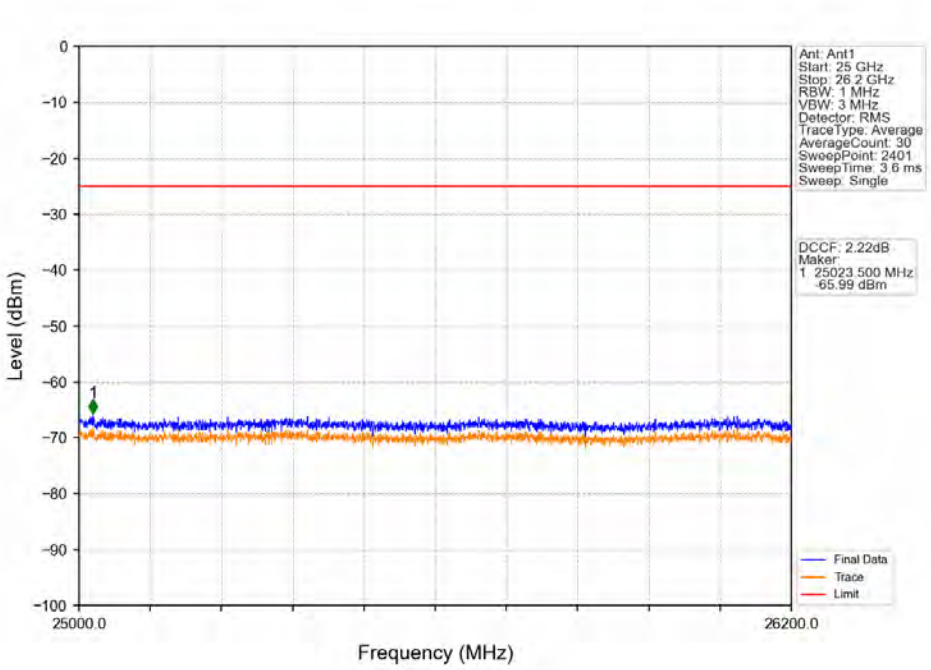
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



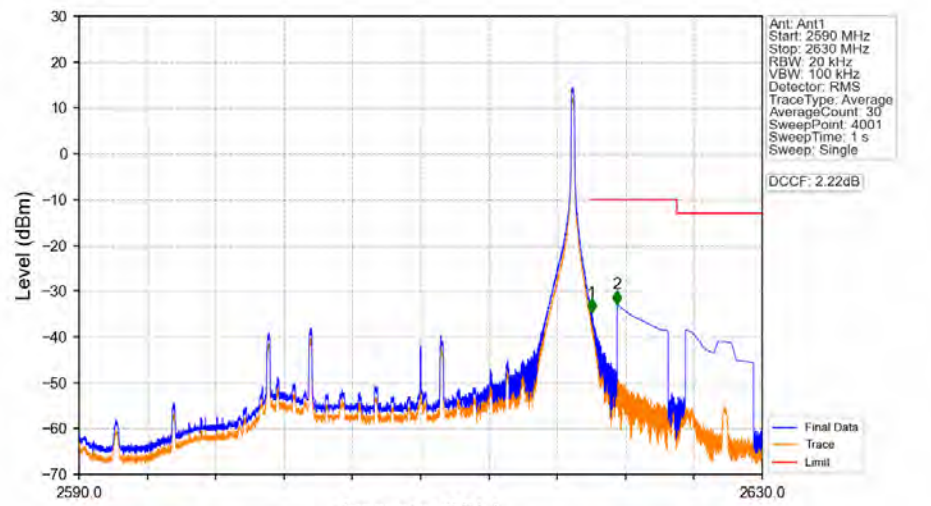
Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV



Band38_20MHz_QPSK_HCH_2610MHz_RB_1_0_NTNV

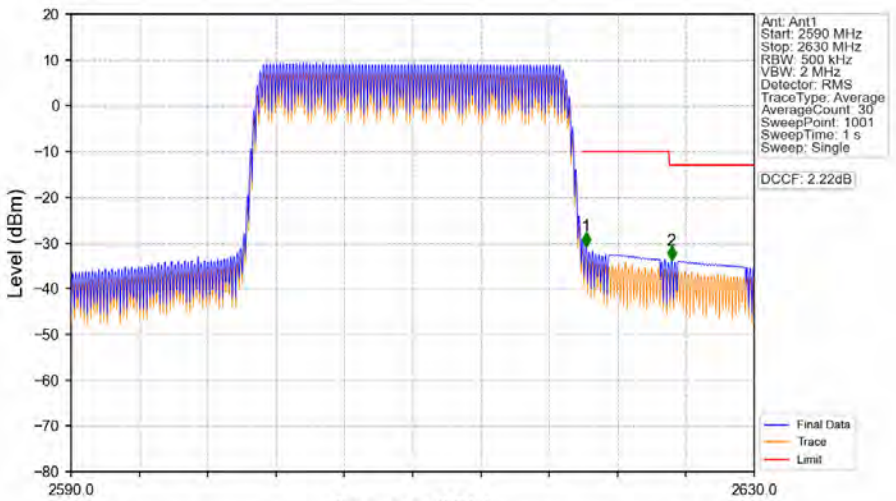


Band38_20MHz_QPSK_HCH_2610MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.02	/	/	/	/	/	/
2620	2621	0.02	/	1	2620.020	-34.80	-10	Pass
2621	2630	1	CHP	2	2621.510	-32.88	-10	Pass

Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.5	/	/	/	/	/	/
2620	2621	0.5	/	1	2620.160	-30.72	-10	Pass
2621	2630	1	CHP	2	2625.160	-33.82	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 38 ANT13-Low channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5142.0	-61.04	-25	-36.04	-66.65	4.62	10.23	Horizontal	Pass
7713.0	-59.8	-25	-34.8	-66.83	4.96	11.99	Horizontal	Pass
10284.0	-50.8	-25	-25.8	-58.37	5.51	13.08	Horizontal	Pass
5142.0	-60.52	-25	-35.52	-66.13	4.62	10.23	Vertical	Pass
7713.0	-60.19	-25	-35.19	-67.22	4.96	11.99	Vertical	Pass
10284.0	-55.96	-25	-30.96	-63.53	5.51	13.08	Vertical	Pass

LTE Band 38 ANT13-Middle channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5172.0	-60.95	-25	-35.95	-66.57	4.63	10.25	Horizontal	Pass
7758.0	-59.36	-25	-34.36	-66.44	4.96	12.04	Horizontal	Pass
10344.0	-52.91	-25	-27.91	-60.48	5.52	13.09	Horizontal	Pass
5172.0	-60.85	-25	-35.85	-66.47	4.63	10.25	Vertical	Pass
7758.0	-59.37	-25	-34.37	-66.45	4.96	12.04	Vertical	Pass
10344.0	-55.9	-25	-30.9	-63.47	5.52	13.09	Vertical	Pass

LTE Band 38 ANT13-High channel								
Frequency (MHz)	**EIRP (dBm)**	**Limit (dBm)**	**Over Limit (dB)**	**S.G. Power (dBm)**	**Cable Loss (dB)**	**Antenna Gain (dBi)**	**Polarization (H/V)**	**Result**
5202.0	-59.92	-25	-34.92	-65.56	4.63	10.27	Horizontal	Pass
7803.0	-59.35	-25	-34.35	-66.49	4.96	12.1	Horizontal	Pass
10404.0	-53.03	-25	-28.03	-60.61	5.52	13.1	Horizontal	Pass
5202.0	-60.7	-25	-35.7	-66.34	4.63	10.27	Vertical	Pass
7803.0	-59.67	-25	-34.67	-66.81	4.96	12.1	Vertical	Pass
10404.0	-56.52	-25	-31.52	-64.1	5.52	13.1	Vertical	Pass

1) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---