1. Effective (Isotropic) Radiated Power Output Data-PC2

1.1 B38_5MHz_EIRP

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	25.62	25.62	1.4	27.02	<=33.01	Pass
			13	25.55	1.4	26.95	<=33.01	Pass
			24	25.6	1.4	27	<=33.01	Pass
		12	0	26.03	1.4	27.43	<=33.01	Pass
			6	26.1	1.4	27.5	<=33.01	Pass
			13	25.82	1.4	27.22	<=33.01	Pass
		25	0	25.9	1.4	27.3	<=33.01	Pass
	2595	1	0	25.57	1.4	26.97	<=33.01	Pass
			13	25.54	1.4	26.94	<=33.01	Pass
			24	25.43	1.4	26.83	<=33.01	Pass
		12	0	26.09	1.4	27.49	<=33.01	Pass
			6	25.83	1.4	27.23	<=33.01	Pass
			13	25.76	1.4	27.16	<=33.01	Pass
		25	0	25.81	1.4	27.21	<=33.01	Pass
	2617.5	1	0	25.26	1.4	26.66	<=33.01	Pass
			13	25.22	1.4	26.62	<=33.01	Pass
			24	25.1	1.4	26.5	<=33.01	Pass
		12	0	25.63	1.4	27.03	<=33.01	Pass
			6	25.67	1.4	27.07	<=33.01	Pass
			13	25.47	1.4	26.87	<=33.01	Pass
		25	0	25.42	1.4	26.82	<=33.01	Pass
16QAM	2572.5	1	0	26.26	1.4	27.66	<=33.01	Pass
			13	26.16	1.4	27.56	<=33.01	Pass
			24	26.01	1.4	27.41	<=33.01	Pass
		12	0	25.24	1.4	26.64	<=33.01	Pass
			6	25.39	1.4	26.79	<=33.01	Pass
			13	25.29	1.4	26.69	<=33.01	Pass
		25	0	25.34	1.4	26.74	<=33.01	Pass
	2595	1	0	25.9	1.4	27.3	<=33.01	Pass
			13	25.94	1.4	27.34	<=33.01	Pass
			24	25.94	1.4	27.34	<=33.01	Pass
		12	0	25.36	1.4	26.76	<=33.01	Pass

			6	25.22	1.4	26.62	<=33.01	Pass
			13	25.15	1.4	26.55	<=33.01	Pass
		25	0	25.51	1.4	26.91	<=33.01	Pass
	2617.5	1	0	25.7	1.4	27.1	<=33.01	Pass
			13	25.9	1.4	27.3	<=33.01	Pass
			24	25.62	1.4	27.02	<=33.01	Pass
		12	0	25.25	1.4	26.65	<=33.01	Pass
			6	24.88	1.4	26.28	<=33.01	Pass
			13	24.81	1.4	26.21	<=33.01	Pass
		25	0	24.98	1.4	26.38	<=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	25.58	1.4	26.98	<=33.01	Pass
			25	25.57	1.4	26.97	<=33.01	Pass
			49	25.47	1.4	26.87	<=33.01	Pass
		25	0	26.06	1.4	27.46	<=33.01	Pass
			13	25.9	1.4	27.3	<=33.01	Pass
			25	25.88	1.4	27.28	<=33.01	Pass
		50	0	26.08	1.4	27.48	<=33.01	Pass
	2595	1	0	25.57	1.4	26.97	<=33.01	Pass
			25	25.56	1.4	26.96	<=33.01	Pass
			49	25.42	1.4	26.82	<=33.01	Pass
		25	0	26.04	1.4	27.44	<=33.01	Pass
			13	25.83	1.4	27.23	<=33.01	Pass
			25	25.74	1.4	27.14	<=33.01	Pass
		50	0	26	1.4	27.4	<=33.01	Pass
	2615	1	0	25.62	1.4	27.02	<=33.01	Pass
			25	25.62	1.4	27.02	<=33.01	Pass
			49	25.4	1.4	26.8	<=33.01	Pass
		25	0	26.02	1.4	27.42	<=33.01	Pass
			13	26.12	1.4	27.52	<=33.01	Pass
			25	25.87	1.4	27.27	<=33.01	Pass
		50	0	26	1.4	27.4	<=33.01	Pass

16QAM	2575	1	0	25.84	1.4	27.24	<=33.01	Pass
			25	25.91	1.4	27.31	<=33.01	Pass
			49	26.02	1.4	27.42	<=33.01	Pass
		25	0	25.21	1.4	26.61	<=33.01	Pass
			13	25.41	1.4	26.81	<=33.01	Pass
			25	25.37	1.4	26.77	<=33.01	Pass
		50	0	25.64	1.4	27.04	<=33.01	Pass
	2595	1	0	25.89	1.4	27.29	<=33.01	Pass
			25	25.86	1.4	27.26	<=33.01	Pass
			49	25.77	1.4	27.17	<=33.01	Pass
		25	0	25.41	1.4	26.81	<=33.01	Pass
			13	25.3	1.4	26.7	<=33.01	Pass
			25	25.46	1.4	26.86	<=33.01	Pass
		50	0	25.18	1.4	26.58	<=33.01	Pass
	2615	1	0	26.14	1.4	27.54	<=33.01	Pass
			25	25.95	1.4	27.35	<=33.01	Pass
			49	26.01	1.4	27.41	<=33.01	Pass
		25	0	25.28	1.4	26.68	<=33.01	Pass
			13	25.23	1.4	26.63	<=33.01	Pass
			25	25.44	1.4	26.84	<=33.01	Pass
		50	0	25.38	1.4	26.78	<=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	25.72	1.4	27.12	<=33.01	Pass
			38	25.73	1.4	27.13	<=33.01	Pass
			74	25.64	1.4	27.04	<=33.01	Pass
		36	0	24.83	1.4	26.23	<=33.01	Pass
			18	24.82	1.4	26.22	<=33.01	Pass
			39	24.81	1.4	26.21	<=33.01	Pass
		75	0	24.84	1.4	26.24	<=33.01	Pass
	2595	1	0	25.66	1.4	27.06	<=33.01	Pass
			38	25.66	1.4	27.06	<=33.01	Pass
			74	25.53	1.4	26.93	<=33.01	Pass

		36	0	26.11	1.4	27.51	<=33.01	Pass
			18	26.03	1.4	27.43	<=33.01	Pass
			39	26.02	1.4	27.42	<=33.01	Pass
		75	0	25.98	1.4	27.38	<=33.01	Pass
	2612.5	1	0	25.51	1.4	26.91	<=33.01	Pass
			38	25.42	1.4	26.82	<=33.01	Pass
			74	25.25	1.4	26.65	<=33.01	Pass
		36	0	25.7	1.4	27.1	<=33.01	Pass
			18	25.82	1.4	27.22	<=33.01	Pass
			39	25.84	1.4	27.24	<=33.01	Pass
		75	0	25.84	1.4	27.24	<=33.01	Pass
16QAM	2577.5	1	0	24.96	1.4	26.36	<=33.01	Pass
			38	24.9	1.4	26.3	<=33.01	Pass
			74	25.92	1.4	27.32	<=33.01	Pass
		36	0	25.73	1.4	27.13	<=33.01	Pass
			18	25.61	1.4	27.01	<=33.01	Pass
			39	25.32	1.4	26.72	<=33.01	Pass
		75	0	25.78	1.4	27.18	<=33.01	Pass
	2595	1	0	24.84	1.4	26.24	<=33.01	Pass
			38	26.02	1.4	27.42	<=33.01	Pass
			74	25.93	1.4	27.33	<=33.01	Pass
		36	0	25.38	1.4	26.78	<=33.01	Pass
			18	25.54	1.4	26.94	<=33.01	Pass
			39	25.18	1.4	26.58	<=33.01	Pass
		75	0	25.3	1.4	26.7	<=33.01	Pass
	2612.5	1	0	26.08	1.4	27.48	<=33.01	Pass
			38	26.05	1.4	27.45	<=33.01	Pass
			74	25.59	1.4	26.99	<=33.01	Pass
		36	0	25.44	1.4	26.84	<=33.01	Pass
			18	25.3	1.4	26.7	<=33.01	Pass
			39	25.16	1.4	26.56	<=33.01	Pass
		75	0	25.46	1.4	26.86	<=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	25.72	1.4	27.12	<=33.01	Pass
			50	25.59	1.4	26.99	<=33.01	Pass
			99	25.55	1.4	26.95	<=33.01	Pass
		50	0	26.09	1.4	27.49	<=33.01	Pass
			25	25.95	1.4	27.35	<=33.01	Pass
			50	26.03	1.4	27.43	<=33.01	Pass
		100	0	26.19	1.4	27.59	<=33.01	Pass
	2595	1	0	25.59	1.4	26.99	<=33.01	Pass
			50	25.54	1.4	26.94	<=33.01	Pass
			99	25.37	1.4	26.77	<=33.01	Pass
		50	0	25.93	1.4	27.33	<=33.01	Pass
			25	26.13	1.4	27.53	<=33.01	Pass
			50	25.82	1.4	27.22	<=33.01	Pass
		100	0	26.03	1.4	27.43	<=33.01	Pass
	2610	1	0	25.51	1.4	26.91	<=33.01	Pass
			50	25.37	1.4	26.77	<=33.01	Pass
			99	25.16	1.4	26.56	<=33.01	Pass
		50	0	25.95	1.4	27.35	<=33.01	Pass
			25	25.94	1.4	27.34	<=33.01	Pass
			50	25.81	1.4	27.21	<=33.01	Pass
		100	0	25.8	1.4	27.2	<=33.01	Pass
16QAM	2580	1	0	26.23	1.4	27.63	<=33.01	Pass
			50	26.13	1.4	27.53	<=33.01	Pass
			99	25.87	1.4	27.27	<=33.01	Pass
		50	0	25.6	1.4	27	<=33.01	Pass
			25	25.43	1.4	26.83	<=33.01	Pass
			50	25.35	1.4	26.75	<=33.01	Pass
		100	0	25.53	1.4	26.93	<=33.01	Pass
	2595	1	0	26	1.4	27.4	<=33.01	Pass
			50	25.87	1.4	27.27	<=33.01	Pass
			99	25.86	1.4	27.26	<=33.01	Pass
		50	0	25.47	1.4	26.87	<=33.01	Pass
			25	25.2	1.4	26.6	<=33.01	Pass

			50	25.25	1.4	26.65	<=33.01	Pass
		100	0	25.32	1.4	26.72	<=33.01	Pass
	2610	1	0	25.94	1.4	27.34	<=33.01	Pass
			50	25.89	1.4	27.29	<=33.01	Pass
			99	25.85	1.4	27.25	<=33.01	Pass
		50	0	25.07	1.4	26.47	<=33.01	Pass
			25	25.4	1.4	26.8	<=33.01	Pass
			50	25.29	1.4	26.69	<=33.01	Pass
		100	0	25.1	1.4	26.5	<=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	3.27	-1.700	-0.0007	-2.5 to 2.5	Pass
					3.85	-2.000	-0.0008	-2.5 to 2.5	Pass
					4.43	-2.100	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.000	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-1.300	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.700	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.900	0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.800	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-1.600	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-3.100	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
	2595	100	0	20	3.27	-3.100	-0.0012	-2.5 to 2.5	Pass
					3.85	-4.700	-0.0018	-2.5 to 2.5	Pass
					4.43	1.700	0.0007	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.800	-0.0003	-2.5 to 2.5	Pass
				-10	3.85	-0.100	0.0000	-2.5 to 2.5	Pass
				0	3.85	-0.400	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.100	0.0000	-2.5 to 2.5	Pass
				30	3.85	-1.400	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-3.400	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-2.100	-0.0008	-2.5 to 2.5	Pass
	2610	100	0	20	3.27	-1.900	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.400	-0.0002	-2.5 to 2.5	Pass
					4.43	-2.400	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-3.100	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.900	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-1.800	-0.0007	-2.5 to 2.5	Pass

				10	3.85	-3.200	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-3.000	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-1.300	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.800	-0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

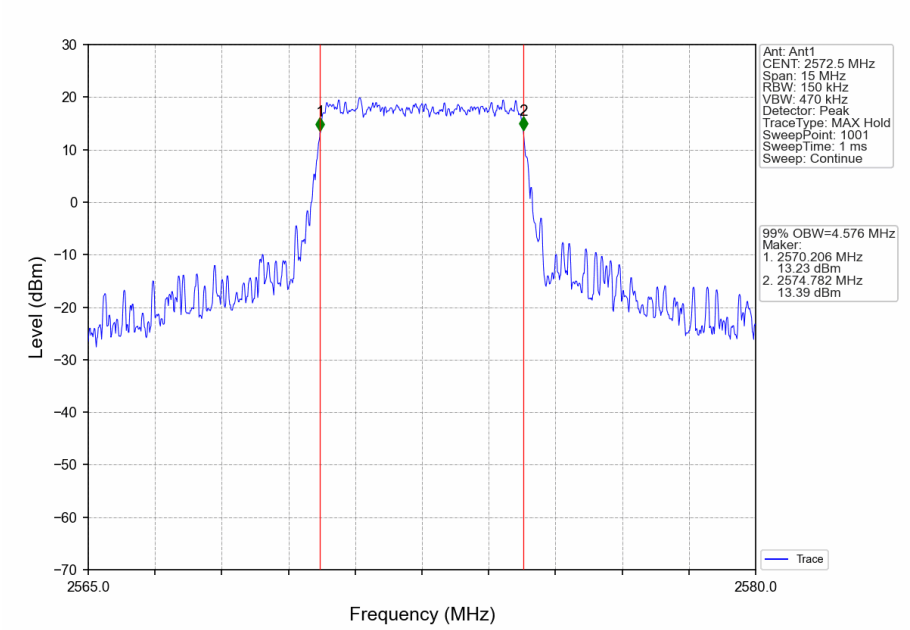
3.1 Band38_OBW

3.1.1 Test Result

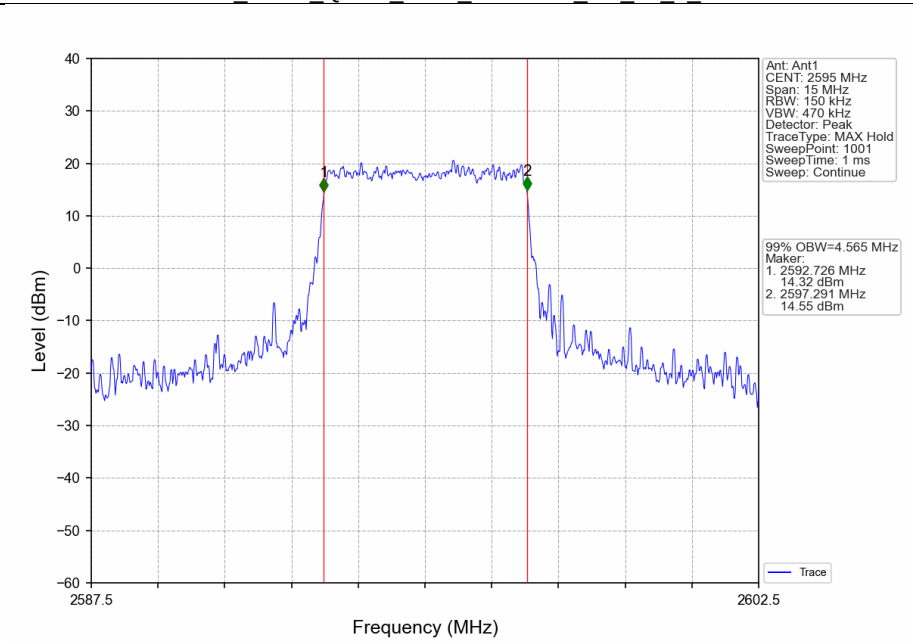
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.576	/	Pass
		2595	25	0	4.565	/	Pass
		2617.5	25	0	4.555	/	Pass
	16QAM	2572.5	25	0	4.567	/	Pass
		2595	25	0	4.563	/	Pass
		2617.5	25	0	4.573	/	Pass
10	QPSK	2575	50	0	9.093	/	Pass
		2595	50	0	9.098	/	Pass
		2615	50	0	9.078	/	Pass
	16QAM	2575	50	0	9.139	/	Pass
		2595	50	0	9.090	/	Pass
		2615	50	0	9.076	/	Pass
15	QPSK	2577.5	75	0	13.601	/	Pass
		2595	75	0	13.664	/	Pass
		2612.5	75	0	13.654	/	Pass
	16QAM	2577.5	75	0	13.631	/	Pass
		2595	75	0	13.652	/	Pass
		2612.5	75	0	13.637	/	Pass
20	QPSK	2580	100	0	18.107	/	Pass
		2595	100	0	18.145	/	Pass
		2610	100	0	18.169	/	Pass
	16QAM	2580	100	0	18.136	/	Pass
		2595	100	0	18.129	/	Pass
		2610	100	0	18.110	/	Pass

3.1.2 Test Graph

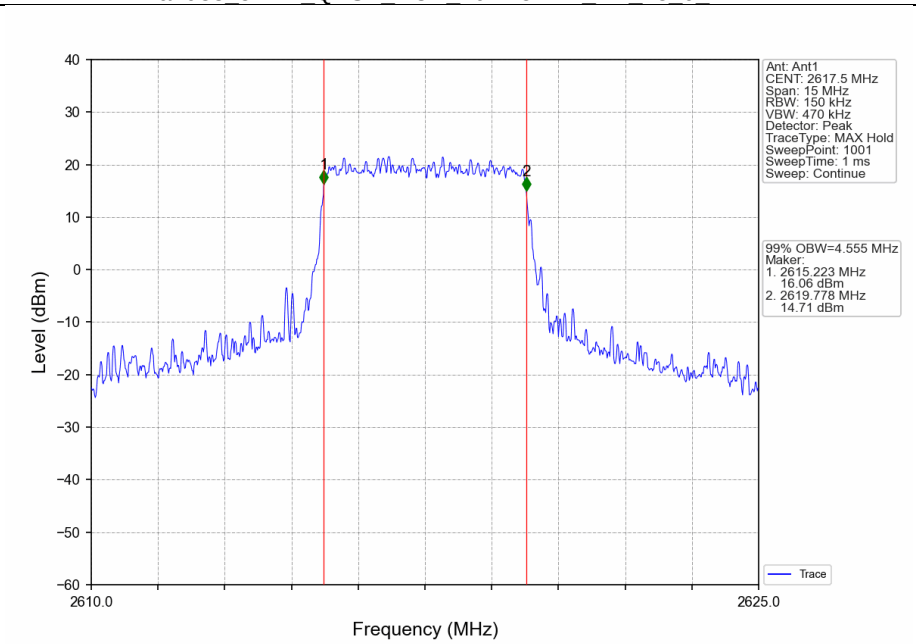
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



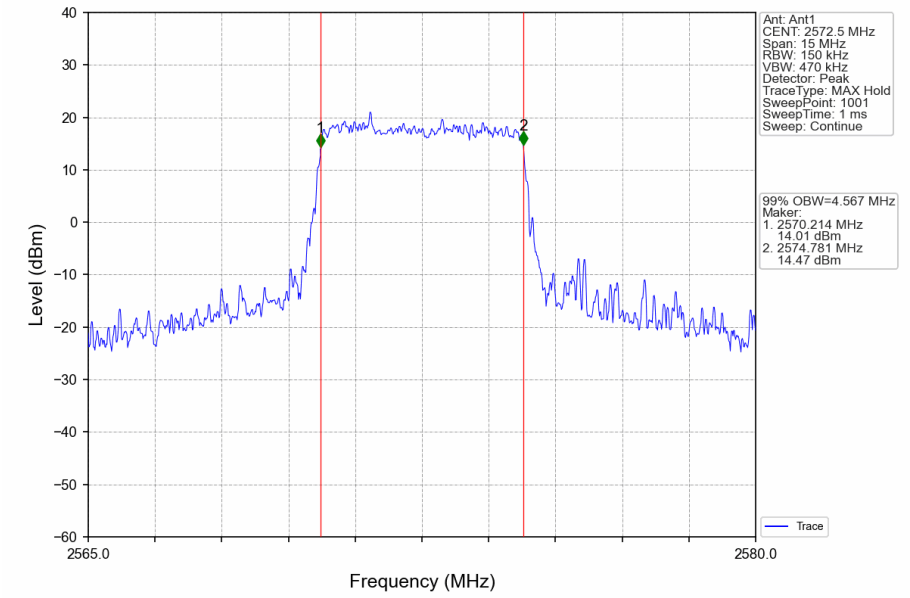
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



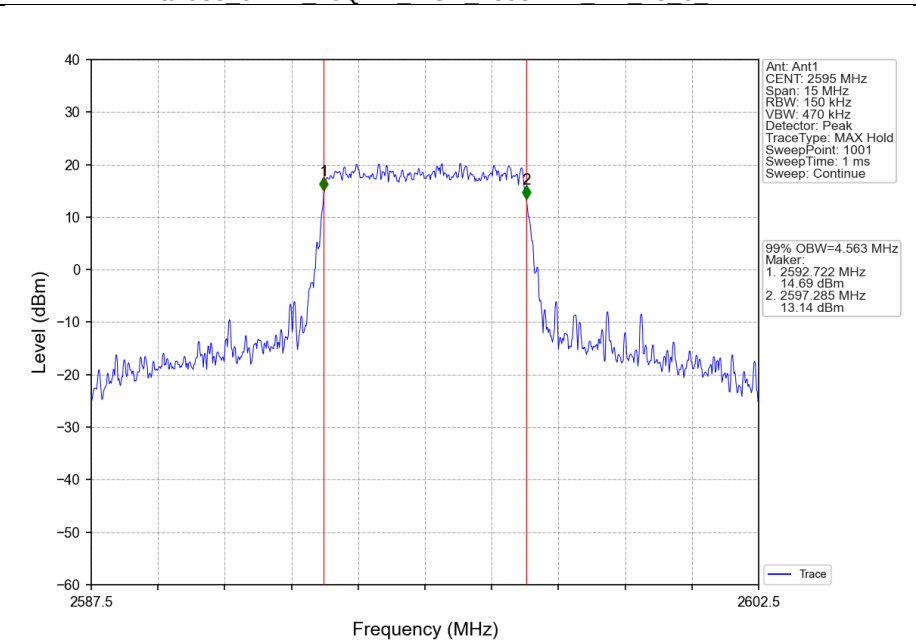
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



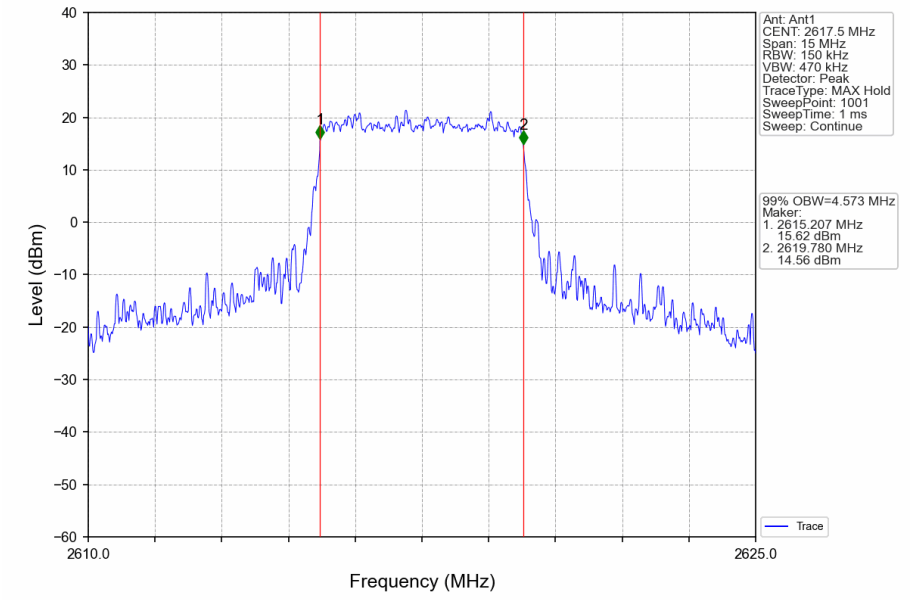
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



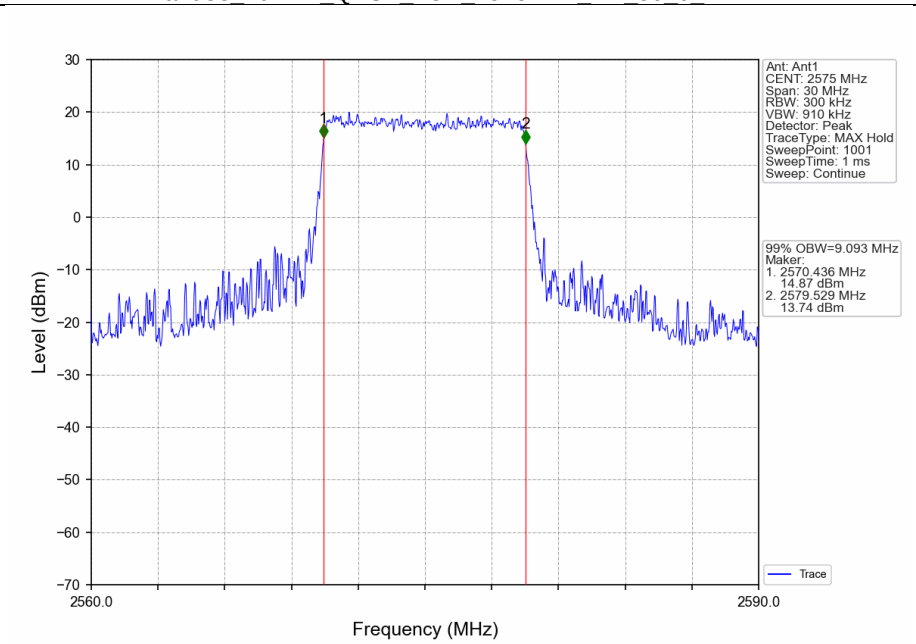
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



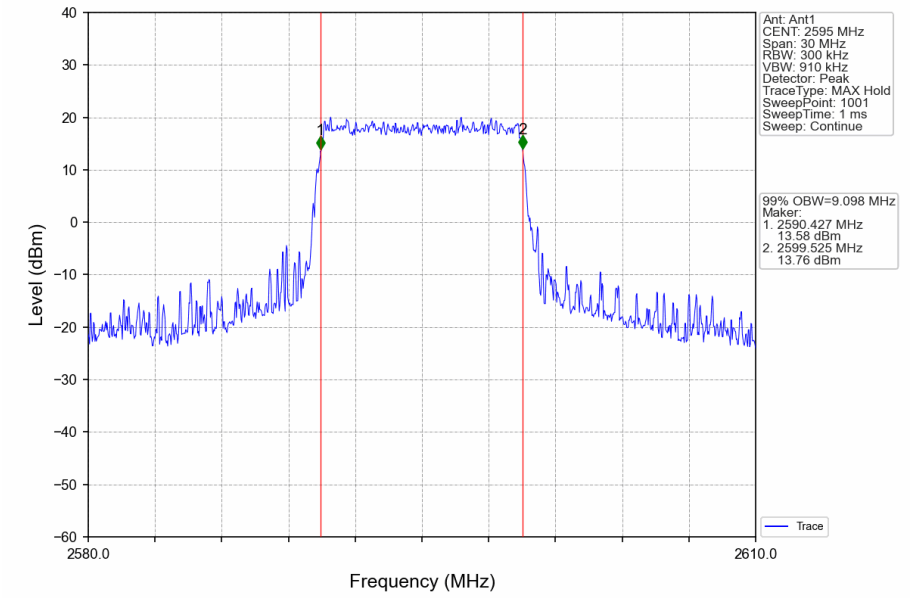
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



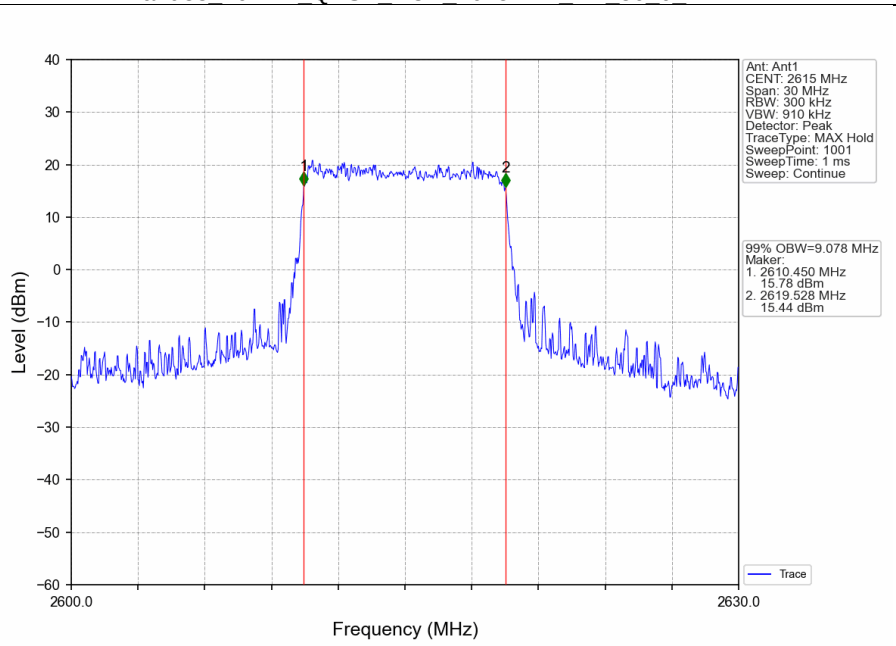
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



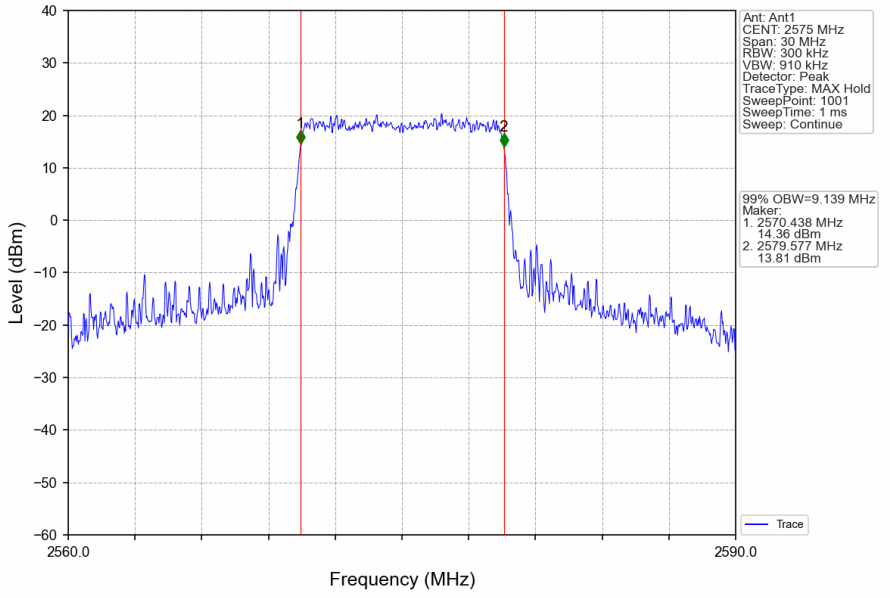
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



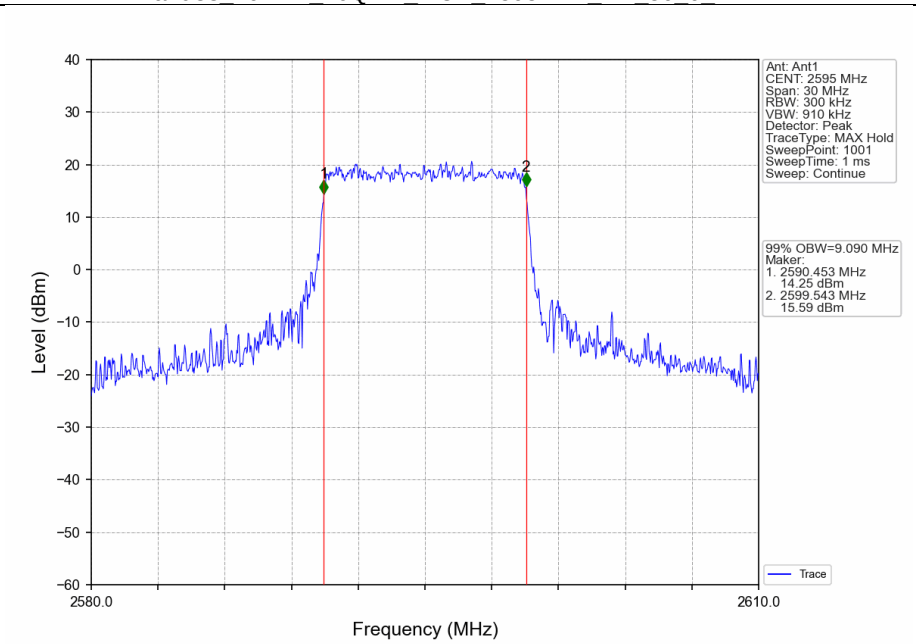
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



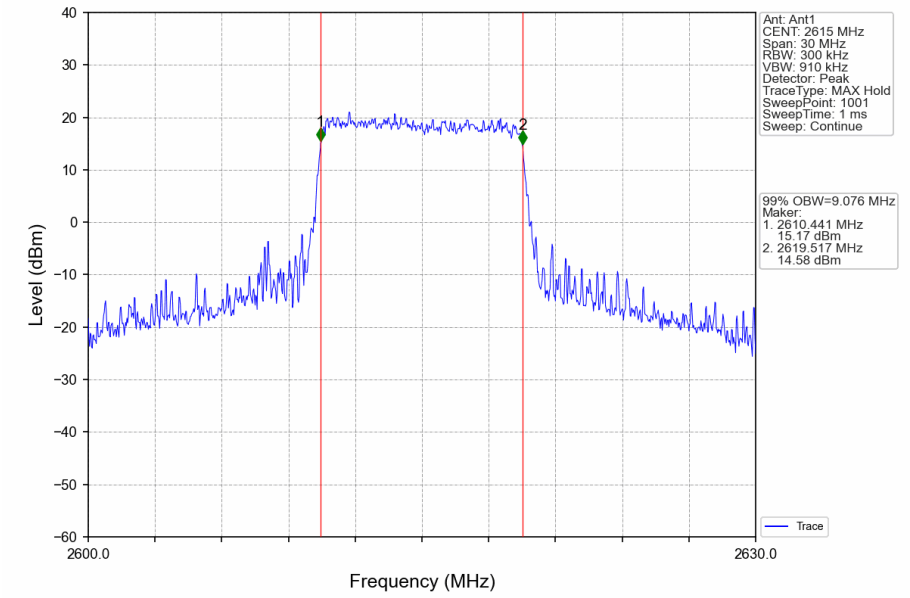
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



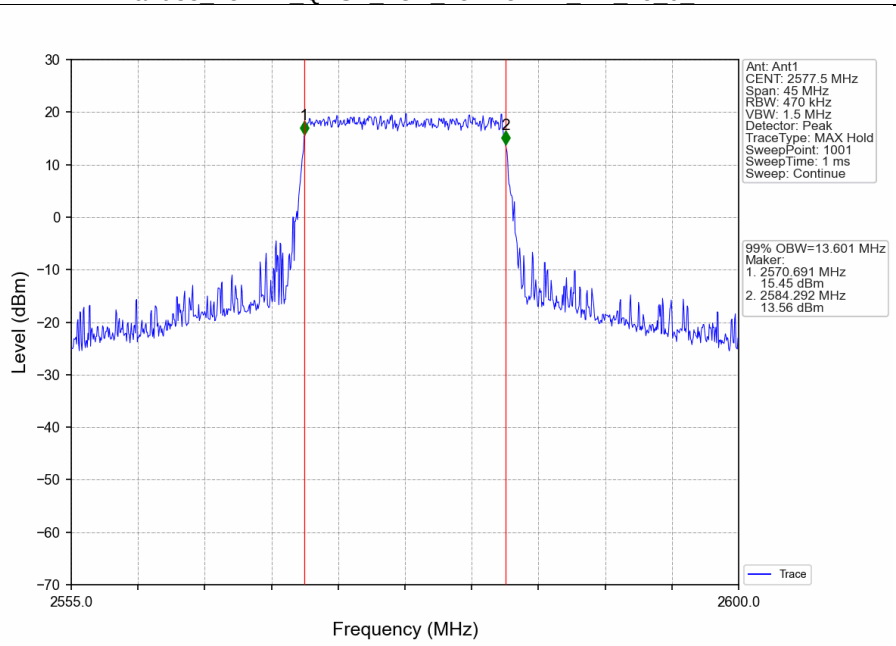
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



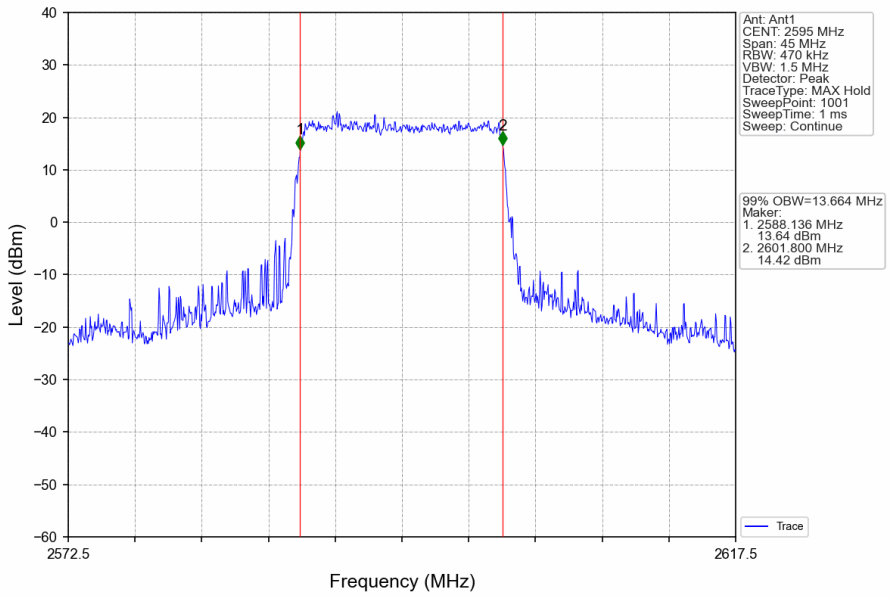
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



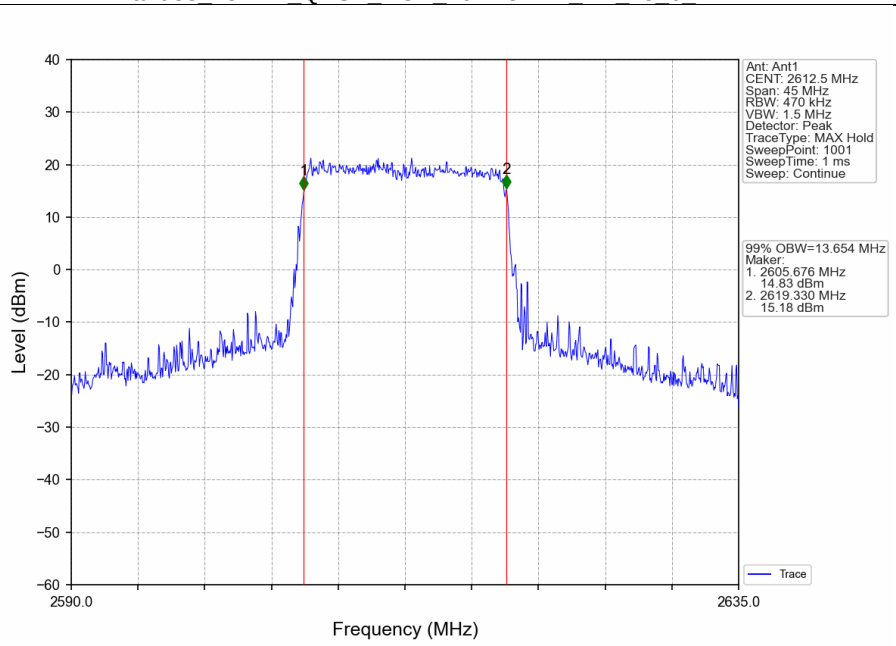
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



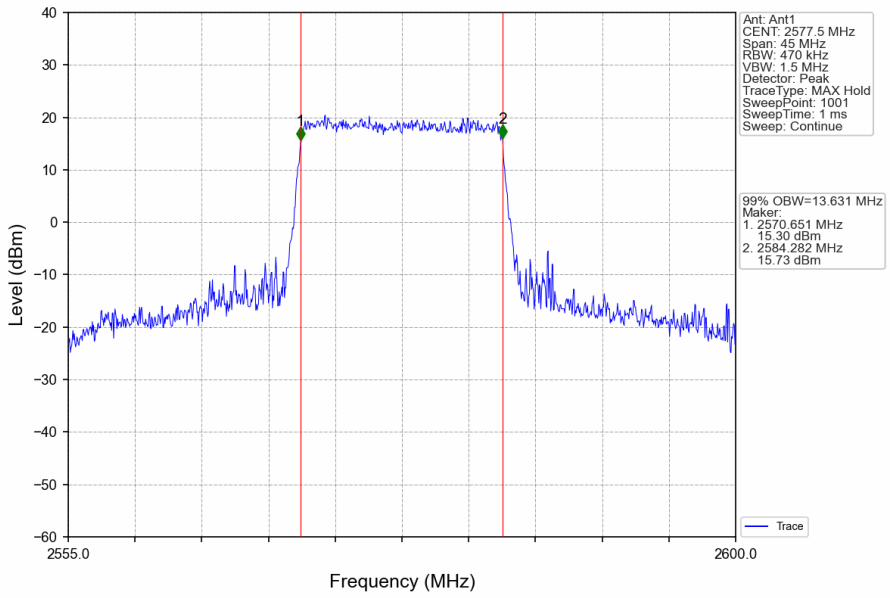
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



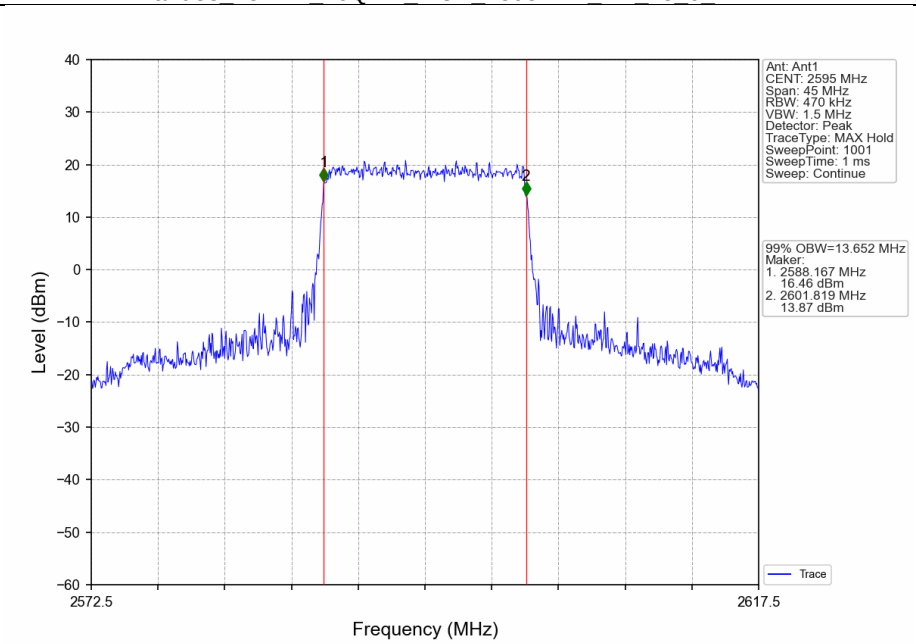
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



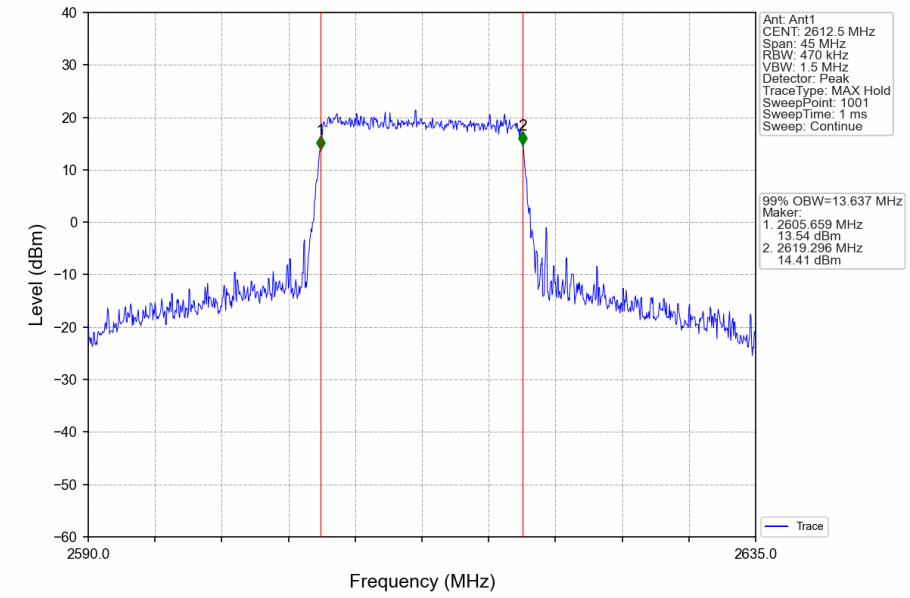
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV

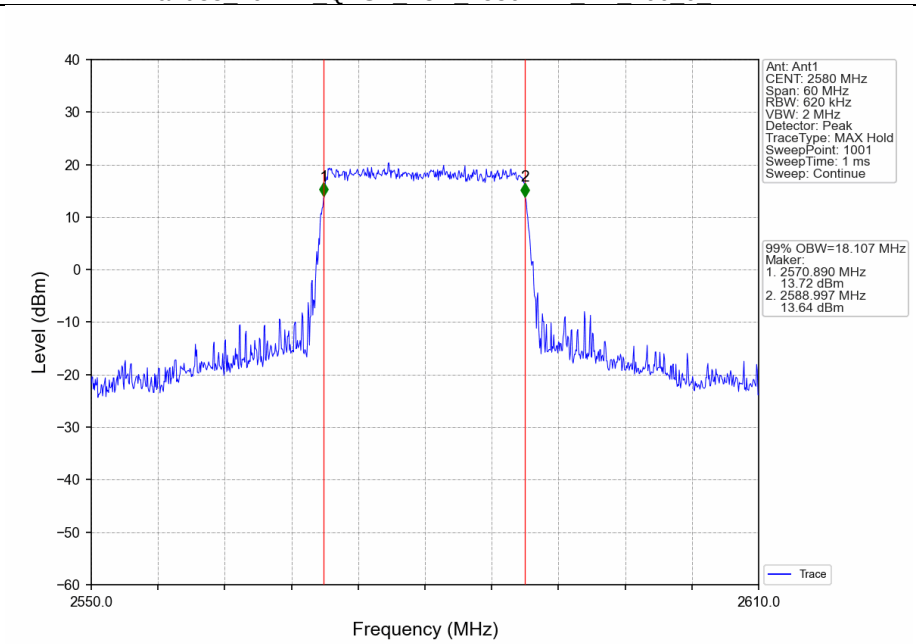


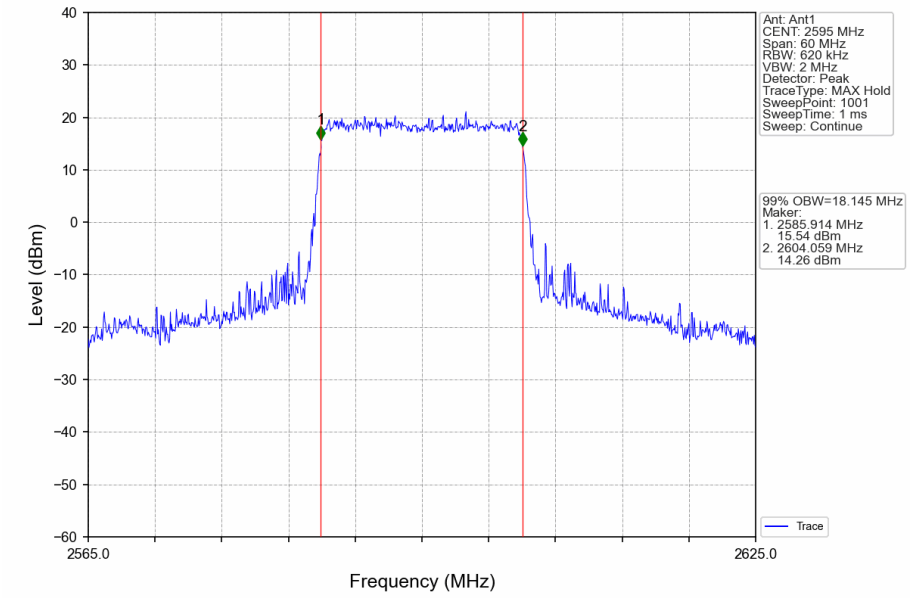
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



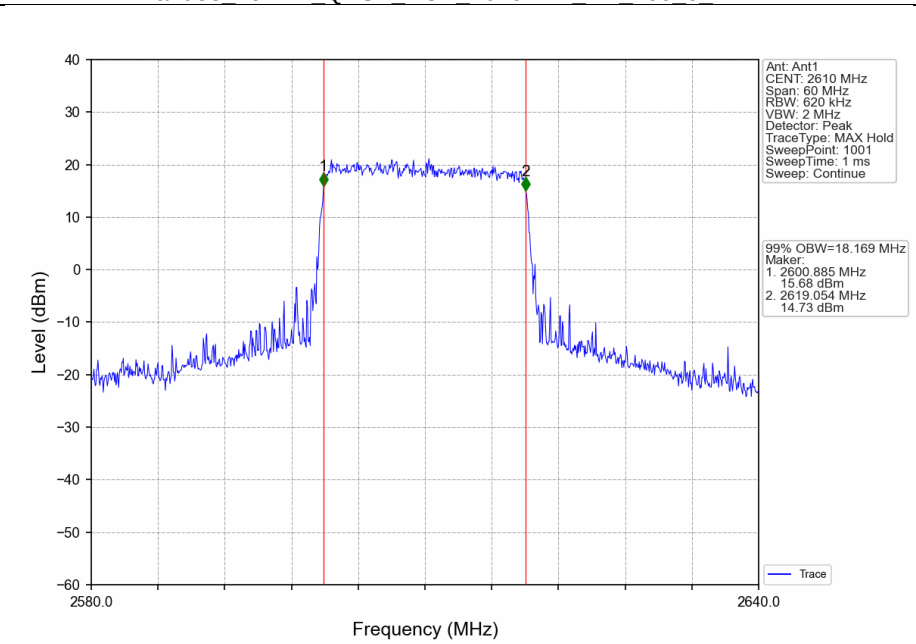
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



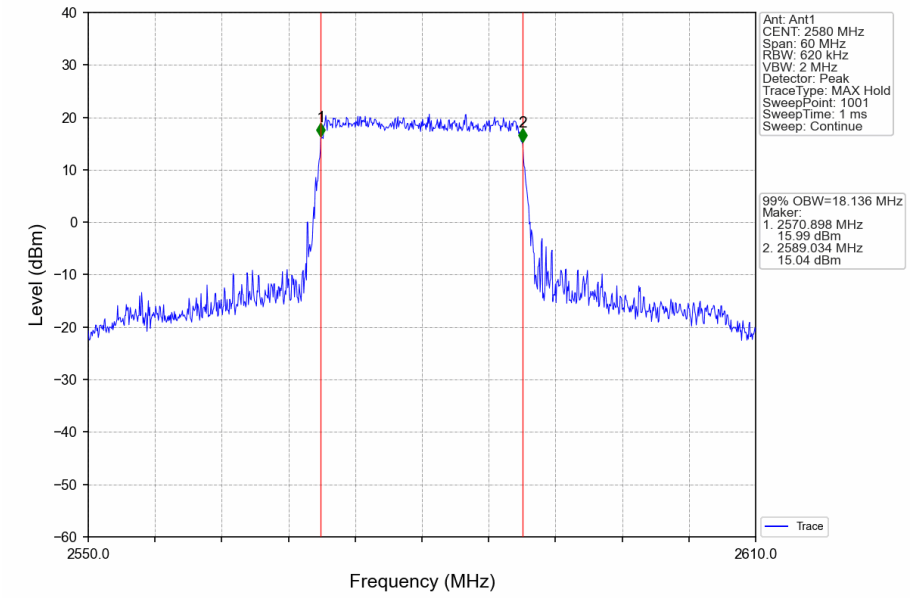
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV


Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV


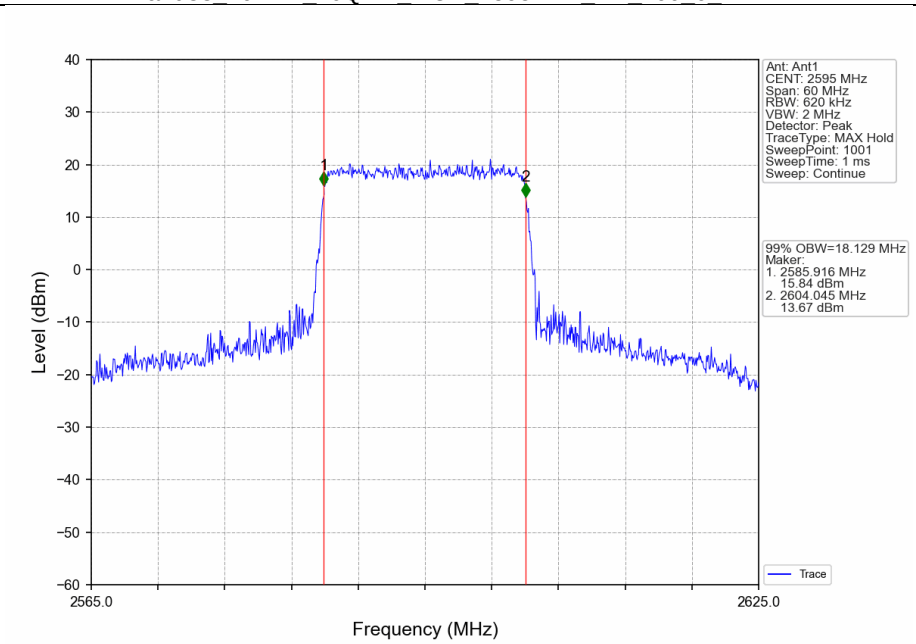
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



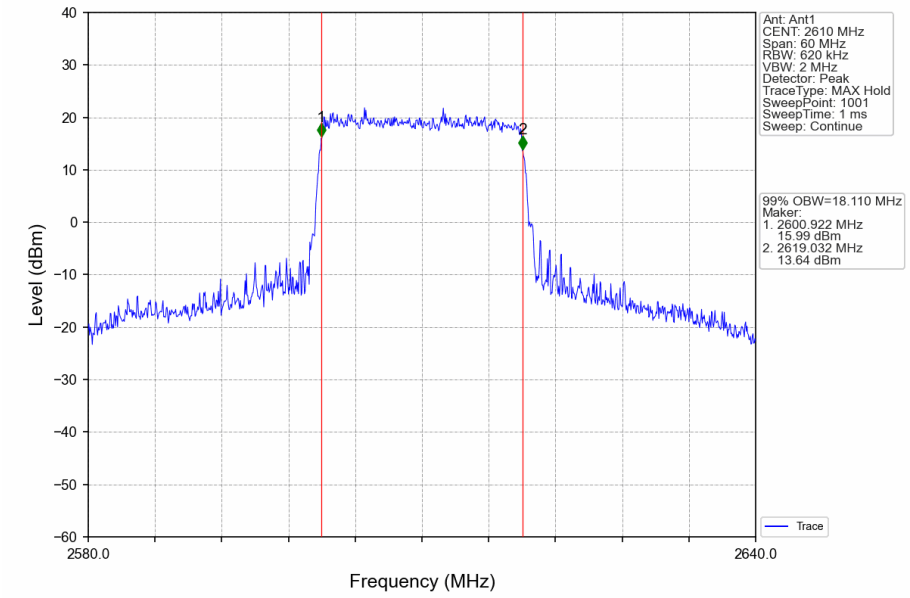
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



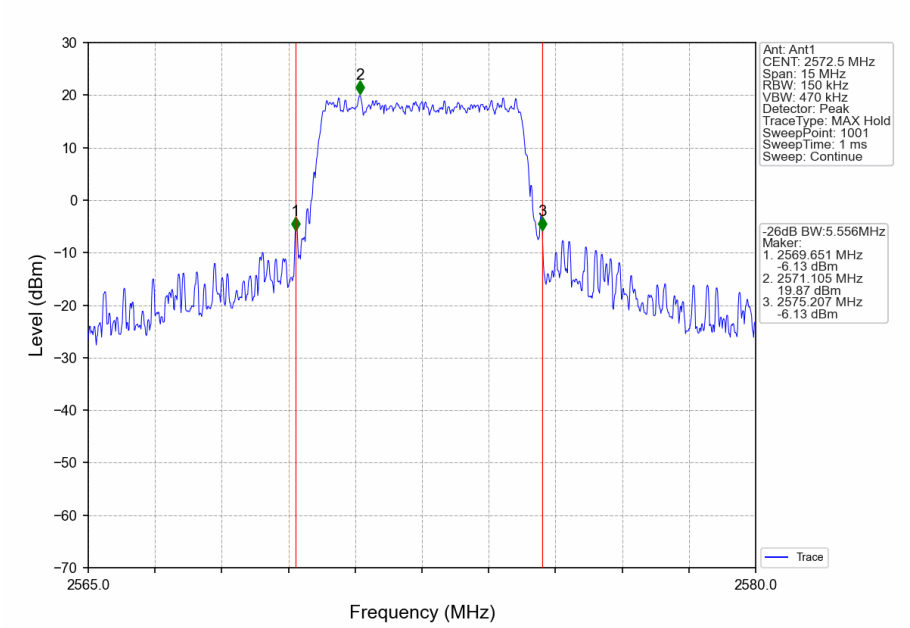
3.2 Band38_XDB

3.2.1 Test Result

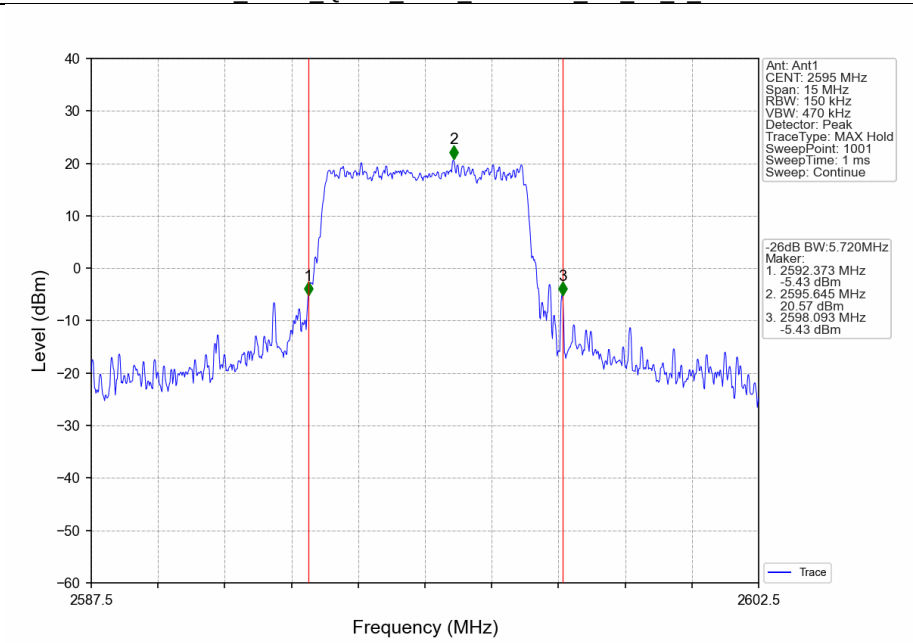
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.556	/	Pass
		2595	25	0	5.720	/	Pass
		2617.5	25	0	5.782	/	Pass
	16QAM	2572.5	25	0	5.127	/	Pass
		2595	25	0	5.198	/	Pass
		2617.5	25	0	5.516	/	Pass
10	QPSK	2575	50	0	12.142	/	Pass
		2595	50	0	11.703	/	Pass
		2615	50	0	10.970	/	Pass
	16QAM	2575	50	0	11.702	/	Pass
		2595	50	0	10.612	/	Pass
		2615	50	0	12.963	/	Pass
15	QPSK	2577.5	75	0	16.482	/	Pass
		2595	75	0	16.052	/	Pass
		2612.5	75	0	15.848	/	Pass
	16QAM	2577.5	75	0	17.445	/	Pass
		2595	75	0	16.692	/	Pass
		2612.5	75	0	16.410	/	Pass
20	QPSK	2580	100	0	20.400	/	Pass
		2595	100	0	21.166	/	Pass
		2610	100	0	21.561	/	Pass
	16QAM	2580	100	0	22.067	/	Pass
		2595	100	0	20.251	/	Pass
		2610	100	0	20.775	/	Pass

3.2.2 Test Graph

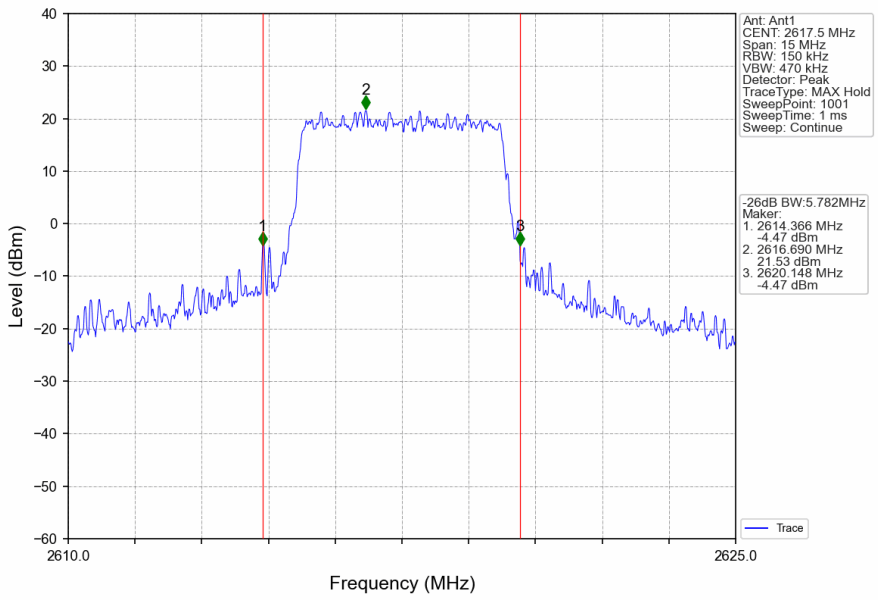
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV



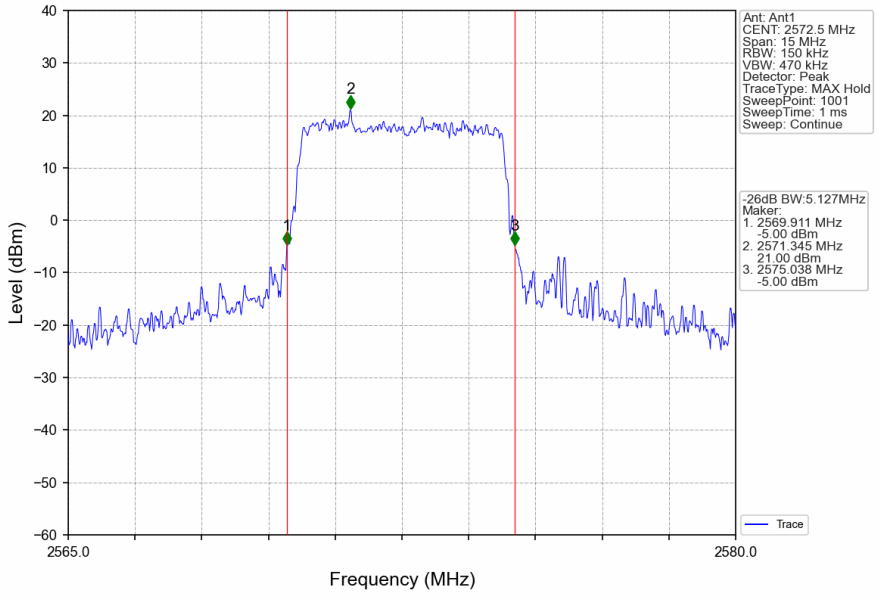
Band38_5MHz_QPSK_MCH_2595MHz_RB_25_0_NTNV



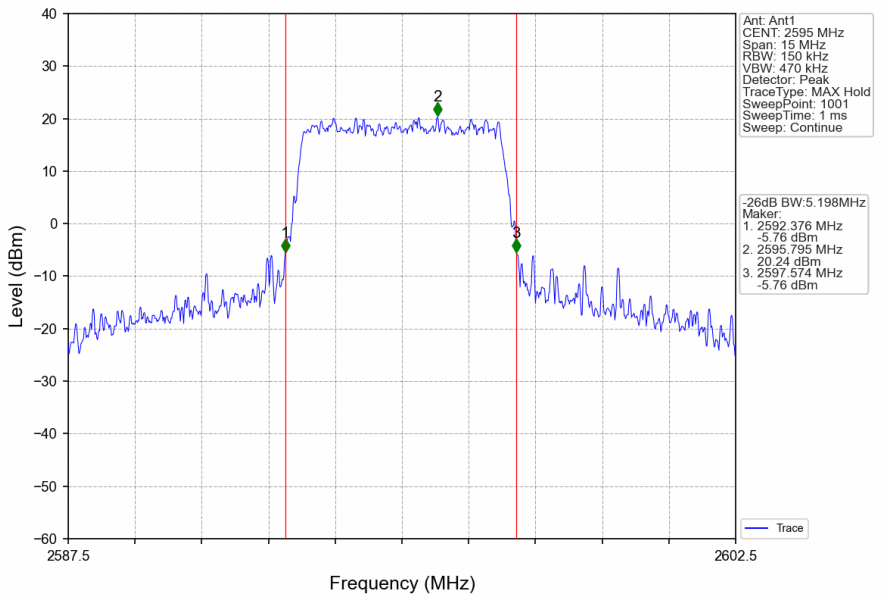
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_25_0_NTNV



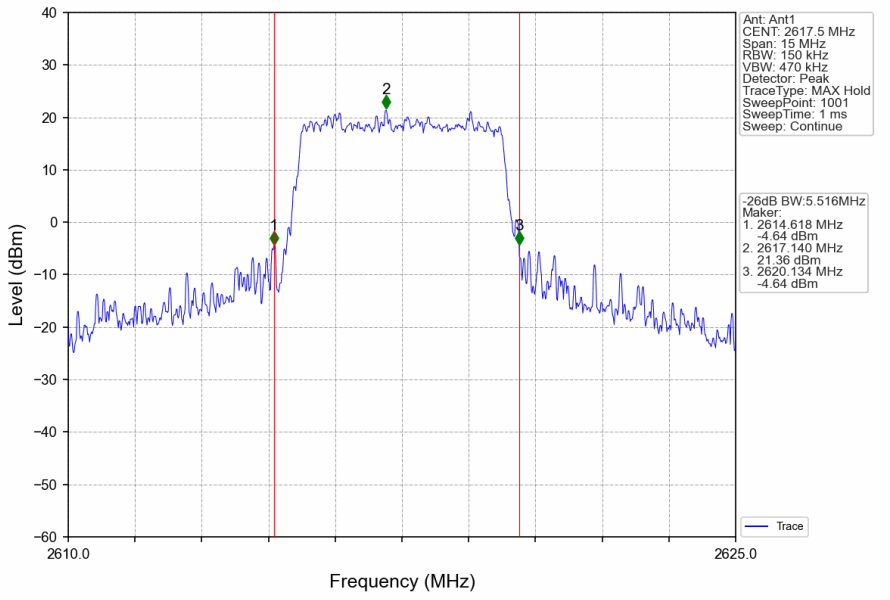
Band38_5MHz_16QAM_LCH_2572.5MHz_RB_25_0_NTNV



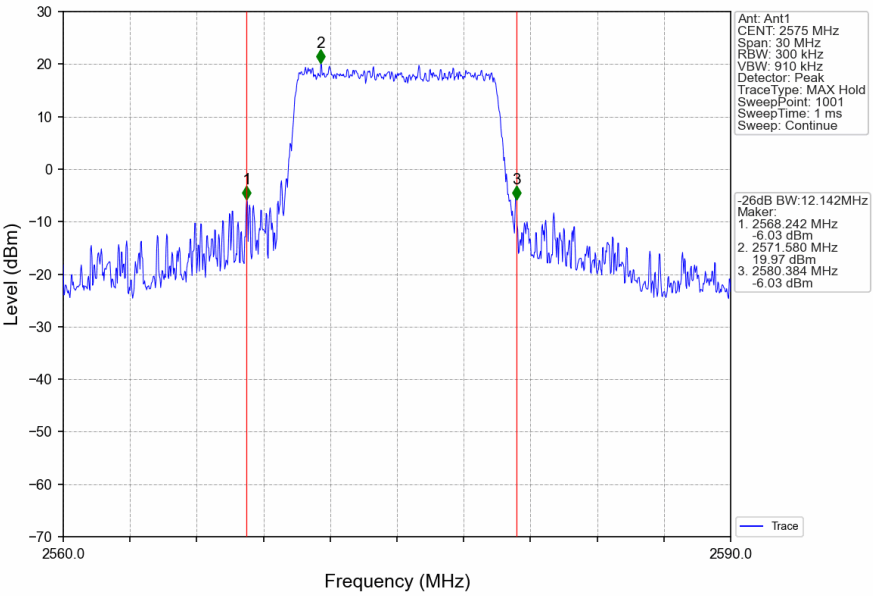
Band38_5MHz_16QAM_MCH_2595MHz_RB_25_0_NTNV



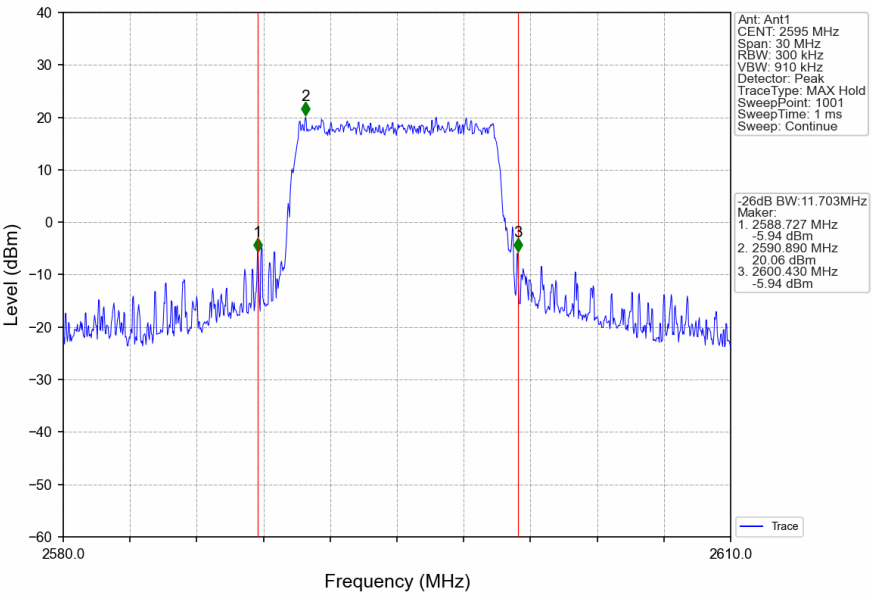
Band38_5MHz_16QAM_HCH_2617.5MHz_RB_25_0_NTNV



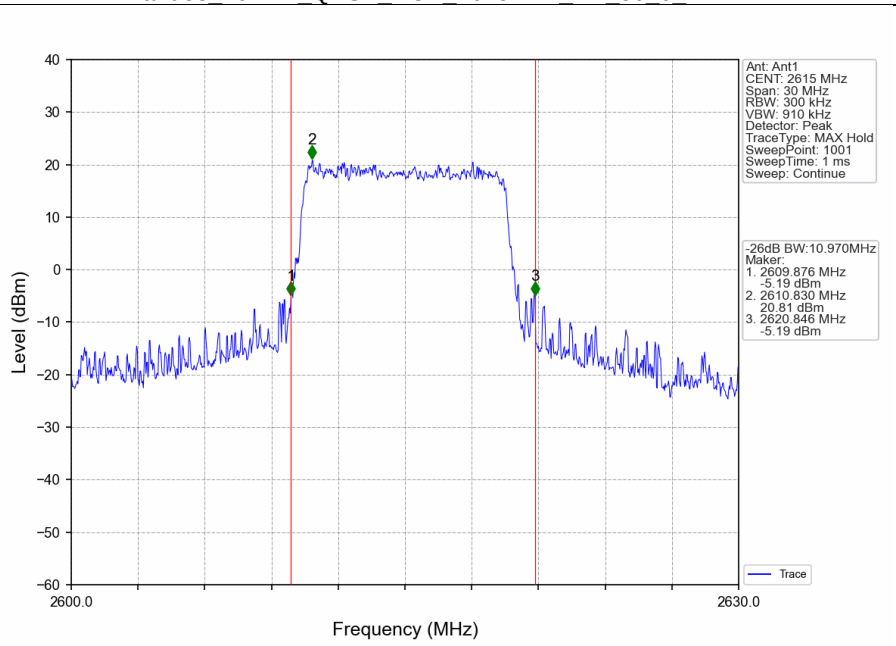
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



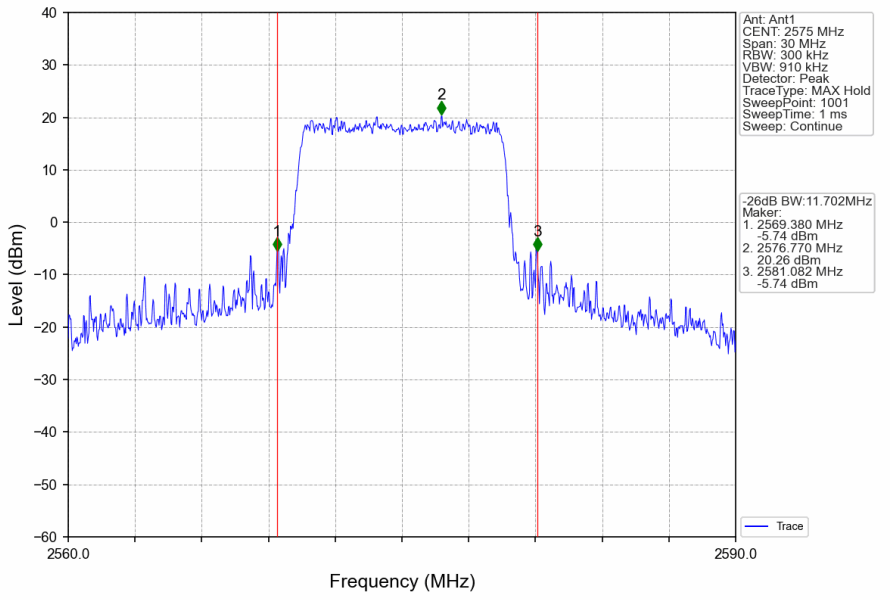
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



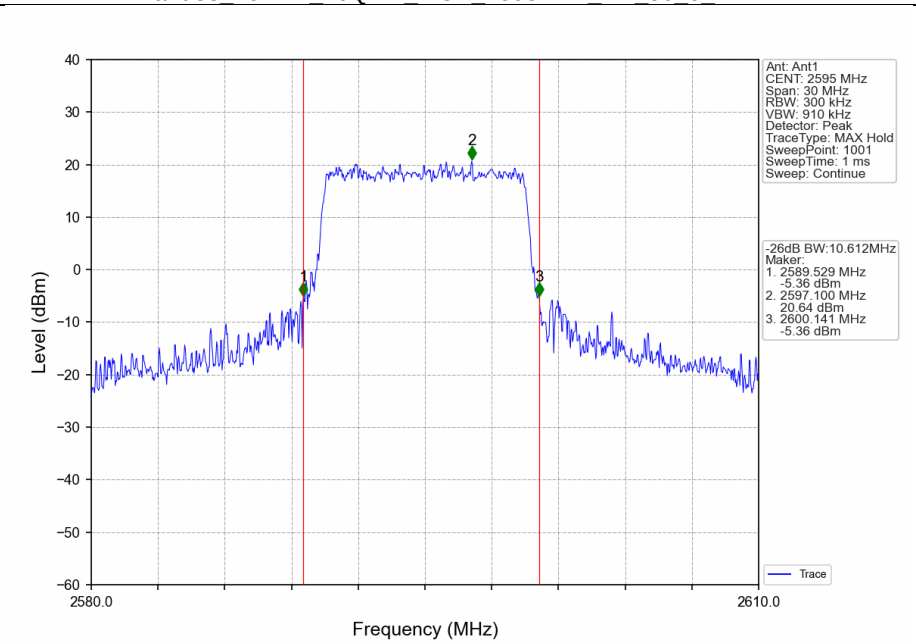
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



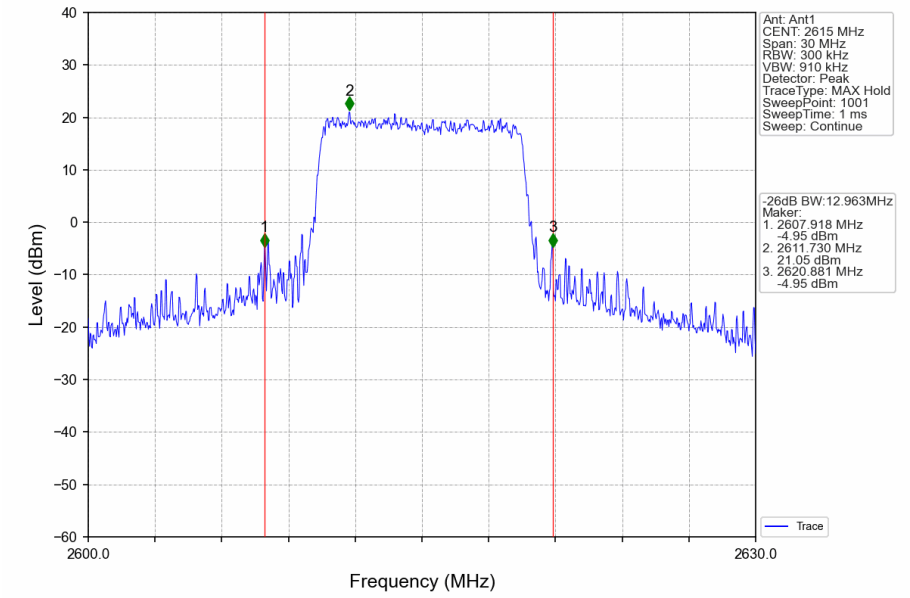
Band38_10MHz_16QAM_LCH_2575MHz_RB_50_0_NTNV



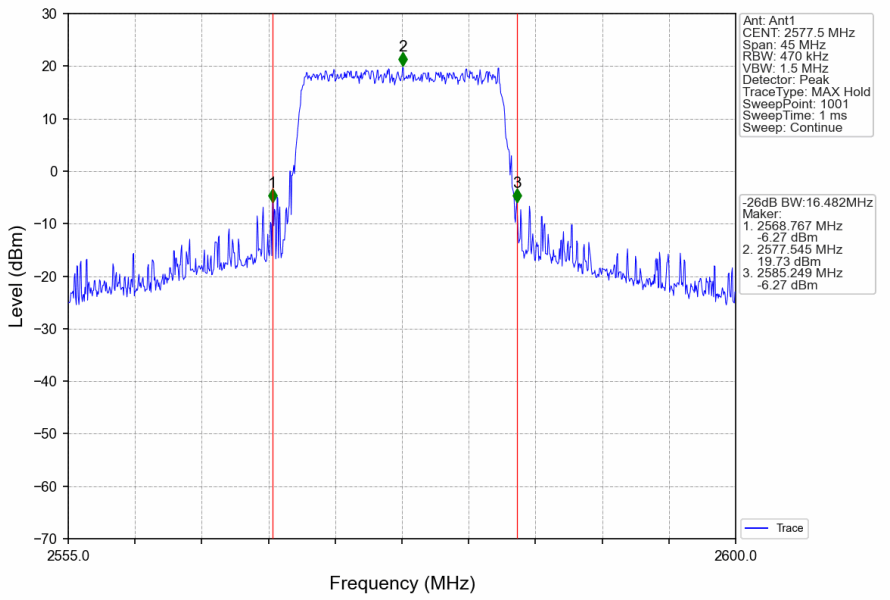
Band38_10MHz_16QAM_MCH_2595MHz_RB_50_0_NTNV



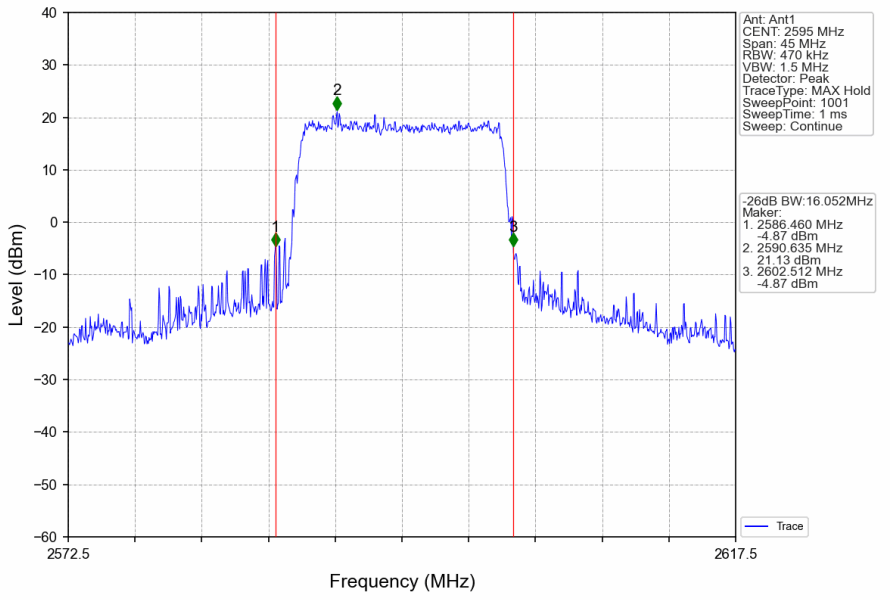
Band38_10MHz_16QAM_HCH_2615MHz_RB_50_0_NTNV



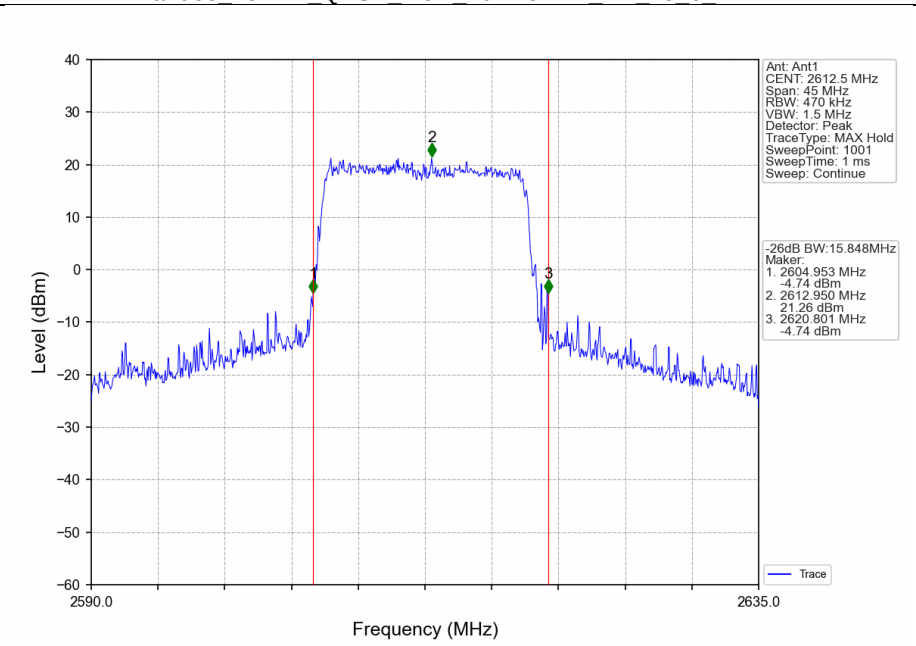
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_75_0_NTNV



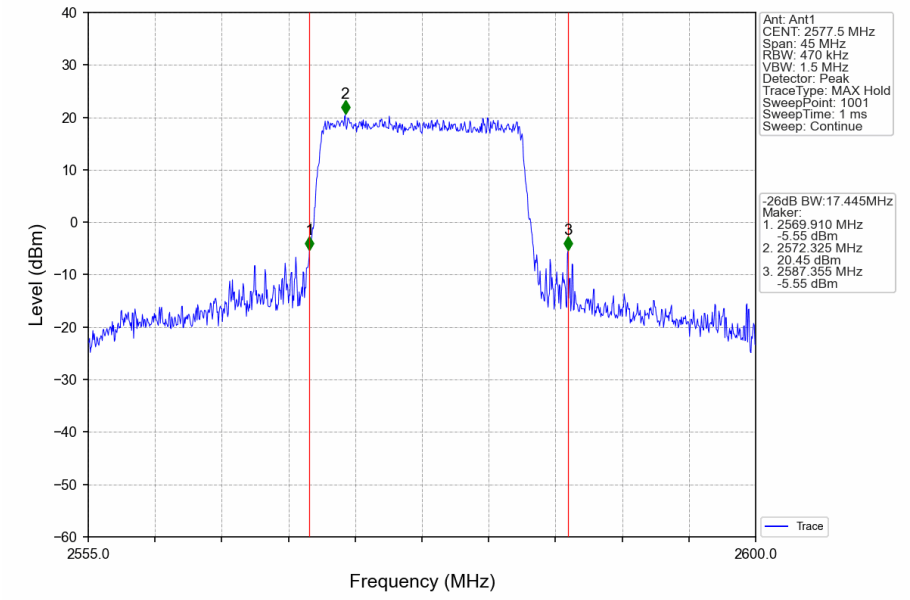
Band38_15MHz_QPSK_MCH_2595MHz_RB_75_0_NTNV



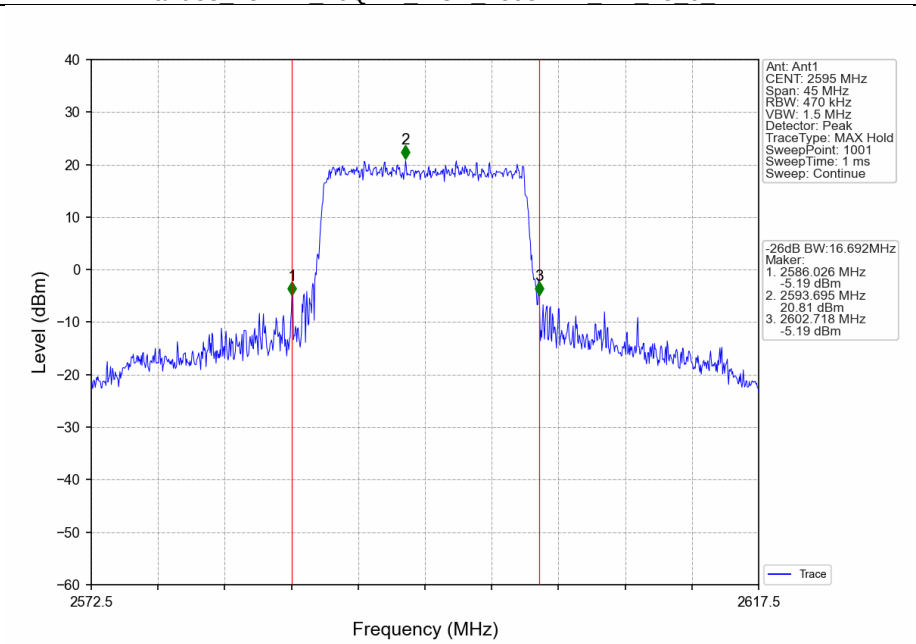
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



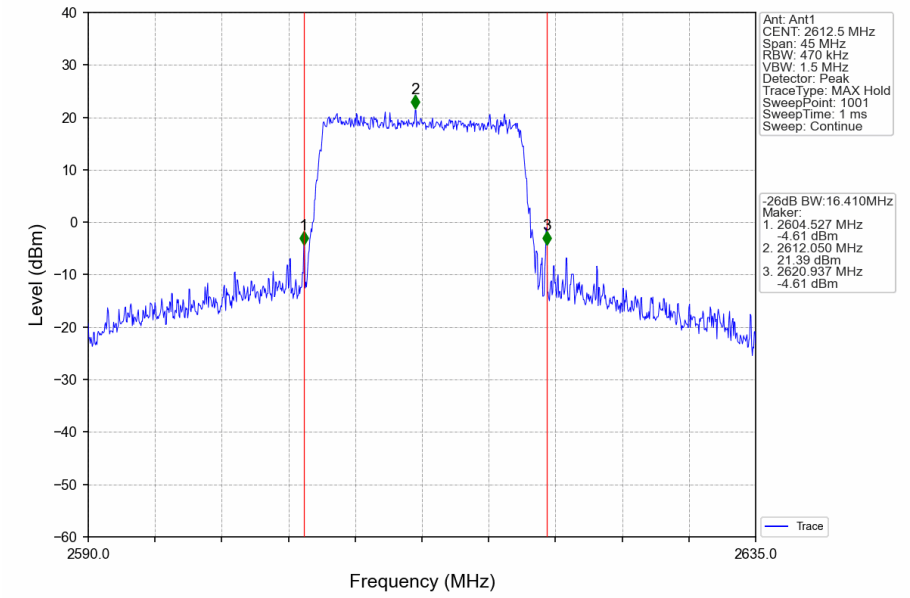
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_75_0_NTNV

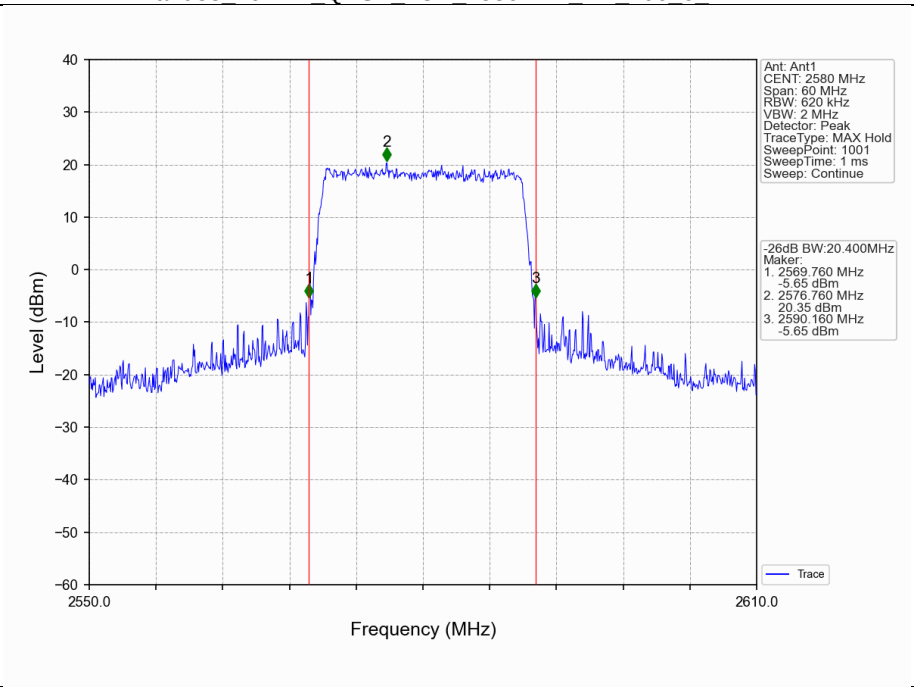


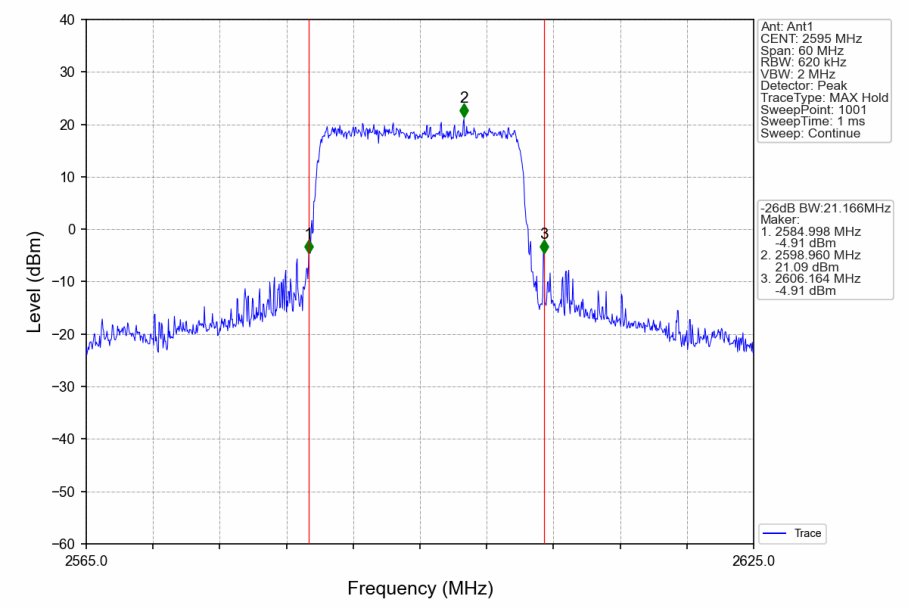
Band38_15MHz_16QAM_MCH_2595MHz_RB_75_0_NTNV



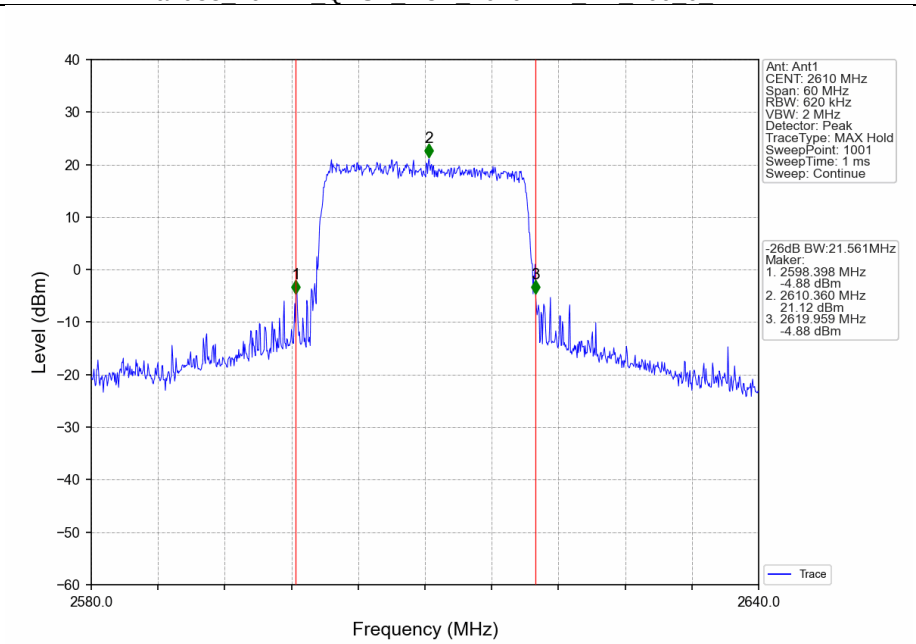
Band38_15MHz_16QAM_HCH_2612.5MHz_RB_75_0_NTNV



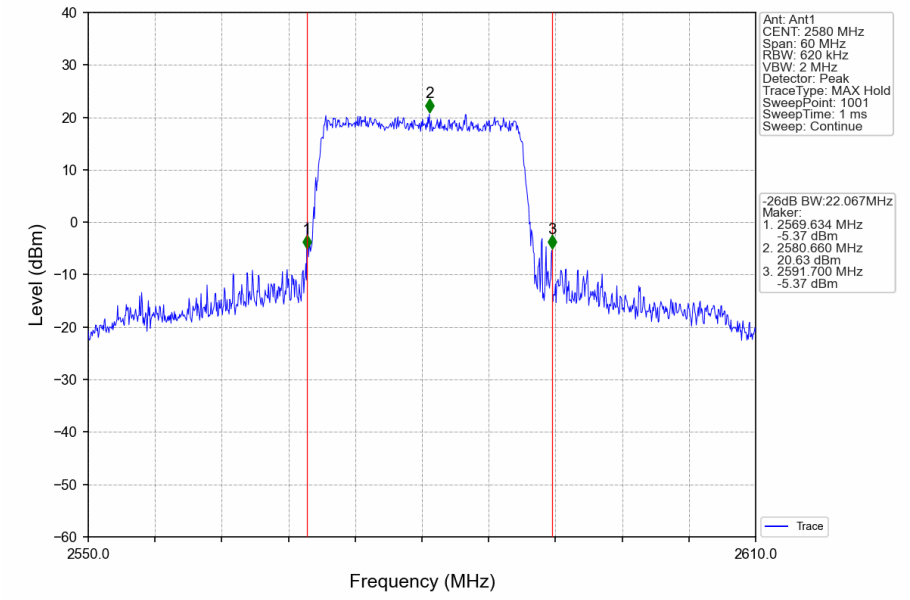
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV


Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV


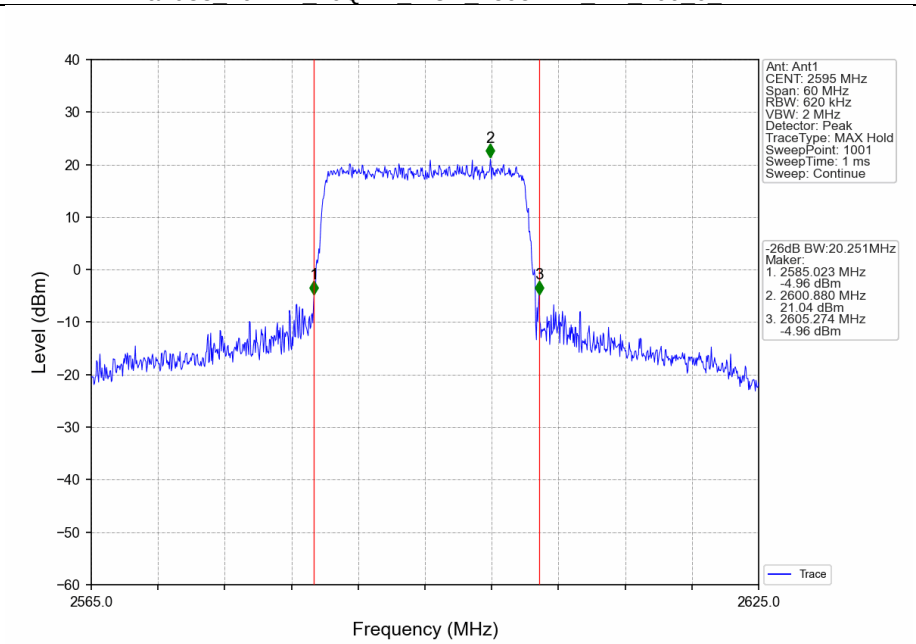
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



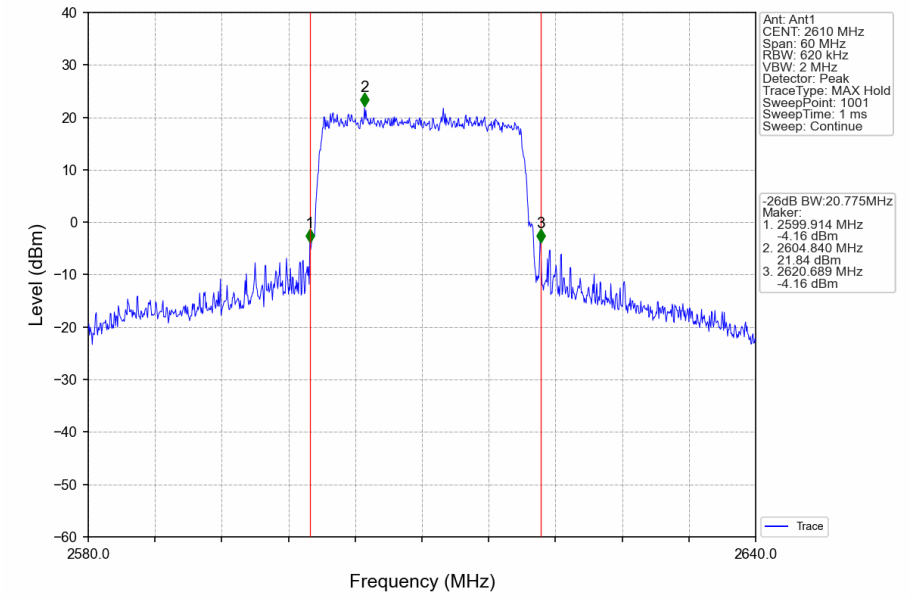
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



4. Peak-Average Ratio

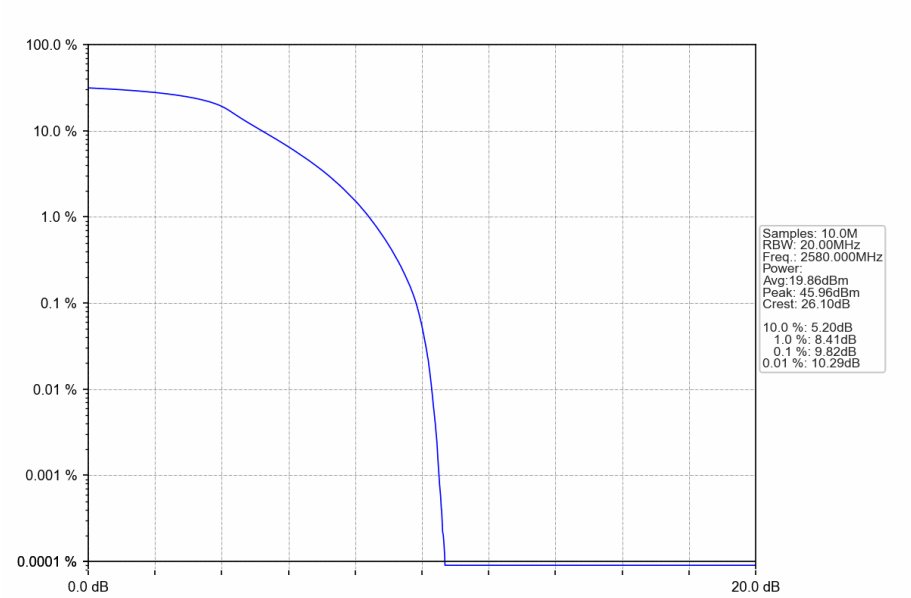
4.1 B38_20MHz

4.1.1 Test Result

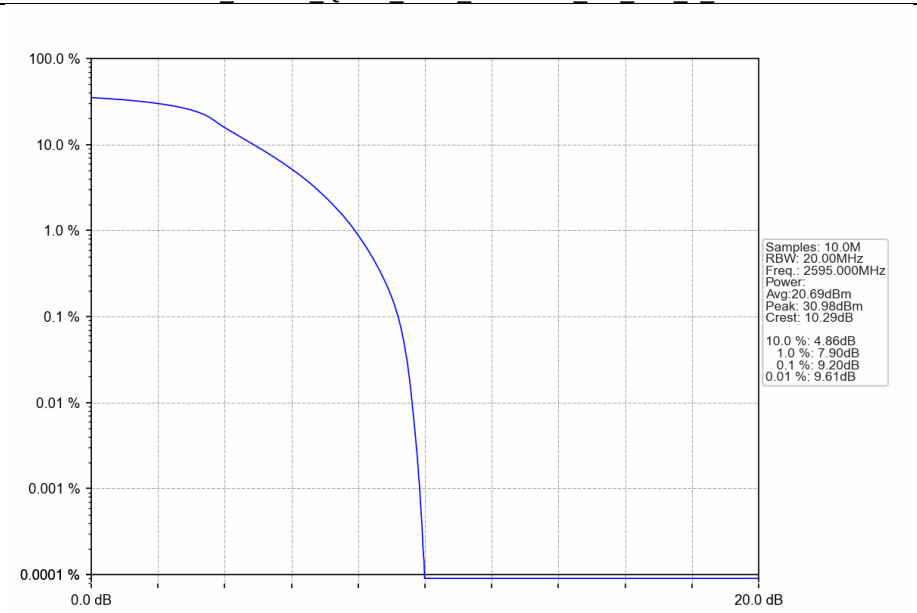
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	9.82	<=13	Pass
	2595	100	0	9.20	<=13	Pass
	2610	100	0	9.27	<=13	Pass
16QAM	2580	100	0	10.08	<=13	Pass
	2595	100	0	10.00	<=13	Pass
	2610	100	0	9.96	<=13	Pass

4.1.2 Test Graph

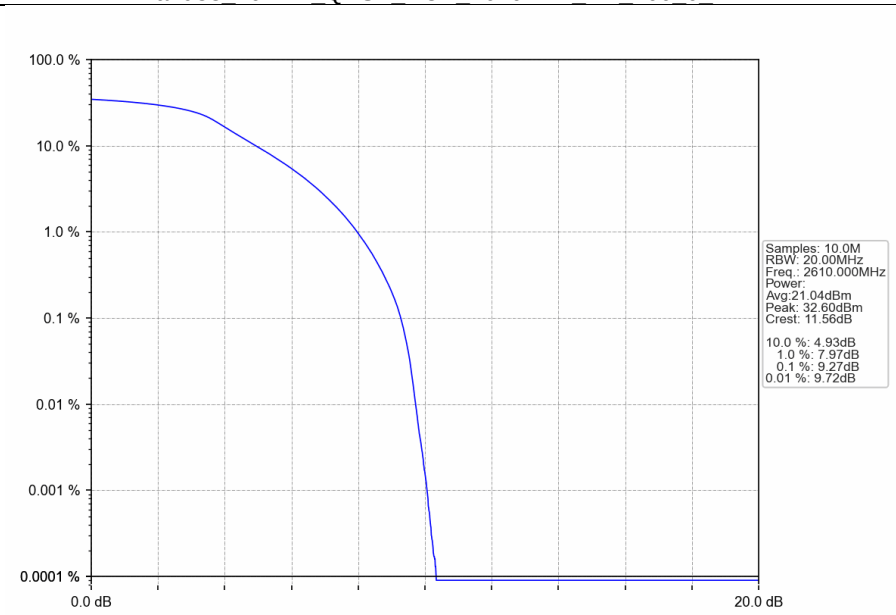
Band38_20MHz_QPSK_LCH_2580MHz_RB_100_0_NTNV



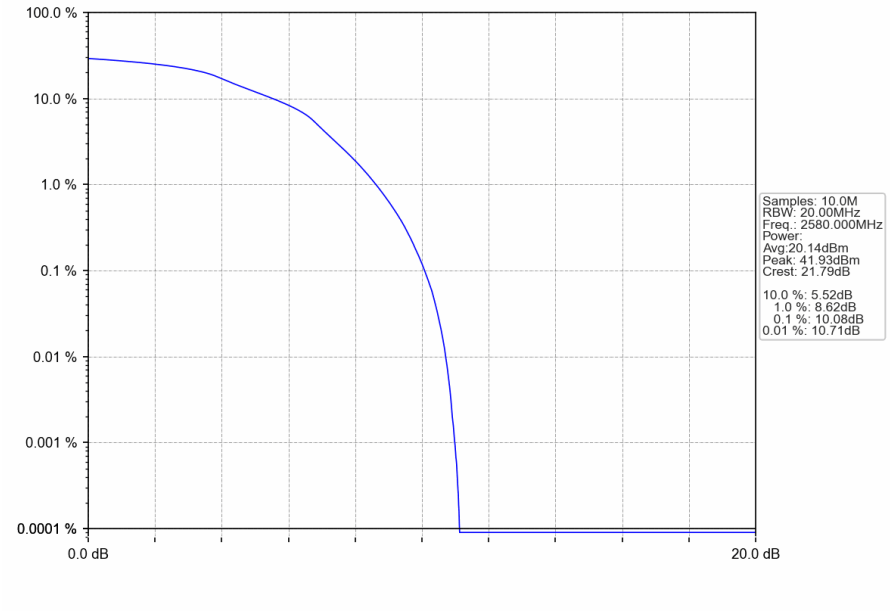
Band38_20MHz_QPSK_MCH_2595MHz_RB_100_0_NTNV



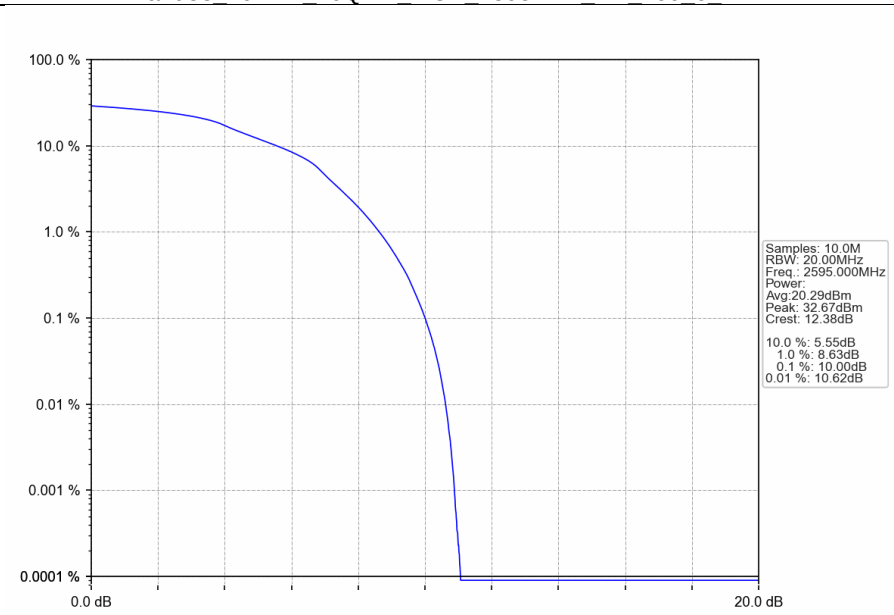
Band38_20MHz_QPSK_HCH_2610MHz_RB_100_0_NTNV



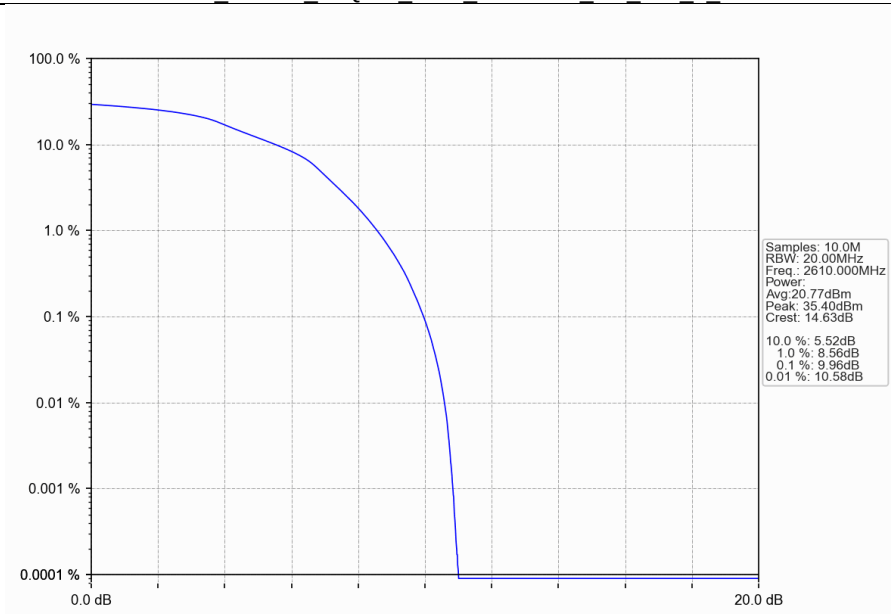
Band38_20MHz_16QAM_LCH_2580MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_MCH_2595MHz_RB_100_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_100_0_NTNV



5. Spurious Emission

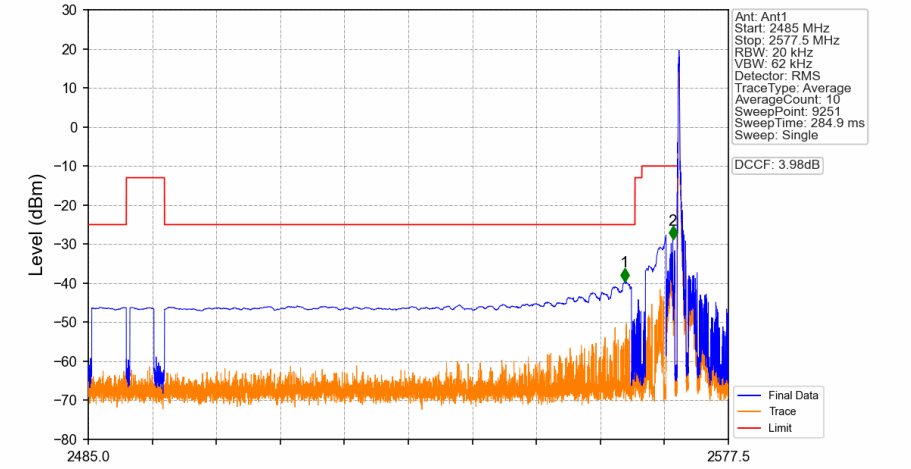
5.1 B38_5MHz

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

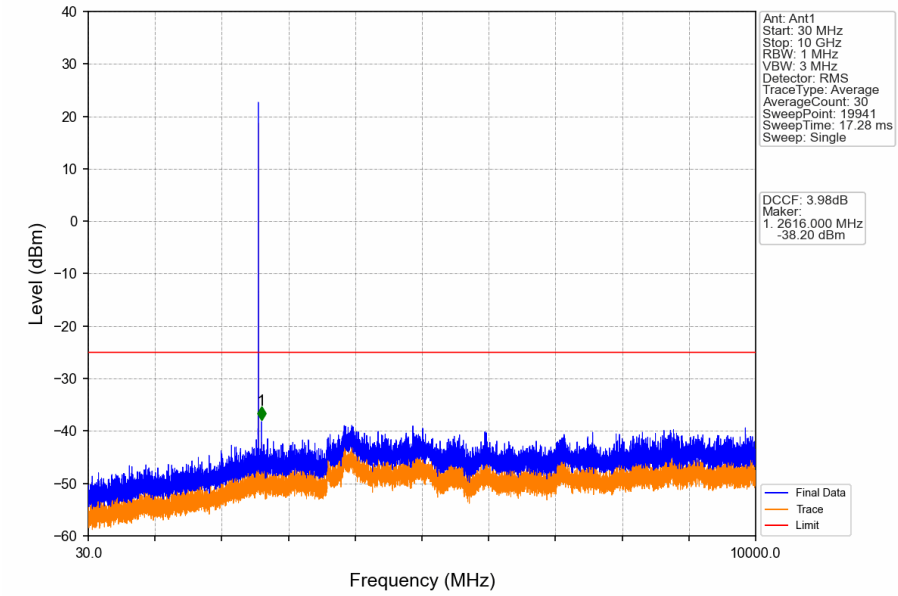
5.1.2 Test Graph

Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

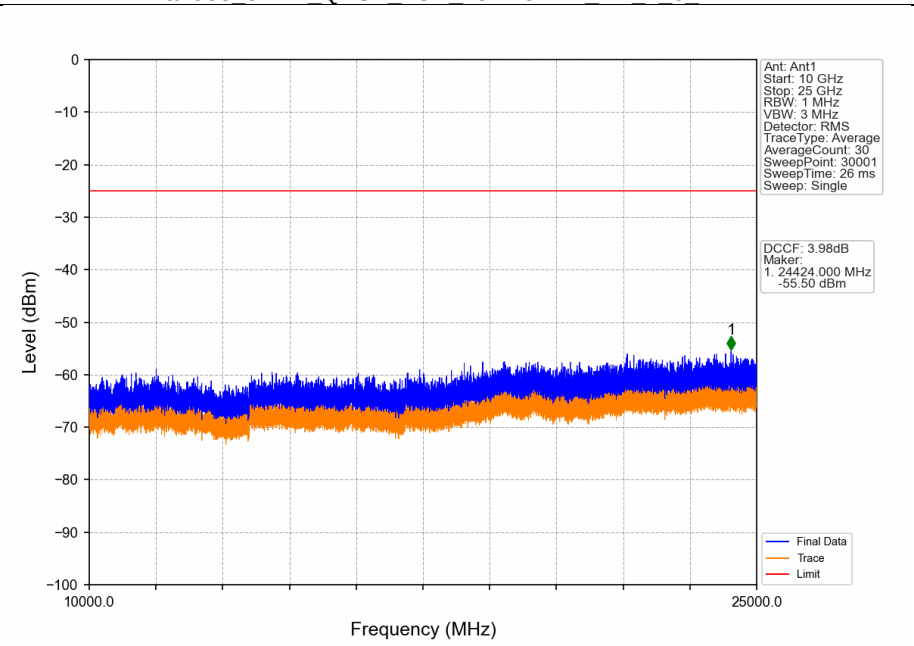


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2562.480	-39.57	-25	Pass
2569	2570	0.02	/	2	2569.470	-28.74	-10	Pass
2570	2577.5	0.02	/	/	/	/	/	/

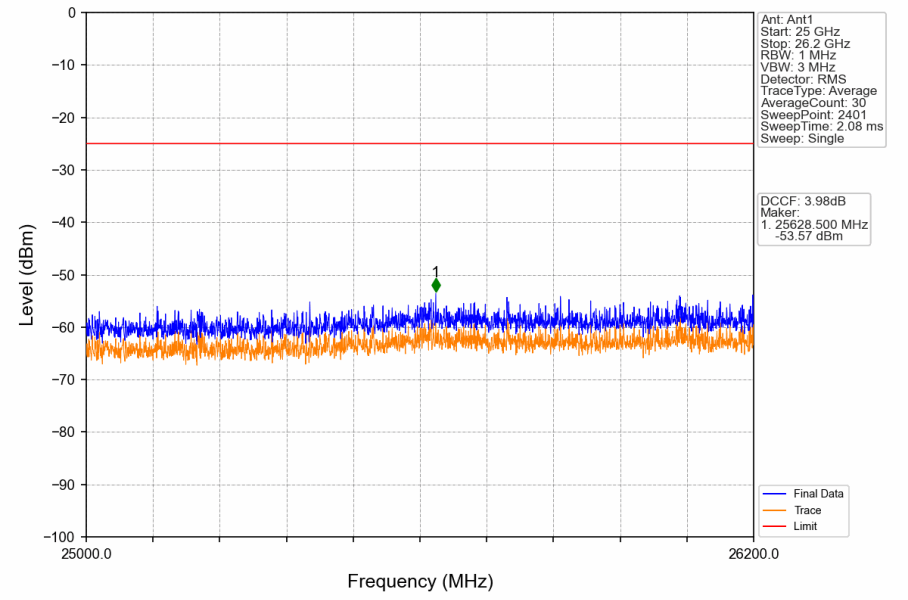
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



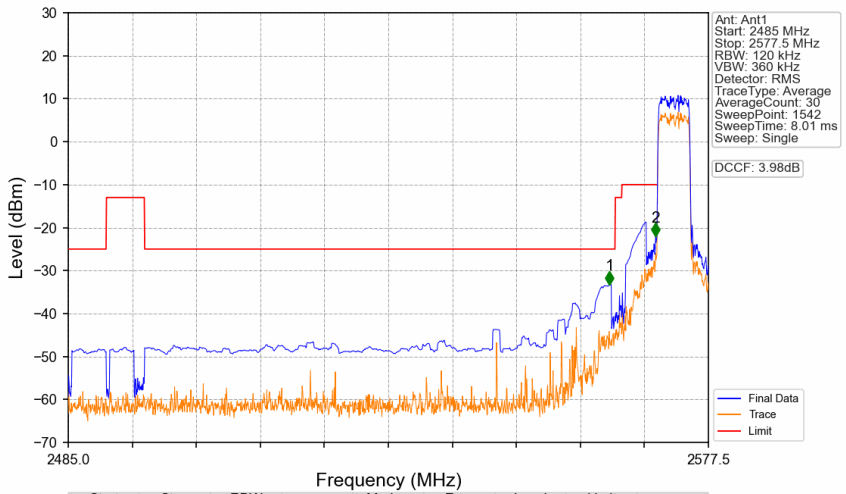
Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_LCH_2572.5MHz_RB_1_0_NTNV

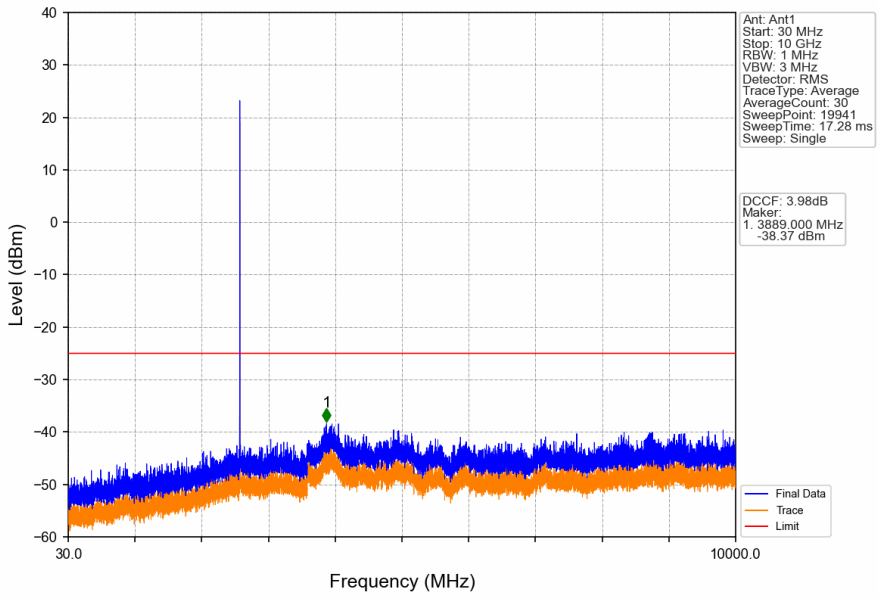


Band38_5MHz_QPSK_LCH_2572.5MHz_RB_25_0_NTNV

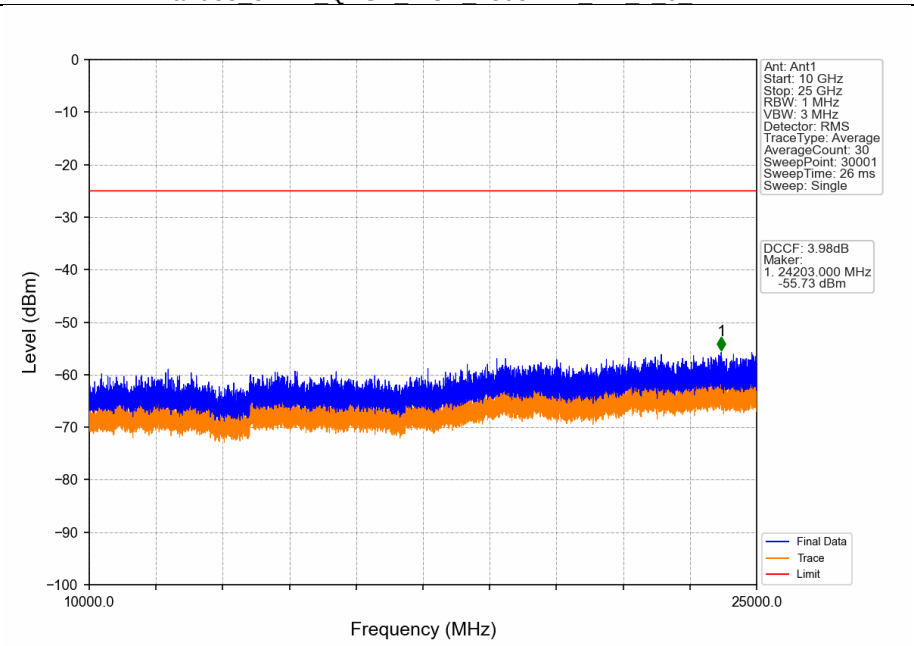


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2563.214	-33.23	-25	Pass
2569	2570	0.12	/	2	2569.877	-21.97	-10	Pass
2570	2577.5	0.12	/	/	/	/	/	/

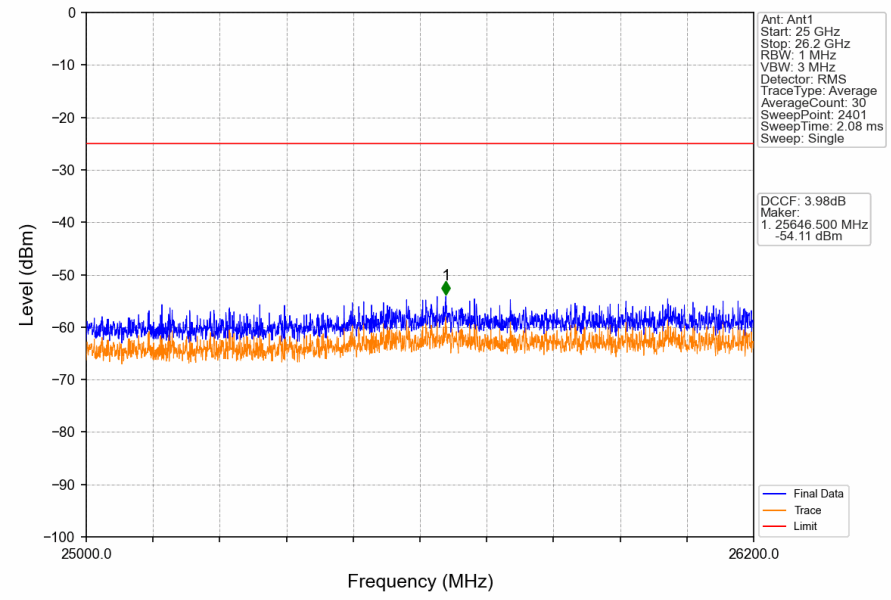
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



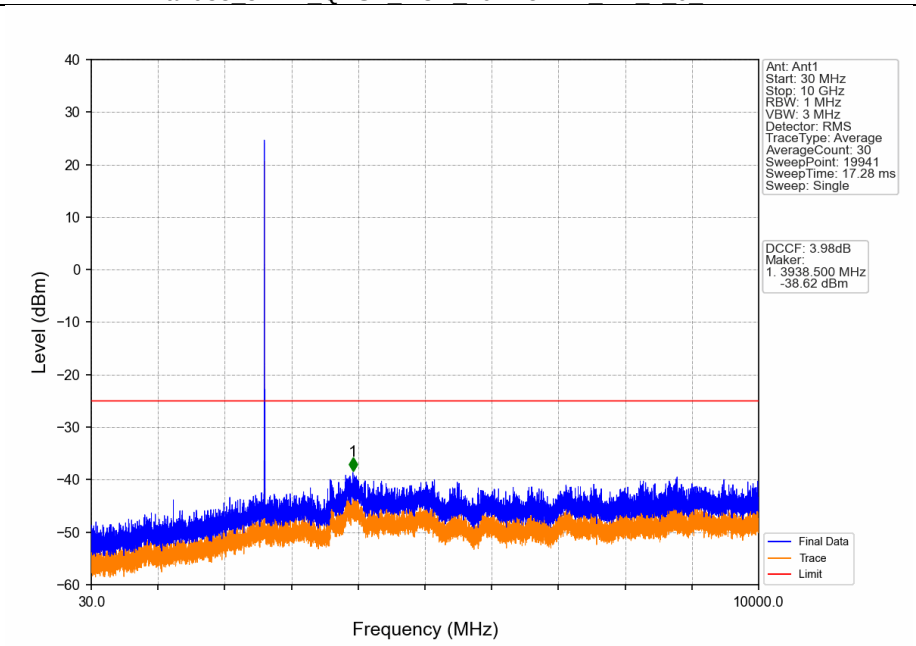
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



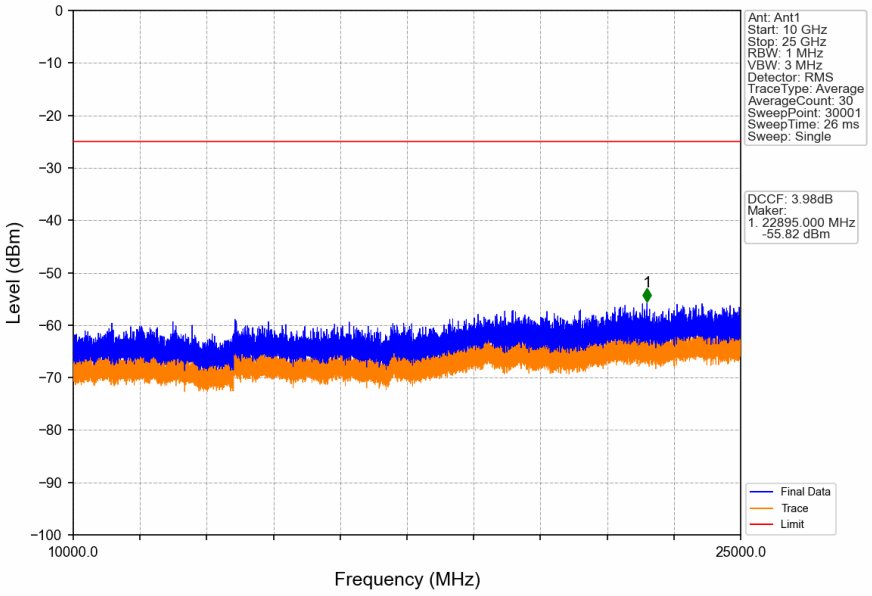
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



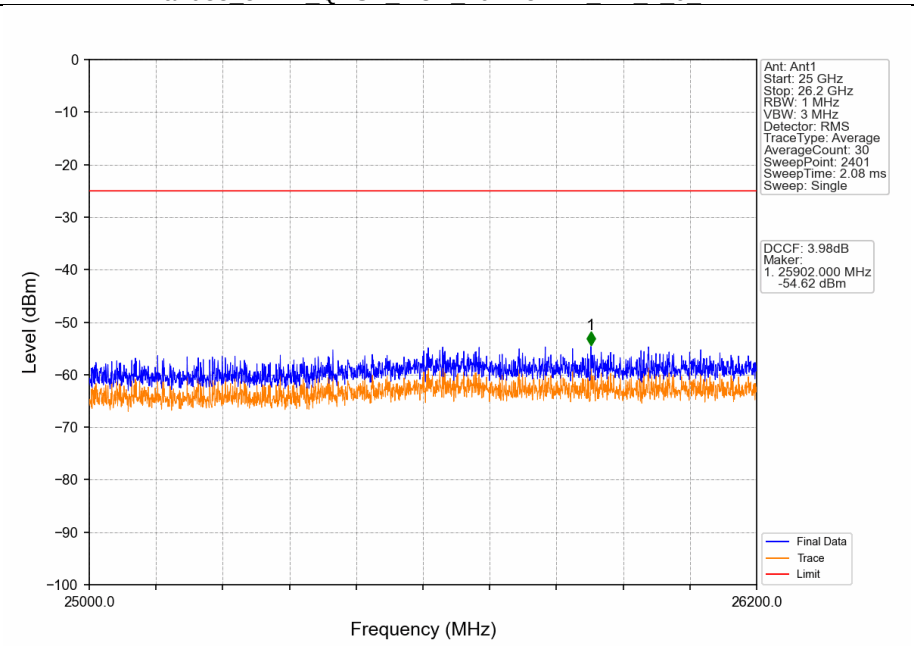
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



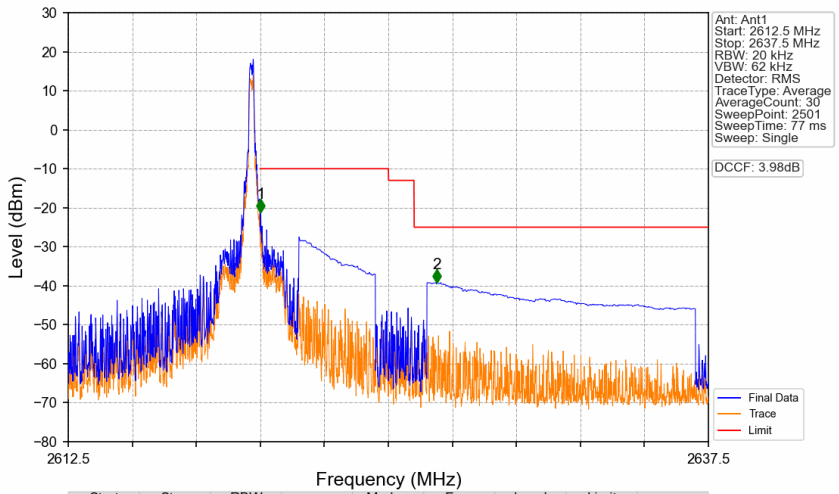
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV

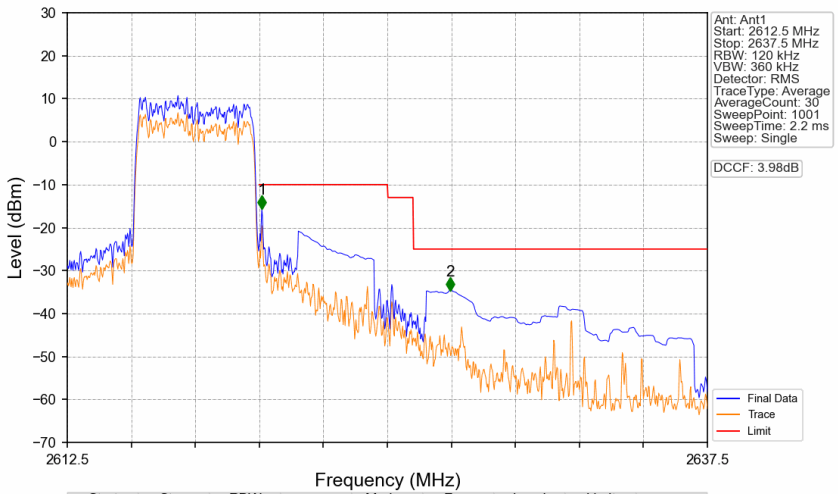


Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



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	2620.020	-21.30	-10	Pass
2621	2637.5	1	CHP	2	2626.900	-39.21	-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	0.12	/	/	/	/	/	/
2620	2621	0.12	/	1	2620.100	-15.61	-10	Pass
2621	2637.5	1	CHP	2	2627.450	-34.64	-25	Pass

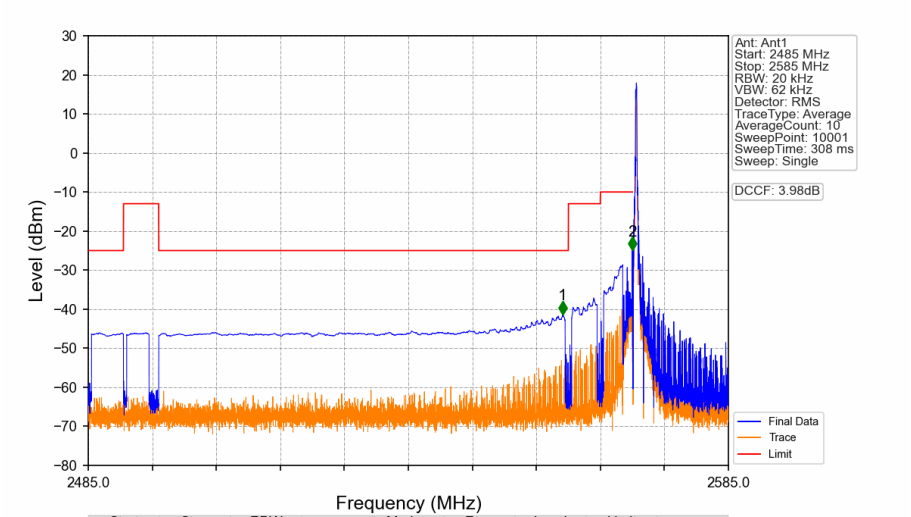
5.2 B38_10MHz

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

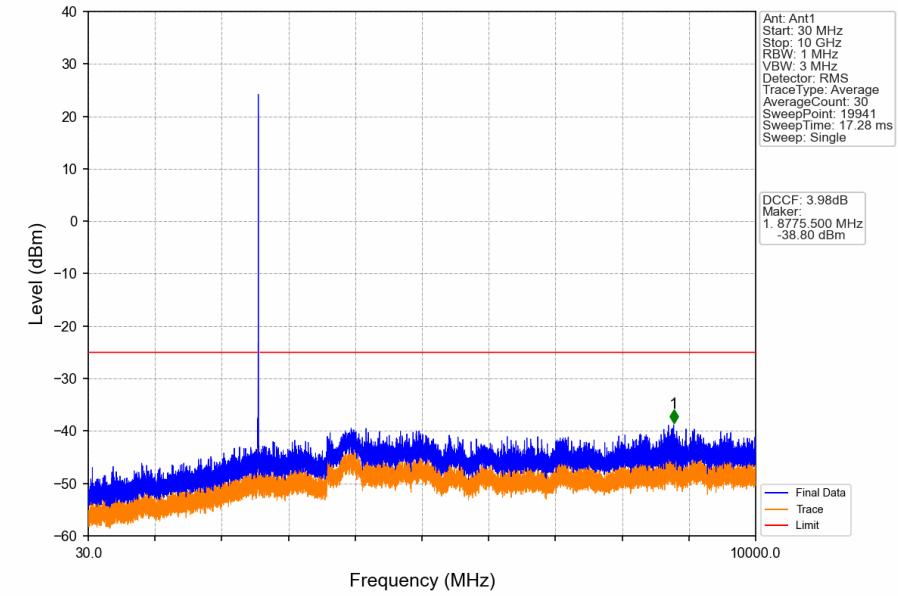
5.2.2 Test Graph

Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

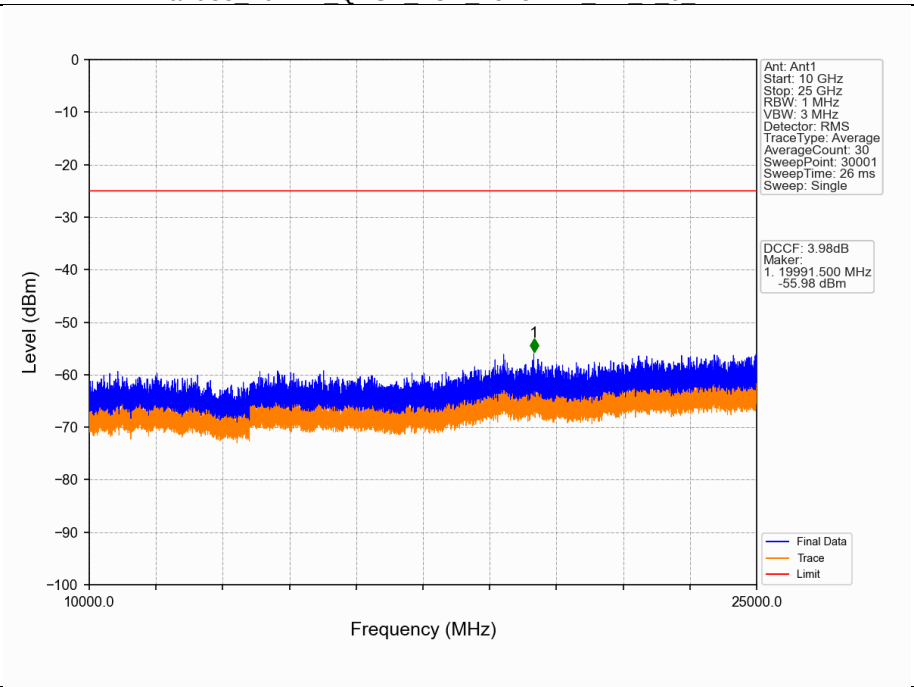


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2559.100	-41.32	-25	Pass
2569	2570	0.02	/	2	2569.980	-24.86	-10	Pass
2570	2585	0.02	/	/	/	/	/	/

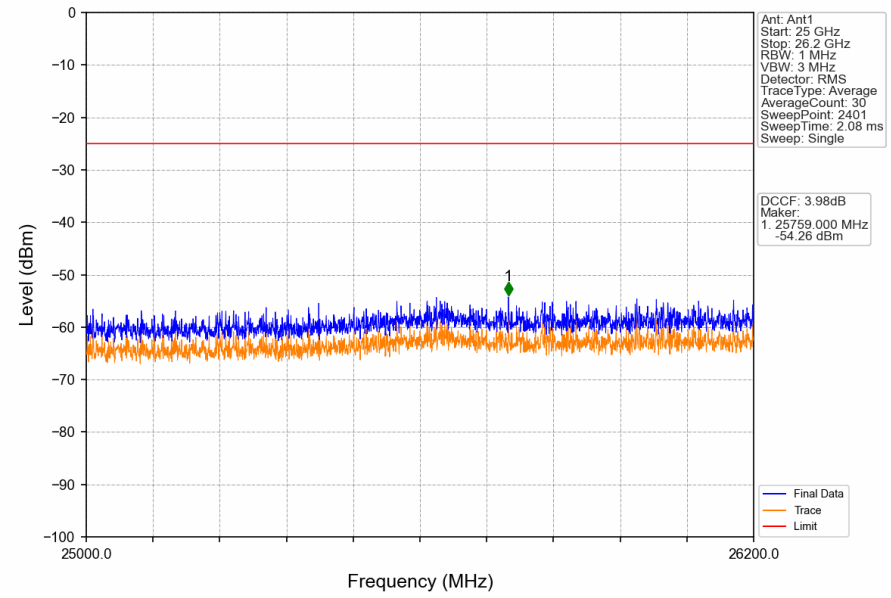
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



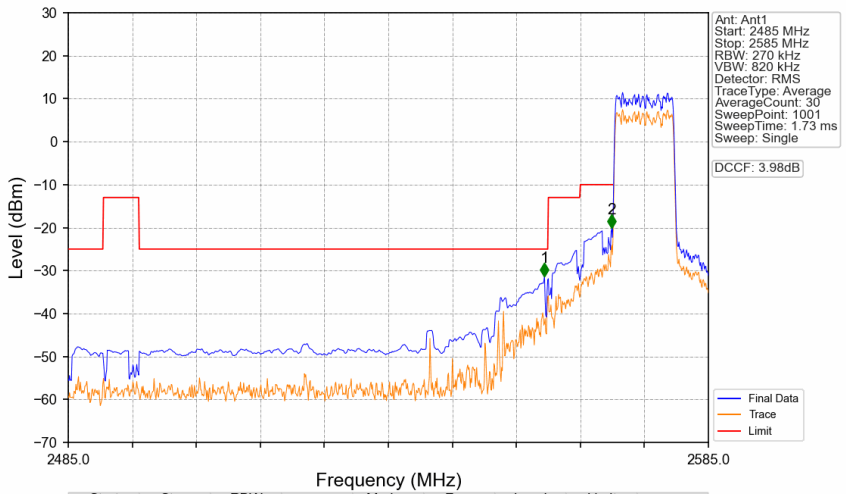
Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_LCH_2575MHz_RB_1_0_NTNV

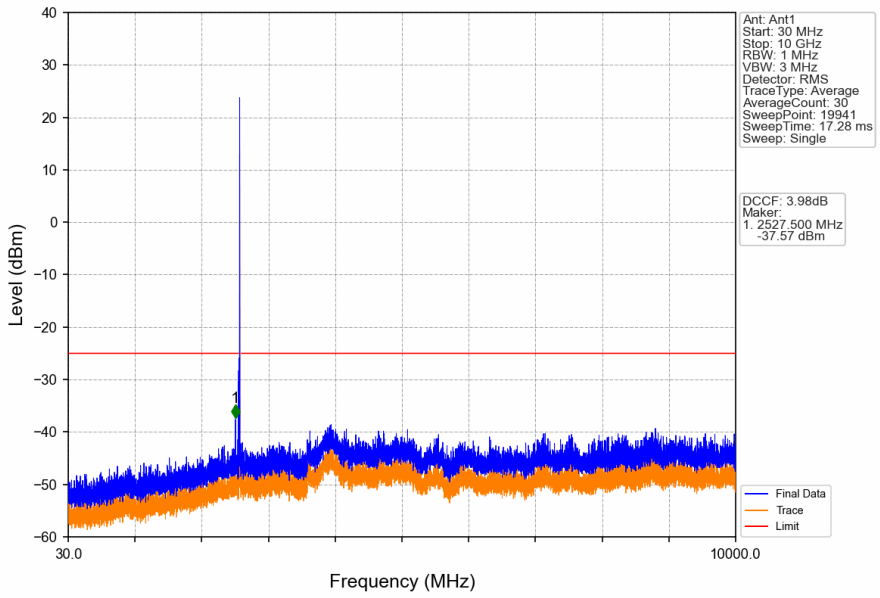


Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV

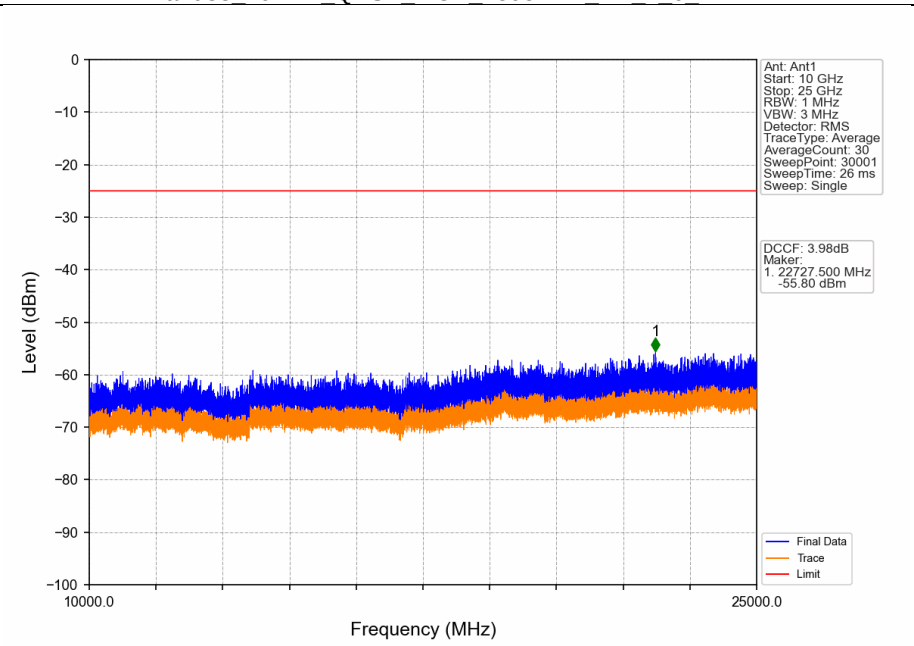


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2559.400	-31.35	-25	Pass
2569	2570	0.27	/	2	2569.900	-20.13	-10	Pass
2570	2585	0.27	/	/	/	/	/	/

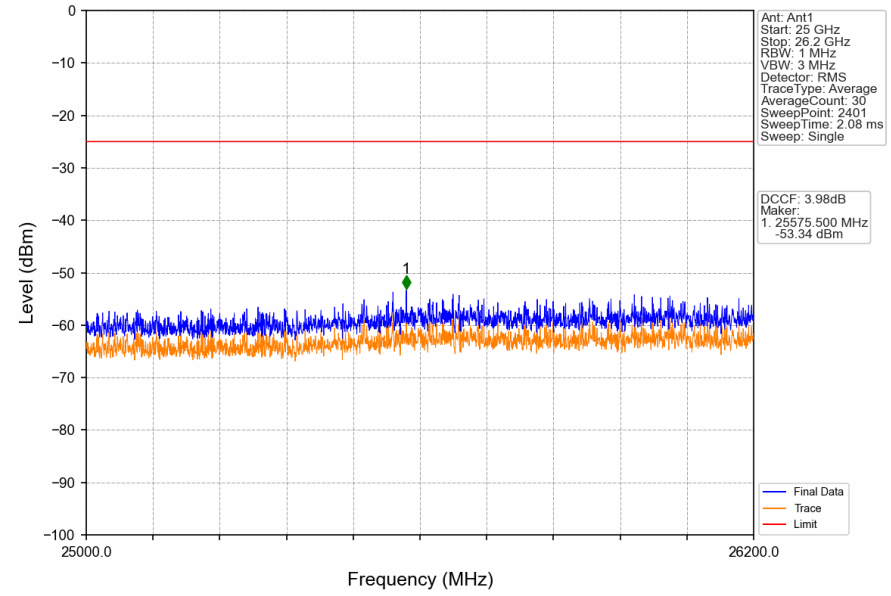
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



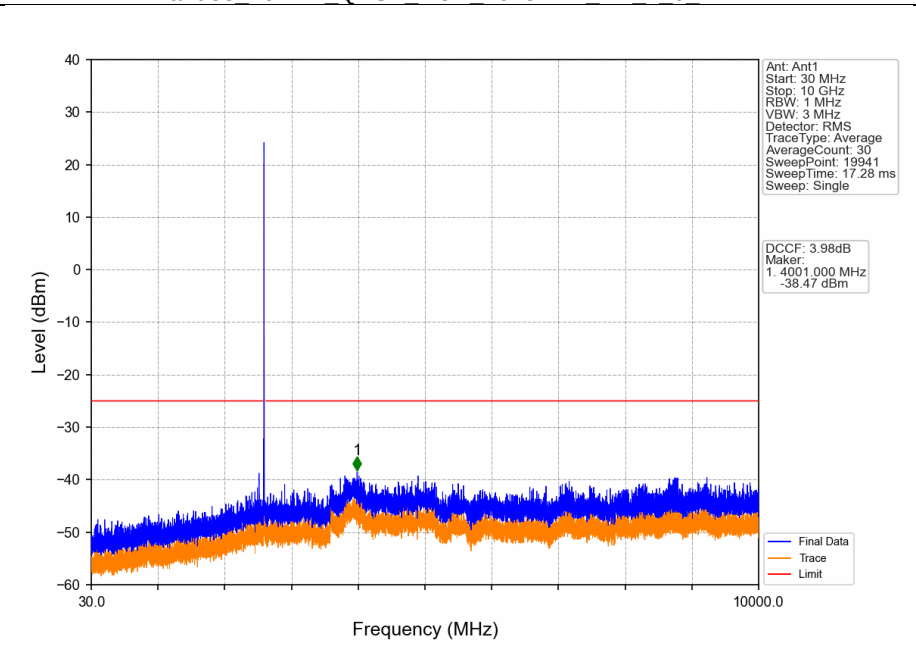
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



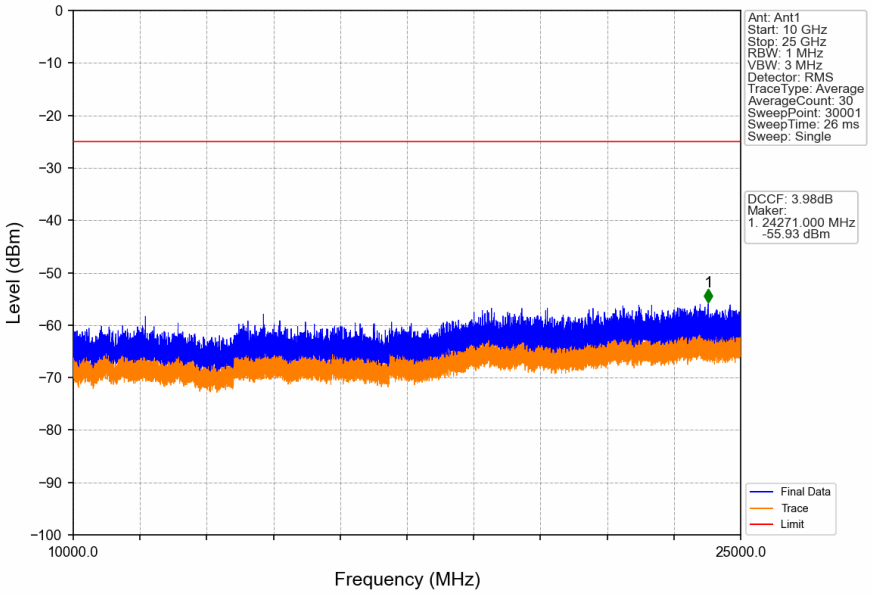
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



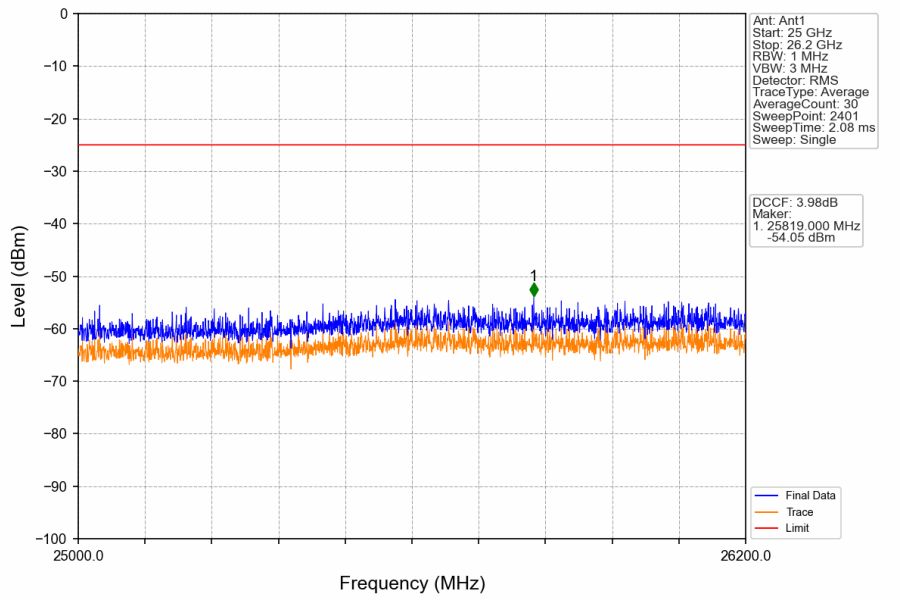
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



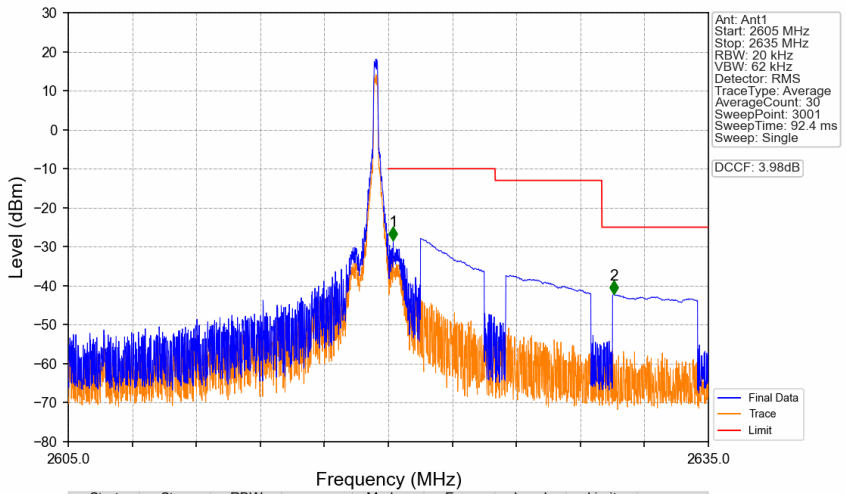
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV

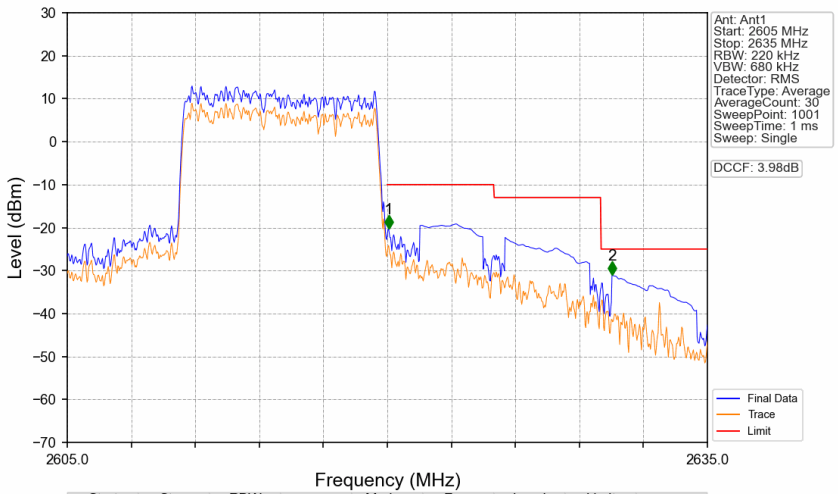


Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV



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	2620.230	-28.44	-10	Pass
2621	2635	1	CHP	2	2630.570	-42.22	-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
2605	2620	0.22	/	/	/	/	/	/
2620	2621	0.22	/	1	2620.060	-20.20	-10	Pass
2621	2635	1	CHP	2	2630.530	-30.94	-25	Pass

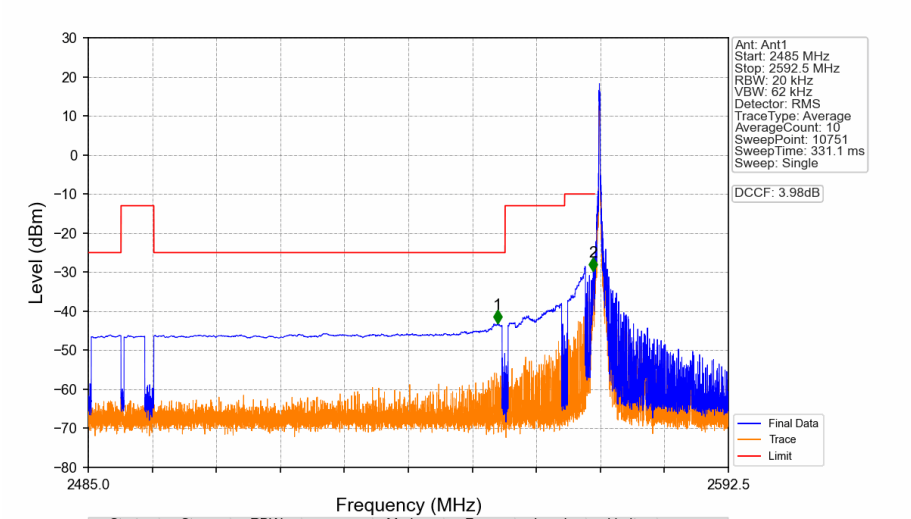
5.3 B38_15MHz

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

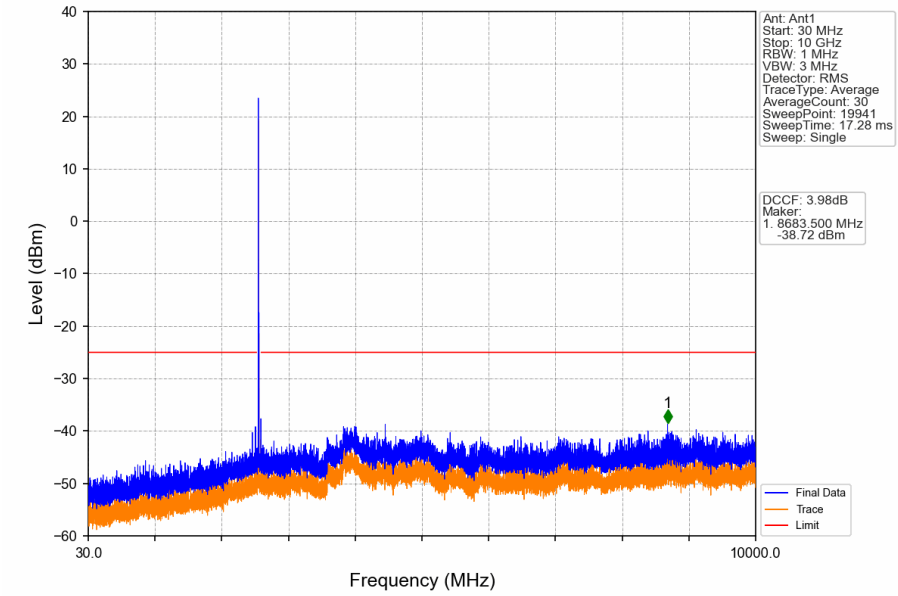
5.3.2 Test Graph

Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV

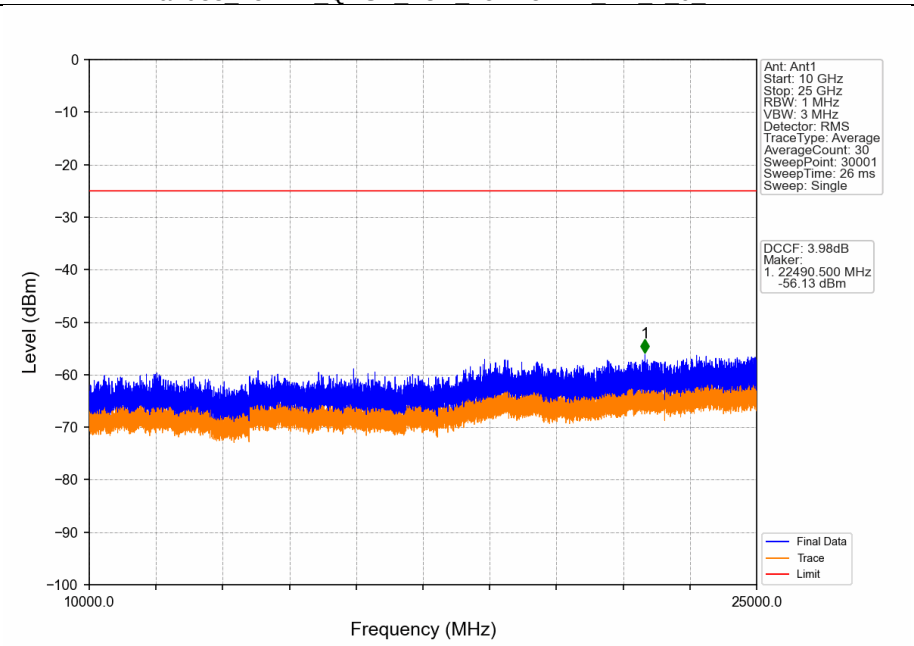


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2553.750	-43.17	-25	Pass
2569	2570	0.02	/	2	2569.800	-29.70	-10	Pass
2570	2592.5	0.02	/	/	/	/	/	/

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