

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B38_5MHz_EIRP

Band: 38 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2572.5	1	0	22.93	2.17	25.10	<=33.01	Pass
			13	22.94	2.17	25.11	<=33.01	Pass
			24	23.06	2.17	25.23	<=33.01	Pass
		12	0	21.91	2.17	24.08	<=33.01	Pass
			6	21.88	2.17	24.05	<=33.01	Pass
			13	21.90	2.17	24.07	<=33.01	Pass
		25	0	21.87	2.17	24.04	<=33.01	Pass
	2595	1	0	23.20	2.17	25.37	<=33.01	Pass
			13	23.26	2.17	25.43	<=33.01	Pass
			24	23.17	2.17	25.34	<=33.01	Pass
		12	0	22.28	2.17	24.45	<=33.01	Pass
			6	22.24	2.17	24.41	<=33.01	Pass
			13	22.23	2.17	24.40	<=33.01	Pass
	25	0	22.21	2.17	24.38	<=33.01	Pass	
	2617.5	1	0	23.48	2.17	25.65	<=33.01	Pass
			13	23.26	2.17	25.43	<=33.01	Pass
			24	23.33	2.17	25.50	<=33.01	Pass
		12	0	22.48	2.17	24.65	<=33.01	Pass
			6	22.40	2.17	24.57	<=33.01	Pass
			13	22.37	2.17	24.54	<=33.01	Pass
		25	0	22.43	2.17	24.60	<=33.01	Pass
16QAM		2572.5	1	0	21.71	2.17	23.88	<=33.01
	13			22.06	2.17	24.23	<=33.01	Pass
	24			21.84	2.17	24.01	<=33.01	Pass
	12		0	20.83	2.17	23.00	<=33.01	Pass
			6	20.91	2.17	23.08	<=33.01	Pass
			13	20.88	2.17	23.05	<=33.01	Pass
	25		0	20.85	2.17	23.02	<=33.01	Pass
	2595	1	0	22.19	2.17	24.36	<=33.01	Pass
			13	22.28	2.17	24.45	<=33.01	Pass
			24	22.20	2.17	24.37	<=33.01	Pass
		12	0	21.07	2.17	23.24	<=33.01	Pass
			6	21.06	2.17	23.23	<=33.01	Pass
			13	21.13	2.17	23.30	<=33.01	Pass
	25	0	21.00	2.17	23.17	<=33.01	Pass	
	2617.5	1	0	22.63	2.17	24.80	<=33.01	Pass
			13	22.55	2.17	24.72	<=33.01	Pass
			24	22.18	2.17	24.35	<=33.01	Pass
		12	0	21.49	2.17	23.66	<=33.01	Pass
			6	21.45	2.17	23.62	<=33.01	Pass
			13	21.47	2.17	23.64	<=33.01	Pass
		25	0	21.39	2.17	23.56	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B38_10MHz_EIRP

Band: 38 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2575	1	0	22.68	2.17	24.85	<=33.01	Pass
			25	22.81	2.17	24.98	<=33.01	Pass
			49	22.76	2.17	24.93	<=33.01	Pass
		25	0	21.83	2.17	24.00	<=33.01	Pass
			13	21.88	2.17	24.05	<=33.01	Pass
			25	21.88	2.17	24.05	<=33.01	Pass
		50	0	21.87	2.17	24.04	<=33.01	Pass
	2595	1	0	23.12	2.17	25.29	<=33.01	Pass
			25	23.19	2.17	25.36	<=33.01	Pass
			49	23.11	2.17	25.28	<=33.01	Pass
		25	0	22.17	2.17	24.34	<=33.01	Pass
			13	22.18	2.17	24.35	<=33.01	Pass
			25	22.19	2.17	24.36	<=33.01	Pass
		50	0	22.15	2.17	24.32	<=33.01	Pass
	2615	1	0	23.31	2.17	25.48	<=33.01	Pass
			25	23.34	2.17	25.51	<=33.01	Pass
			49	23.16	2.17	25.33	<=33.01	Pass
		25	0	22.24	2.17	24.41	<=33.01	Pass
			13	22.25	2.17	24.42	<=33.01	Pass
			25	22.27	2.17	24.44	<=33.01	Pass
		50	0	22.28	2.17	24.45	<=33.01	Pass
16QAM	2575	1	0	21.57	2.17	23.74	<=33.01	Pass
			25	21.68	2.17	23.85	<=33.01	Pass
			49	21.91	2.17	24.08	<=33.01	Pass
		12	0	21.71	2.17	23.88	<=33.01	Pass
			19	21.76	2.17	23.93	<=33.01	Pass
			38	21.87	2.17	24.04	<=33.01	Pass
		27	0	20.83	2.17	23.00	<=33.01	Pass
	2595	1	0	22.16	2.17	24.33	<=33.01	Pass
			25	21.99	2.17	24.16	<=33.01	Pass
			49	21.91	2.17	24.08	<=33.01	Pass
		12	0	22.14	2.17	24.31	<=33.01	Pass
			19	22.18	2.17	24.35	<=33.01	Pass
			38	22.13	2.17	24.30	<=33.01	Pass
	27	0	21.09	2.17	23.26	<=33.01	Pass	
	2615	1	0	21.97	2.17	24.14	<=33.01	Pass
			25	22.02	2.17	24.19	<=33.01	Pass
			49	21.92	2.17	24.09	<=33.01	Pass
		12	0	22.26	2.17	24.43	<=33.01	Pass
19			22.24	2.17	24.41	<=33.01	Pass	
38			22.22	2.17	24.39	<=33.01	Pass	
27		23	21.30	2.17	23.47	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B38_15MHz_EIRP

Band: 38 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2577.5	1	0	22.68	2.17	24.85	<=33.01	Pass
			38	22.90	2.17	25.07	<=33.01	Pass
			74	22.67	2.17	24.84	<=33.01	Pass
		36	0	21.81	2.17	23.98	<=33.01	Pass
			18	21.84	2.17	24.01	<=33.01	Pass
			39	21.82	2.17	23.99	<=33.01	Pass
		75	0	21.81	2.17	23.98	<=33.01	Pass
	2595	1	0	23.04	2.17	25.21	<=33.01	Pass
			38	23.22	2.17	25.39	<=33.01	Pass
			74	23.06	2.17	25.23	<=33.01	Pass
		36	0	22.16	2.17	24.33	<=33.01	Pass
			18	22.19	2.17	24.36	<=33.01	Pass
			39	22.11	2.17	24.28	<=33.01	Pass
		75	0	22.10	2.17	24.27	<=33.01	Pass
	2612.5	1	0	23.46	2.17	25.63	<=33.01	Pass
			38	23.58	2.17	25.75	<=33.01	Pass
			74	23.43	2.17	25.60	<=33.01	Pass
		36	0	22.51	2.17	24.68	<=33.01	Pass
			18	22.54	2.17	24.71	<=33.01	Pass
			39	22.49	2.17	24.66	<=33.01	Pass
		75	0	22.49	2.17	24.66	<=33.01	Pass
16QAM	2577.5	1	0	21.71	2.17	23.88	<=33.01	Pass
			38	21.79	2.17	23.96	<=33.01	Pass
			74	21.76	2.17	23.93	<=33.01	Pass
		12	0	21.64	2.17	23.81	<=33.01	Pass
			31	21.82	2.17	23.99	<=33.01	Pass
			63	21.74	2.17	23.91	<=33.01	Pass
		27	0	20.86	2.17	23.03	<=33.01	Pass
	2595	1	0	22.12	2.17	24.29	<=33.01	Pass
			38	22.24	2.17	24.41	<=33.01	Pass
			74	22.14	2.17	24.31	<=33.01	Pass
		12	0	22.13	2.17	24.30	<=33.01	Pass
			31	22.24	2.17	24.41	<=33.01	Pass
			63	22.12	2.17	24.29	<=33.01	Pass
		27	0	21.09	2.17	23.26	<=33.01	Pass
	2612.5	1	0	22.30	2.17	24.47	<=33.01	Pass
			38	22.53	2.17	24.70	<=33.01	Pass
			74	22.45	2.17	24.62	<=33.01	Pass
		12	0	22.29	2.17	24.46	<=33.01	Pass
31			22.40	2.17	24.57	<=33.01	Pass	
63			22.32	2.17	24.49	<=33.01	Pass	
27		48	21.40	2.17	23.57	<=33.01	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B38_20MHz_EIRP

Band: 38 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2580	1	0	22.75	2.17	24.92	<=33.01	Pass
			50	22.93	2.17	25.10	<=33.01	Pass
			99	22.82	2.17	24.99	<=33.01	Pass
		50	0	21.92	2.17	24.09	<=33.01	Pass
			25	21.96	2.17	24.13	<=33.01	Pass
			50	21.97	2.17	24.14	<=33.01	Pass
		100	0	21.94	2.17	24.11	<=33.01	Pass
	2595	1	0	23.13	2.17	25.30	<=33.01	Pass
			50	23.24	2.17	25.41	<=33.01	Pass
			99	23.16	2.17	25.33	<=33.01	Pass
		50	0	22.23	2.17	24.40	<=33.01	Pass
			25	22.25	2.17	24.42	<=33.01	Pass
			50	22.22	2.17	24.39	<=33.01	Pass
	100	0	22.16	2.17	24.33	<=33.01	Pass	
	2610	1	0	23.22	2.17	25.39	<=33.01	Pass
			50	23.62	2.17	25.79	<=33.01	Pass
			99	23.45	2.17	25.62	<=33.01	Pass
		50	0	22.40	2.17	24.57	<=33.01	Pass
			25	22.49	2.17	24.66	<=33.01	Pass
			50	22.55	2.17	24.72	<=33.01	Pass
		100	0	22.45	2.17	24.62	<=33.01	Pass
16QAM	2580	1	0	22.10	2.17	24.27	<=33.01	Pass
			50	22.21	2.17	24.38	<=33.01	Pass
			99	21.98	2.17	24.15	<=33.01	Pass
		12	0	21.77	2.17	23.94	<=33.01	Pass
			44	21.82	2.17	23.99	<=33.01	Pass
			88	21.81	2.17	23.98	<=33.01	Pass
		27	0	20.91	2.17	23.08	<=33.01	Pass
	2595	1	0	22.35	2.17	24.52	<=33.01	Pass
			50	22.39	2.17	24.56	<=33.01	Pass
			99	22.26	2.17	24.43	<=33.01	Pass
		12	0	22.12	2.17	24.29	<=33.01	Pass
			44	22.13	2.17	24.30	<=33.01	Pass
			88	22.15	2.17	24.32	<=33.01	Pass
	27	0	21.05	2.17	23.22	<=33.01	Pass	
	2610	1	0	22.56	2.17	24.73	<=33.01	Pass
			50	22.66	2.17	24.83	<=33.01	Pass
			99	22.70	2.17	24.87	<=33.01	Pass
		12	0	22.24	2.17	24.41	<=33.01	Pass
			44	22.44	2.17	24.61	<=33.01	Pass
			88	22.42	2.17	24.59	<=33.01	Pass
		27	73	21.53	2.17	23.70	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B38_20MHz

Band: 38 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2580	100	0	20	3.27	-8.368	-0.0032	-2.5 to 2.5	Pass
					3.85	-5.479	-0.0021	-2.5 to 2.5	Pass
					4.43	-5.736	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.591	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.433	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.918	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.904	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.747	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-2.460	-0.0010	-2.5 to 2.5	Pass
				40	3.85	-2.832	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-1.302	-0.0005	-2.5 to 2.5	Pass
	2595	100	0	20	3.27	-6.351	-0.0024	-2.5 to 2.5	Pass
					3.85	-4.163	-0.0016	-2.5 to 2.5	Pass
					4.43	-2.818	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-2.460	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-5.436	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-7.553	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-2.890	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-4.363	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-2.160	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-2.604	-0.0010	-2.5 to 2.5	Pass
	2610	100	0	20	3.27	-6.394	-0.0024	-2.5 to 2.5	Pass
					3.85	-6.137	-0.0024	-2.5 to 2.5	Pass
					4.43	-5.994	-0.0023	-2.5 to 2.5	Pass
				-30	3.85	-5.336	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-3.762	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-4.692	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-3.033	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-3.862	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.459	-0.0006	-2.5 to 2.5	Pass
				40	3.85	-2.990	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-6.351	-0.0024	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band38_OBW

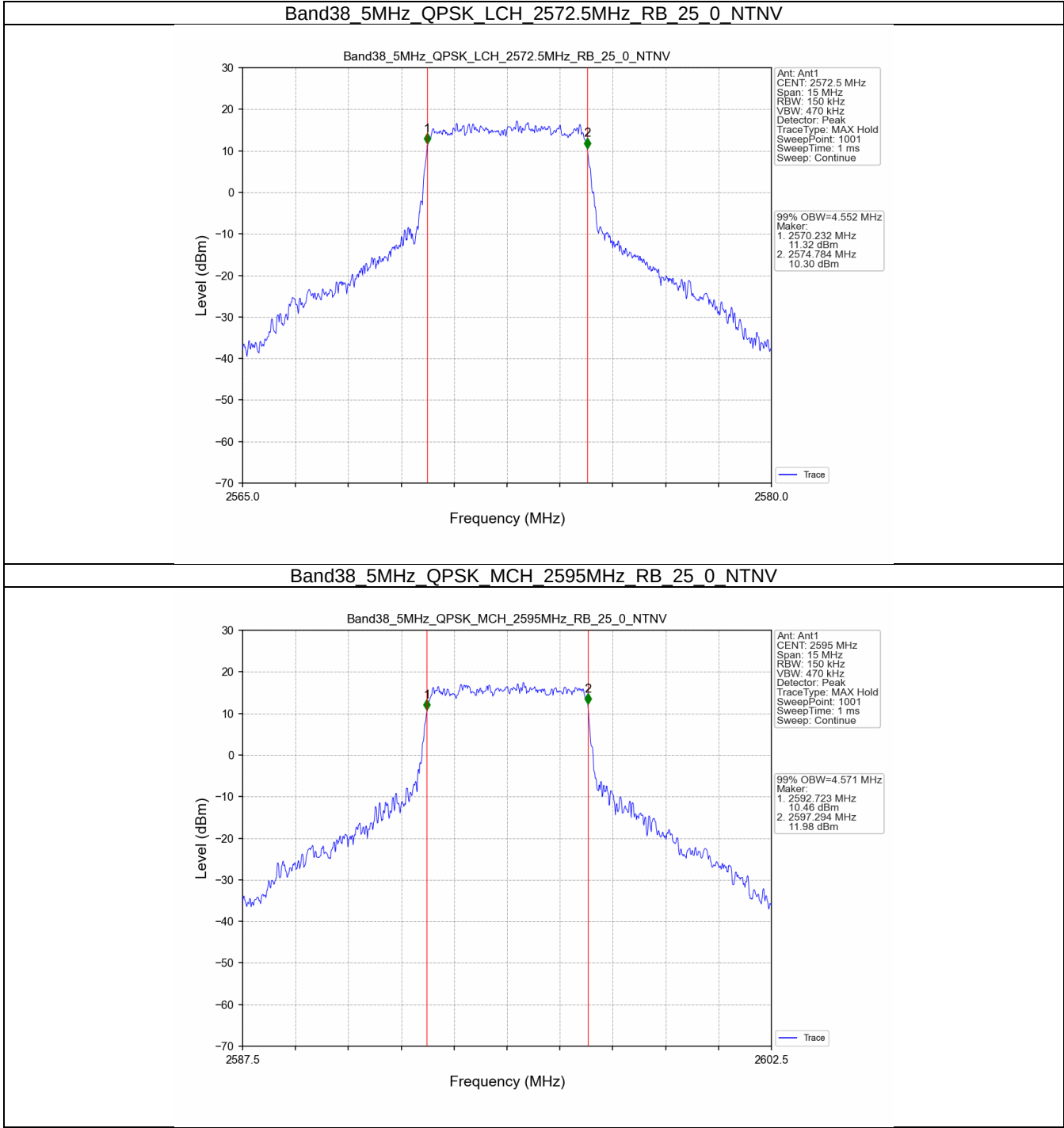
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	4.552	/	Pass
		2595	25	0	4.571	/	Pass
		2617.5	25	0	4.577	/	Pass
	16QAM	2572.5	25	0	4.574	/	Pass
		2595	25	0	4.543	/	Pass
		2617.5	25	0	4.550	/	Pass
10	QPSK	2575	50	0	9.006	/	Pass
		2595	50	0	9.094	/	Pass
		2615	50	0	9.049	/	Pass
	16QAM	2575	27	0	5.092	/	Pass
		2595	27	0	5.097	/	Pass
		2615	27	23	5.122	/	Pass
15	QPSK	2577.5	75	0	13.663	/	Pass
		2595	75	0	13.647	/	Pass
		2612.5	75	0	13.677	/	Pass
	16QAM	2577.5	27	0	5.446	/	Pass
		2595	27	0	5.369	/	Pass
		2612.5	27	48	5.419	/	Pass
20	QPSK	2580	100	0	18.123	/	Pass
		2595	100	0	18.207	/	Pass
		2610	100	0	18.134	/	Pass
	16QAM	2580	27	0	5.577	/	Pass
		2595	27	0	5.567	/	Pass
		2610	27	73	5.656	/	Pass

3.1.2 Band38_XDB

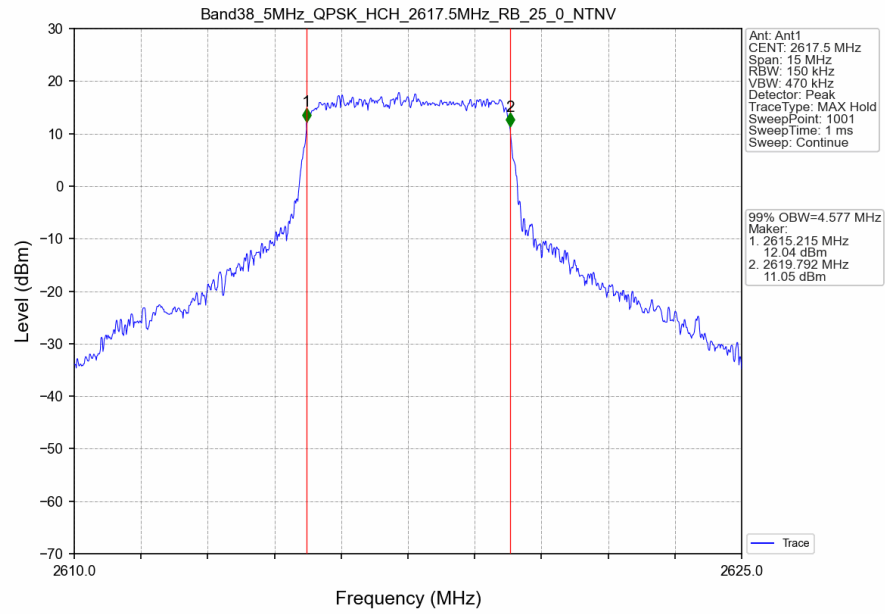
Band: 38 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2572.5	25	0	5.486	/	Pass
		2595	25	0	5.714	/	Pass
		2617.5	25	0	5.675	/	Pass
	16QAM	2572.5	25	0	5.450	/	Pass
		2595	25	0	5.257	/	Pass
		2617.5	25	0	5.584	/	Pass
10	QPSK	2575	50	0	10.327	/	Pass
		2595	50	0	10.401	/	Pass
		2615	50	0	10.376	/	Pass
	16QAM	2575	27	0	6.304	/	Pass
		2595	27	0	6.489	/	Pass
		2615	27	23	6.443	/	Pass
15	QPSK	2577.5	75	0	15.620	/	Pass
		2595	75	0	15.656	/	Pass
		2612.5	75	0	15.500	/	Pass
	16QAM	2577.5	27	0	7.105	/	Pass
		2595	27	0	7.048	/	Pass
		2612.5	27	48	7.024	/	Pass
20	QPSK	2580	100	0	20.386	/	Pass
		2595	100	0	20.297	/	Pass
		2610	100	0	20.217	/	Pass
	16QAM	2580	27	0	7.407	/	Pass
		2595	27	0	7.238	/	Pass
		2610	27	73	7.679	/	Pass

3.2 Test Graph

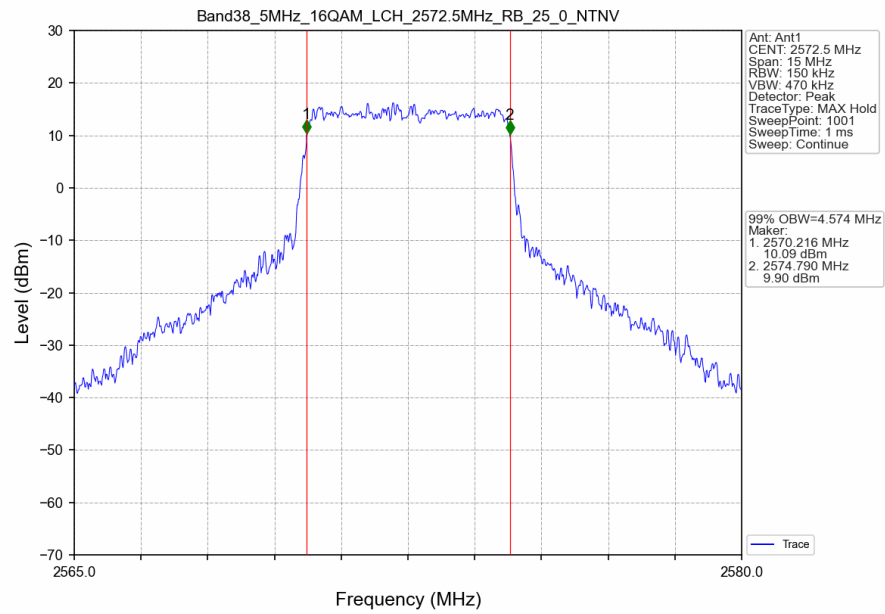
3.2.1 Band38_OBW



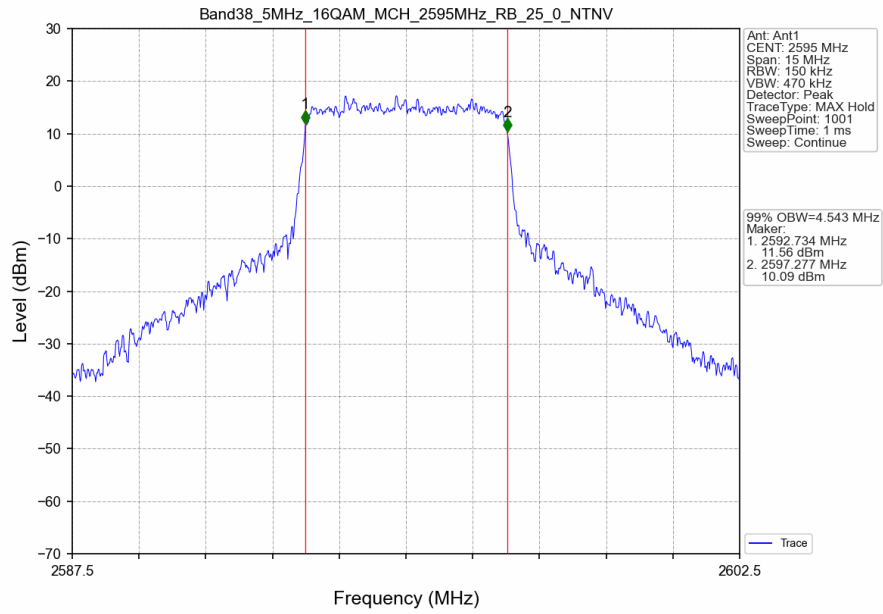
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



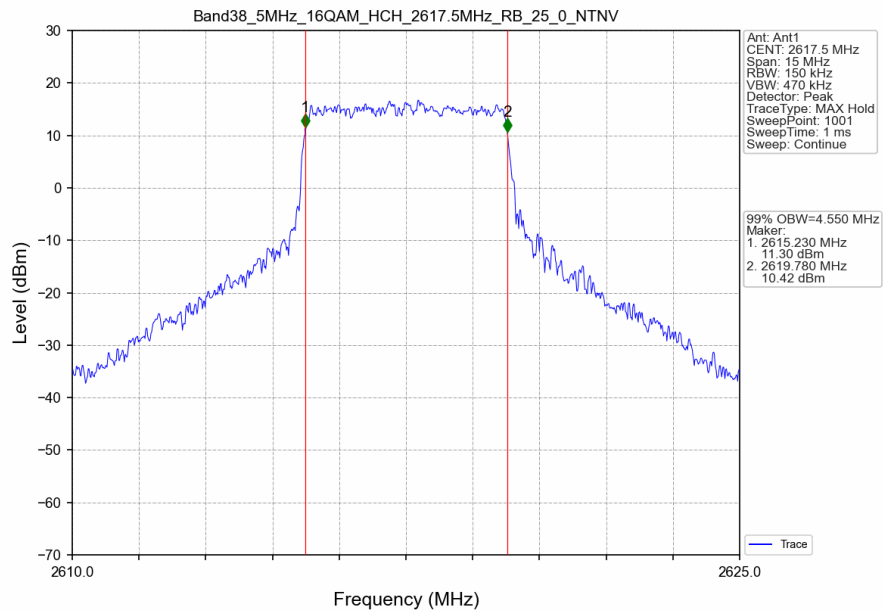
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



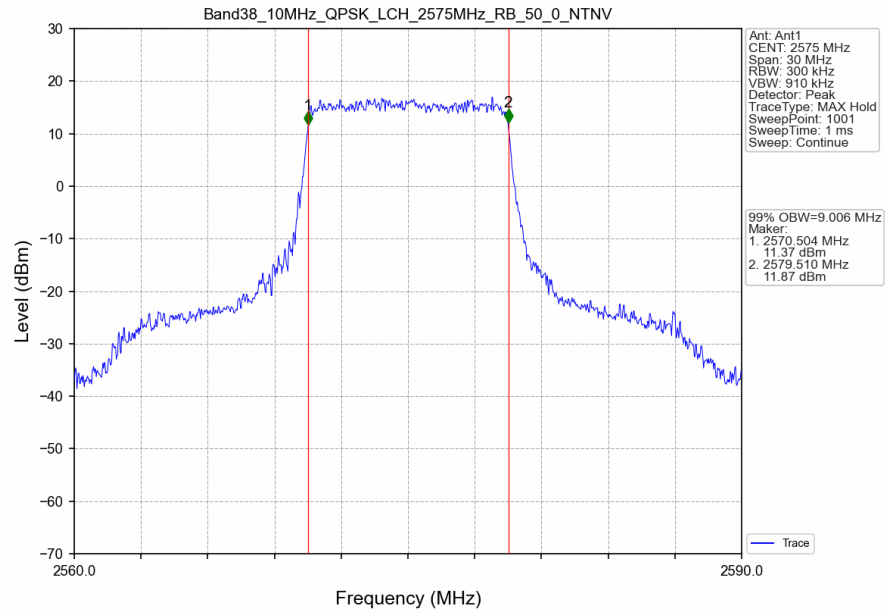
Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTN



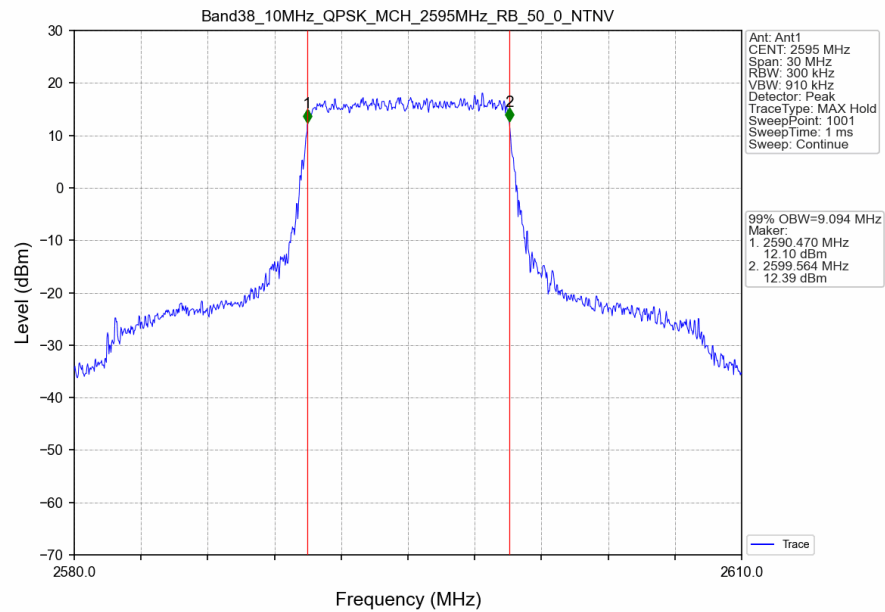
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTN



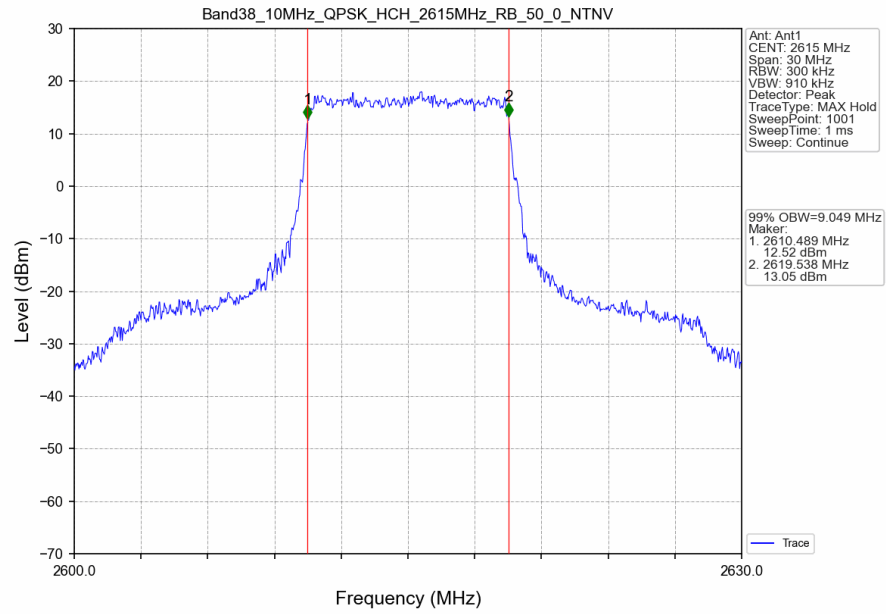
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



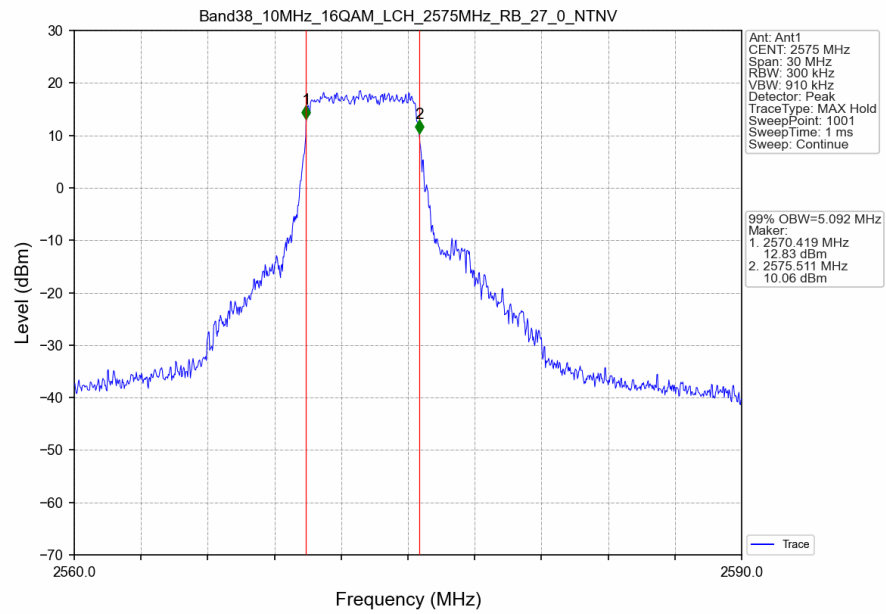
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



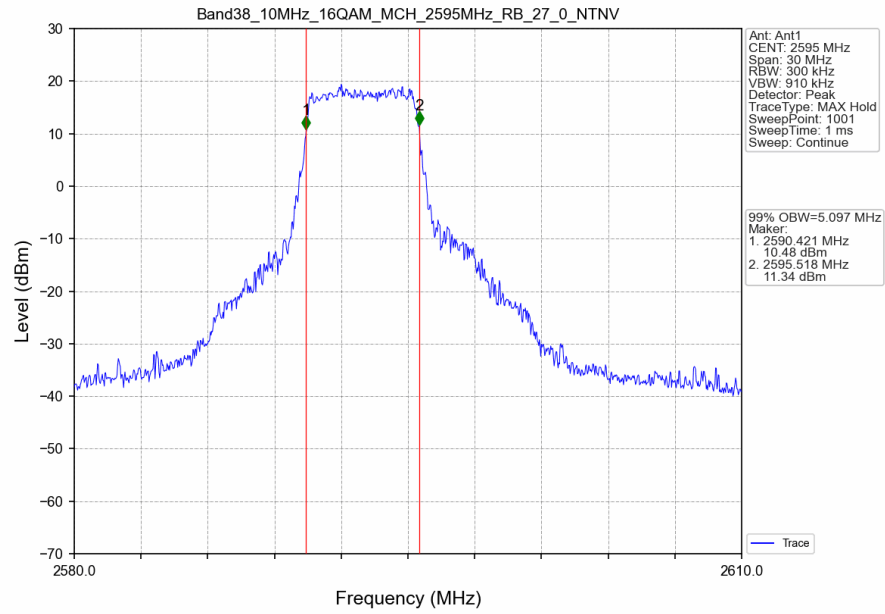
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



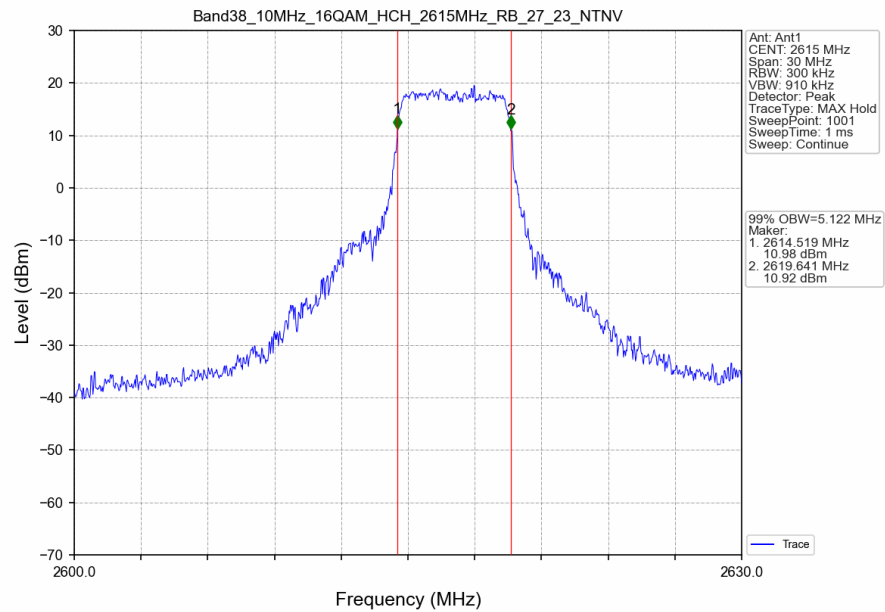
Band38_10MHz_16QAM_LCH_2575MHz_RB_27_0_NTNV



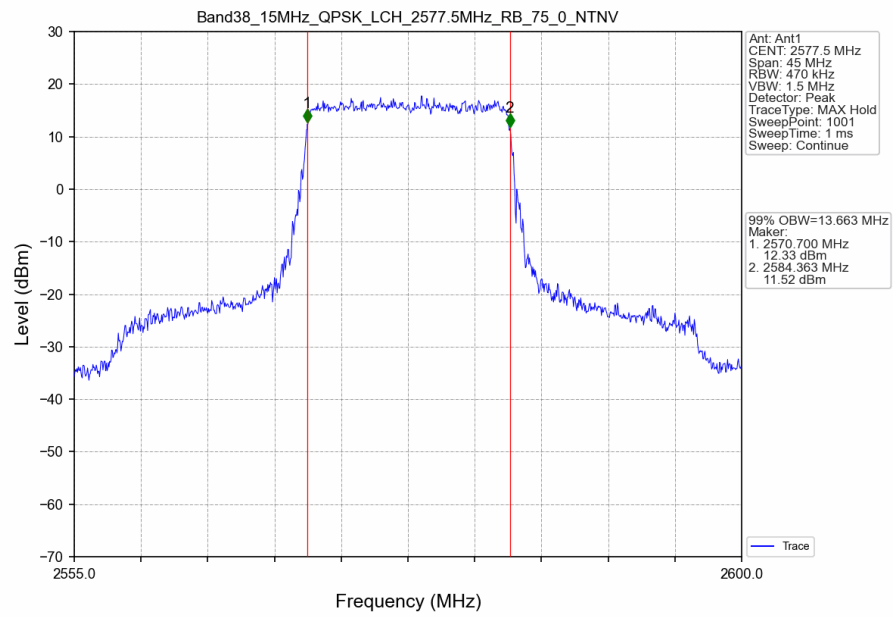
Band38 10MHz 16QAM MCH 2595MHz RB 27 0 NTN



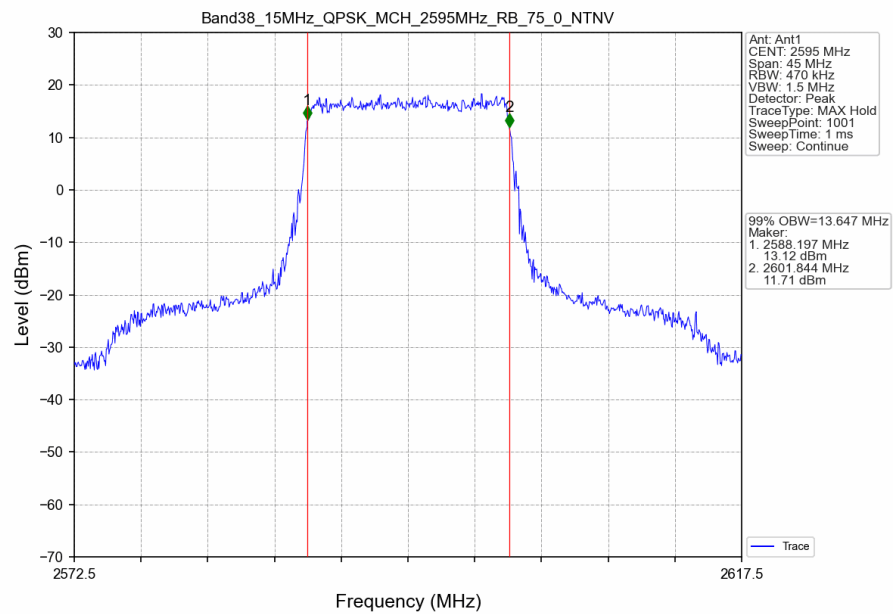
Band38 10MHz 16QAM HCH 2615MHz RB 27 23 NTN



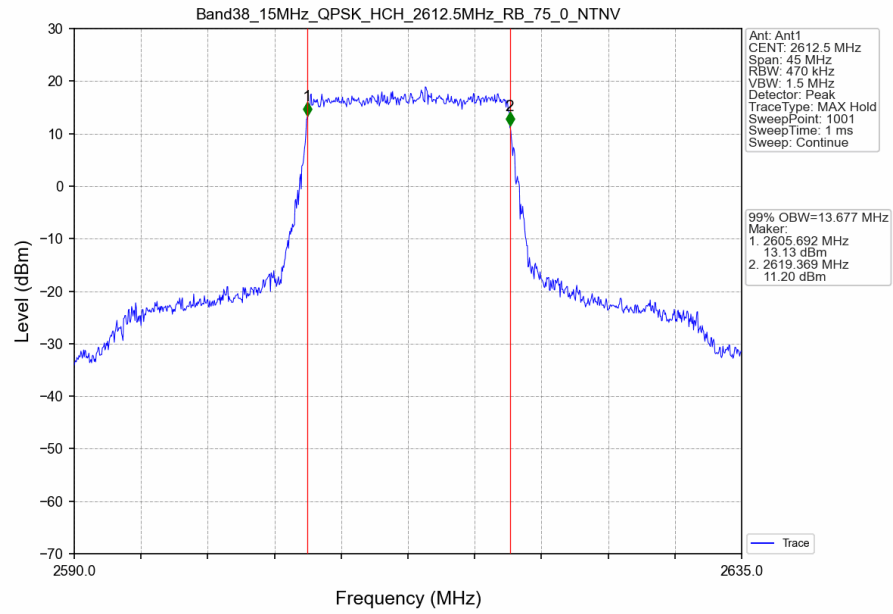
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



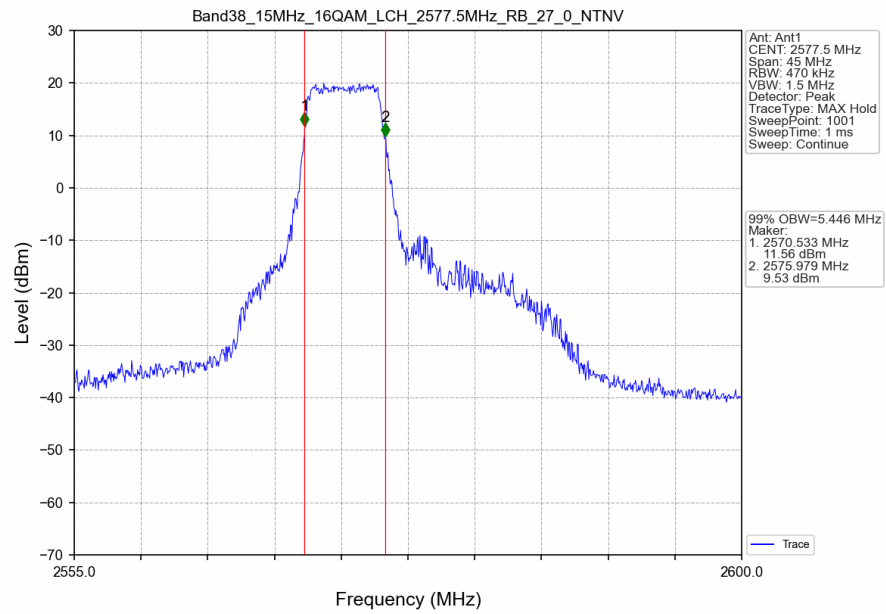
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTNV



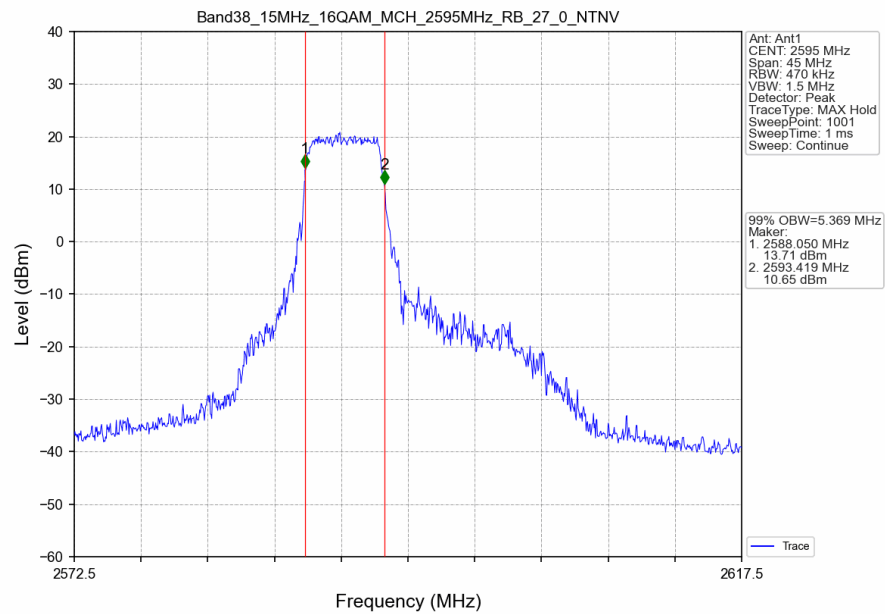
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



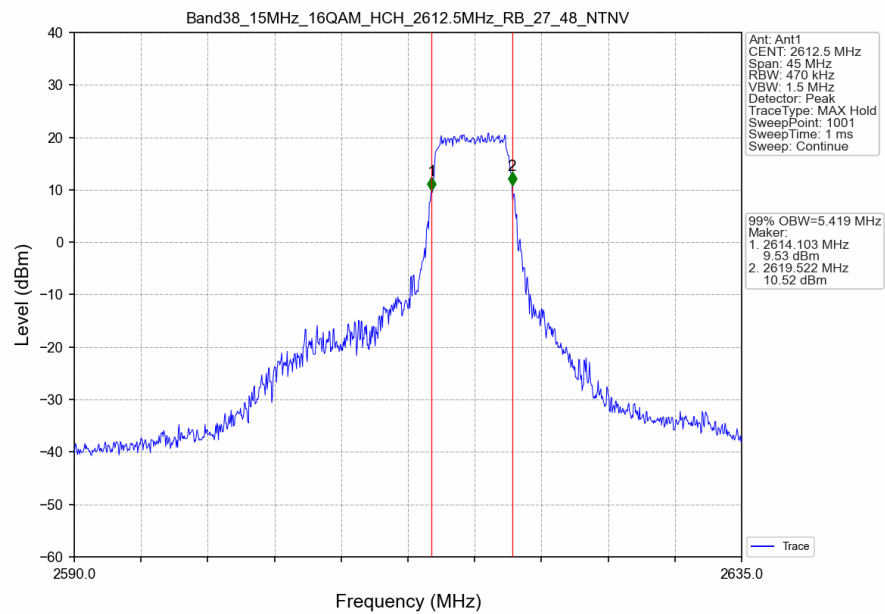
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_27_0_NTNV



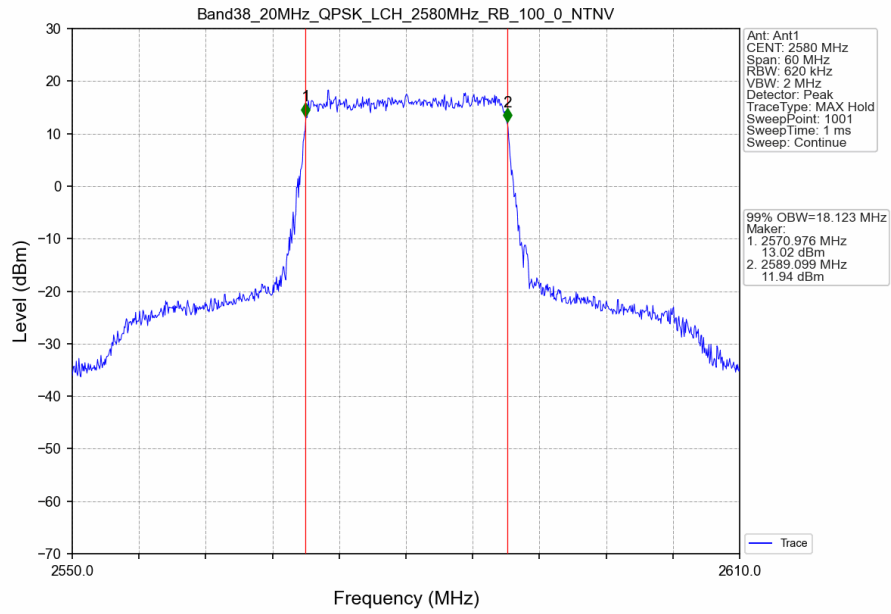
Band38 15MHz 16QAM MCH 2595MHz RB 27 0 NTV



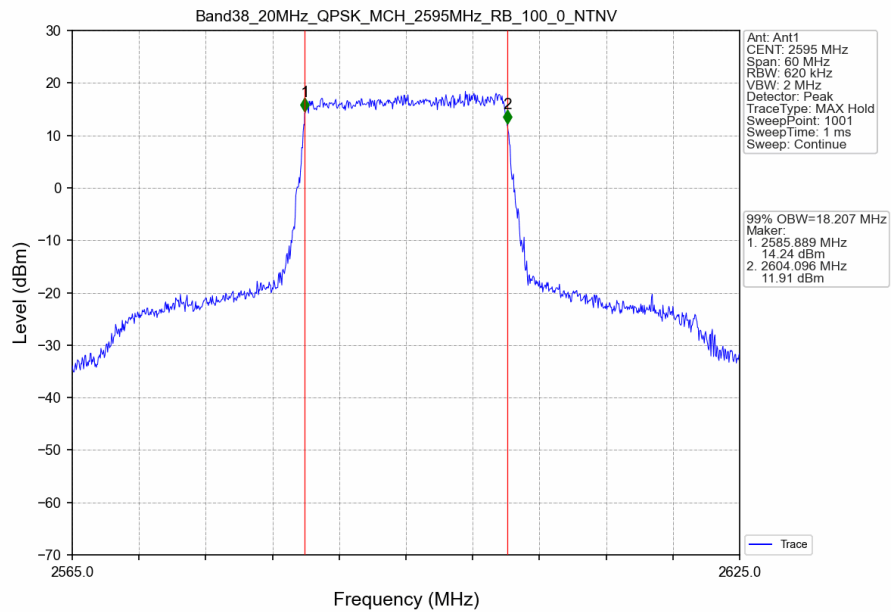
Band38 15MHz 16QAM HCH 2612.5MHz RB 27 48 NTV



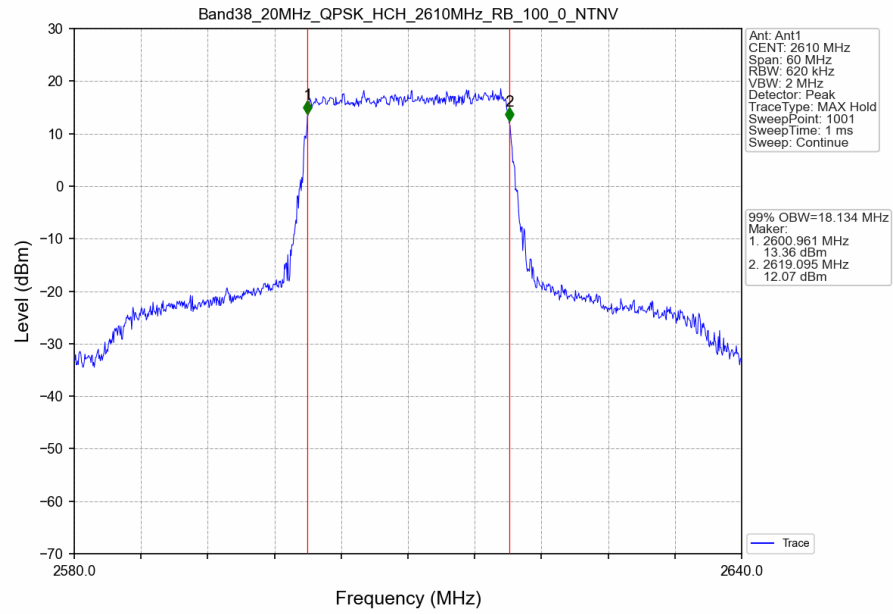
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTN



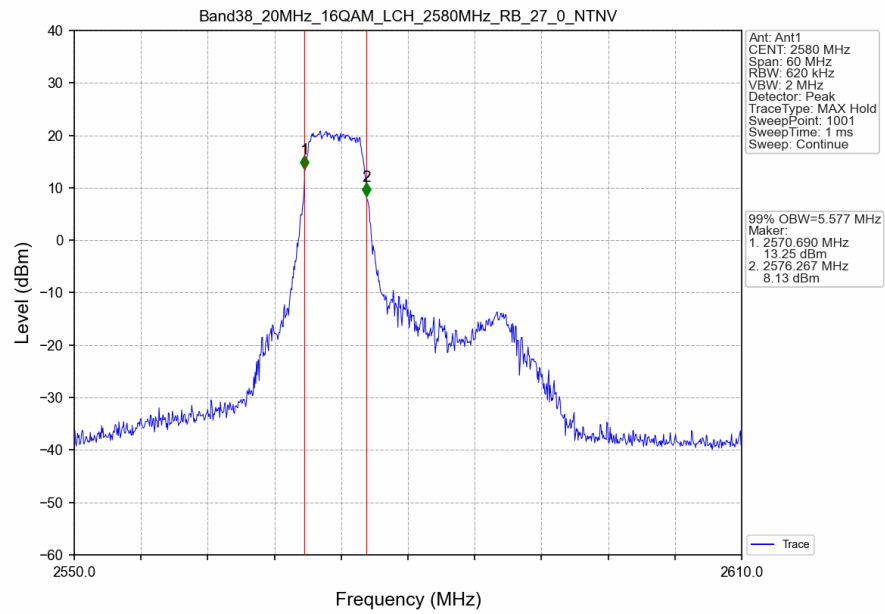
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTN



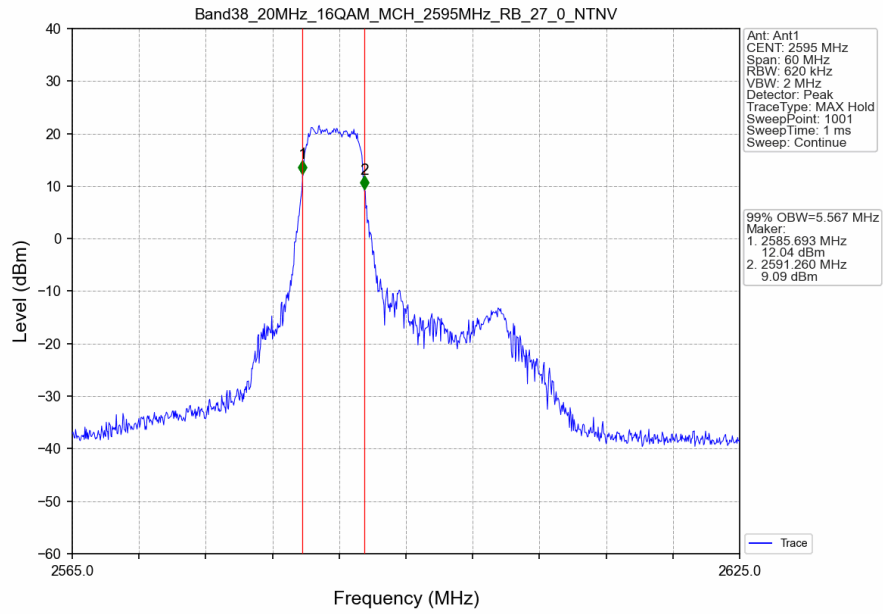
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTN



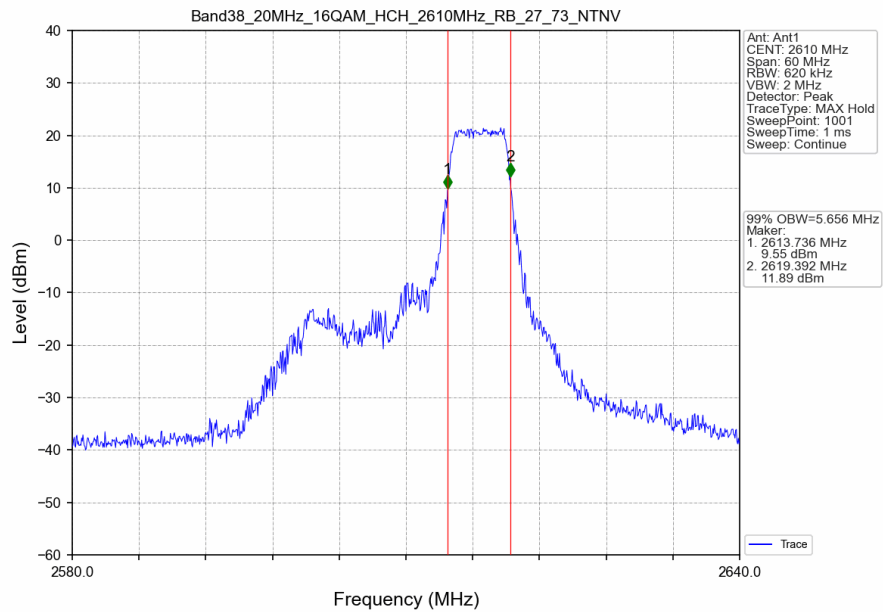
Band38 20MHz 16QAM LCH 2580MHz RB 27 0 NTN



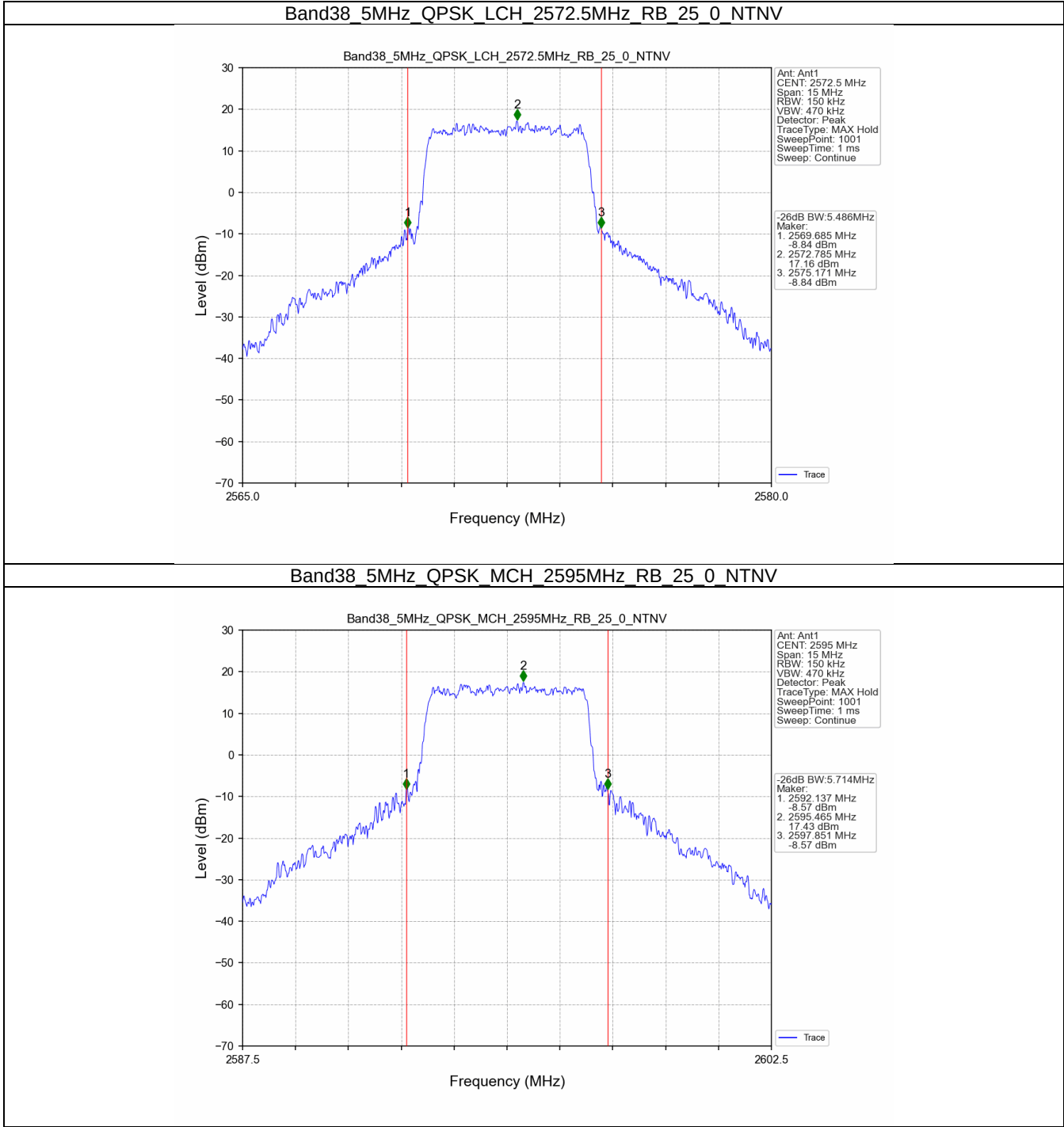
Band38_20MHz_16QAM_MCH_2595MHz_RB_27_0_NTNV



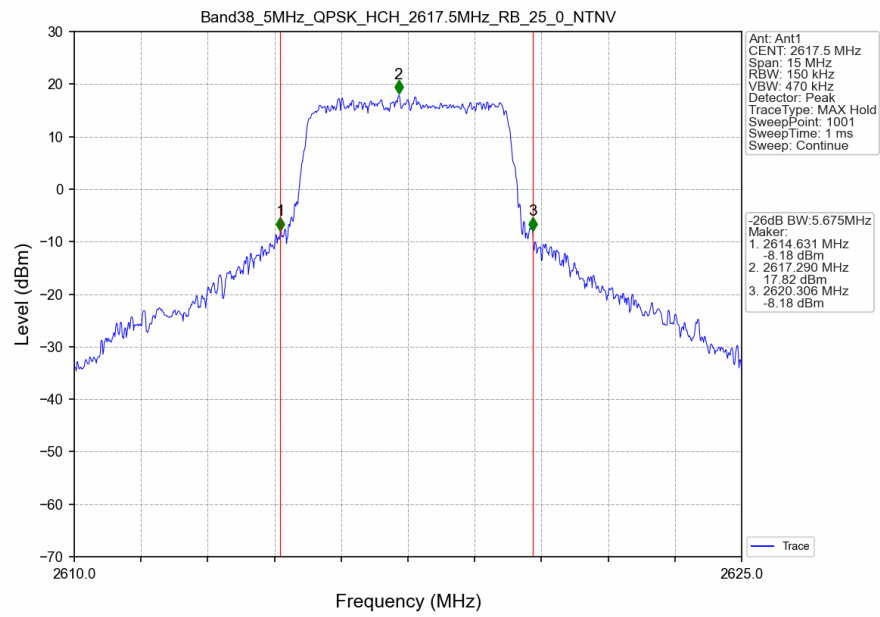
Band38_20MHz_16QAM_HCH_2610MHz_RB_27_73_NTNV



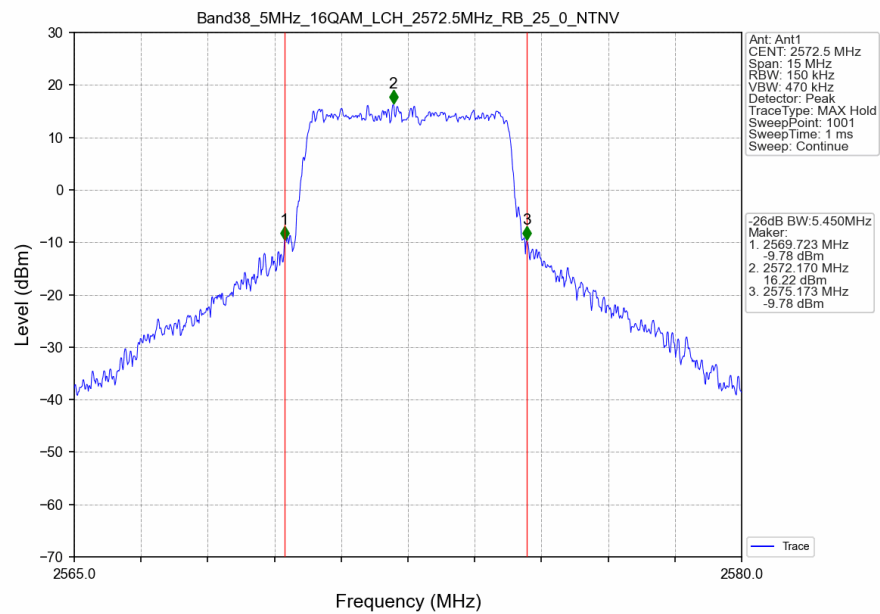
3.2.2 Band38_XDB



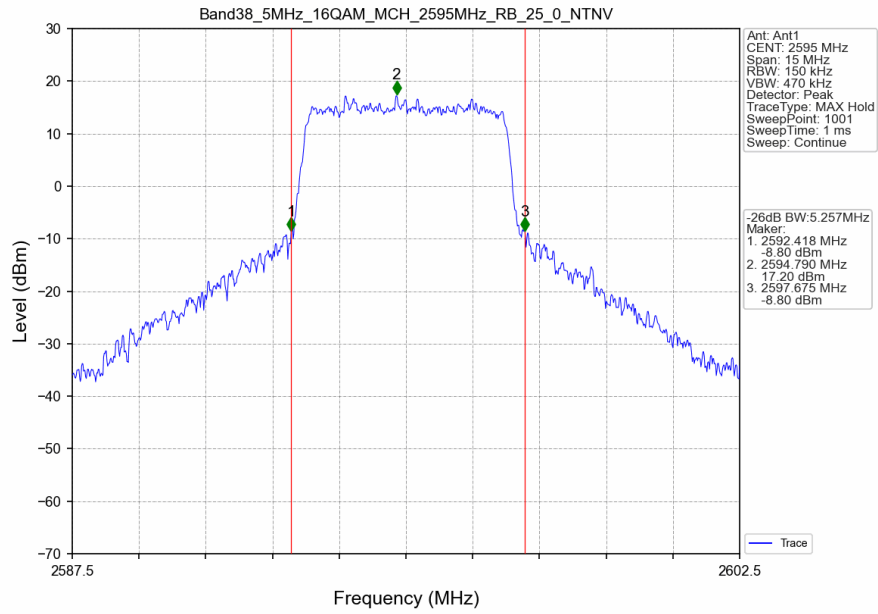
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV



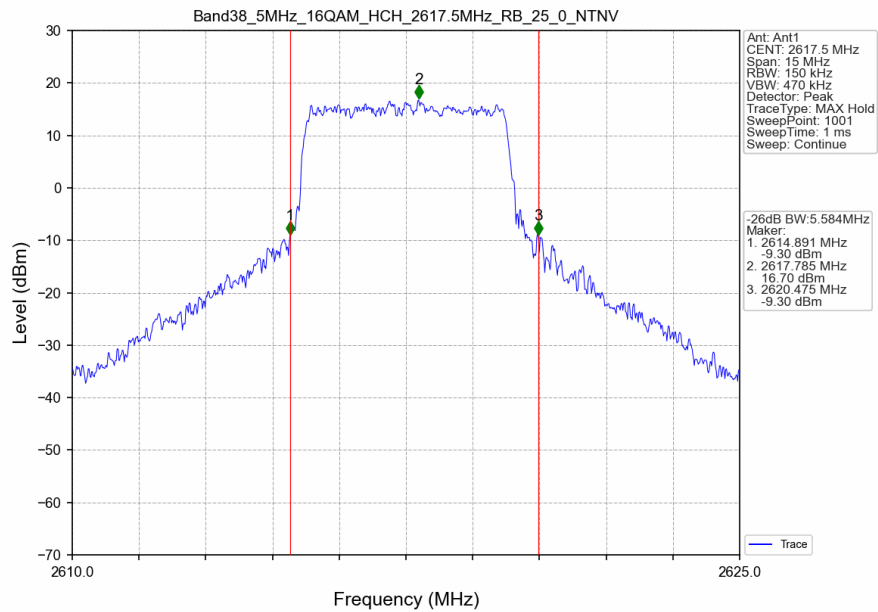
Band38 5MHz 16QAM LCH 2572.5MHz RB 25 0 NTNV



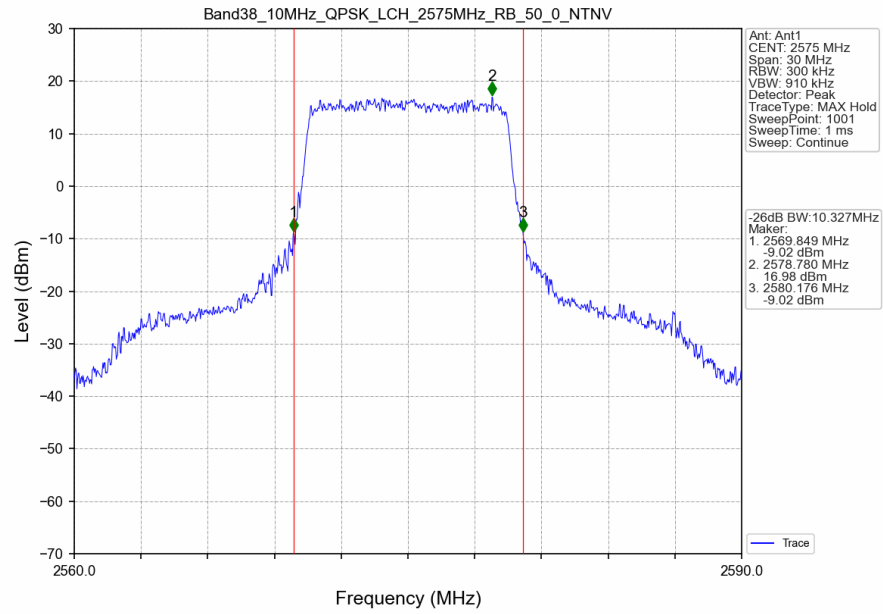
Band38 5MHz 16QAM MCH 2595MHz RB 25 0 NTNV



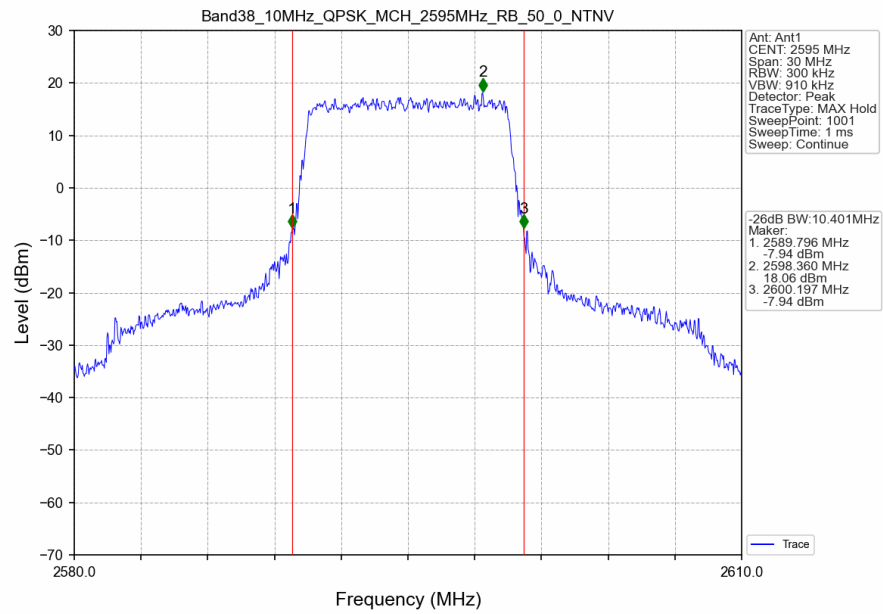
Band38 5MHz 16QAM HCH 2617.5MHz RB 25 0 NTNV



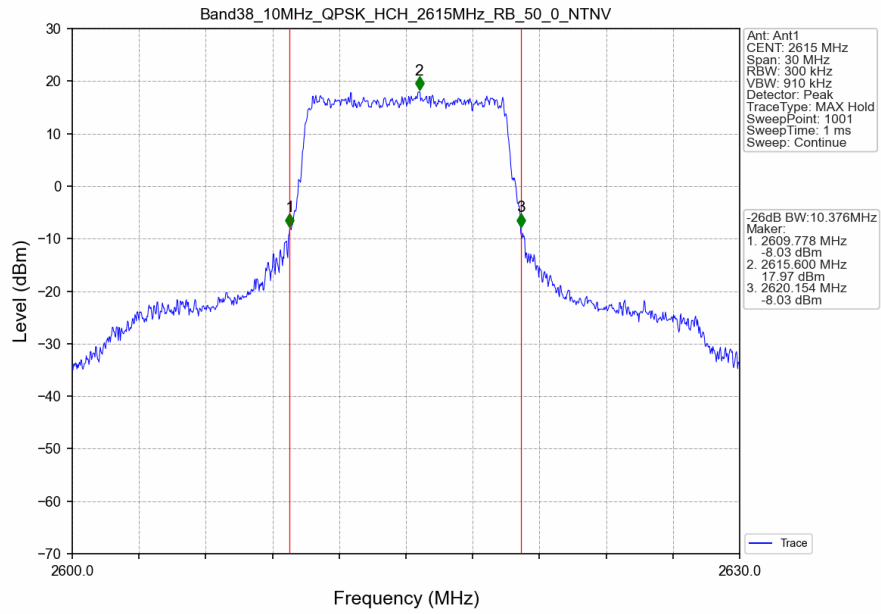
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



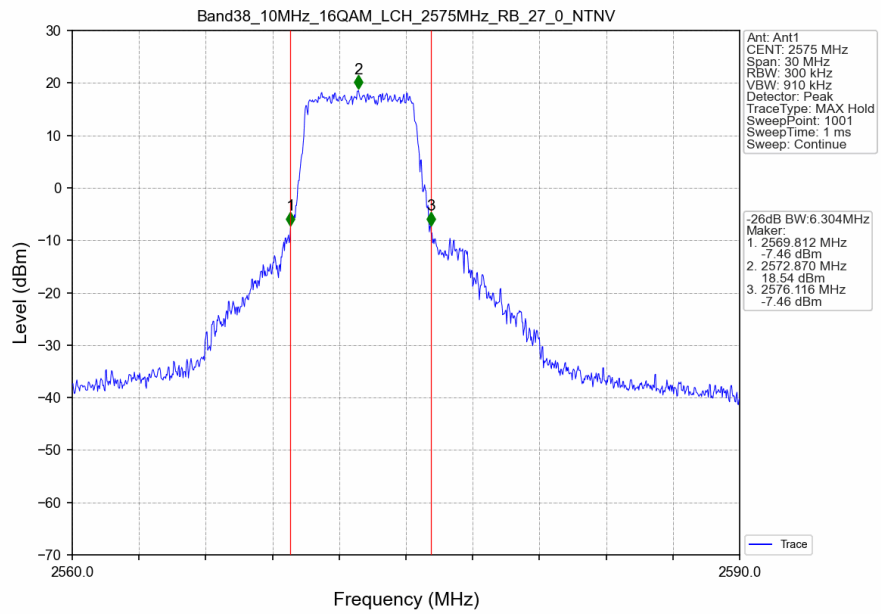
Band38_10MHz_QPSK_MCH_2595MHz_RB_50_0_NTNV



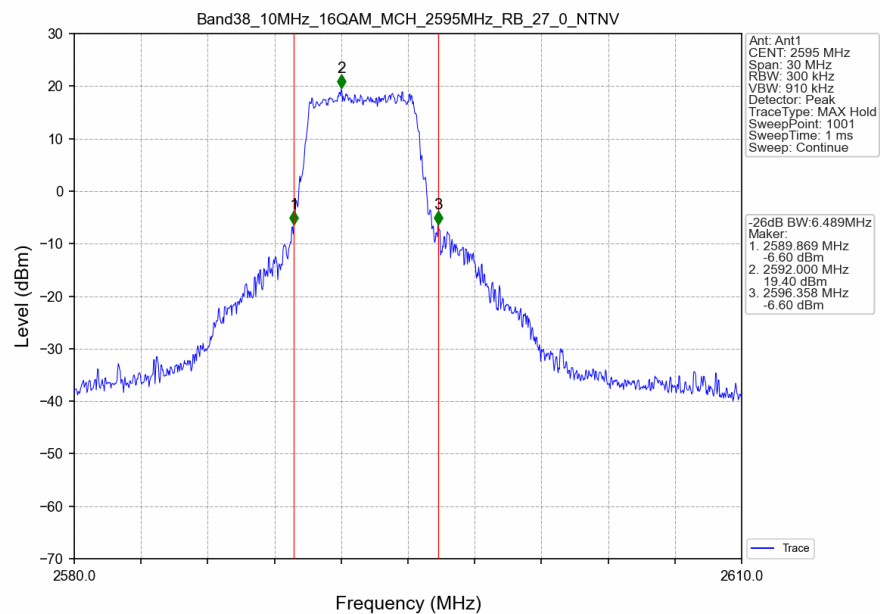
Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV



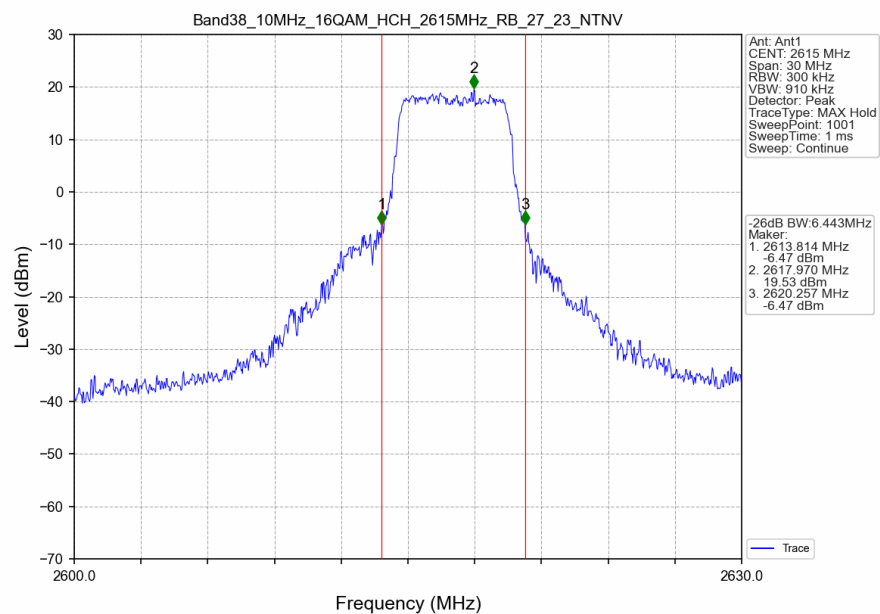
Band38_10MHz_16QAM_LCH_2575MHz_RB_27_0_NTNV



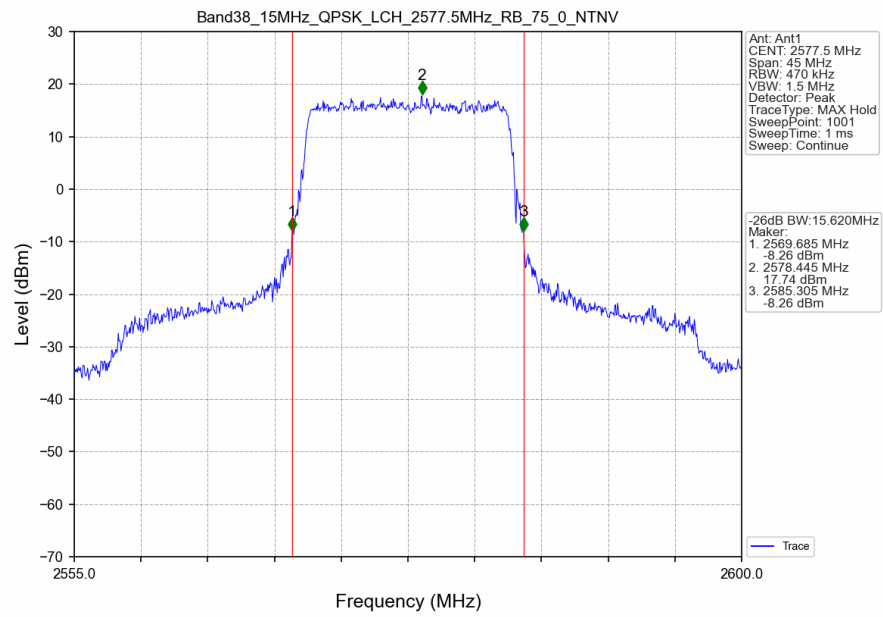
Band38 10MHz 16QAM MCH 2595MHz RB 27 0 NTN



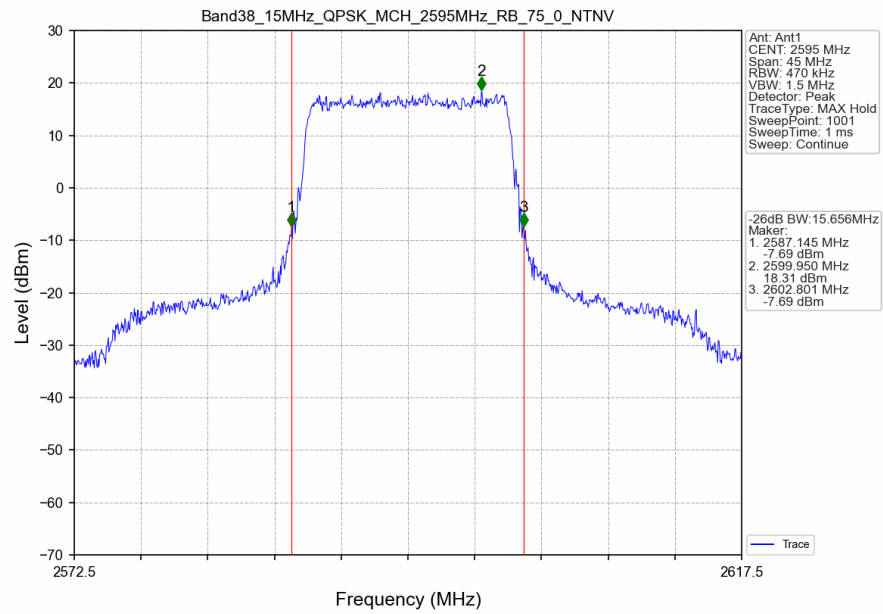
Band38 10MHz 16QAM HCH 2615MHz RB 27 23 NTN



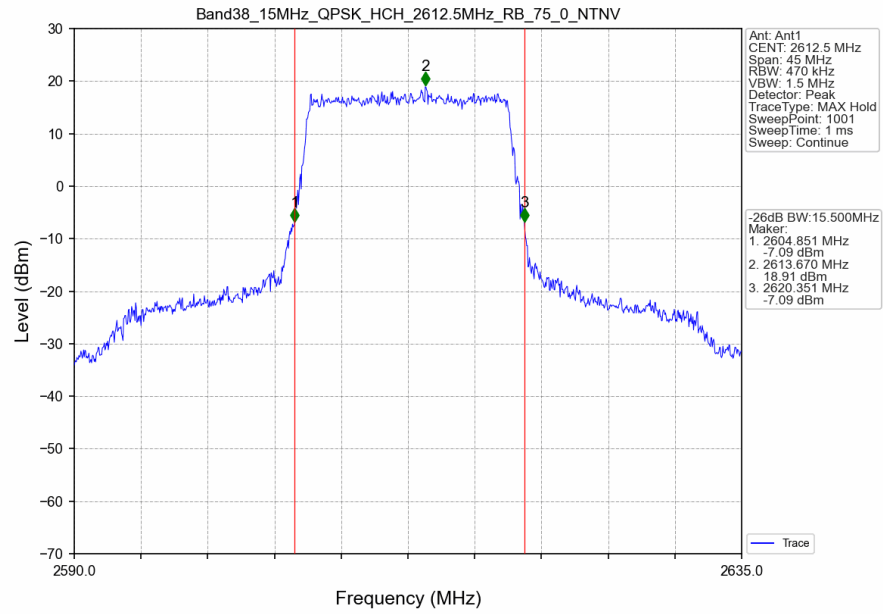
Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



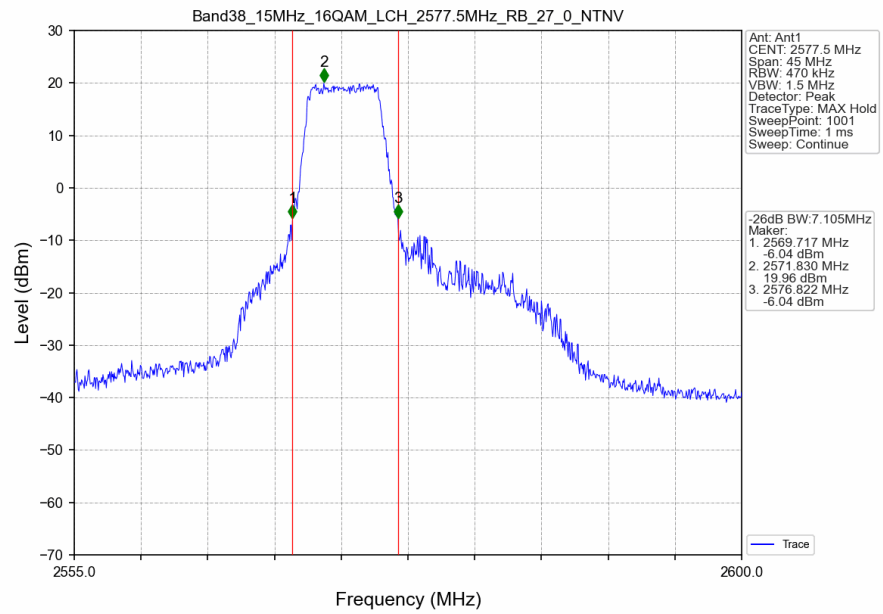
Band38 15MHz QPSK MCH 2595MHz RB 75 0 NTNV



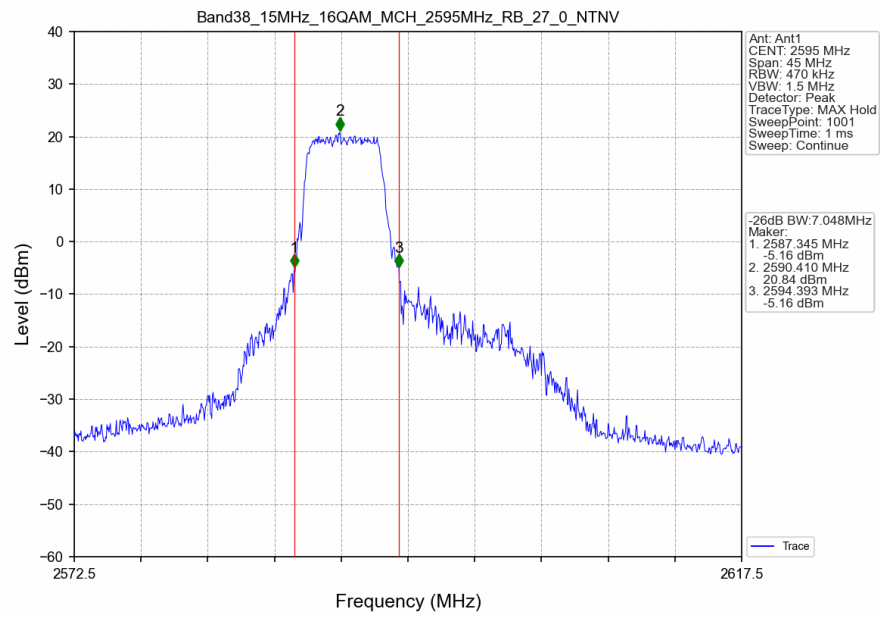
Band38_15MHz_QPSK_HCH_2612.5MHz_RB_75_0_NTNV



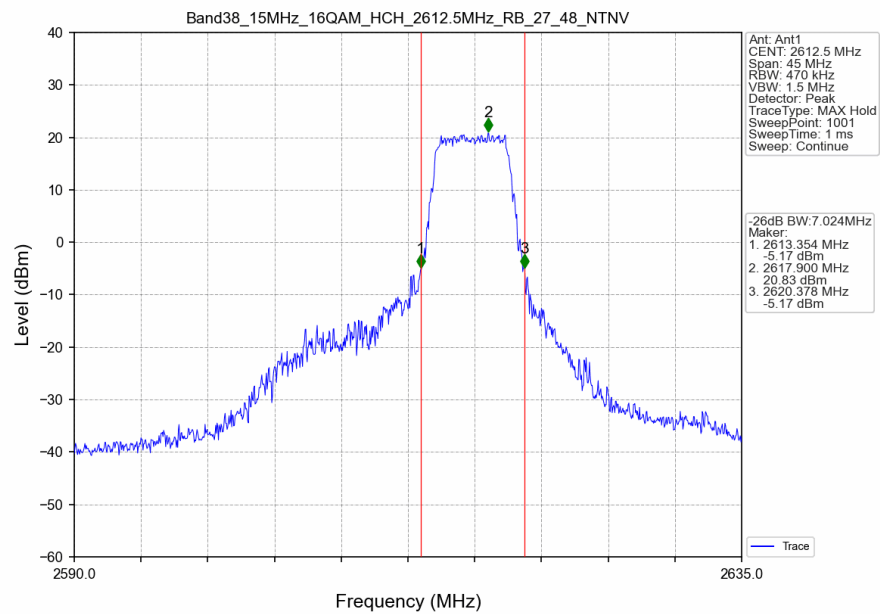
Band38_15MHz_16QAM_LCH_2577.5MHz_RB_27_0_NTNV



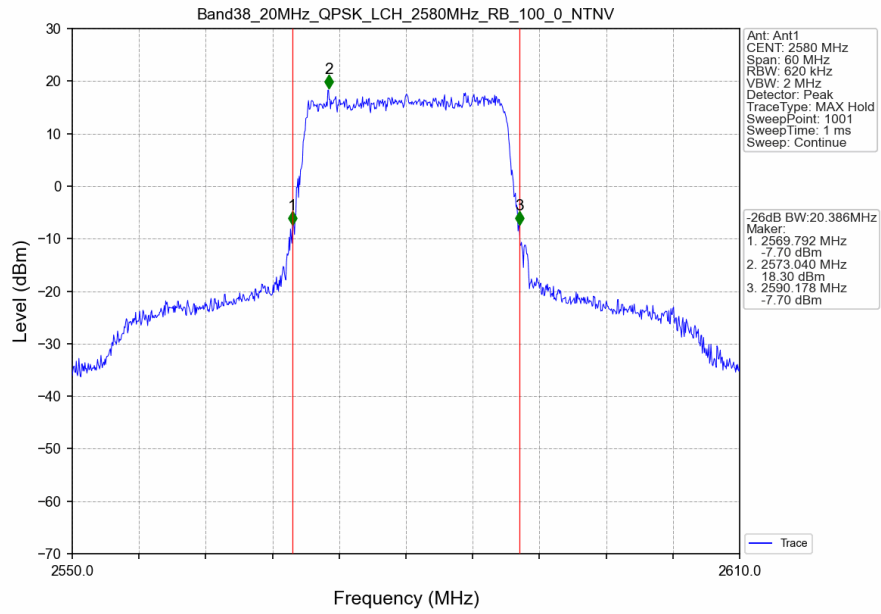
Band38 15MHz 16QAM MCH 2595MHz RB 27 0 NTN



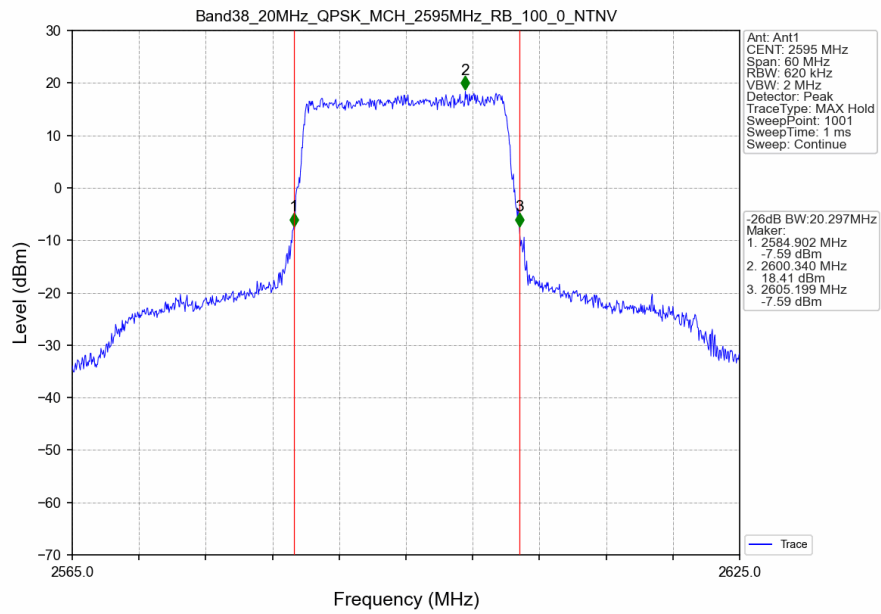
Band38 15MHz 16QAM HCH 2612.5MHz RB 27 48 NTN



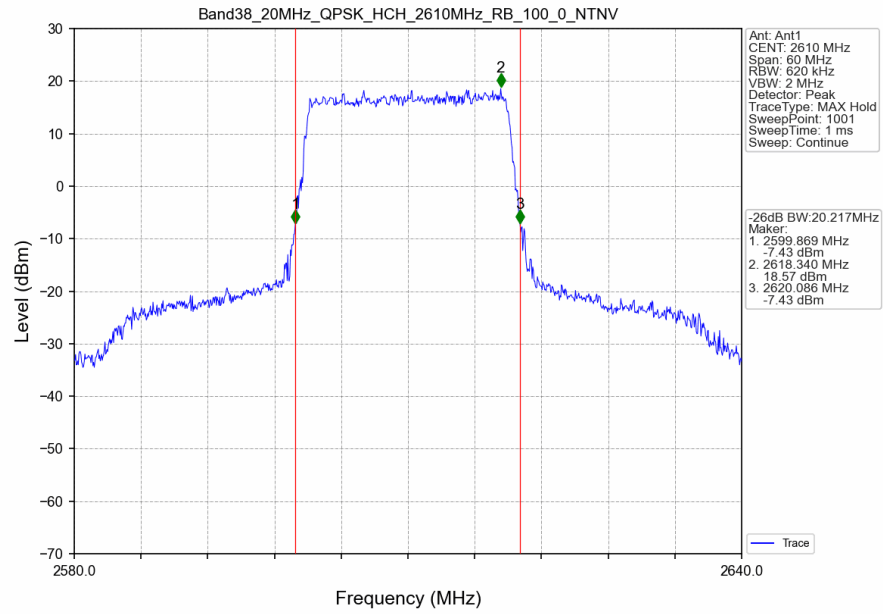
Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV



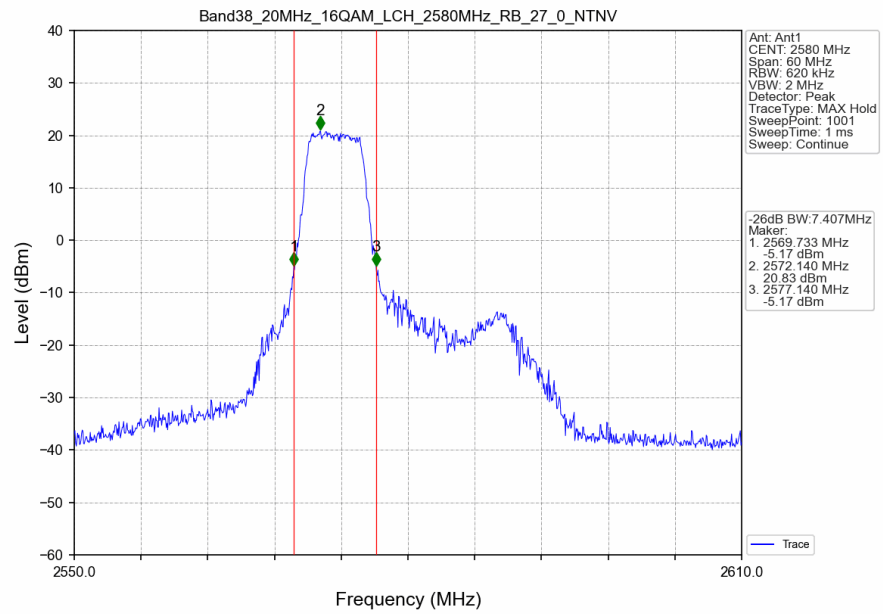
Band38 20MHz QPSK MCH 2595MHz RB 100 0 NTNV



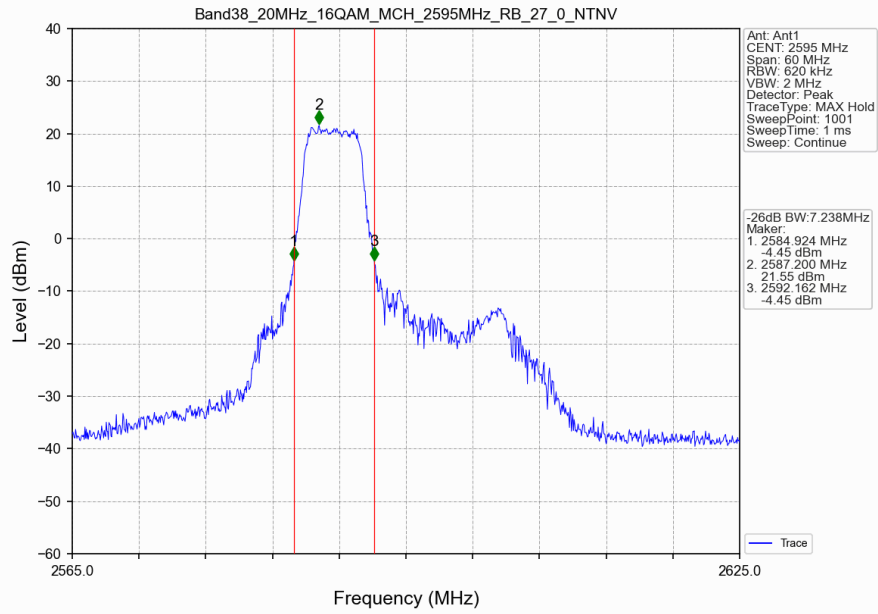
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTN



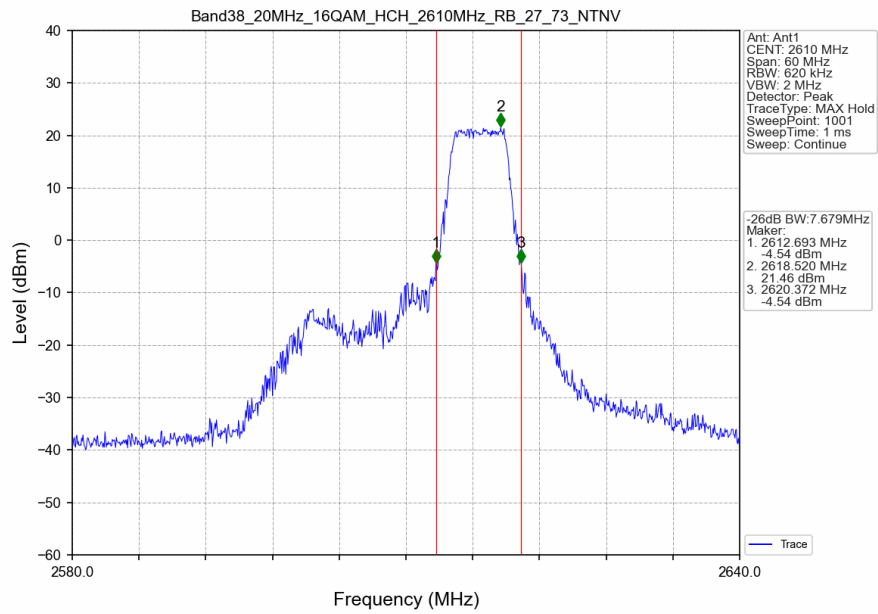
Band38 20MHz 16QAM LCH 2580MHz RB 27 0 NTN



Band38_20MHz_16QAM_MCH_2595MHz_RB_27_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_27_73_NTNV



4. Peak-Average Ratio

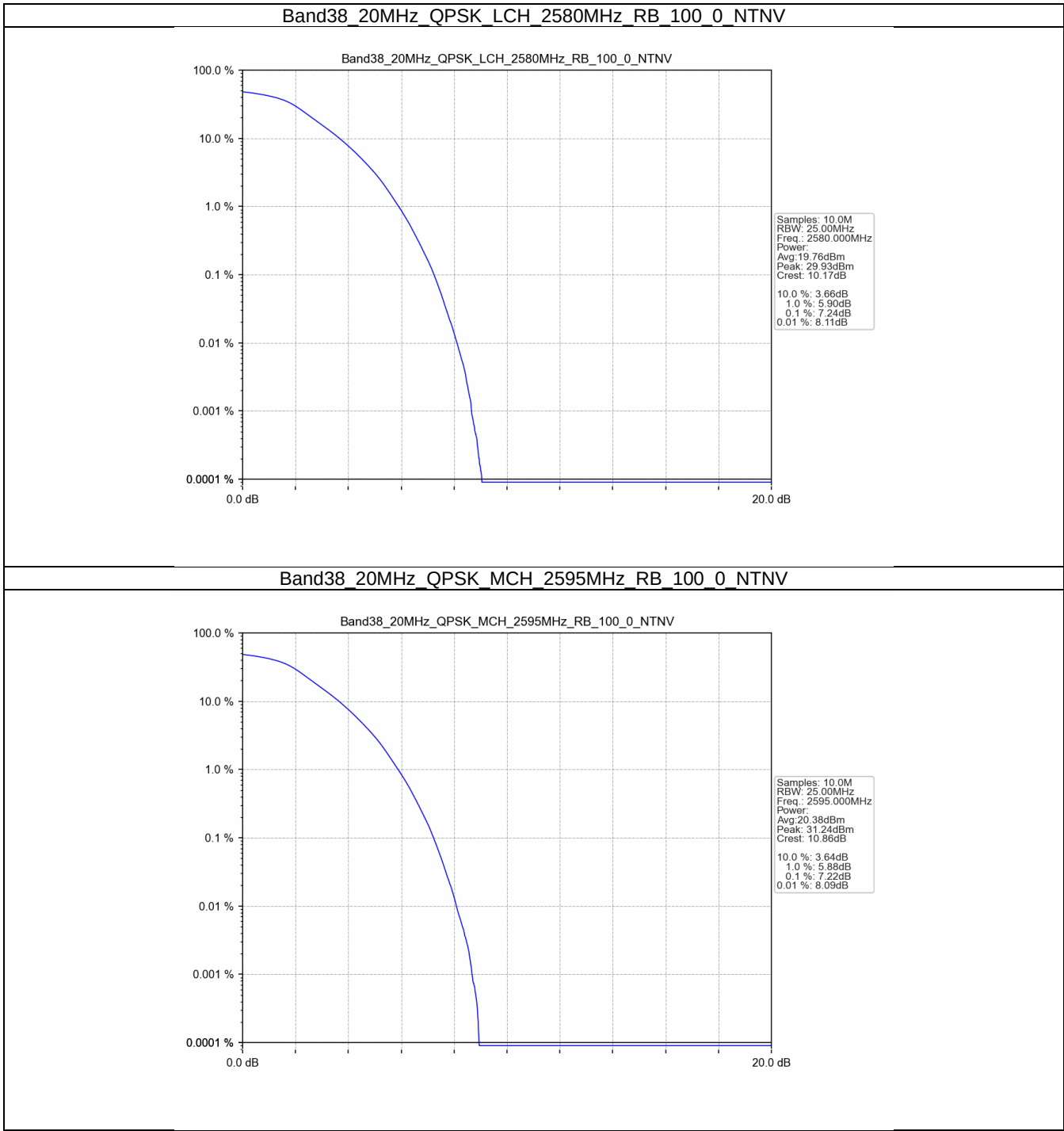
4.1 Test Result

4.1.1 B38_20MHz

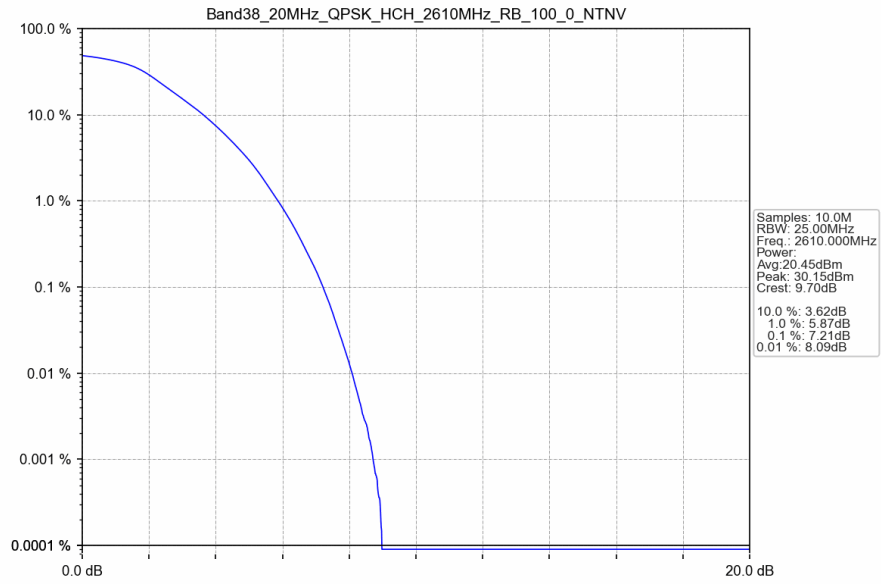
Band: 38 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	100	0	7.24	<=13	Pass
	2595	100	0	7.22	<=13	Pass
	2610	100	0	7.21	<=13	Pass
16QAM	2580	27	0	7.92	<=13	Pass
	2595	27	0	8.56	<=13	Pass
	2610	27	73	8.12	<=13	Pass

4.2 Test Graph

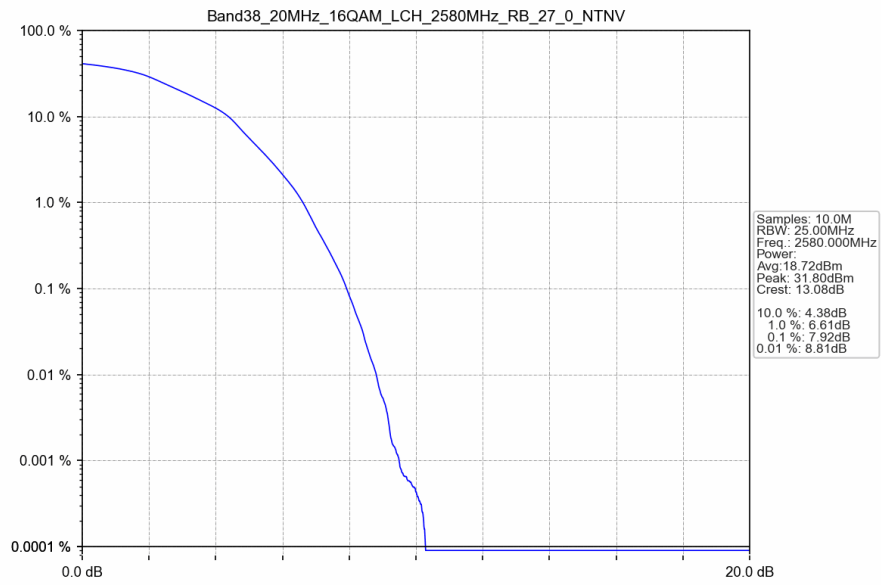
4.2.1 B38_20MHz



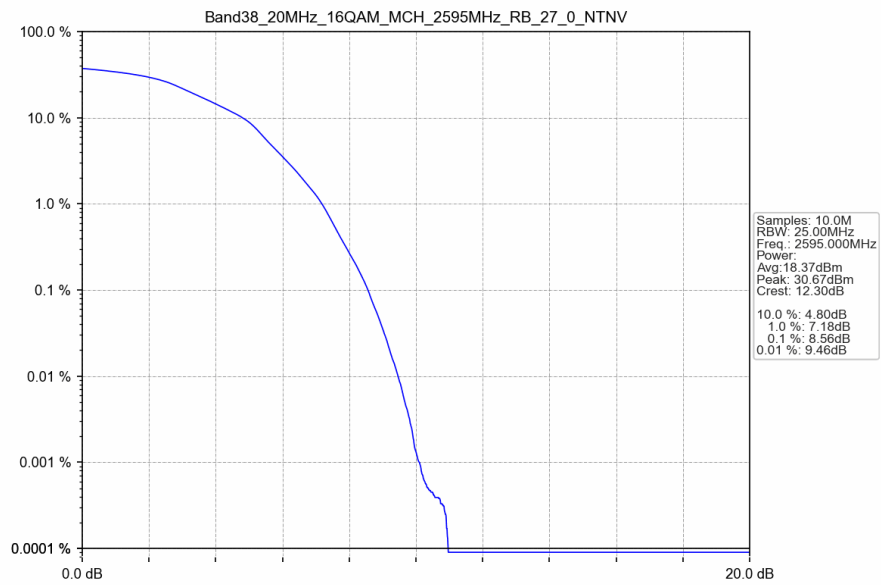
Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTV



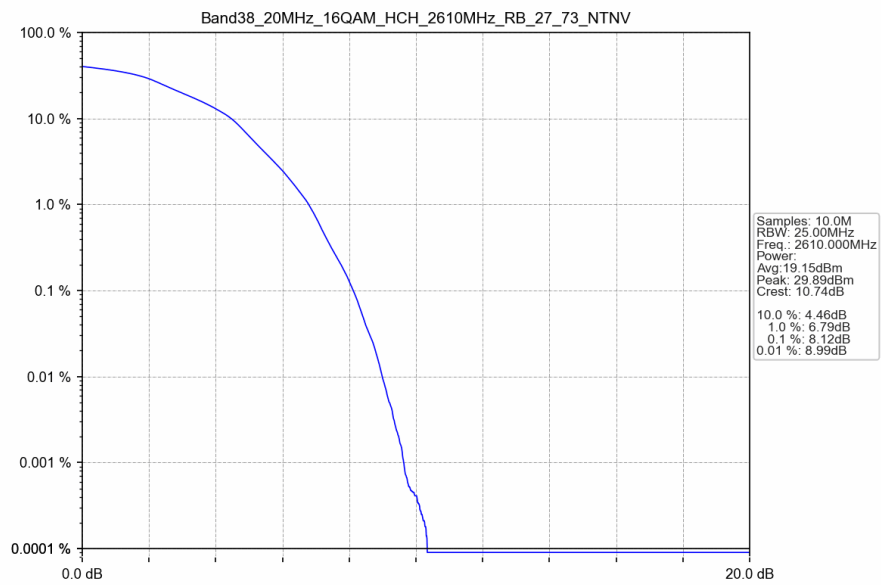
Band38 20MHz 16QAM LCH 2580MHz RB 27 0 NTV



Band38_20MHz_16QAM_MCH_2595MHz_RB_27_0_NTNV



Band38_20MHz_16QAM_HCH_2610MHz_RB_27_73_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B38_5MHz

Band: 38 / Bandwidth: 5MHz / NTV						
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	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

5.1.2 B38_10MHz

Band: 38 / Bandwidth: 10MHz / NTVN						
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

5.1.3 B38_15MHz

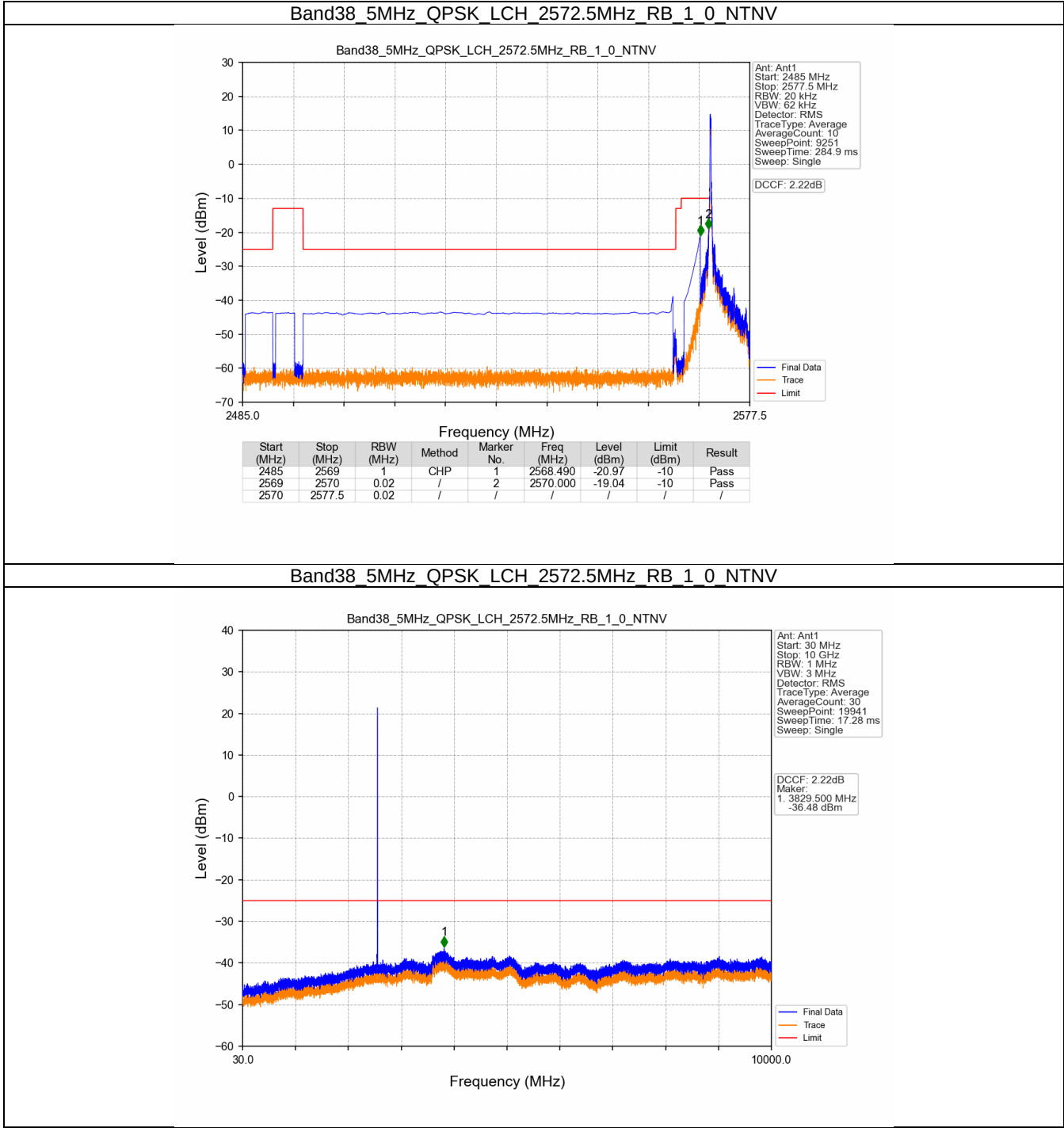
Band: 38 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2577.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2612.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.4 B38_20MHz

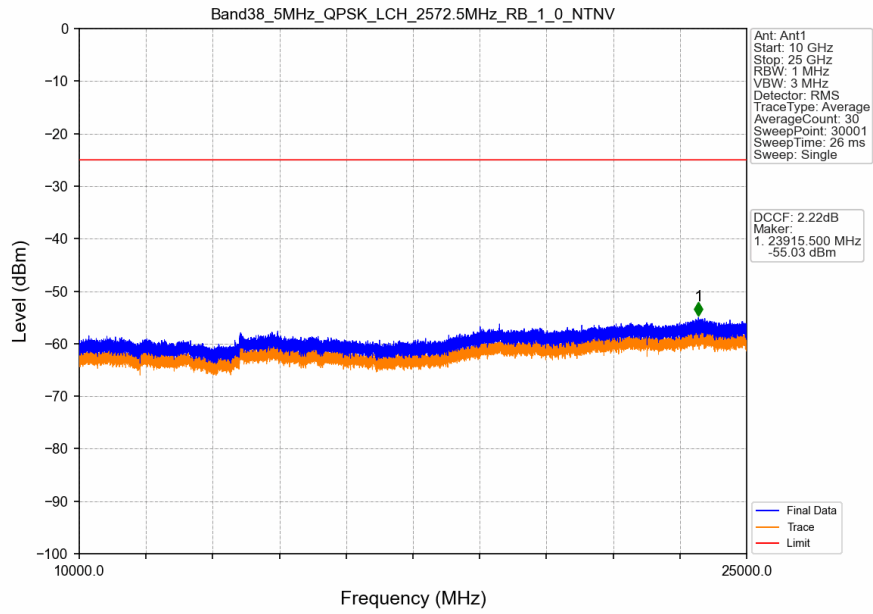
Band: 38 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2580	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2595	1	0	Refer To Test Graph		Pass
	2610	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

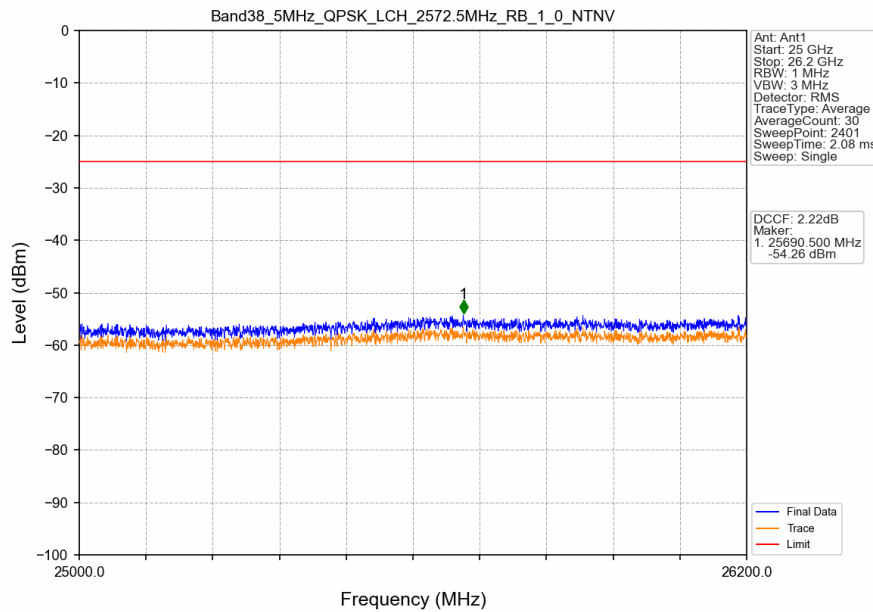
5.2.1 B38_5MHz



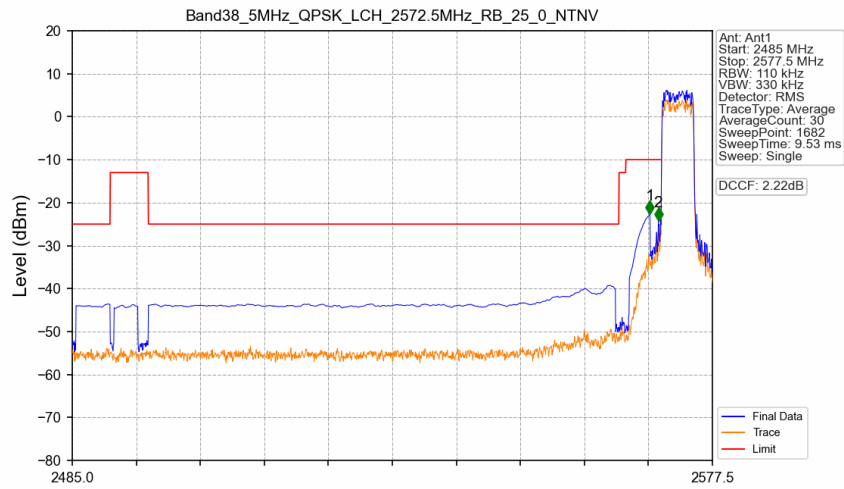
Band38 5MHz QPSK LCH 2572.5MHz RB 1_0 NTN



Band38 5MHz QPSK LCH 2572.5MHz RB 1_0 NTN

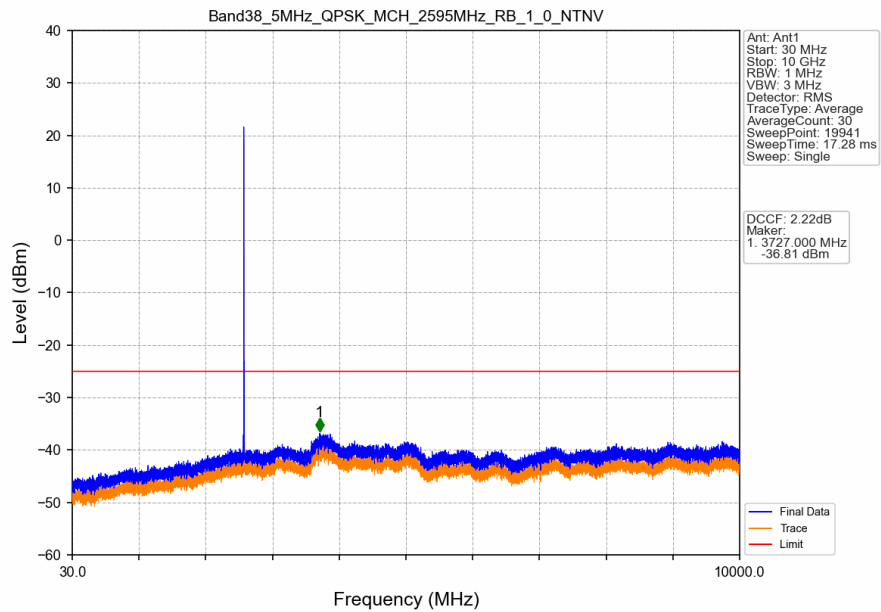


Band38 5MHz QPSK LCH 2572.5MHz RB 25 0 NTNV

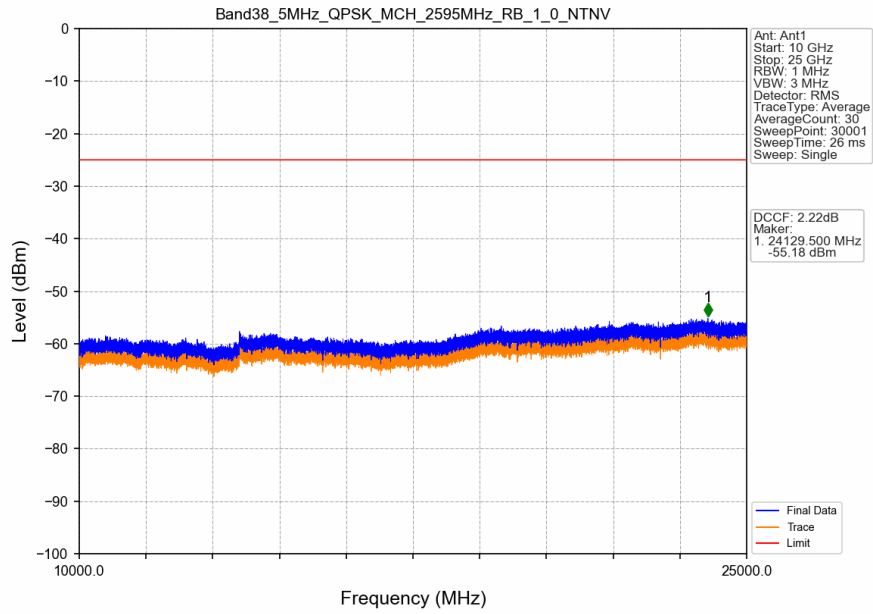


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	CHP	1	2568.476	-22.69	-10	Pass
2569	2570	0.11	/	2	2569.686	-24.30	-10	Pass
2570	2577.5	0.11	/	/	/	/	/	/

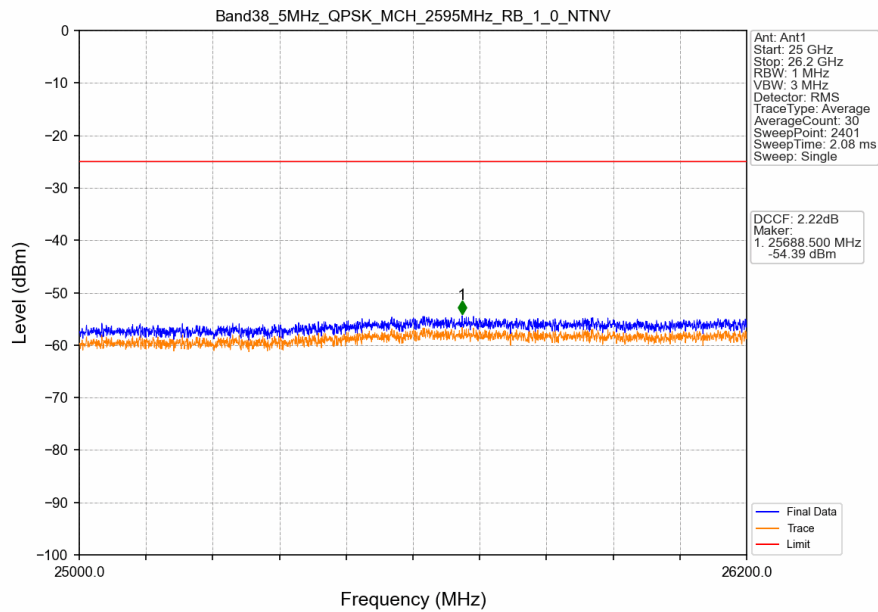
Band38 5MHz QPSK MCH 2595MHz RB 1 0 NTNV



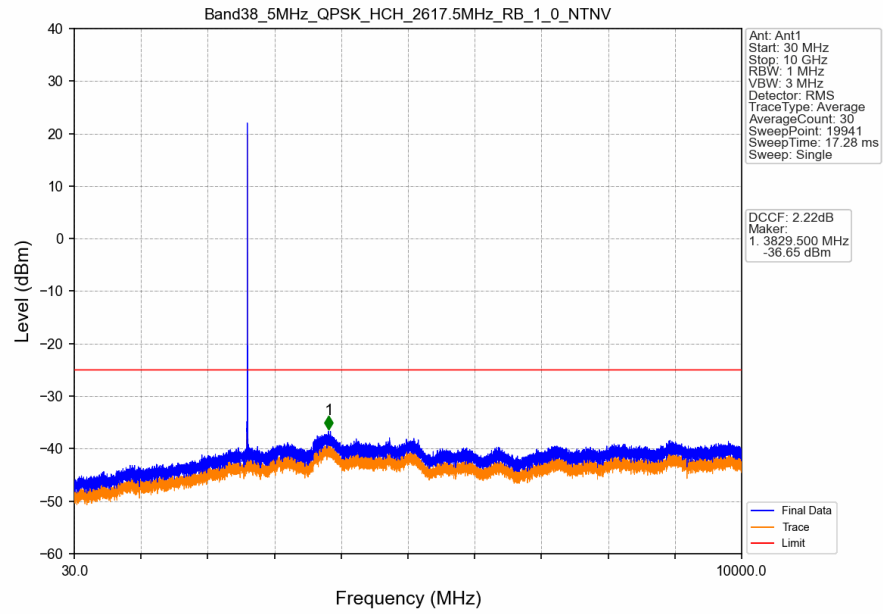
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



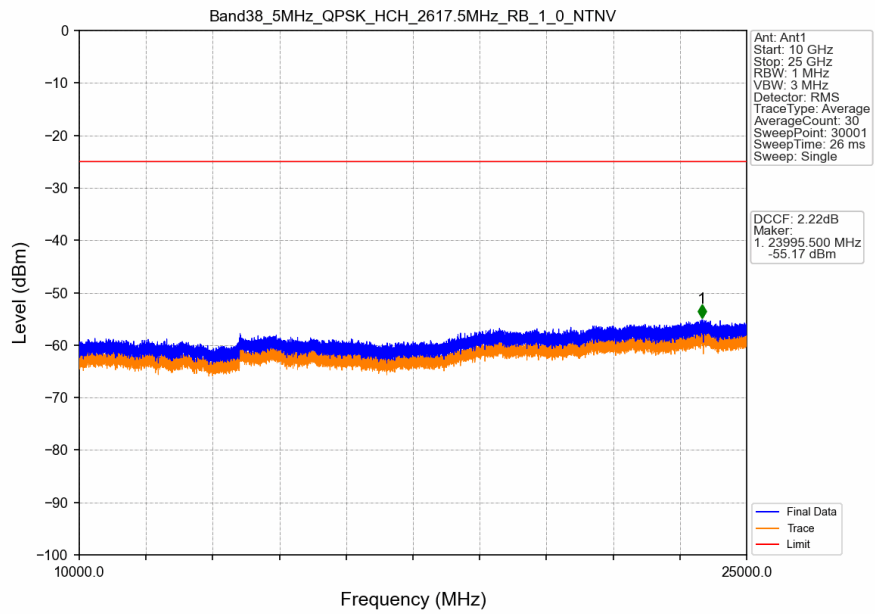
Band38_5MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



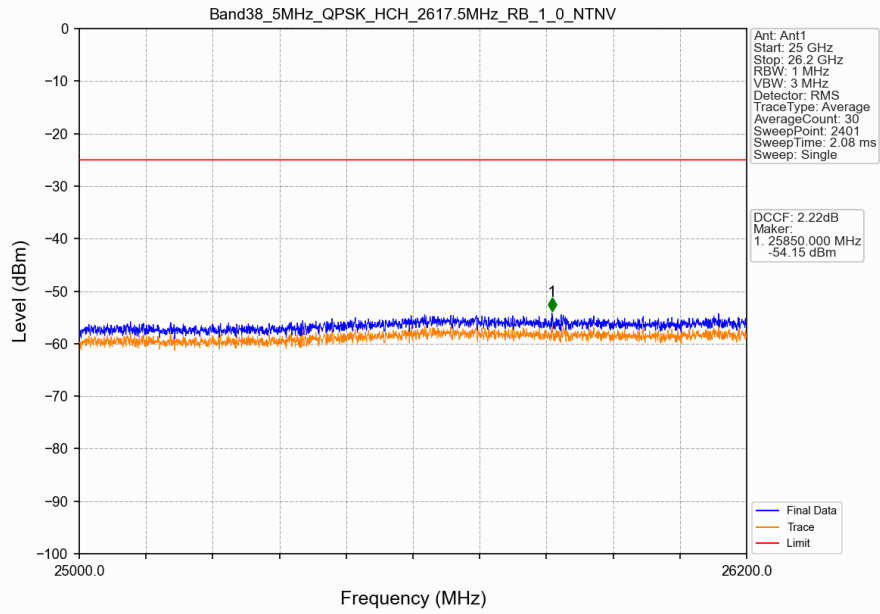
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



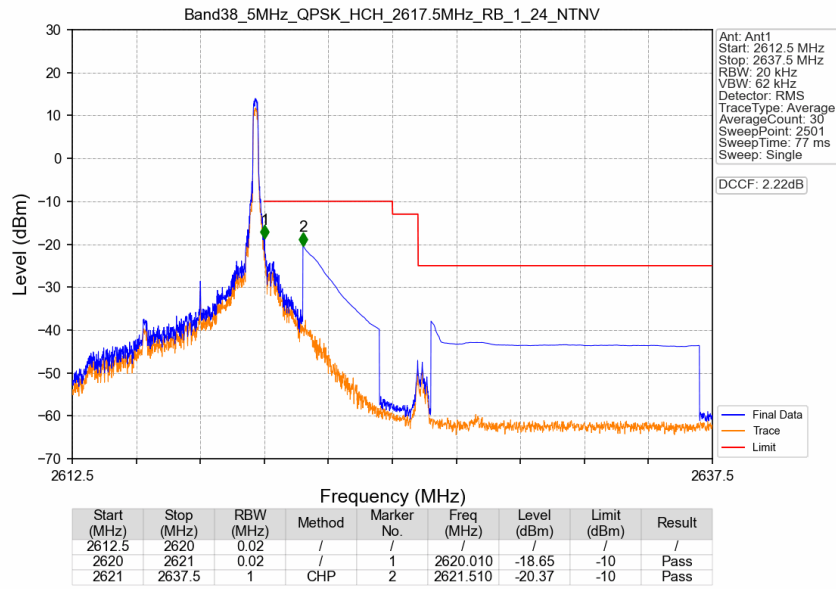
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



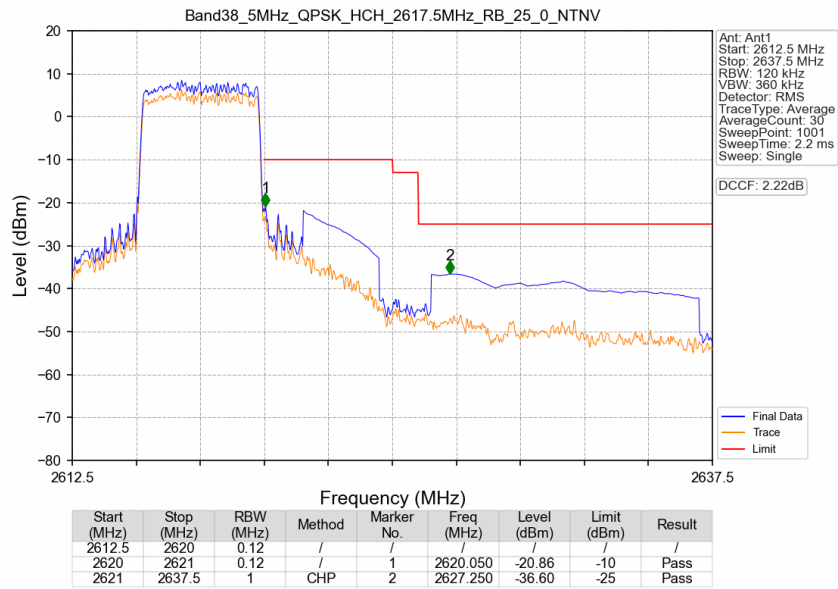
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_0_NTNV



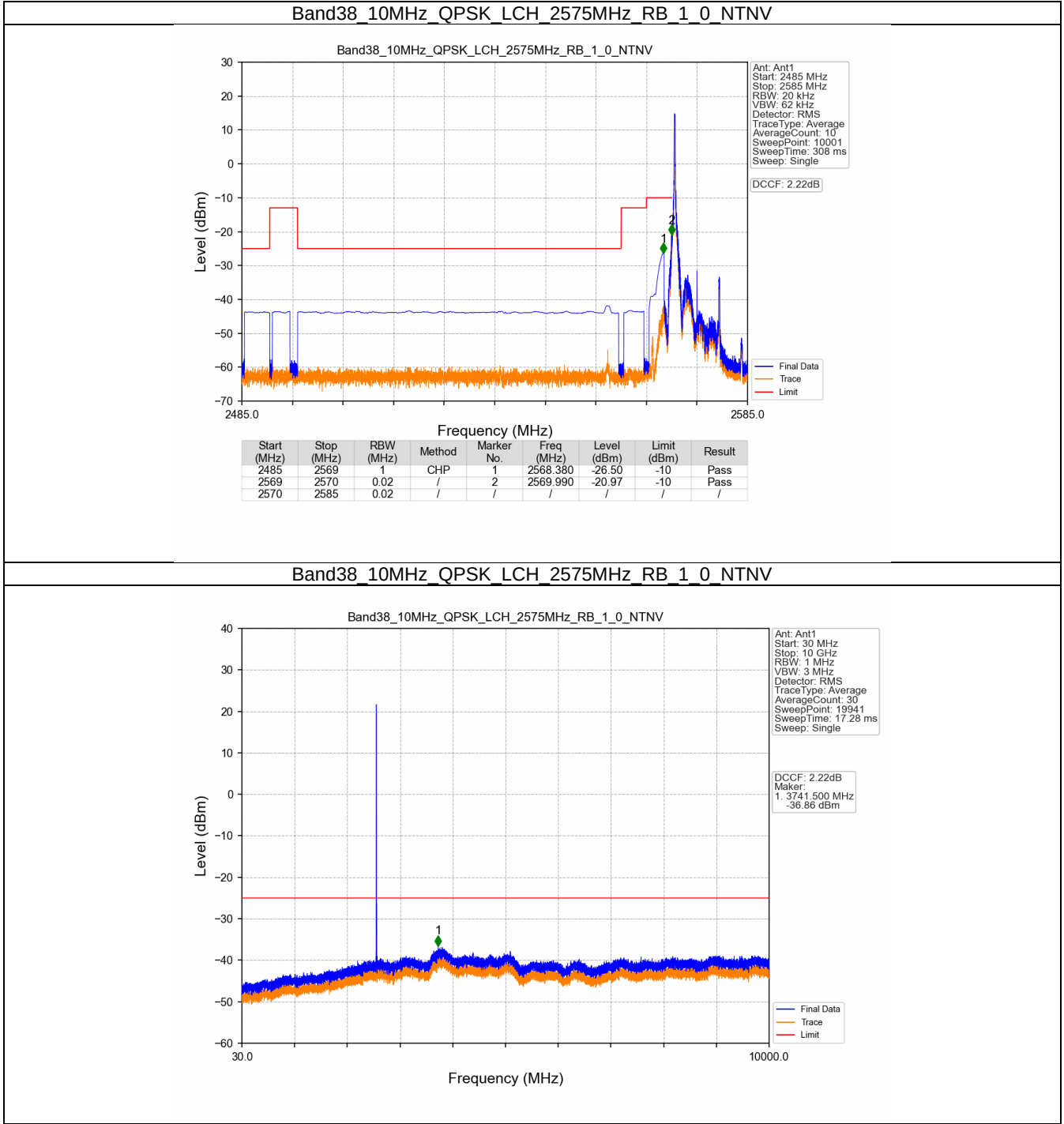
Band38_5MHz_QPSK_HCH_2617.5MHz_RB_1_24_NTNV



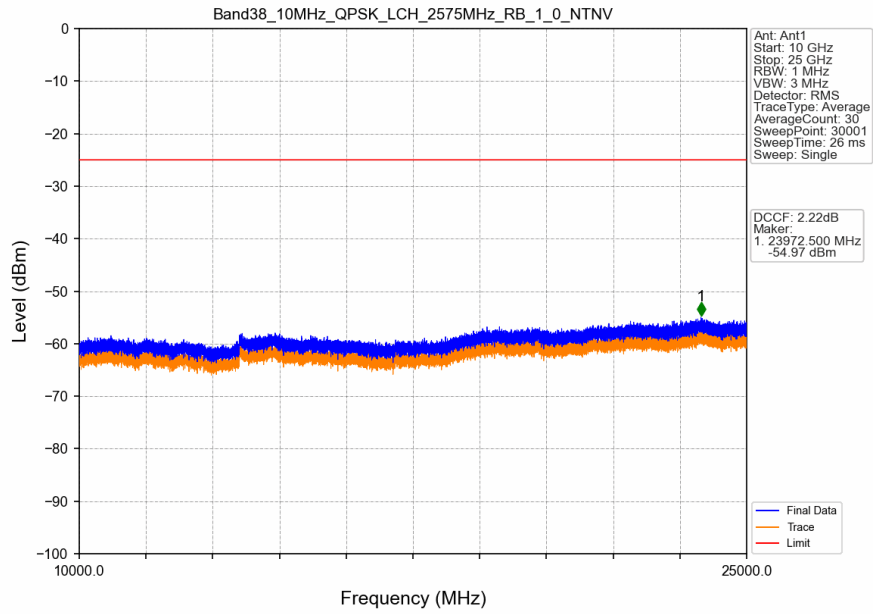
Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTV



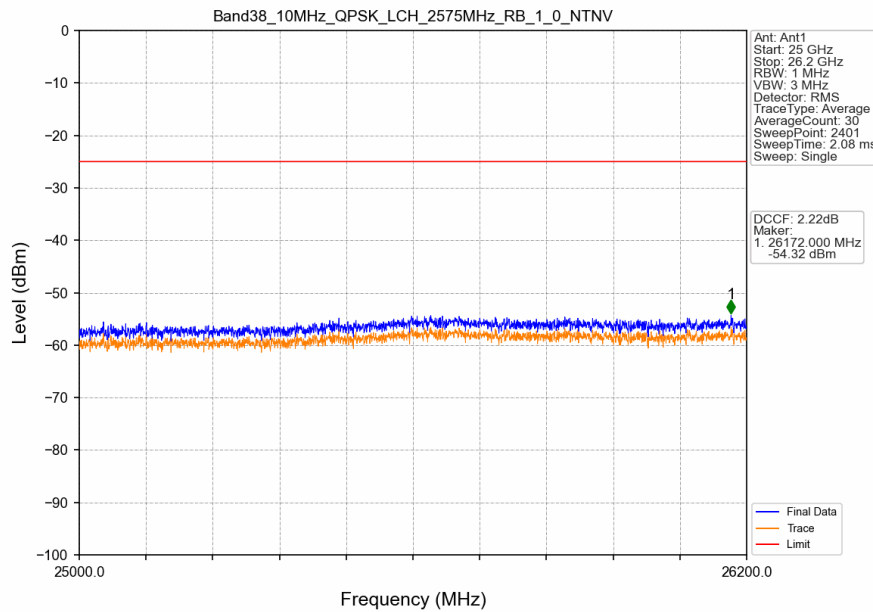
5.2.2 B38_10MHz



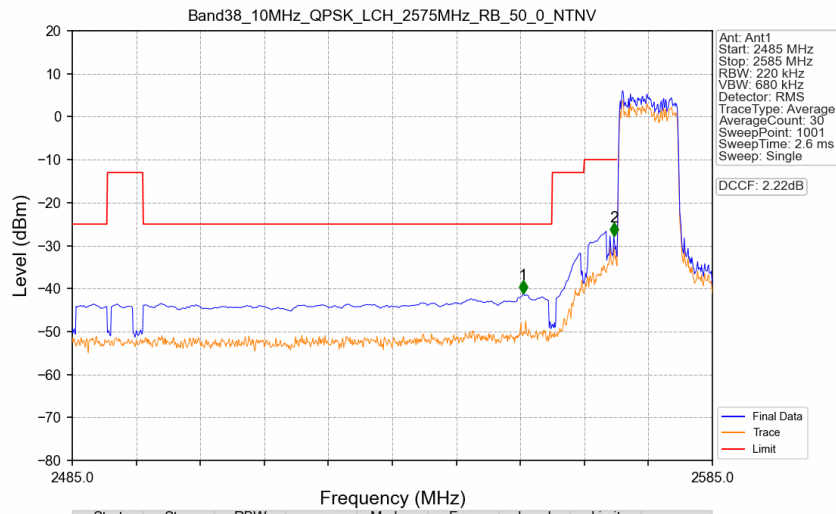
Band38 10MHz QPSK LCH 2575MHz RB 1_0 NTN



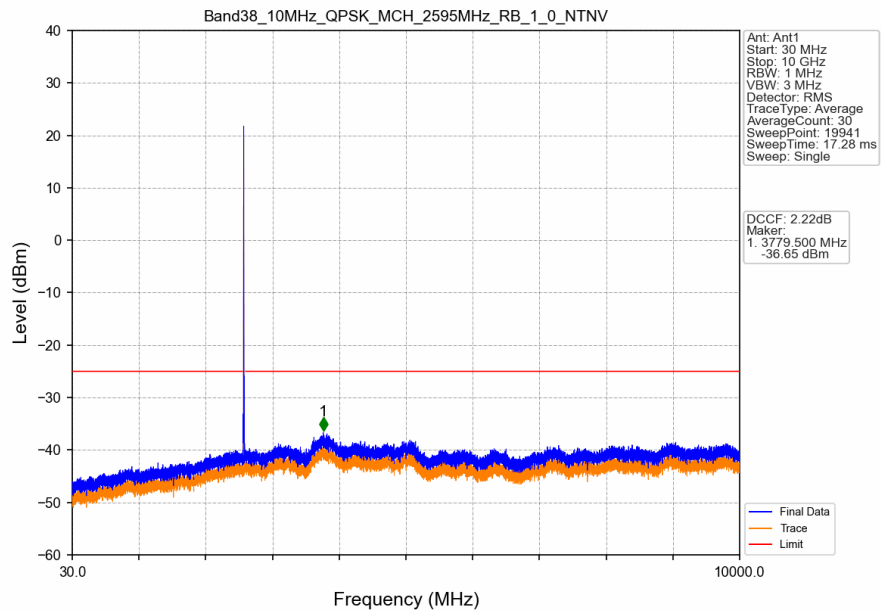
Band38 10MHz QPSK LCH 2575MHz RB 1_0 NTN



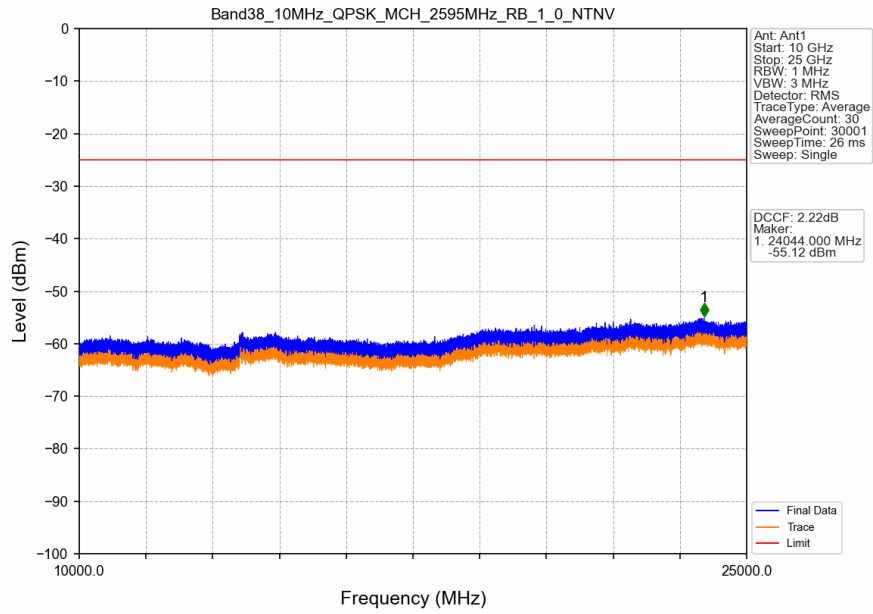
Band38_10MHz_QPSK_LCH_2575MHz_RB_50_0_NTNV



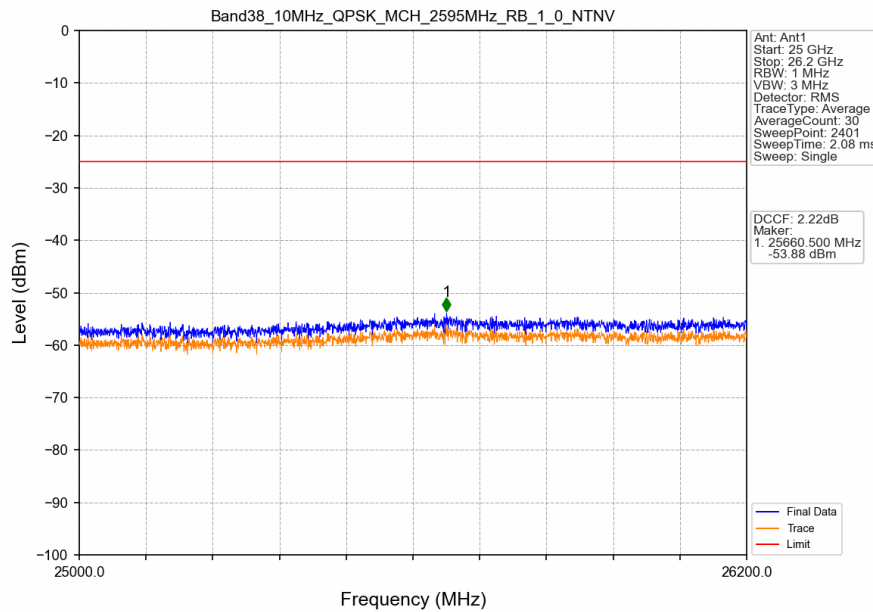
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



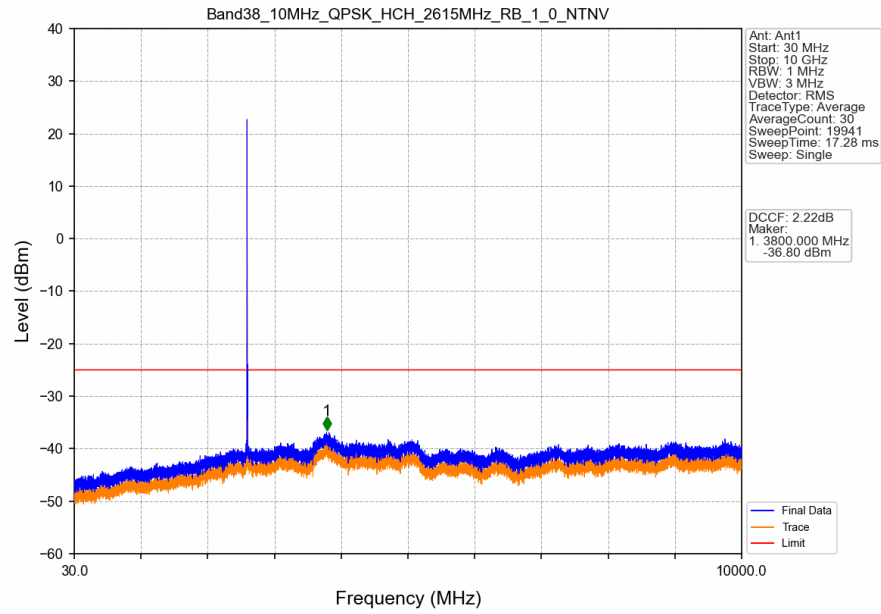
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



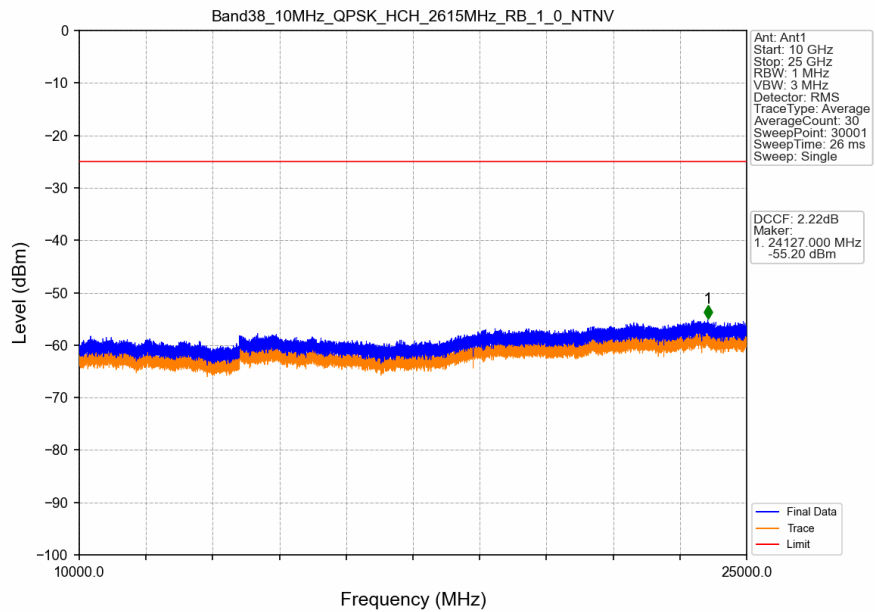
Band38_10MHz_QPSK_MCH_2595MHz_RB_1_0_NTNV



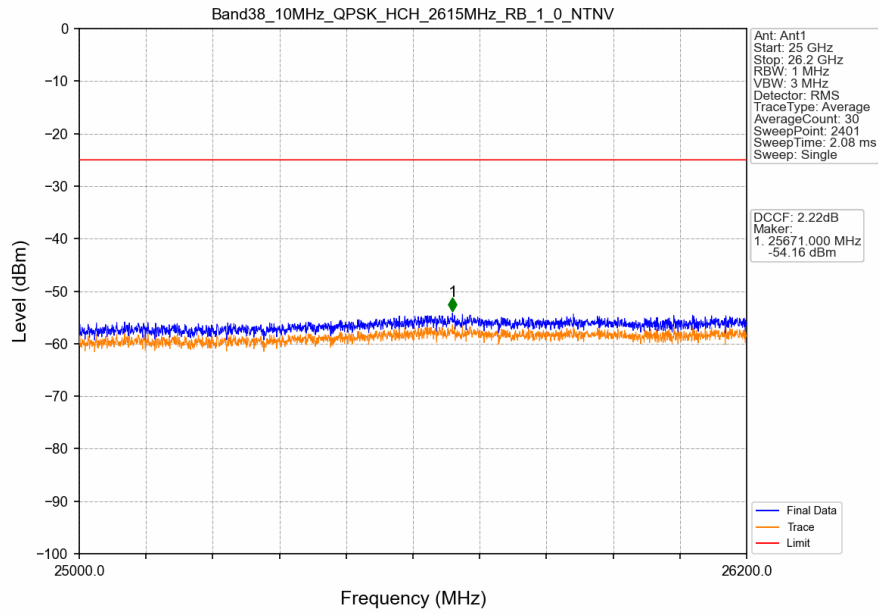
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



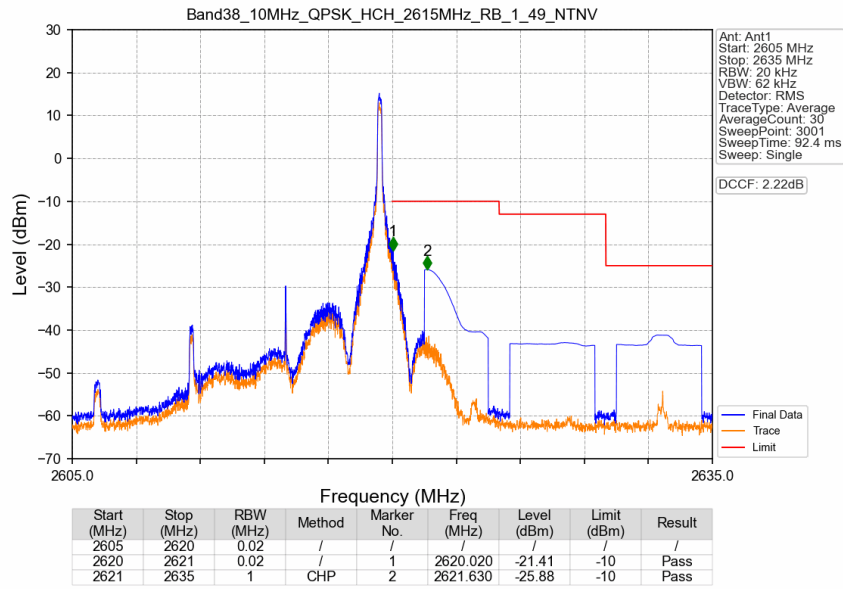
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



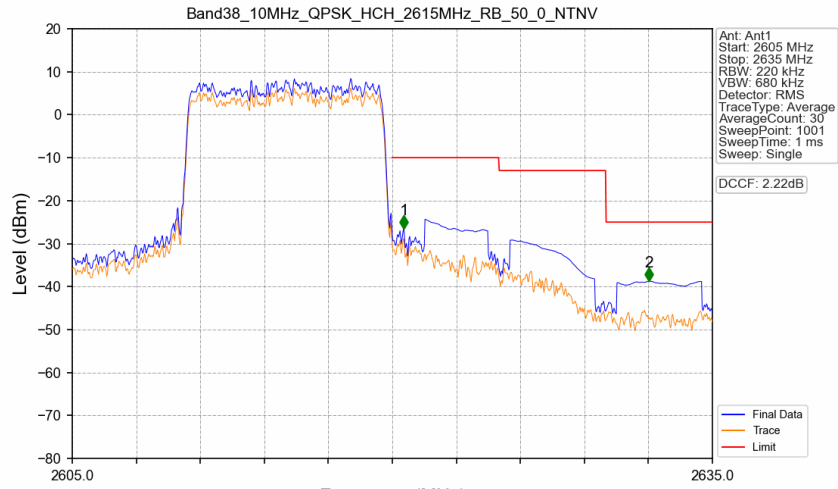
Band38_10MHz_QPSK_HCH_2615MHz_RB_1_0_NTNV



Band38_10MHz_QPSK_HCH_2615MHz_RB_1_49_NTNV

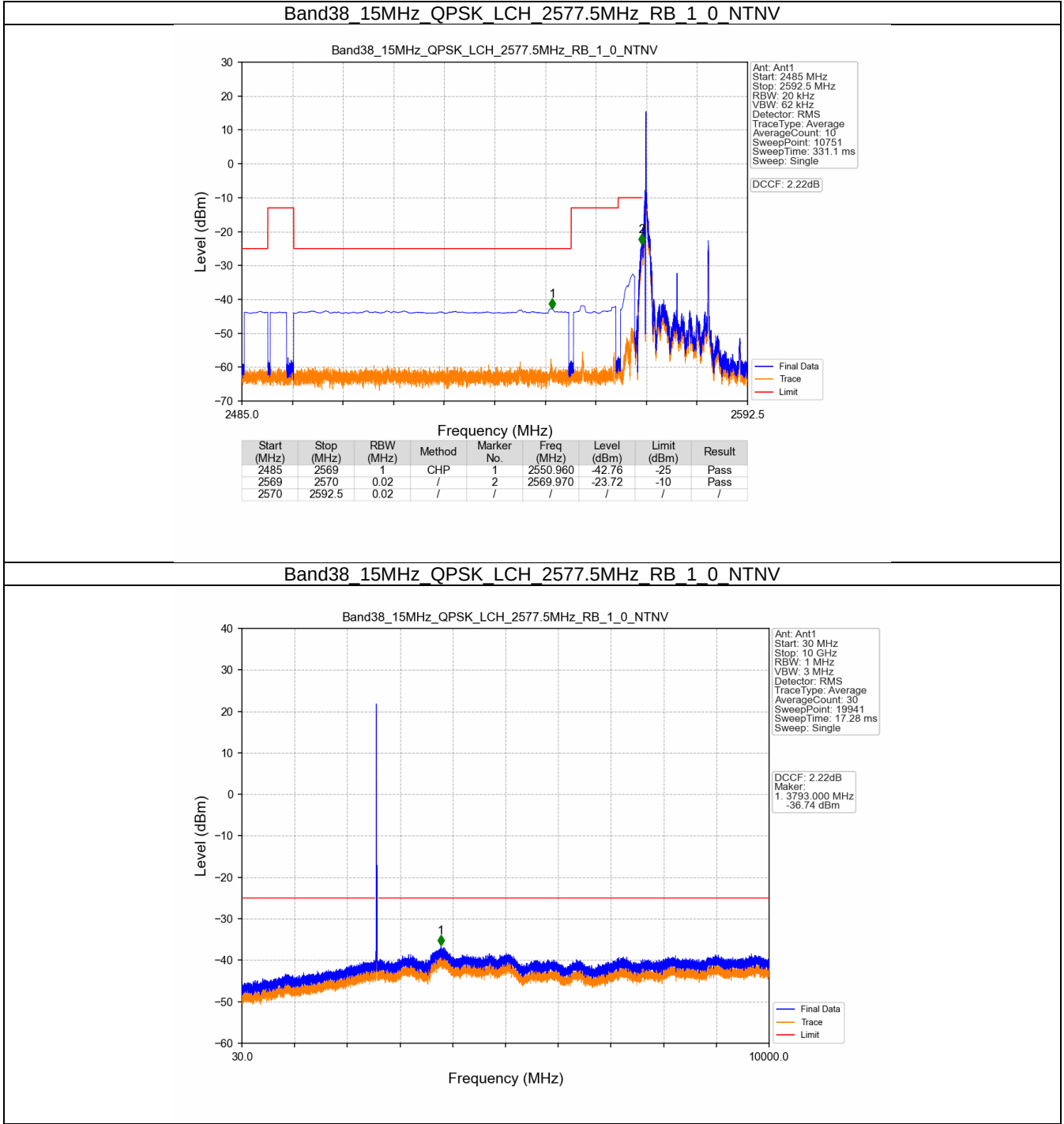


Band38_10MHz_QPSK_HCH_2615MHz_RB_50_0_NTNV

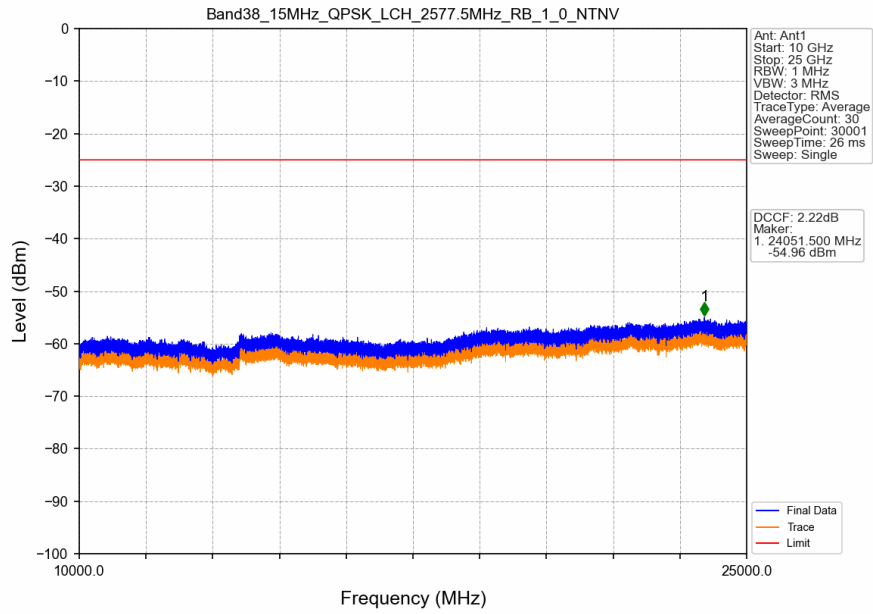


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2605	2620	0.22	/	/	/	/	/	/
2620	2621	0.22	/	1	2620.540	-26.63	-10	Pass
2621	2635	1	CHP	2	2632.030	-38.78	-25	Pass

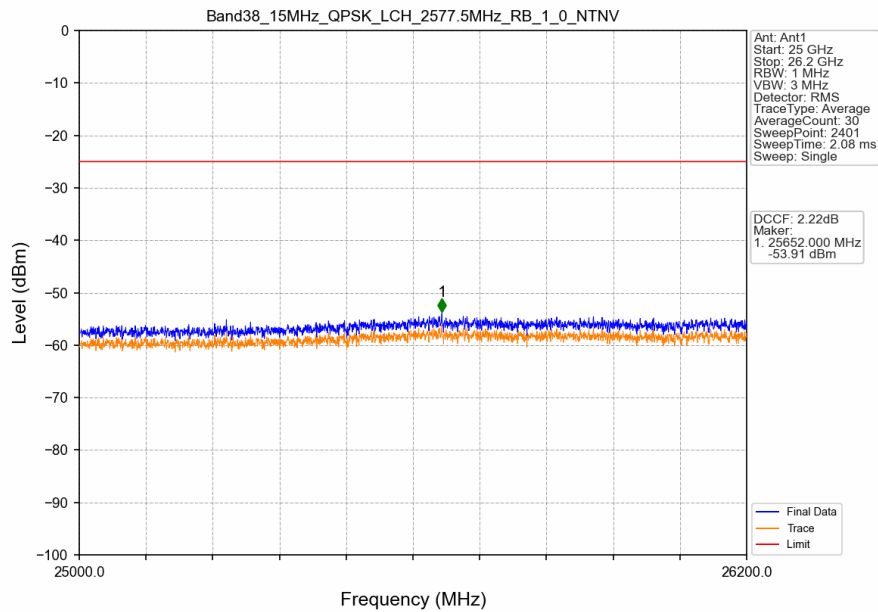
5.2.3 B38_15MHz



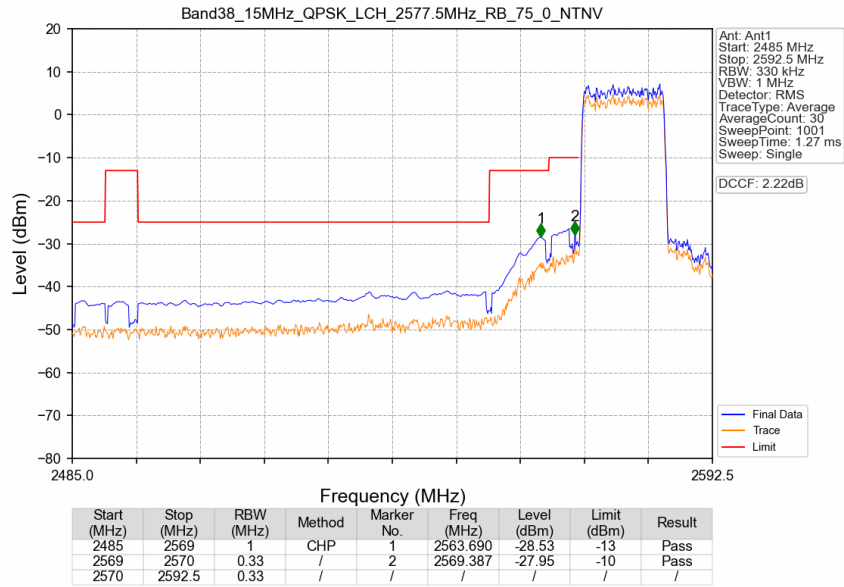
Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38_15MHz_QPSK_LCH_2577.5MHz_RB_1_0_NTNV



Band38 15MHz QPSK LCH 2577.5MHz RB 75 0 NTNV



Band38 15MHz QPSK MCH 2595MHz RB 1 0 NTNV

