1. Effective (Isotropic) Radiated Power Output Data

1.1 B70_5MHz_EIRP

1.1.1 Test Result

Band: 70 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1697.5	1	0	23.87	1.1	24.97	<=30	Pass
			13	23.91	1.1	25.01	<=30	Pass
			24	23.84	1.1	24.94	<=30	Pass
		12	0	22.89	1.1	23.99	<=30	Pass
			6	22.9	1.1	24	<=30	Pass
			13	22.87	1.1	23.97	<=30	Pass
		25	0	22.89	1.1	23.99	<=30	Pass
	1702.5	1	0	23.82	1.1	24.92	<=30	Pass
			13	23.89	1.1	24.99	<=30	Pass
			24	23.78	1.1	24.88	<=30	Pass
		12	0	22.89	1.1	23.99	<=30	Pass
			6	22.85	1.1	23.95	<=30	Pass
			13	22.82	1.1	23.92	<=30	Pass
		25	0	22.83	1.1	23.93	<=30	Pass
	1707.5	1	0	23.79	1.1	24.89	<=30	Pass
			13	23.88	1.1	24.98	<=30	Pass
			24	23.77	1.1	24.87	<=30	Pass
		12	0	22.84	1.1	23.94	<=30	Pass
			6	22.86	1.1	23.96	<=30	Pass
			13	22.83	1.1	23.93	<=30	Pass
		25	0	22.83	1.1	23.93	<=30	Pass
16QAM	1697.5	1	0	22.93	1.1	24.03	<=30	Pass
			13	22.97	1.1	24.07	<=30	Pass
			24	22.97	1.1	24.07	<=30	Pass
		12	0	21.92	1.1	23.02	<=30	Pass
			6	21.97	1.1	23.07	<=30	Pass
			13	21.89	1.1	22.99	<=30	Pass
		25	0	21.94	1.1	23.04	<=30	Pass
	1702.5	1	0	23.01	1.1	24.11	<=30	Pass
			13	23.03	1.1	24.13	<=30	Pass
			24	22.99	1.1	24.09	<=30	Pass
		12	0	21.93	1.1	23.03	<=30	Pass

			6	21.85	1.1	22.95	<=30	Pass
			13	21.83	1.1	22.93	<=30	Pass
		25	0	21.87	1.1	22.97	<=30	Pass
	1707.5	1	0	22.93	1.1	24.03	<=30	Pass
			13	22.86	1.1	23.96	<=30	Pass
			24	22.86	1.1	23.96	<=30	Pass
		12	0	21.83	1.1	22.93	<=30	Pass
			6	21.87	1.1	22.97	<=30	Pass
			13	21.85	1.1	22.95	<=30	Pass
		25	0	21.85	1.1	22.95	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B70_10MHz_EIRP

1.2.1 Test Result

Band: 70 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1700	1	0	23.84	1.1	24.94	<=30	Pass
			25	23.91	1.1	25.01	<=30	Pass
			49	23.81	1.1	24.91	<=30	Pass
		25	0	22.85	1.1	23.95	<=30	Pass
			13	22.85	1.1	23.95	<=30	Pass
			25	22.82	1.1	23.92	<=30	Pass
		50	0	22.96	1.1	24.06	<=30	Pass
	1702.5	1	0	23.88	1.1	24.98	<=30	Pass
			25	23.9	1.1	25	<=30	Pass
			49	23.82	1.1	24.92	<=30	Pass
		25	0	22.92	1.1	24.02	<=30	Pass
			13	22.88	1.1	23.98	<=30	Pass
			25	22.86	1.1	23.96	<=30	Pass
		50	0	22.97	1.1	24.07	<=30	Pass
	1705	1	0	23.91	1.1	25.01	<=30	Pass
			25	23.9	1.1	25	<=30	Pass
			49	23.82	1.1	24.92	<=30	Pass
		25	0	22.95	1.1	24.05	<=30	Pass
			13	22.95	1.1	24.05	<=30	Pass
			25	22.83	1.1	23.93	<=30	Pass
		50	0	23.04	1.1	24.14	<=30	Pass

	1700	1	0	23.01	1.1	24.11	<=30	Pass
			25	23.06	1.1	24.16	<=30	Pass
			49	23.05	1.1	24.15	<=30	Pass
		25	0	21.86	1.1	22.96	<=30	Pass
			13	21.9	1.1	23	<=30	Pass
			25	21.84	1.1	22.94	<=30	Pass
		50	0	22	1.1	23.1	<=30	Pass
	1702.5	1	0	23.06	1.1	24.16	<=30	Pass
			25	23.13	1.1	24.23	<=30	Pass
			49	23	1.1	24.1	<=30	Pass
16QAM		25	0	21.92	1.1	23.02	<=30	Pass
			13	21.93	1.1	23.03	<=30	Pass
			25	21.87	1.1	22.97	<=30	Pass
		50	0	21.97	1.1	23.07	<=30	Pass
	1705	1	0	23.13	1.1	24.23	<=30	Pass
			25	23.11	1.1	24.21	<=30	Pass
			49	22.99	1.1	24.09	<=30	Pass
		25	0	21.95	1.1	23.05	<=30	Pass
			13	21.97	1.1	23.07	<=30	Pass
			25	21.85	1.1	22.95	<=30	Pass
		50	0	22.03	1.1	23.13	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B70_15MHz_EIRP

1.3.1 Test Result

Band: 70 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1702.5	1	0	23.89	1.1	24.99	<=30	Pass
			38	23.96	1.1	25.06	<=30	Pass
			74	23.82	1.1	24.92	<=30	Pass
		36	0	22.92	1.1	24.02	<=30	Pass
			18	22.93	1.1	24.03	<=30	Pass
			39	22.88	1.1	23.98	<=30	Pass
		75	0	22.97	1.1	24.07	<=30	Pass
16QAM	1702.5	1	0	23.12	1.1	24.22	<=30	Pass
			38	23.12	1.1	24.22	<=30	Pass
			74	23.01	1.1	24.11	<=30	Pass

		36	0	21.95	1.1	23.05	<=30	Pass
			18	21.91	1.1	23.01	<=30	Pass
			39	21.89	1.1	22.99	<=30	Pass
		75	0	21.99	1.1	23.09	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2.2 B70_10MHz

2.2.1 Test Result

Band: 70 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1700	50	0	20	3.27	1.529	0.0009	-2.5 to 2.5	Pass
					3.85	1.202	0.0007	-2.5 to 2.5	Pass
					4.43	1.388	0.0008	-2.5 to 2.5	Pass
				-30	3.85	0.659	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.102	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.608	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.310	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.788	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.365	0.0002	-2.5 to 2.5	Pass
				40	3.85	0.951	0.0006	-2.5 to 2.5	Pass
				50	3.85	1.068	0.0006	-2.5 to 2.5	Pass
	1702.5	50	0	20	3.27	-0.624	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.474	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.048	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.685	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.876	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.680	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.207	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.061	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.618	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.777	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.856	-0.0005	-2.5 to 2.5	Pass
	1705	50	0	20	3.27	-2.357	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.212	-0.0007	-2.5 to 2.5	Pass
					4.43	-1.829	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-2.509	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.959	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-1.941	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.100	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-2.620	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-2.541	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.808	-0.0016	-2.5 to 2.5	Pass
				50	3.85	-1.450	-0.0009	-2.5 to 2.5	Pass
16QAM	1700	50	0	20	3.27	0.633	0.0004	-2.5 to 2.5	Pass
					3.85	1.854	0.0011	-2.5 to 2.5	Pass
					4.43	1.116	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.486	0.0009	-2.5 to 2.5	Pass
				-20	3.85	1.915	0.0011	-2.5 to 2.5	Pass
				-10	3.85	0.220	0.0001	-2.5 to 2.5	Pass

				0	3.85	1.508	0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.609	-0.0004	-2.5 to 2.5	Pass
				30	3.85	1.110	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.187	0.0007	-2.5 to 2.5	Pass
				50	3.85	0.945	0.0006	-2.5 to 2.5	Pass
	1702.5	50	0	20	3.27	-0.843	-0.0005	-2.5 to 2.5	Pass
					3.85	-0.799	-0.0005	-2.5 to 2.5	Pass
					4.43	0.488	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.582	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.935	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.060	0.0000	-2.5 to 2.5	Pass
				0	3.85	0.309	0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.045	-0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.825	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.273	-0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.098	-0.0001	-2.5 to 2.5	Pass
	1705	50	0	20	3.27	-2.720	-0.0016	-2.5 to 2.5	Pass
					3.85	-2.922	-0.0017	-2.5 to 2.5	Pass
					4.43	-3.016	-0.0018	-2.5 to 2.5	Pass
				-30	3.85	-2.075	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.521	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-2.075	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-2.725	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-1.647	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.208	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-2.044	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass

2.3 B70_15MHz

2.3.1 Test Result

Band: 70 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1702.5	75	0	20	3.27	-0.277	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.582	-0.0003	-2.5 to 2.5	Pass
					4.43	-1.481	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-2.986	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.164	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.741	-0.0004	-2.5 to 2.5	Pass
				0	3.85	-0.050	0.0000	-2.5 to 2.5	Pass
				10	3.85	-1.312	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.763	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-0.863	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.826	-0.0005	-2.5 to 2.5	Pass
16QAM	1702.5	75	0	20	3.27	-0.717	-0.0004	-2.5 to 2.5	Pass
					3.85	-0.620	-0.0004	-2.5 to 2.5	Pass
					4.43	-1.210	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-1.652	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.733	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-1.541	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.404	-0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.280	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.636	-0.0004	-2.5 to 2.5	Pass

				40	3.85	-0.093	-0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.179	-0.0007	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

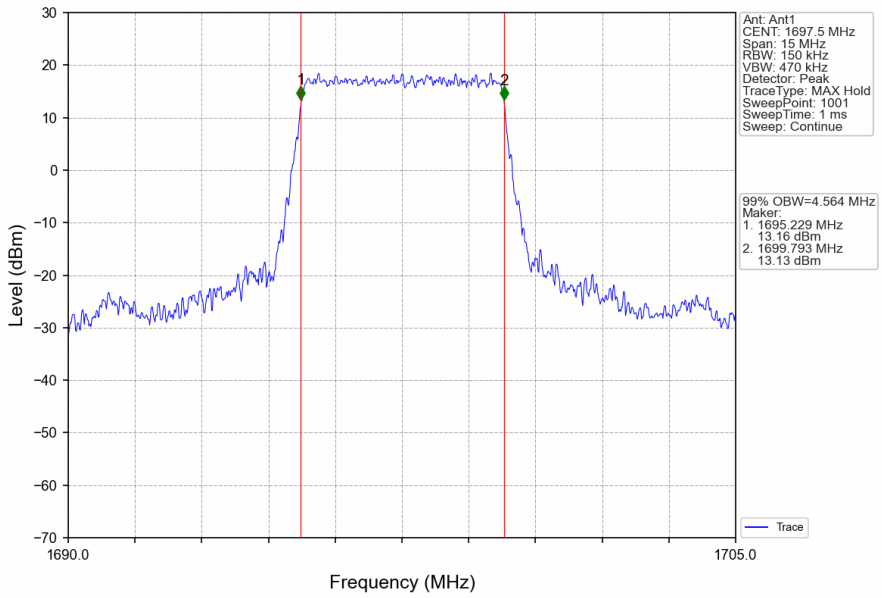
3.1 Band70_OBW

3.1.1 Test Result

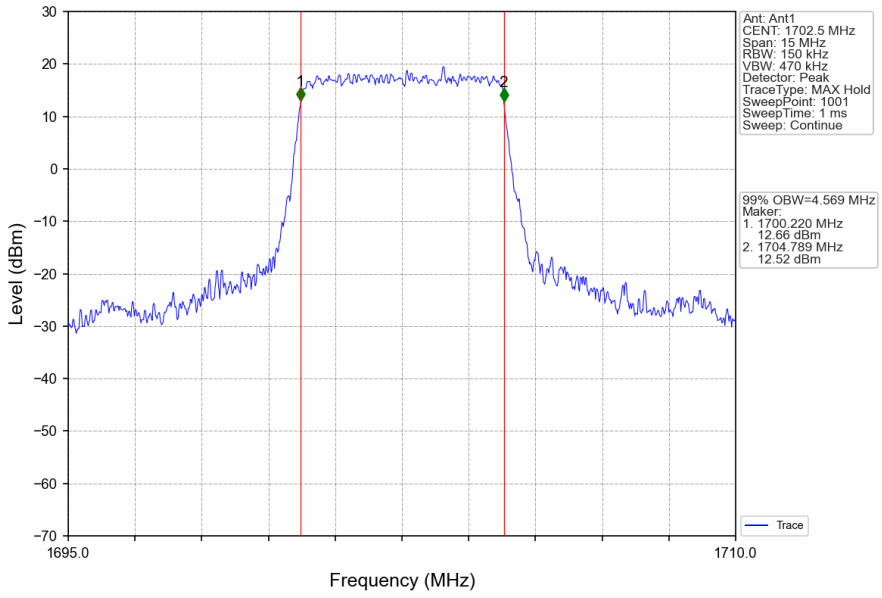
Band: 70 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	1697.5	25	0	4.564	/	Pass
		1702.5	25	0	4.569	/	Pass
		1707.5	25	0	4.587	/	Pass
	16QAM	1697.5	25	0	4.568	/	Pass
		1702.5	25	0	4.561	/	Pass
		1707.5	25	0	4.572	/	Pass
10	QPSK	1700	50	0	9.081	/	Pass
		1702.5	50	0	9.090	/	Pass
		1705	50	0	9.085	/	Pass
	16QAM	1700	50	0	9.084	/	Pass
		1702.5	50	0	9.093	/	Pass
		1705	50	0	9.088	/	Pass
15	QPSK	1702.5	75	0	13.662	/	Pass
	16QAM	1702.5	75	0	13.646	/	Pass

3.1.2 Test Graph

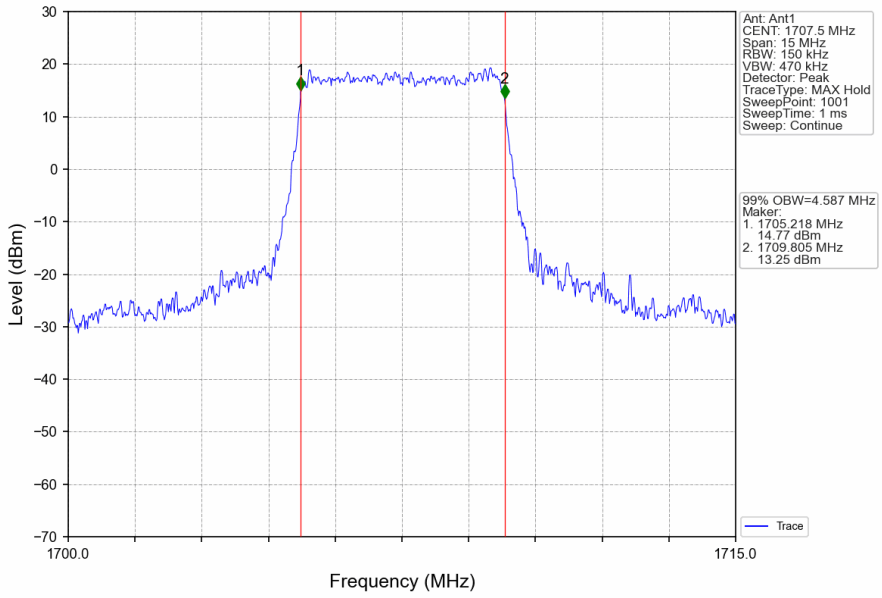
Band70_5MHz_QPSK_LCH_1697.5MHz_RB_25_0_NTNV



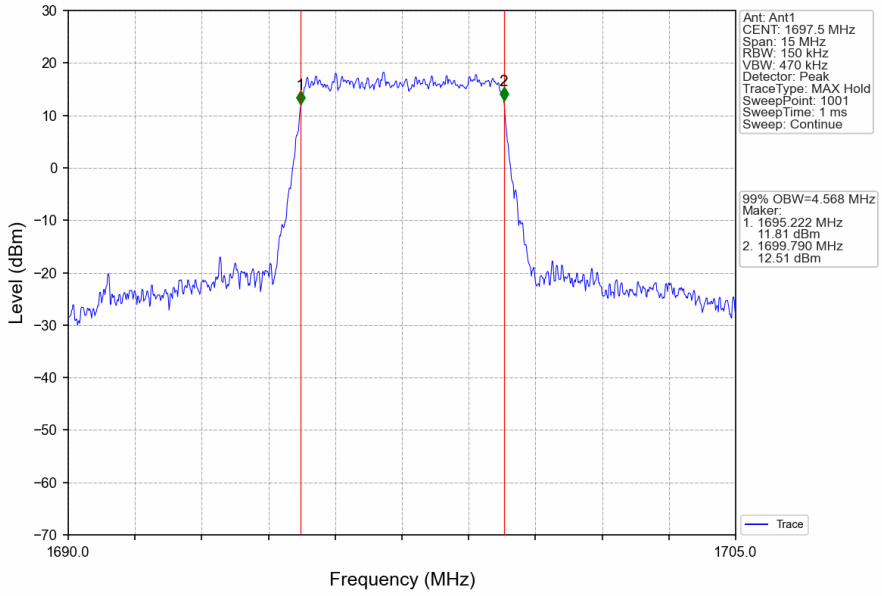
Band70_5MHz_QPSK_MCH_1702.5MHz_RB_25_0_NTNV



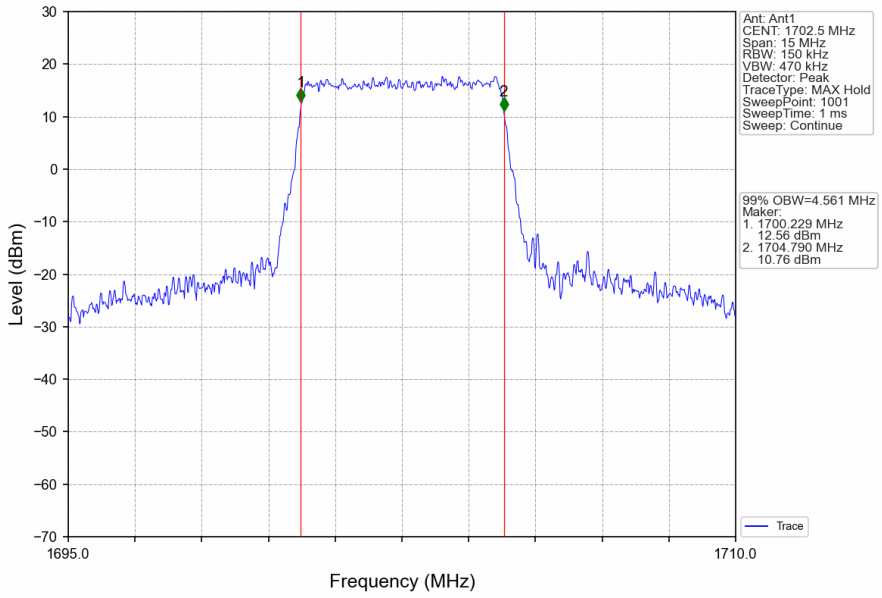
Band70_5MHz_QPSK_HCH_1707.5MHz_RB_25_0_NTNV



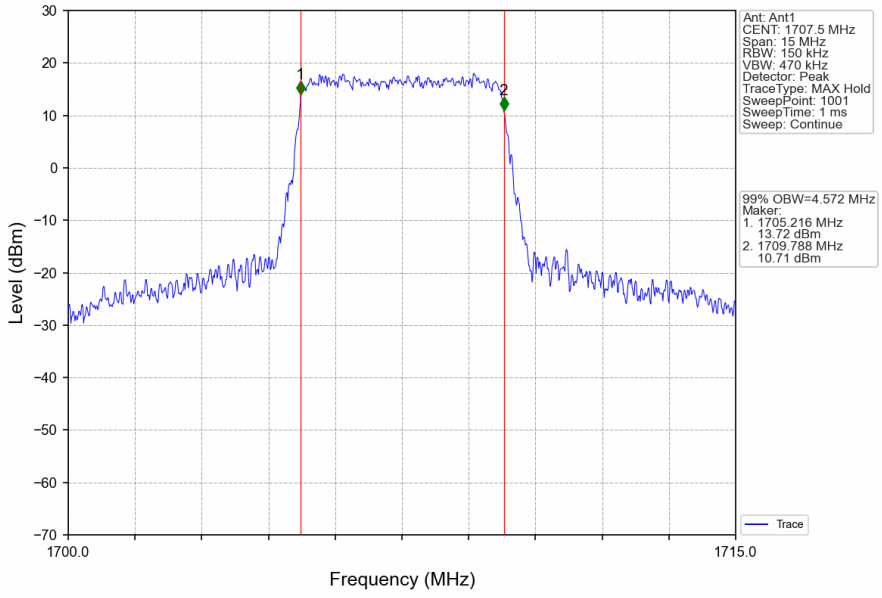
Band70_5MHz_16QAM_LCH_1697.5MHz_RB_25_0_NTNV



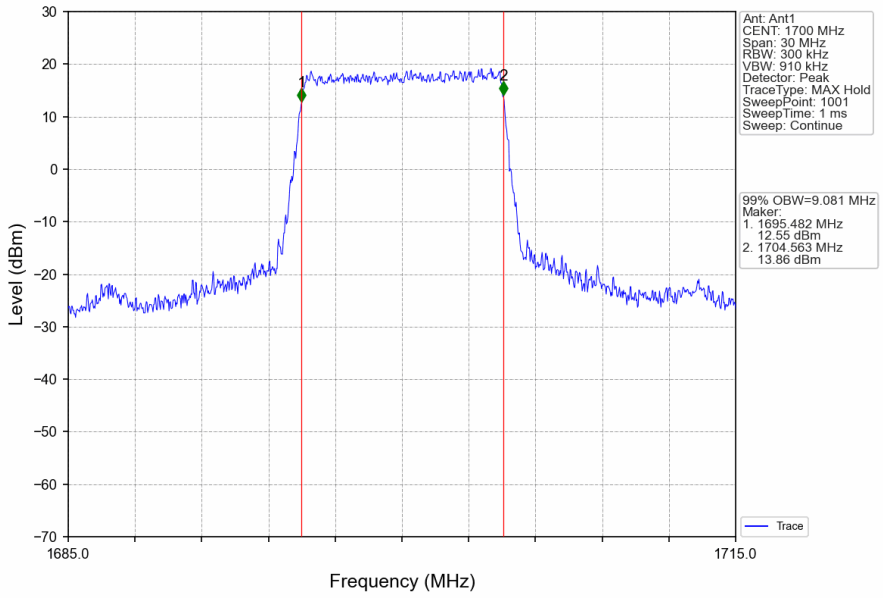
Band70_5MHz_16QAM_MCH_1702.5MHz_RB_25_0_NTNV



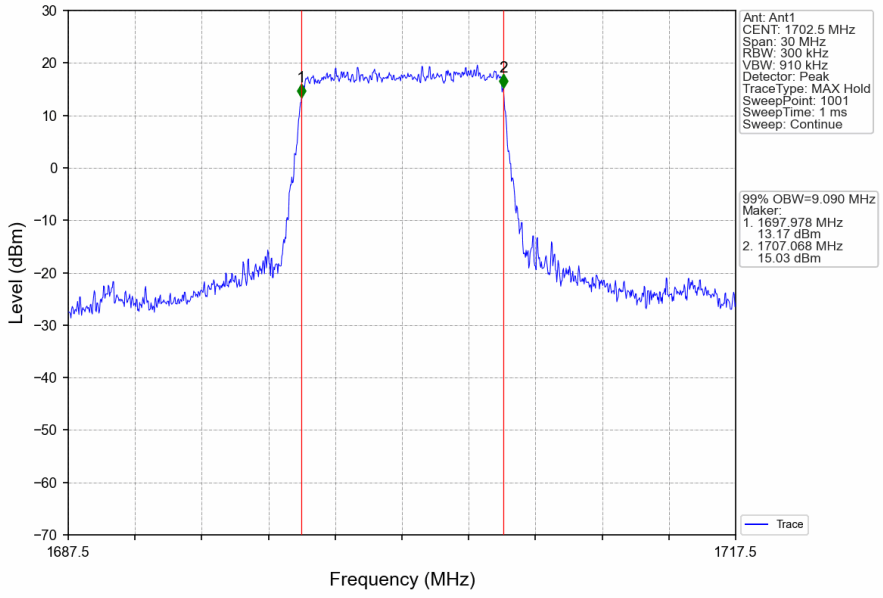
Band70_5MHz_16QAM_HCH_1707.5MHz_RB_25_0_NTNV



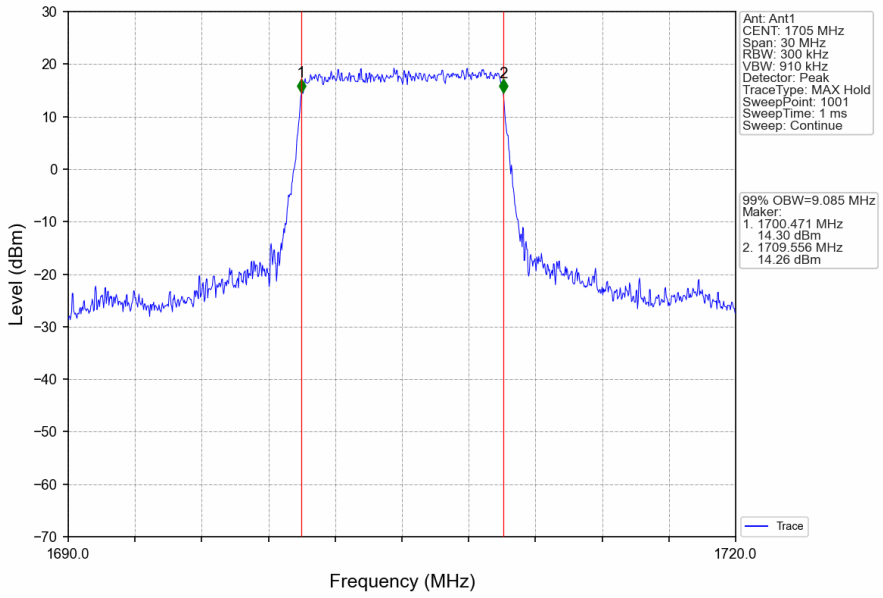
Band70_10MHz_QPSK_LCH_1700MHz_RB_50_0_NTNV



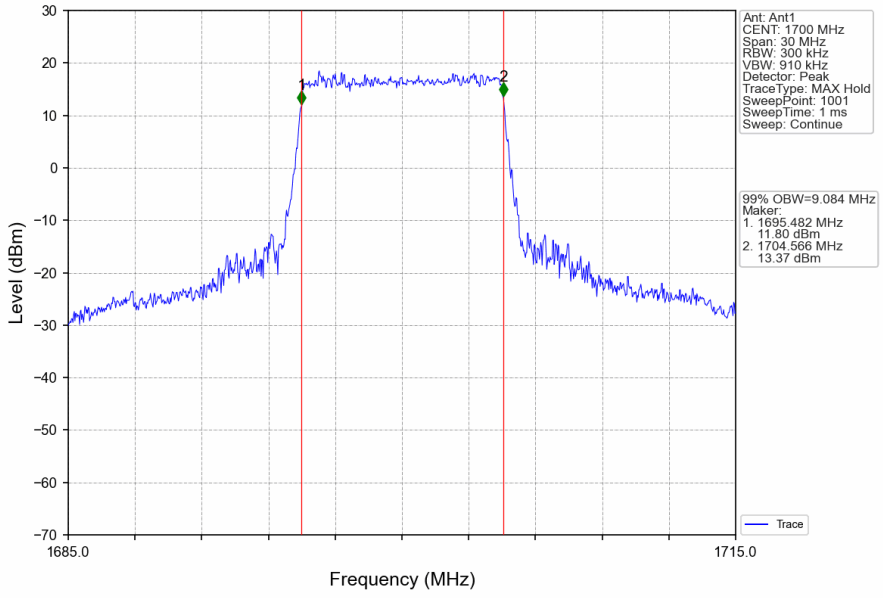
Band70_10MHz_QPSK_MCH_1702.5MHz_RB_50_0_NTNV



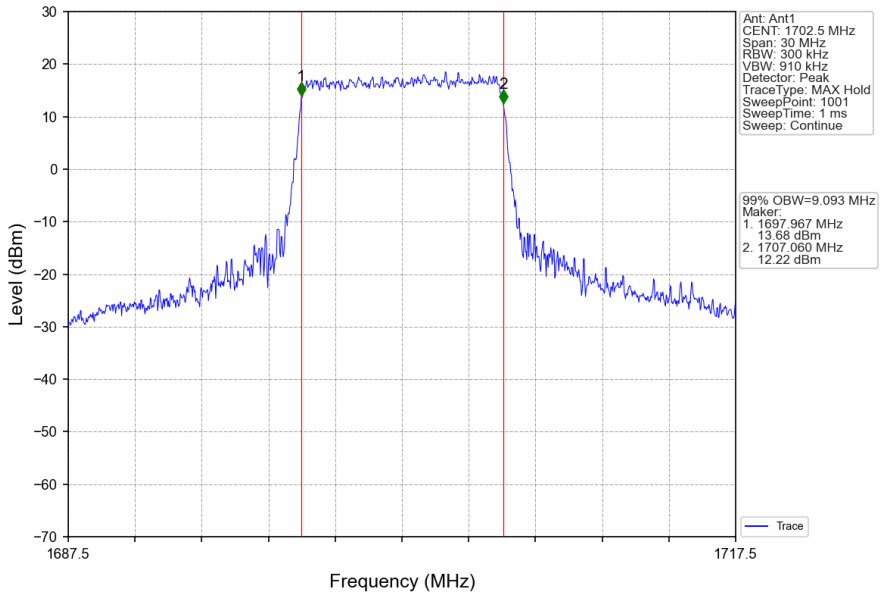
Band70_10MHz_QPSK_HCH_1705MHz_RB_50_0_NTNV



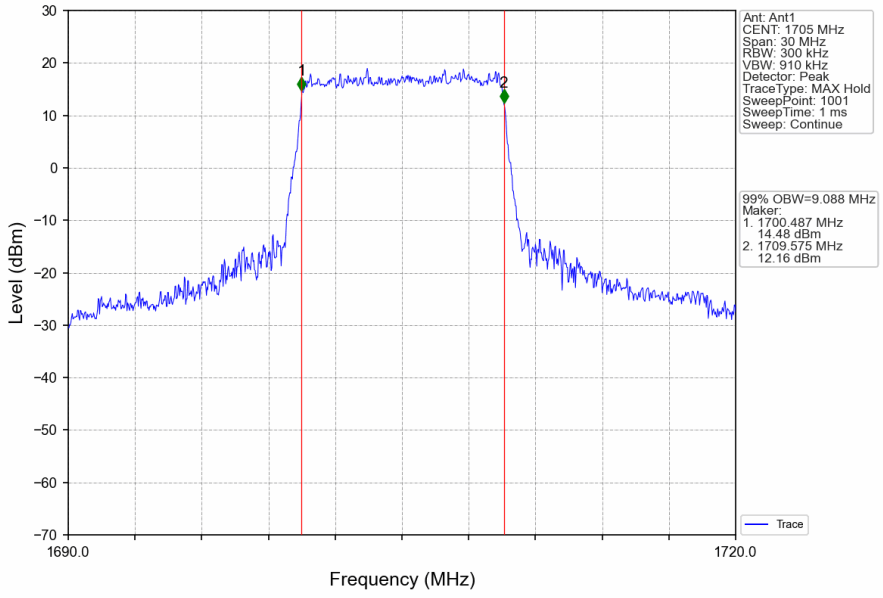
Band70_10MHz_16QAM_LCH_1700MHz_RB_50_0_NTNV



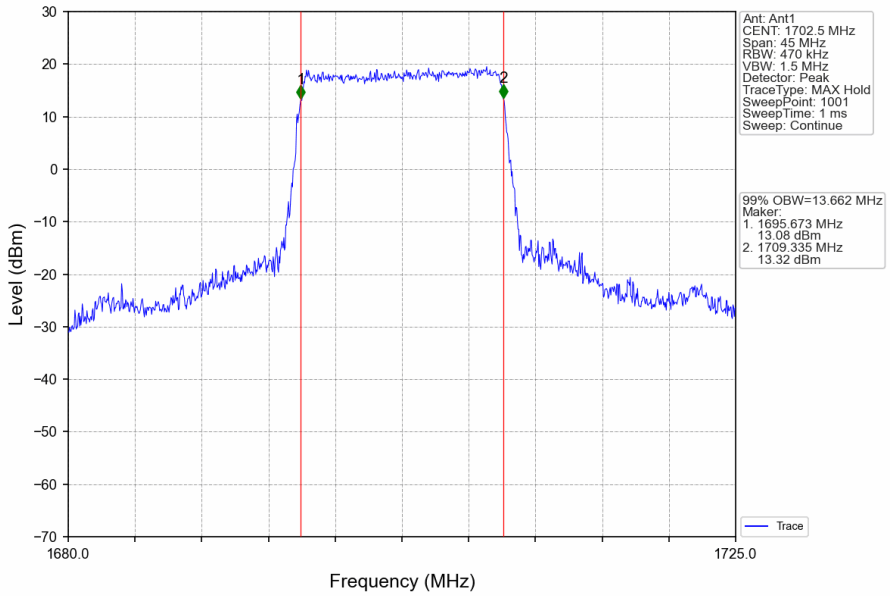
Band70_10MHz_16QAM_MCH_1702.5MHz_RB_50_0_NTNV



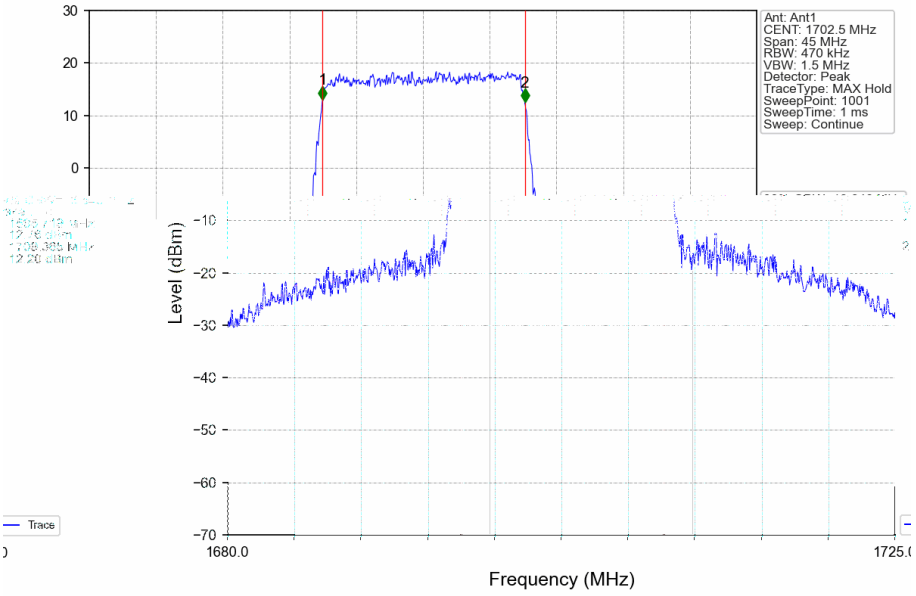
Band70_10MHz_16QAM_HCH_1705MHz_RB_50_0_NTNV



Band70_15MHz_QPSK_MCH_1702.5MHz_RB_75_0_NTNV



Band70_15MHz_16QAM_MCH_1702.5MHz_RB_75_0_NTNV



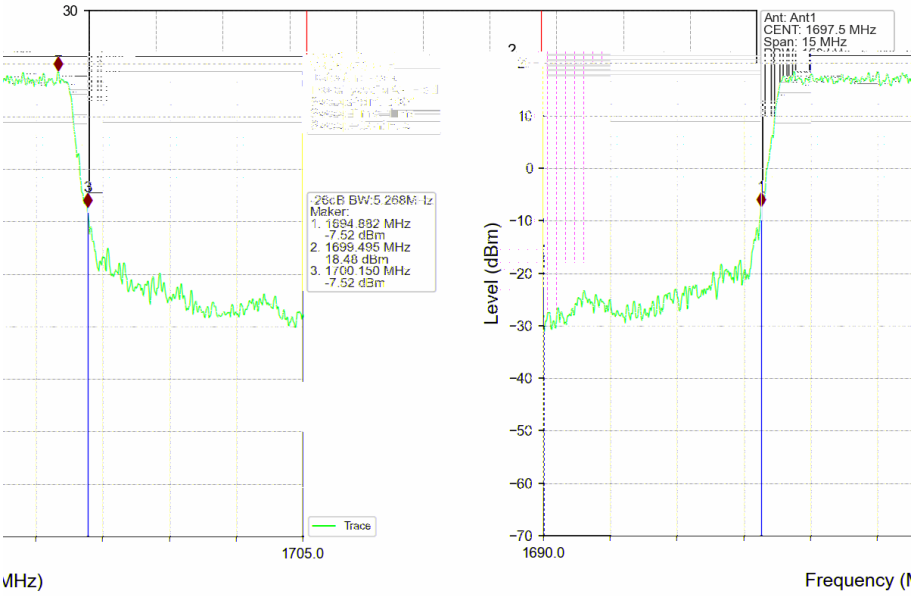
3.2 Band70_XDB

3.2.1 Test Result

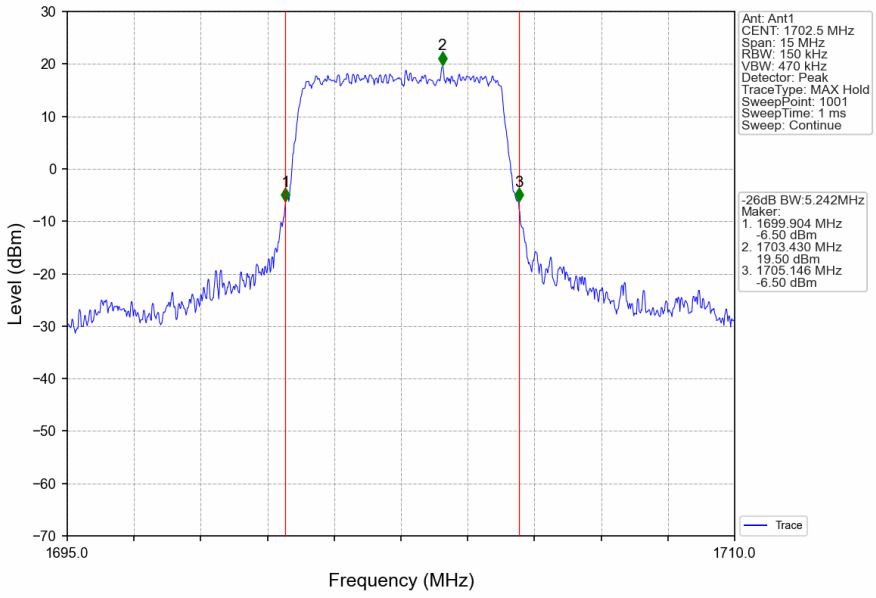
Band: 70 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	1697.5	25	0	5.268	/	Pass
		1702.5	25	0	5.242	/	Pass
		1707.5	25	0	5.174	/	Pass
	16QAM	1697.5	25	0	5.187	/	Pass
		1702.5	25	0	5.285	/	Pass
		1707.5	25	0	5.273	/	Pass
10	QPSK	1700	50	0	10.232	/	Pass
		1702.5	50	0	10.167	/	Pass
		1705	50	0	10.206	/	Pass
	16QAM	1700	50	0	10.242	/	Pass
		1702.5	50	0	10.181	/	Pass
		1705	50	0	10.206	/	Pass
15	QPSK	1702.5	75	0	15.294	/	Pass
	16QAM	1702.5	75	0	15.239	/	Pass

3.2.2 Test Graph

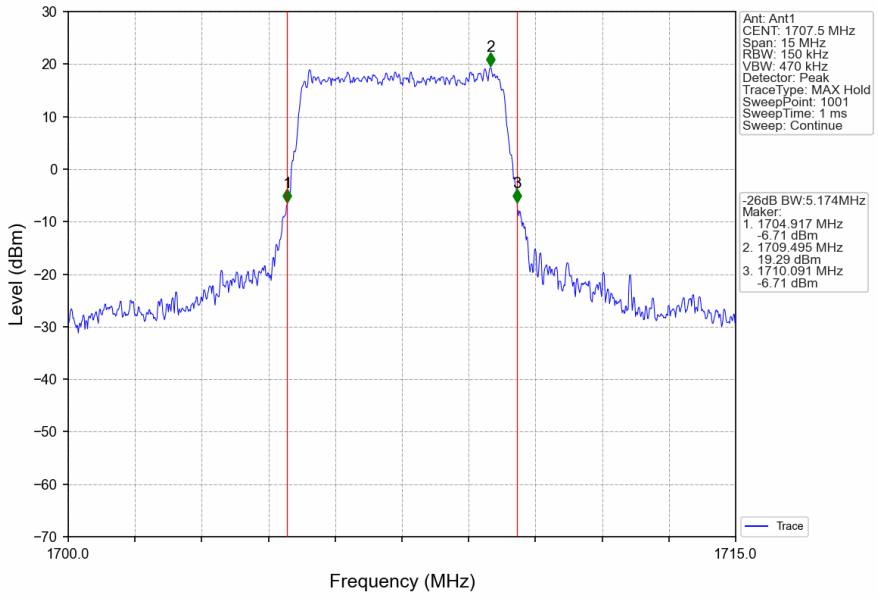
Band70_5MHz_QPSK_LCH_1697.5MHz_RB_25_0_NTNV



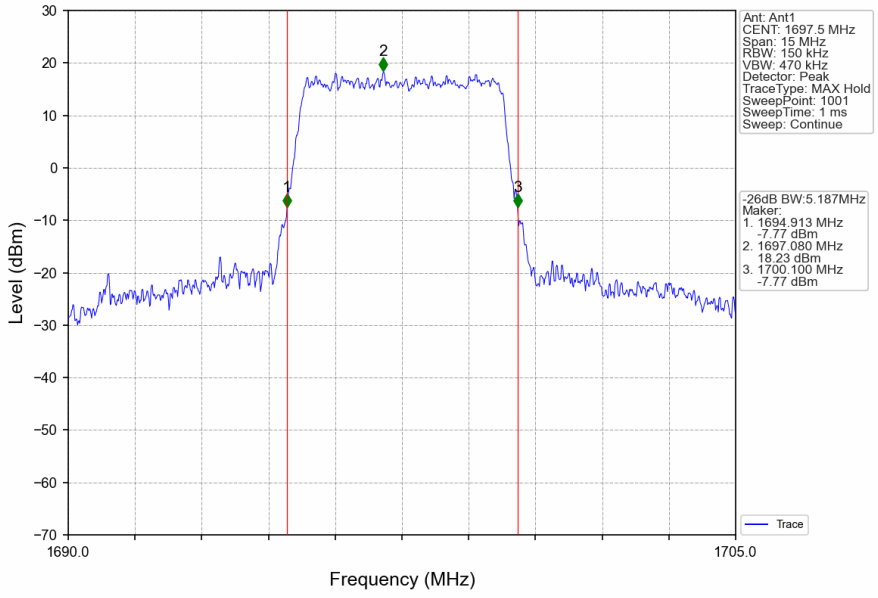
Band70_5MHz_QPSK_MCH_1702.5MHz_RB_25_0_NTNV



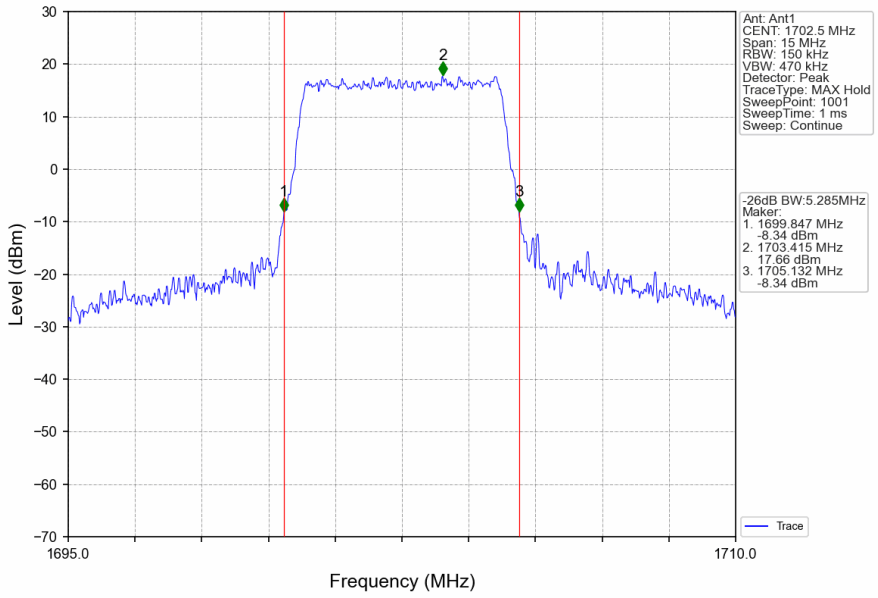
Band70_5MHz_QPSK_HCH_1707.5MHz_RB_25_0_NTNV



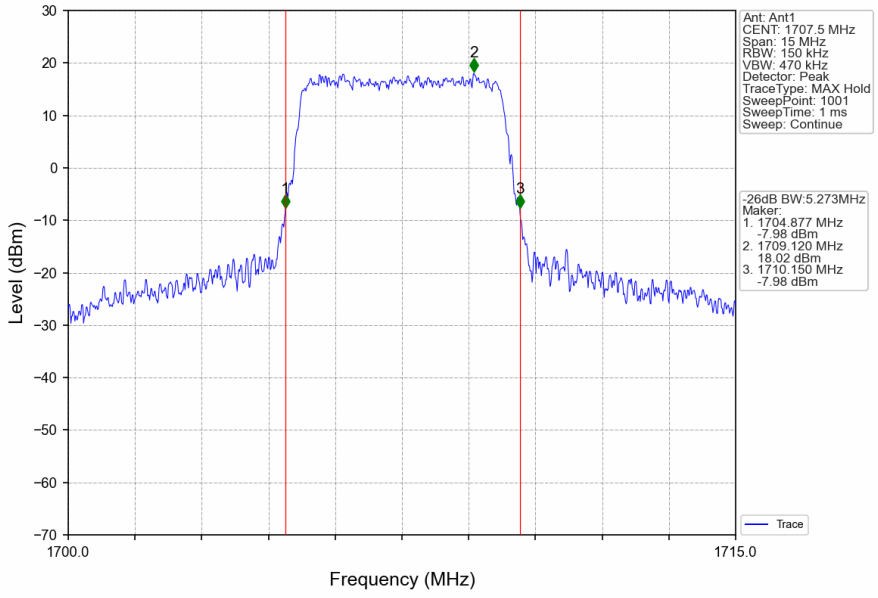
Band70_5MHz_16QAM_LCH_1697.5MHz_RB_25_0_NTNV



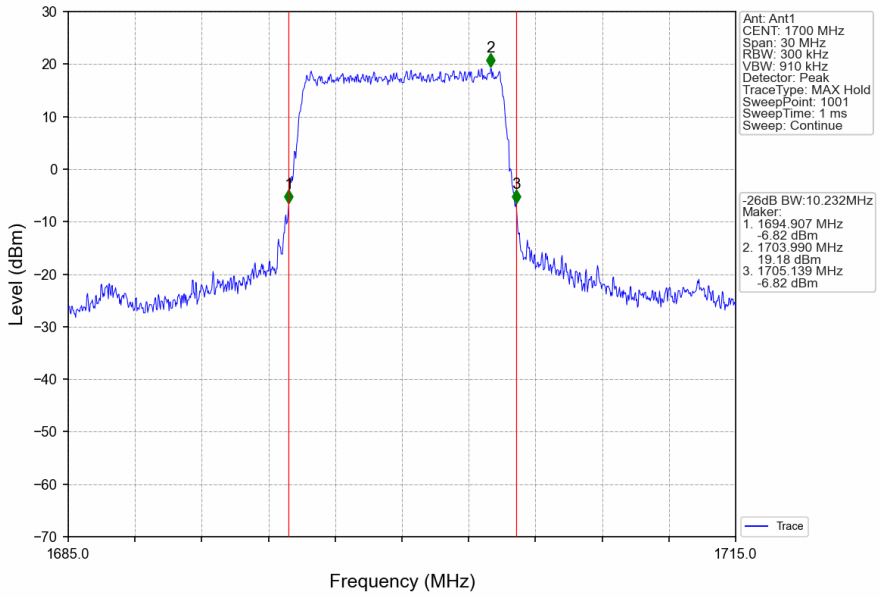
Band70_5MHz_16QAM_MCH_1702.5MHz_RB_25_0_NTNV



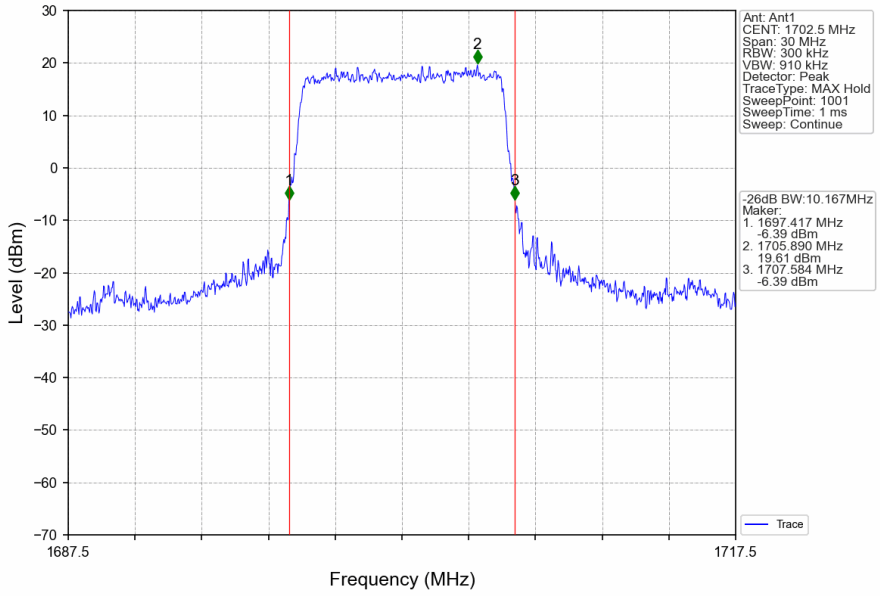
Band70_5MHz_16QAM_HCH_1707.5MHz_RB_25_0_NTNV

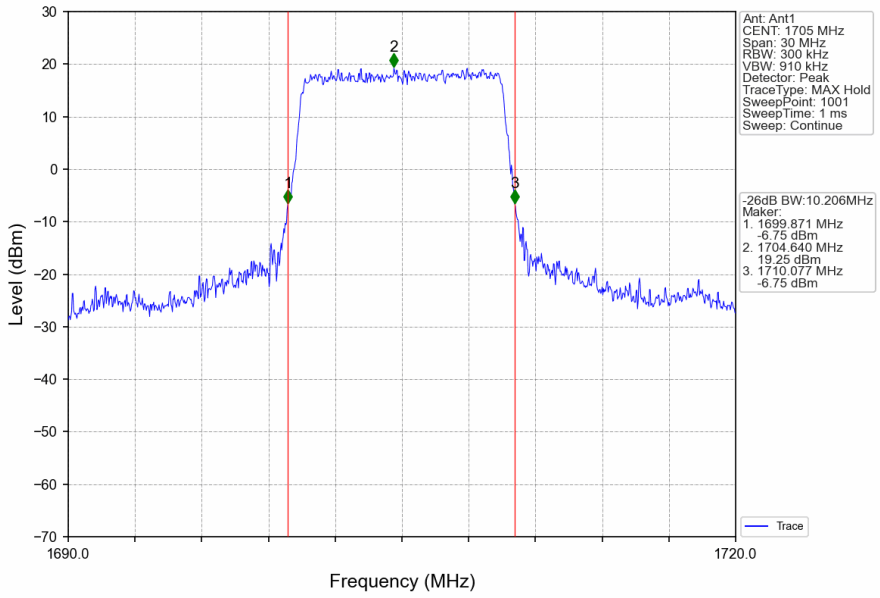


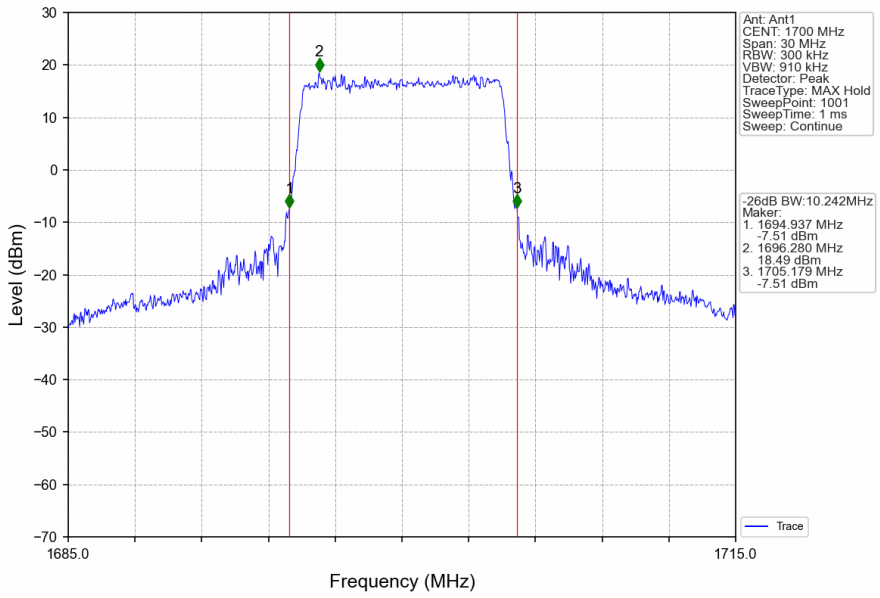
Band70_10MHz_QPSK_LCH_1700MHz_RB_50_0_NTNV



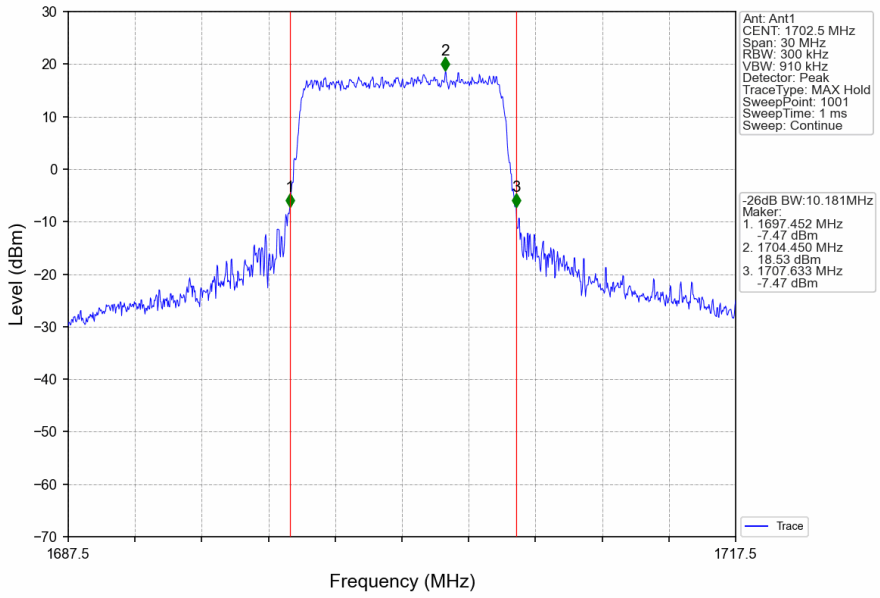
Band70_10MHz_QPSK_MCH_1702.5MHz_RB_50_0_NTNV



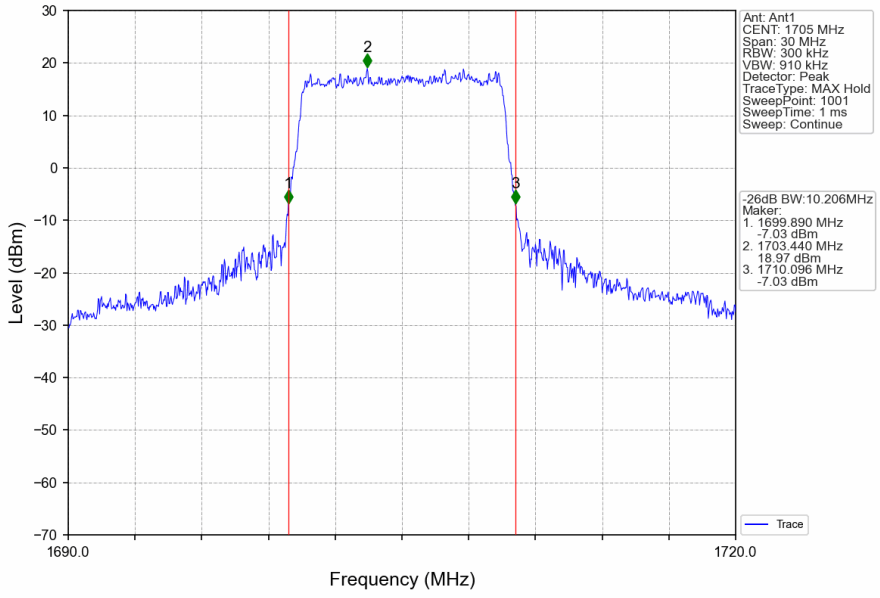
Band70_10MHz_QPSK_HCH_1705MHz_RB_50_0_NTNV


Band70_10MHz_16QAM_LCH_1700MHz_RB_50_0_NTNV


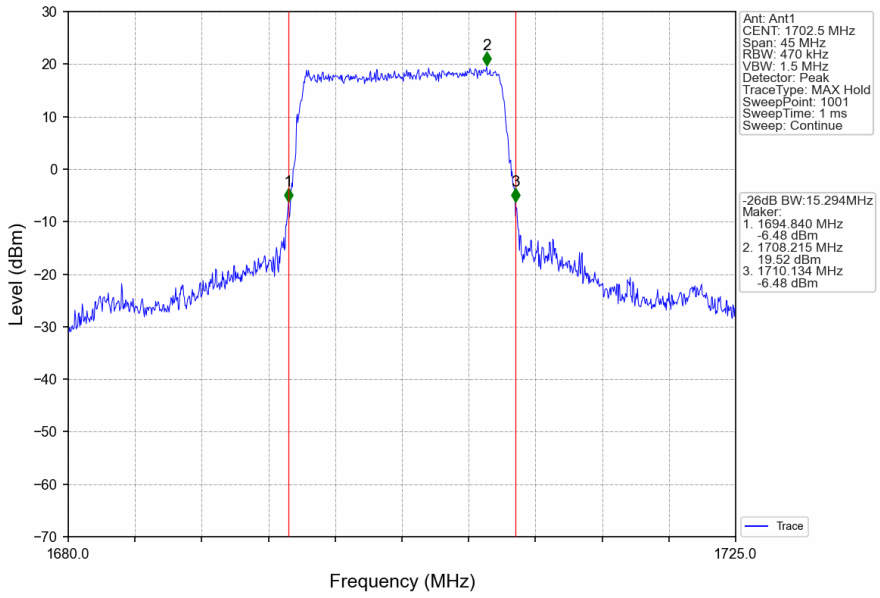
Band70_10MHz_16QAM_MCH_1702.5MHz_RB_50_0_NTNV



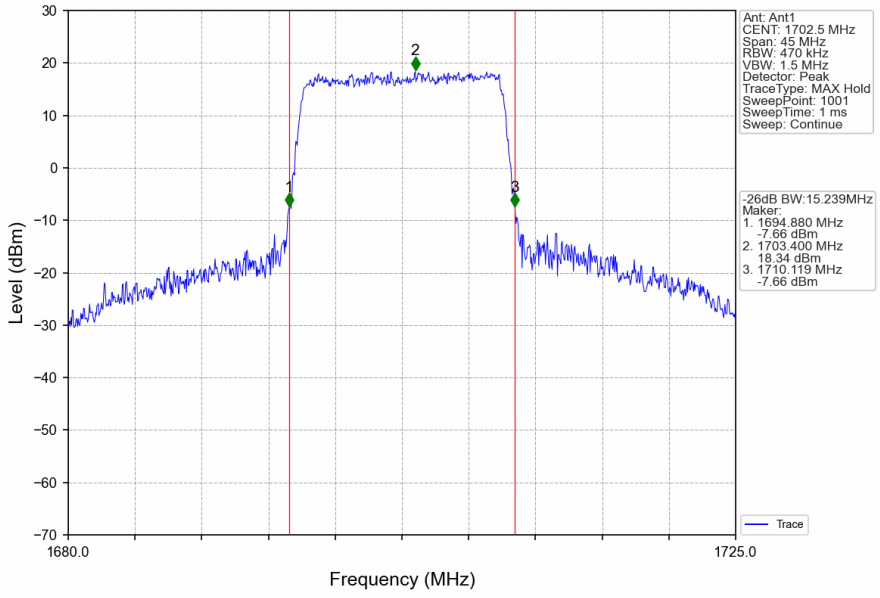
Band70_10MHz_16QAM_HCH_1705MHz_RB_50_0_NTNV



Band70_15MHz_QPSK_MCH_1702.5MHz_RB_75_0_NTNV



Band70_15MHz_16QAM_MCH_1702.5MHz_RB_75_0_NTNV



4. Peak-Average Ratio

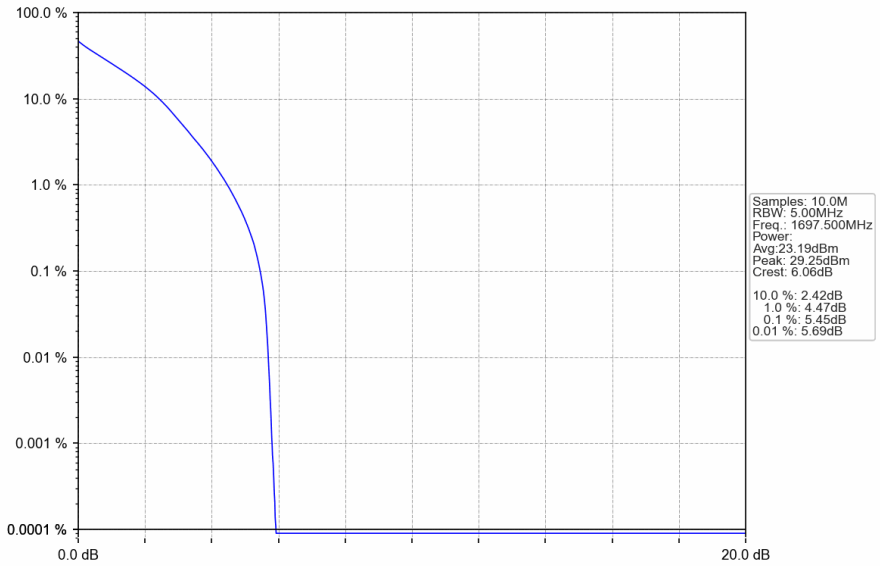
4.1 B70_5MHz

4.1.1 Test Result

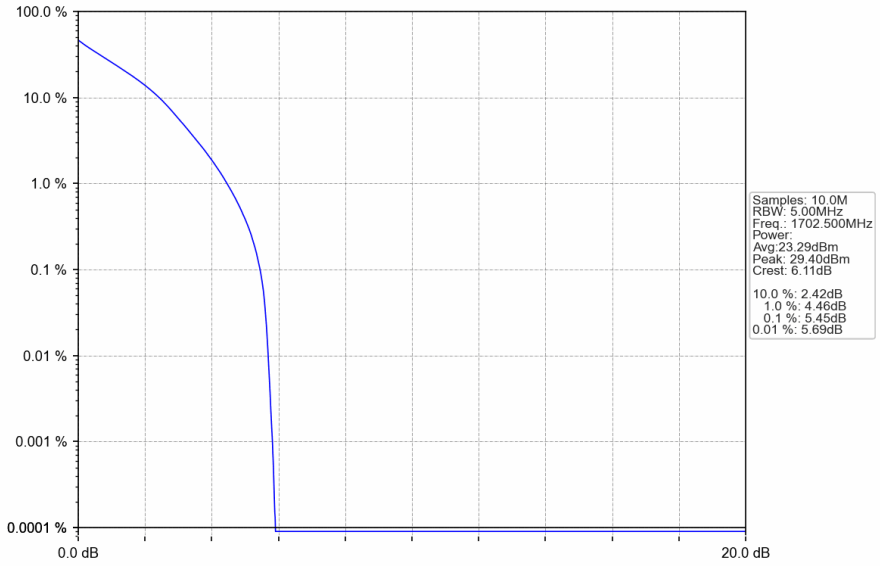
Band: 70 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1697.5	25	0	5.45	<=13	Pass
	1702.5	25	0	5.45	<=13	Pass
	1707.5	25	0	5.44	<=13	Pass
16QAM	1697.5	25	0	6.31	<=13	Pass
	1702.5	25	0	6.31	<=13	Pass
	1707.5	25	0	6.30	<=13	Pass

4.1.2 Test Graph

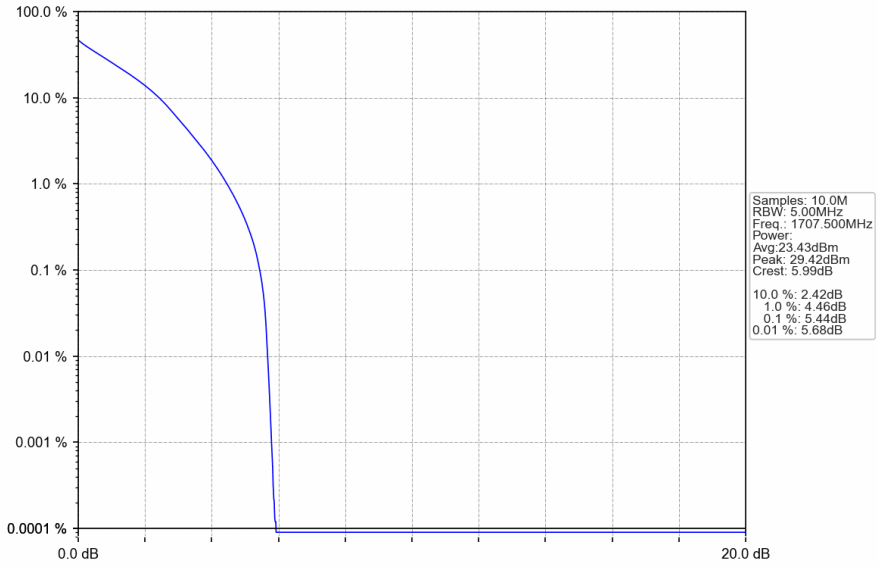
Band70_5MHz_QPSK_LCH_1697.5MHz_RB_25_0_NTNV



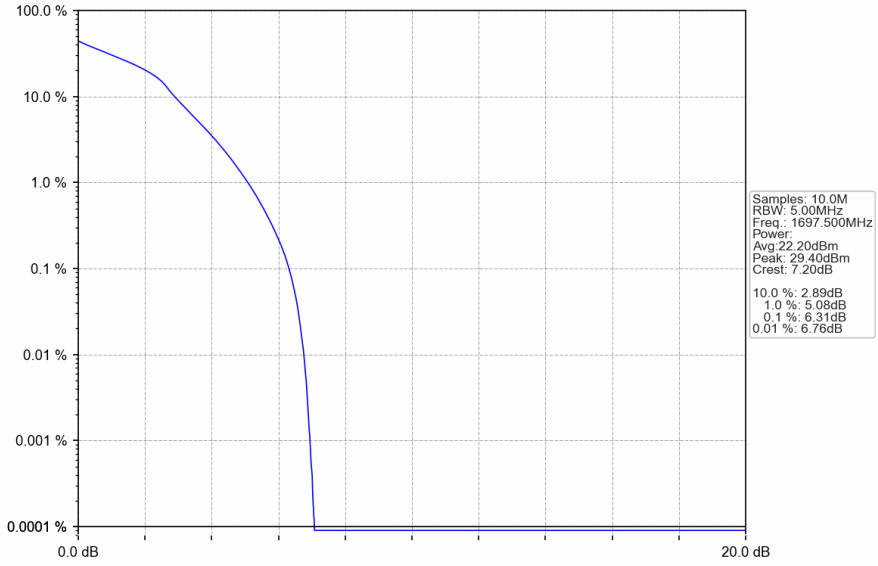
Band70_5MHz_QPSK_MCH_1702.5MHz_RB_25_0_NTNV



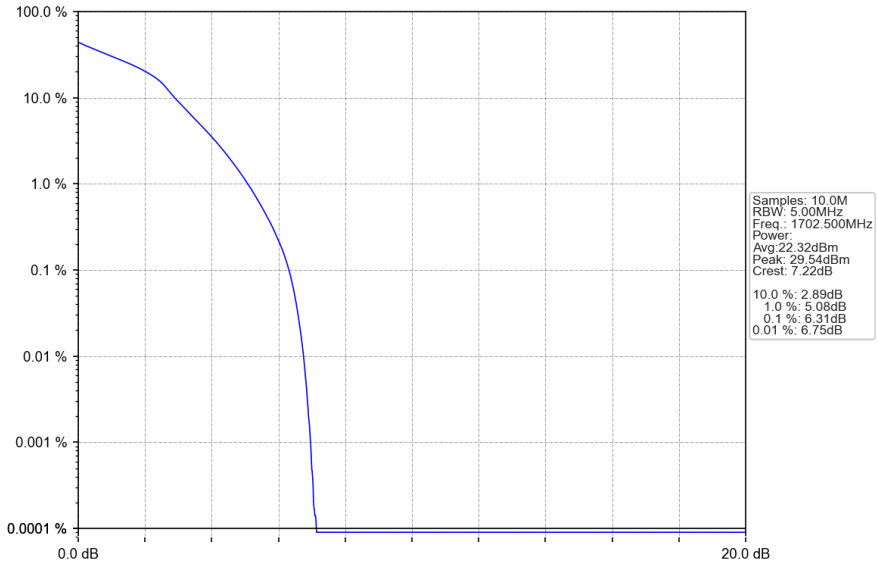
Band70_5MHz_QPSK_HCH_1707.5MHz_RB_25_0_NTNV



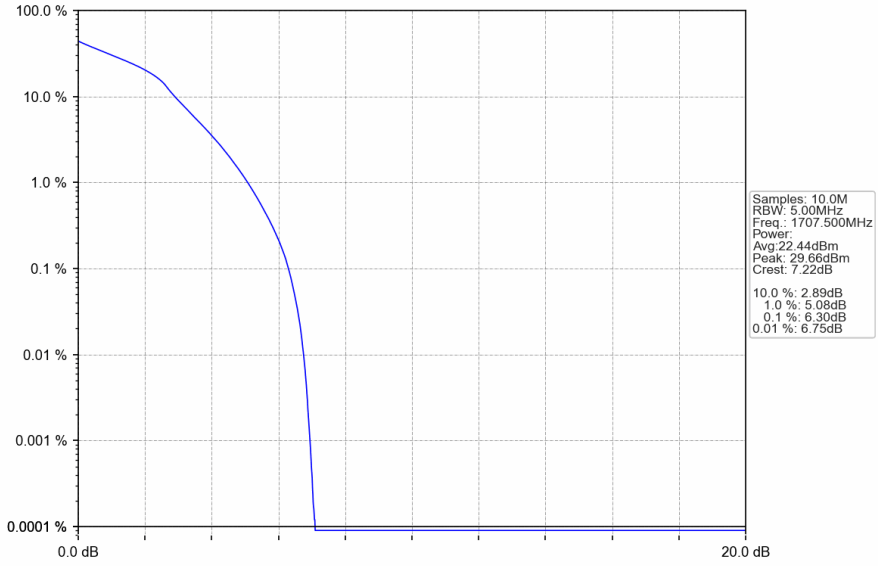
Band70_5MHz_16QAM_LCH_1697.5MHz_RB_25_0_NTNV



Band70_5MHz_16QAM_MCH_1702.5MHz_RB_25_0_NTNV



Band70_5MHz_16QAM_HCH_1707.5MHz_RB_25_0_NTNV



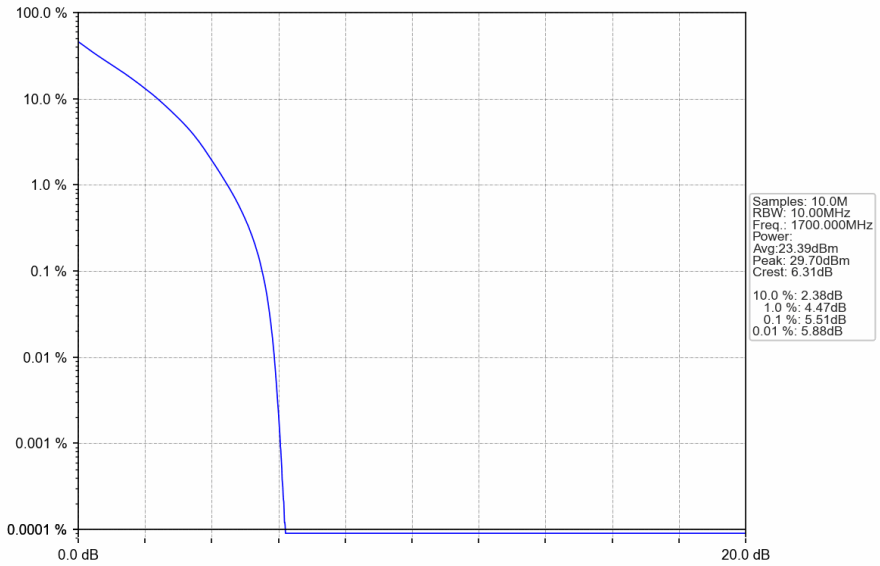
4.2 B70_10MHz

4.2.1 Test Result

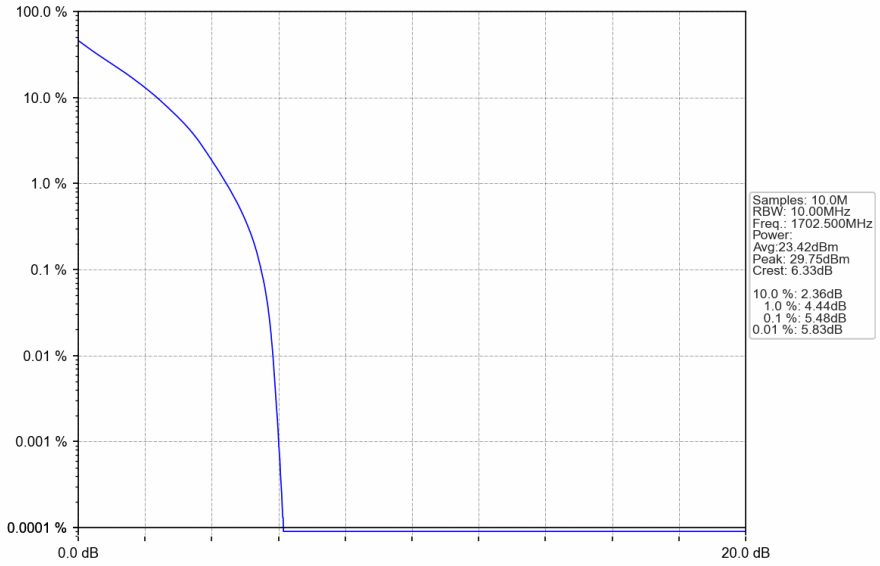
Band: 70 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1700	50	0	5.51	<=13	Pass
	1702.5	50	0	5.48	<=13	Pass
	1705	50	0	5.46	<=13	Pass
16QAM	1700	50	0	6.31	<=13	Pass
	1702.5	50	0	6.29	<=13	Pass
	1705	50	0	6.28	<=13	Pass

4.2.2 Test Graph

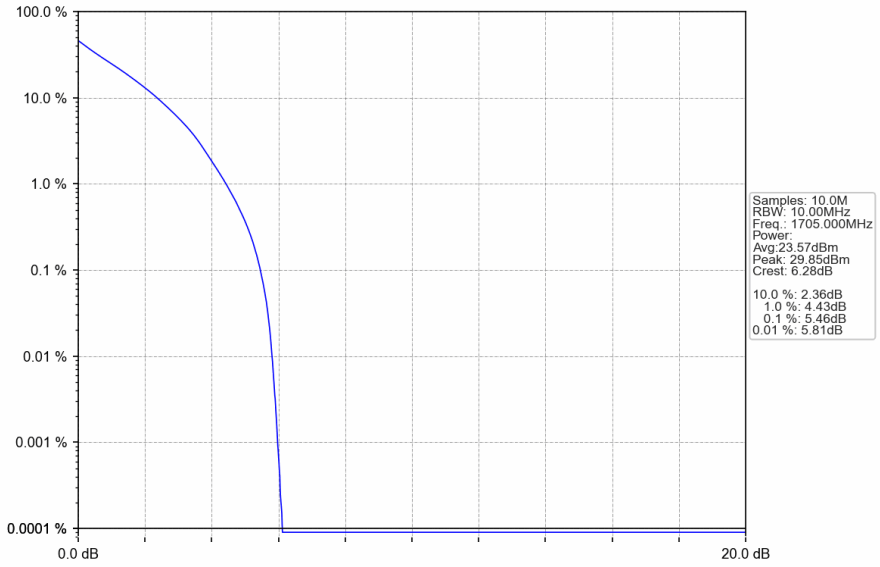
Band70_10MHz_QPSK_LCH_1700MHz_RB_50_0_NTNV



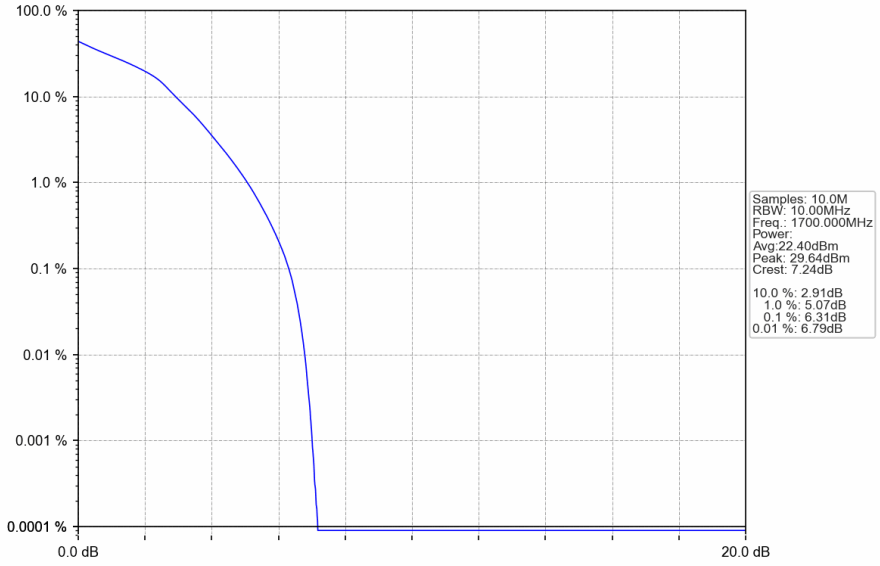
Band70_10MHz_QPSK_MCH_1702.5MHz_RB_50_0_NTNV



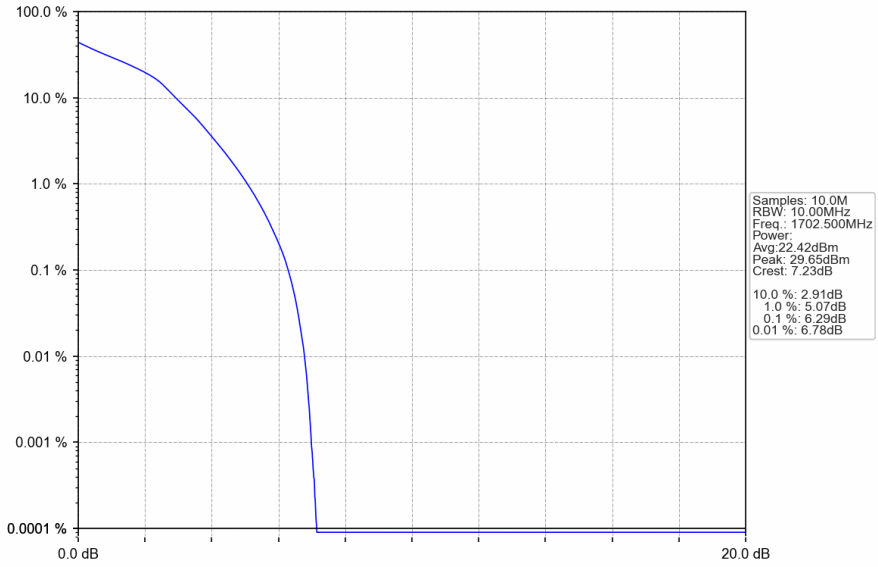
Band70_10MHz_QPSK_HCH_1705MHz_RB_50_0_NTNV



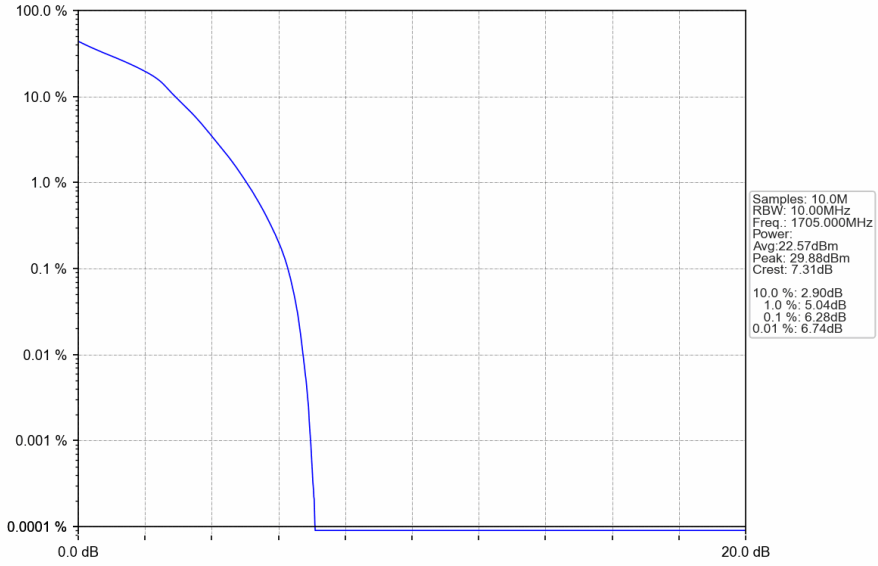
Band70_10MHz_16QAM_LCH_1700MHz_RB_50_0_NTNV



Band70_10MHz_16QAM_MCH_1702.5MHz_RB_50_0_NTNV



Band70_10MHz_16QAM_HCH_1705MHz_RB_50_0_NTNV



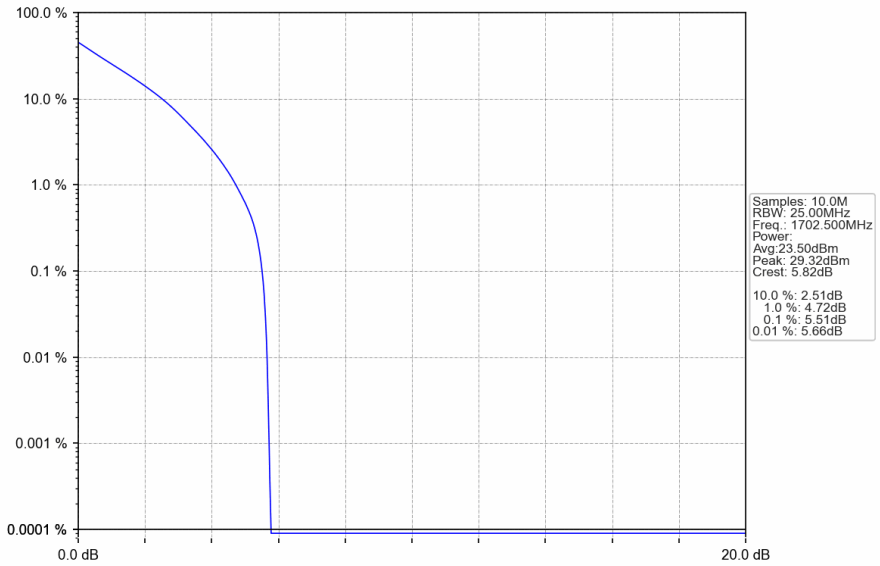
4.3 B70_15MHz

4.3.1 Test Result

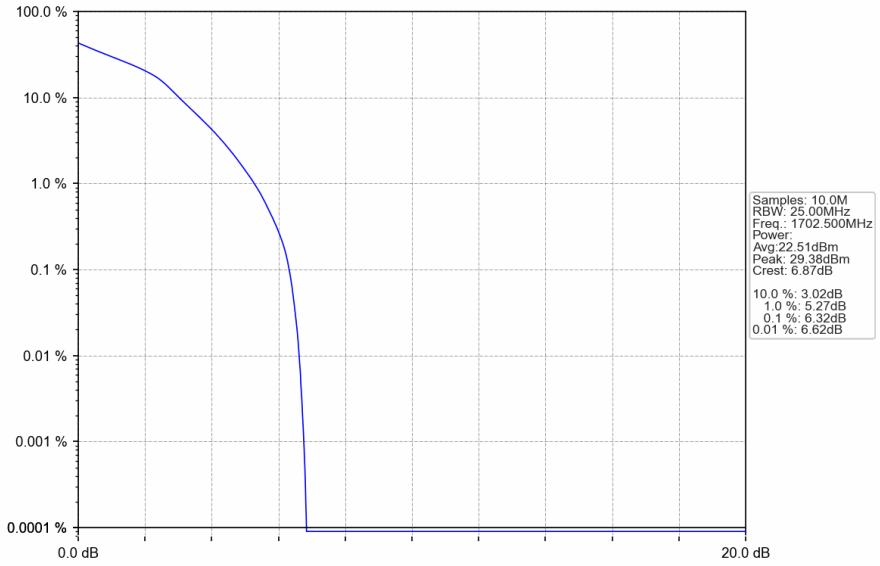
Band: 70 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1702.5	75	0	5.51	<=13	Pass
16QAM	1702.5	75	0	6.32	<=13	Pass

4.3.2 Test Graph

Band70_15MHz_QPSK_MCH_1702.5MHz_RB_75_0_NTNV



Band70_15MHz_16QAM_MCH_1702.5MHz_RB_75_0_NTNV



5. Spurious Emission

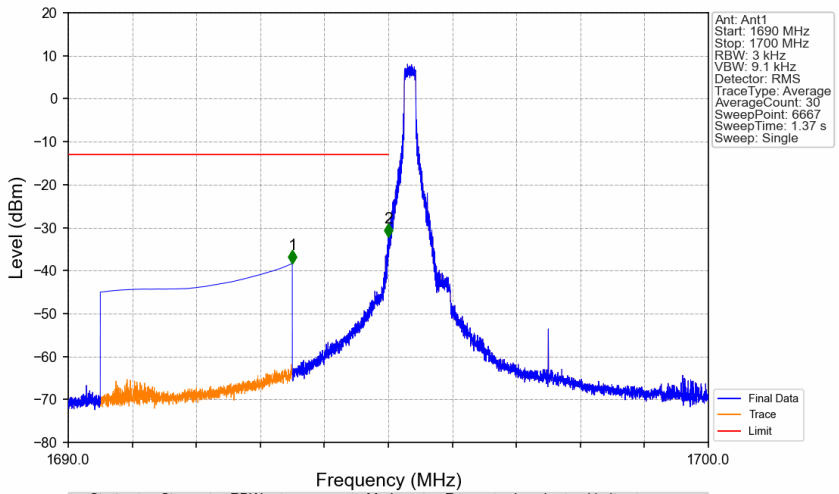
5.1 B70_5MHz

5.1.1 Test Result

Band: 70 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1697.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1702.5	1	0	Refer To Test Graph		Pass
	1707.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1697.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1702.5	1	0	Refer To Test Graph		Pass
	1707.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

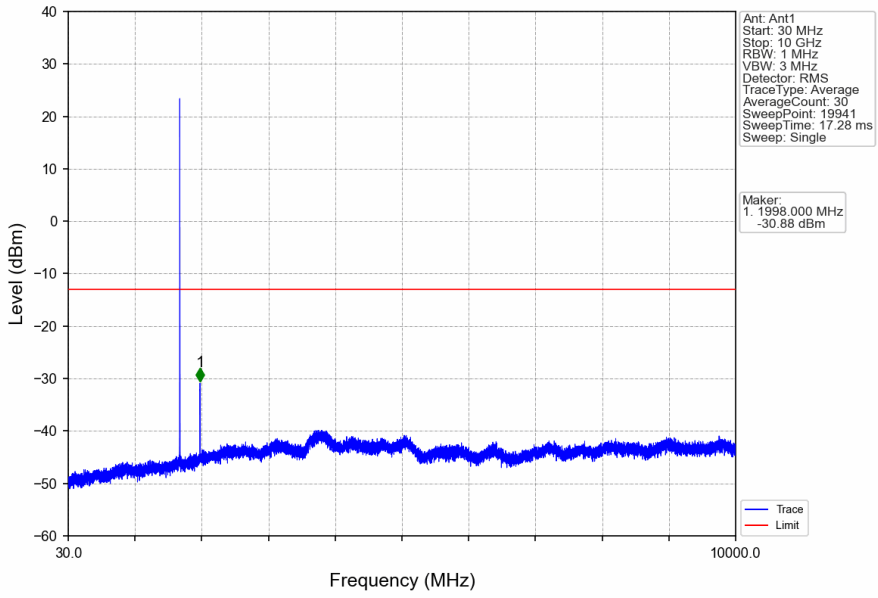
5.1.2 Test Graph

Band70_5MHz_QPSK_LCH_1697.5MHz_RB_1_0_NTNV

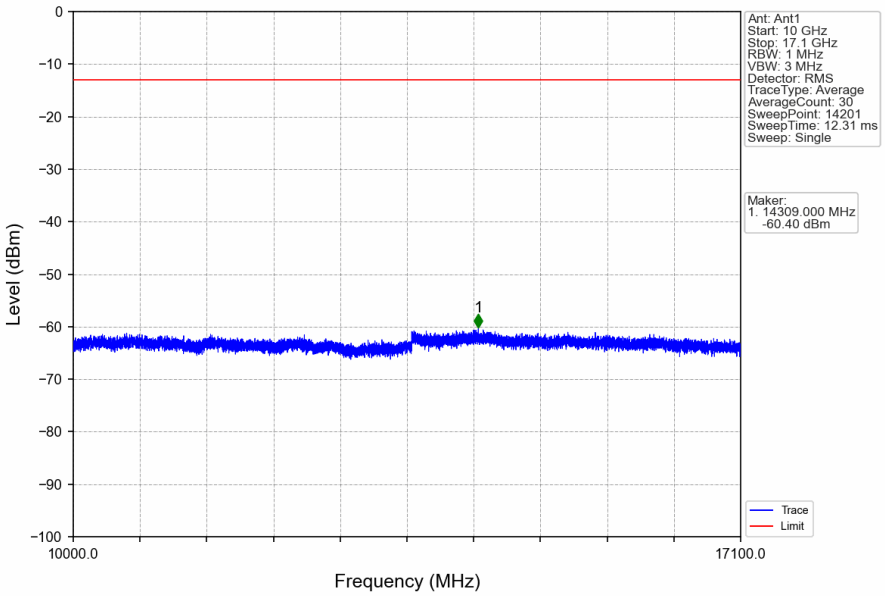


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1694	1	CHP	1	1693.500	-38.35	-13	Pass
1694	1695	0.003	/	2	1694.997	-32.18	-13	Pass
1695	1700	0.003	/	/	/	/	/	/

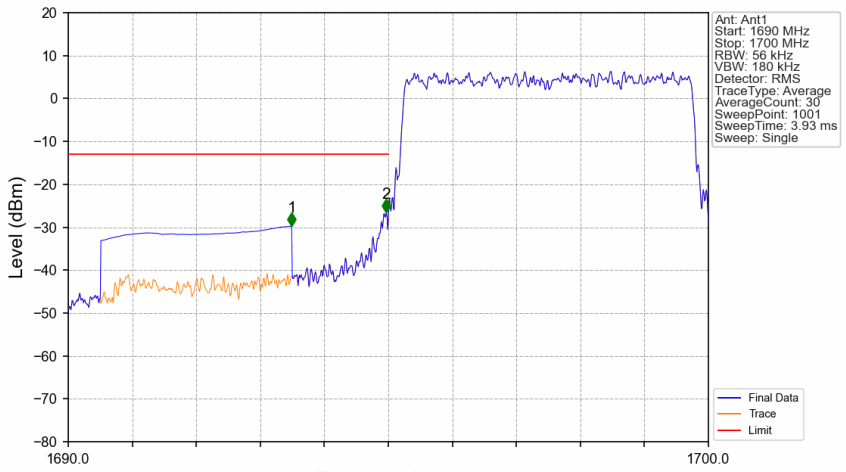
Band70_5MHz_QPSK_LCH_1697.5MHz_RB_1_0_NTNV



Band70_5MHz_QPSK_LCH_1697.5MHz_RB_1_0_NTNV

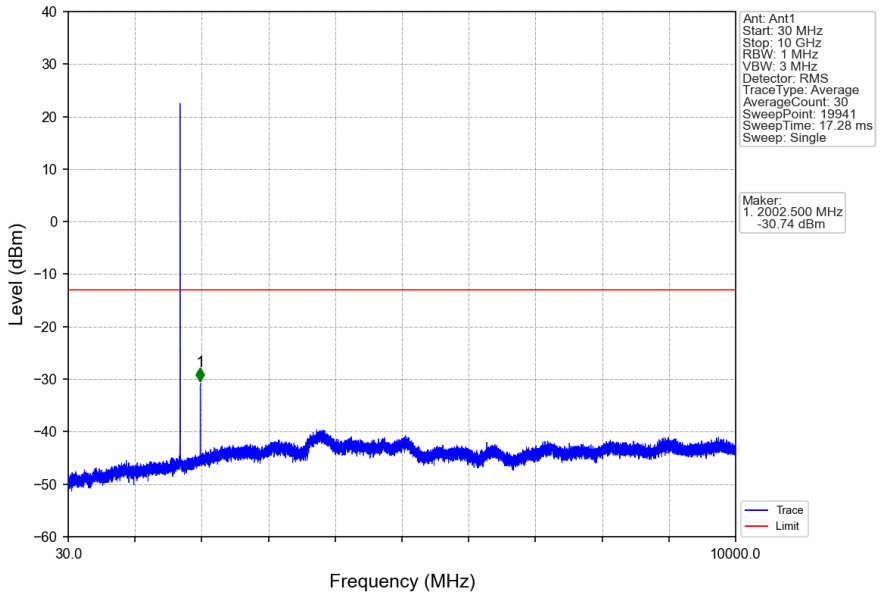


Band70_5MHz_QPSK_LCH_1697.5MHz_RB_25_0_NTNV

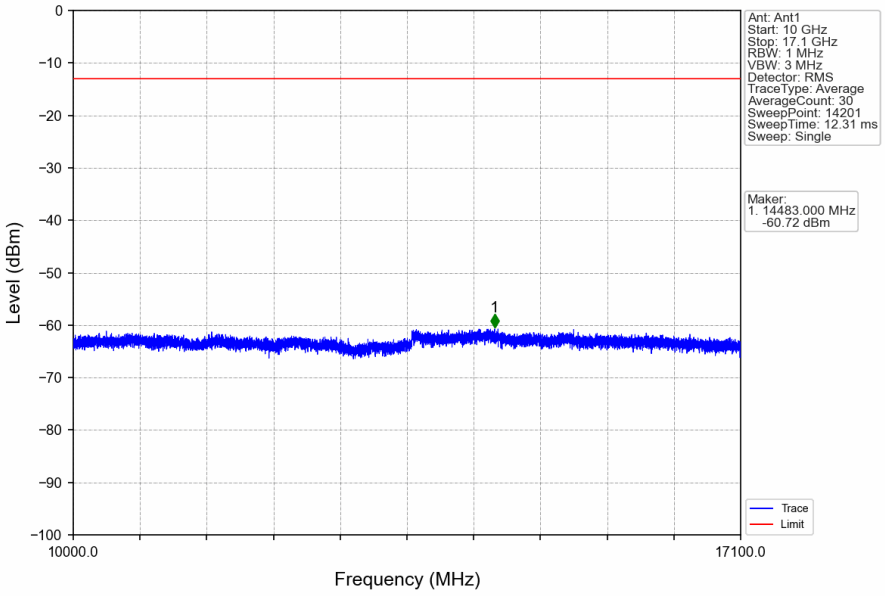


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1694	1	CHP	1	1693.490	-29.71	-13	Pass
1694	1695	0.056	/	2	1694.970	-26.59	-13	Pass
1695	1700	0.056	/	/	/	/	/	/

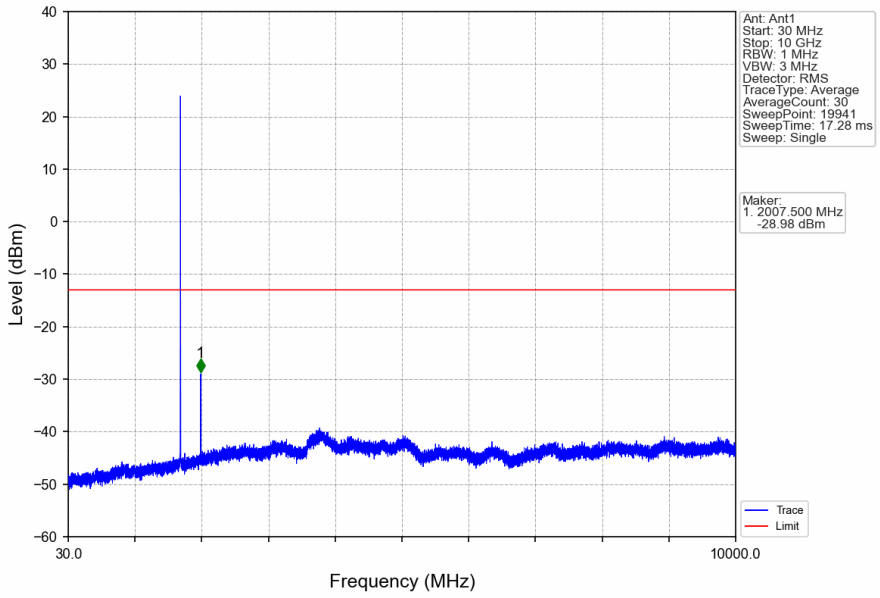
Band70_5MHz_QPSK_MCH_1702.5MHz_RB_1_0_NTNV



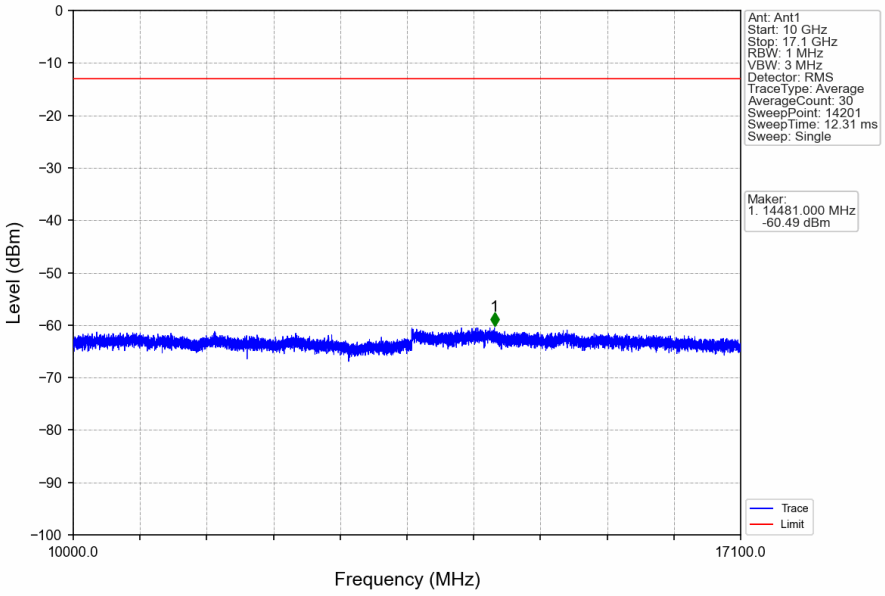
Band70_5MHz_QPSK_MCH_1702.5MHz_RB_1_0_NTNV



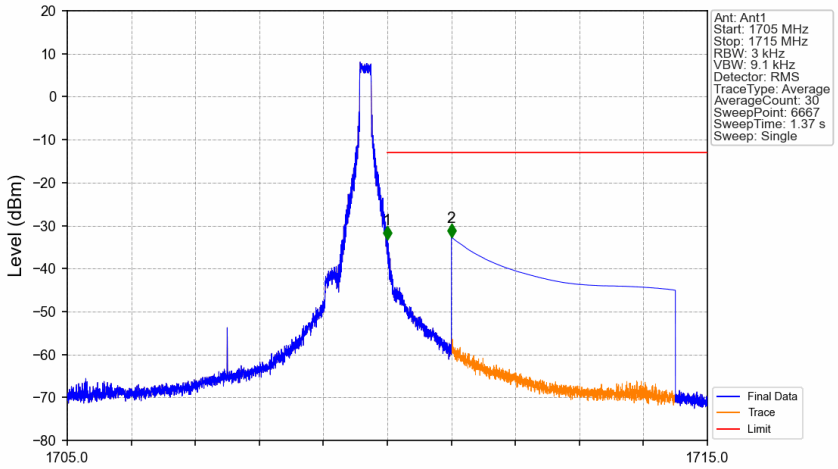
Band70_5MHz_QPSK_HCH_1707.5MHz_RB_1_0_NTNV



Band70_5MHz_QPSK_HCH_1707.5MHz_RB_1_0_NTNV

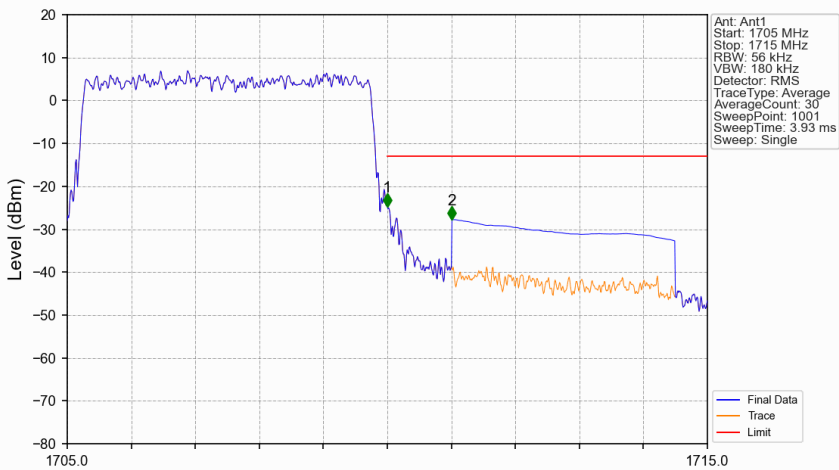


Band70_5MHz_QPSK_HCH_1707.5MHz_RB_1_24_NTNV



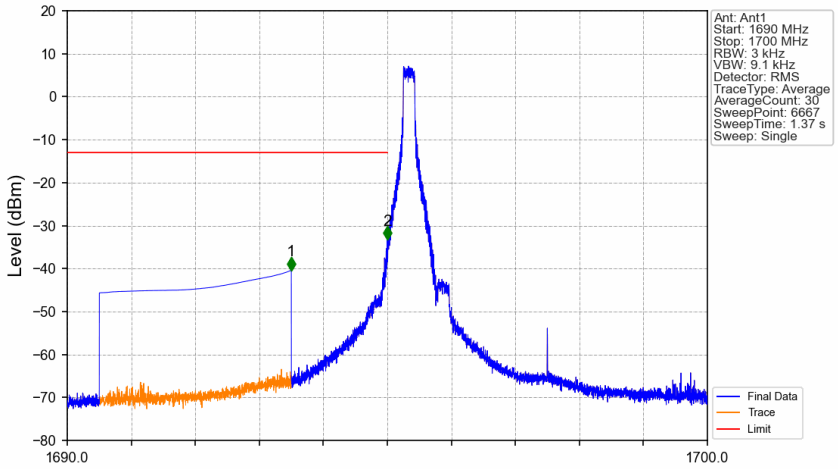
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1710	0.003	/	/	/	/	/	/
1710	1711	0.003	/	1	1710.000	-33.19	-13	Pass
1711	1715	1	CHP	2	1711.001	-32.66	-13	Pass

Band70_5MHz_QPSK_HCH_1707.5MHz_RB_25_0_NTNV



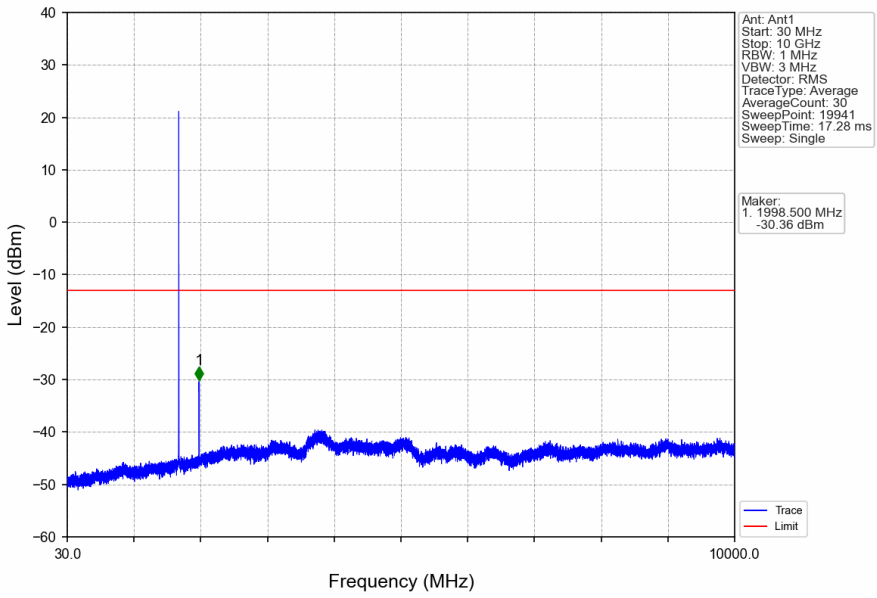
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1710	0.056	/	/	/	/	/	/
1710	1711	0.056	/	1	1710.000	-24.72	-13	Pass
1711	1715	1	CHP	2	1711.010	-27.71	-13	Pass

Band70_5MHz_16QAM_LCH_1697.5MHz_RB_1_0_NTNV

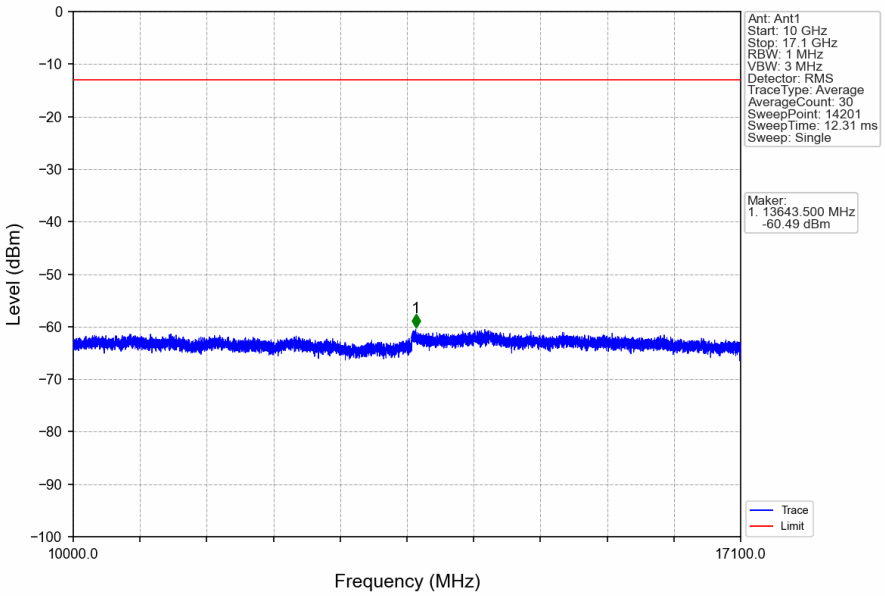


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1694	1	CHP	1	1693.498	-40.43	-13	Pass
1694	1695	0.003	/	2	1694.998	-33.34	-13	Pass
1695	1700	0.003	/	/	/	/	/	/

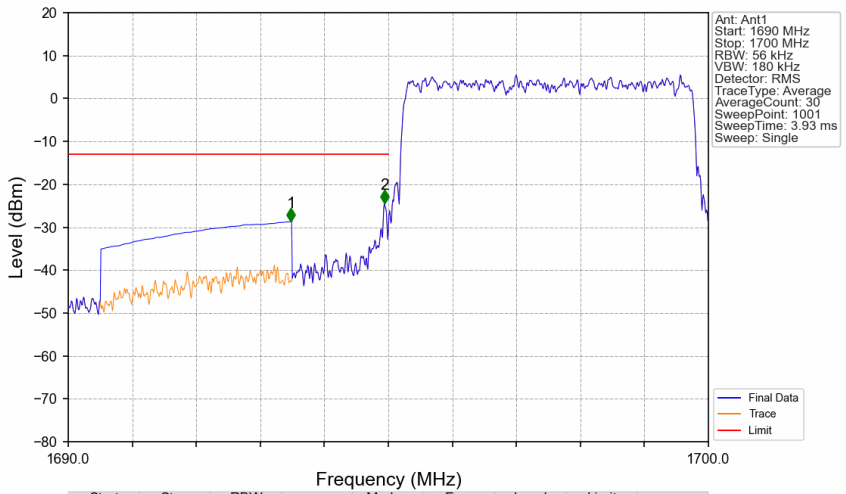
Band70_5MHz_16QAM_LCH_1697.5MHz_RB_1_0_NTNV



Band70_5MHz_16QAM_LCH_1697.5MHz_RB_1_0_NTNV

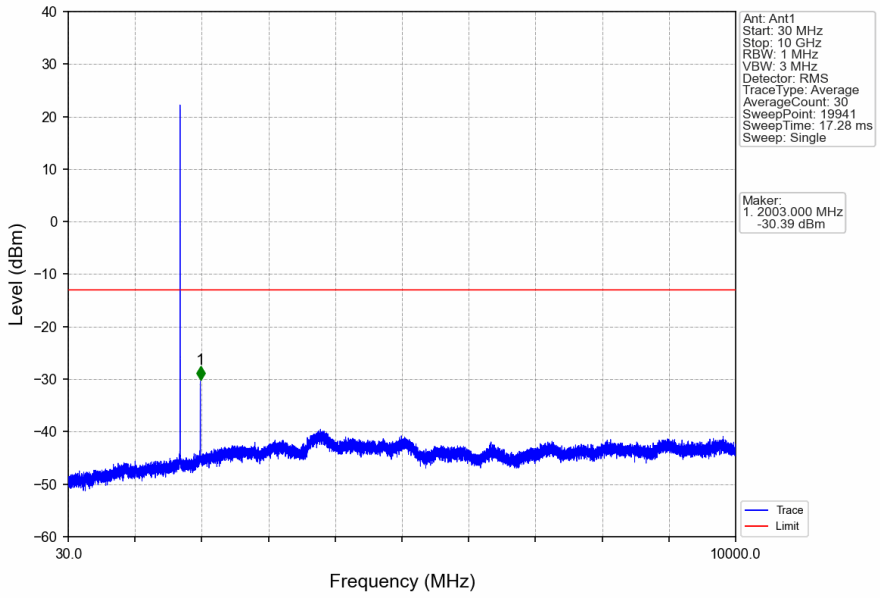


Band70_5MHz_16QAM_LCH_1697.5MHz_RB_25_0_NTNV

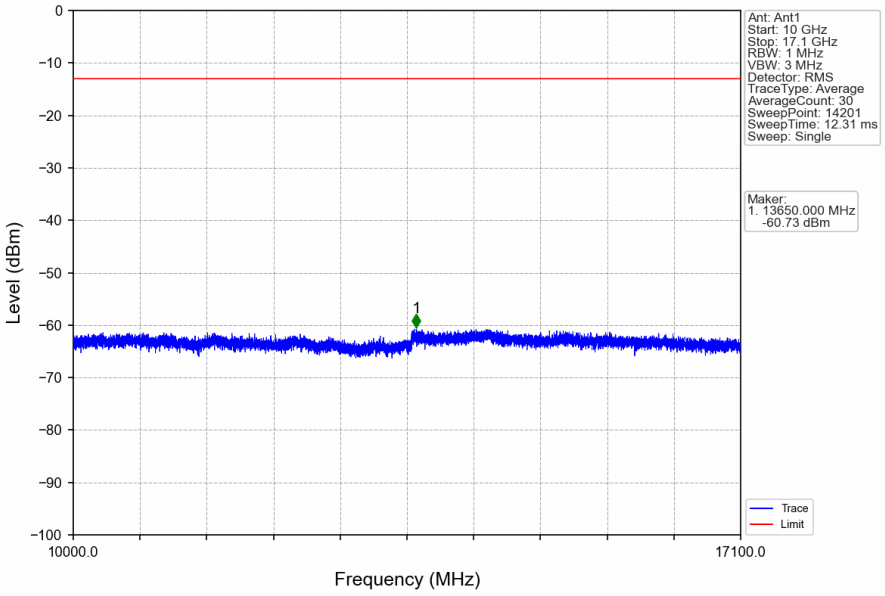


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1694	1	CHP	1	1693.480	-28.73	-13	Pass
1694	1695	0.056	/	2	1694.940	-24.49	-13	Pass
1695	1700	0.056	/	/	/	/	/	/

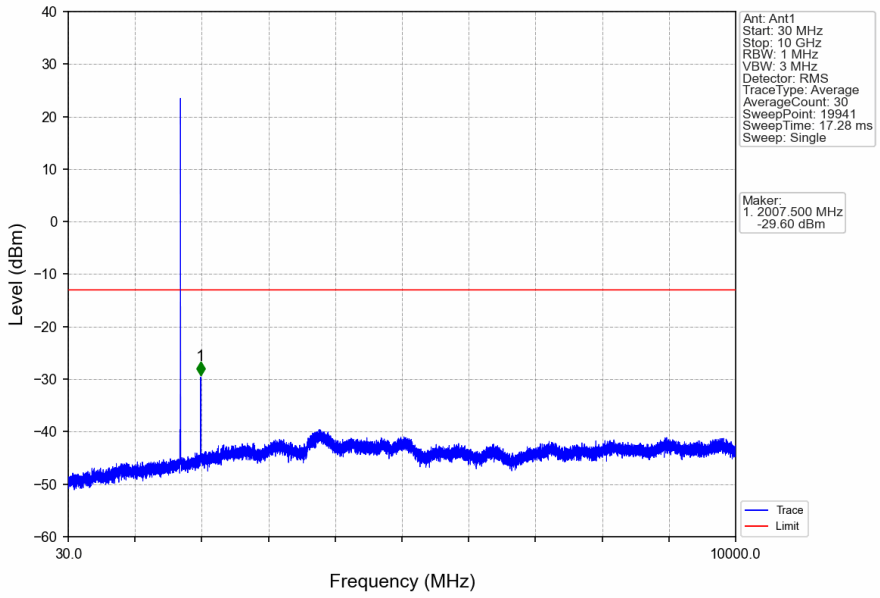
Band70_5MHz_16QAM_MCH_1702.5MHz_RB_1_0_NTNV



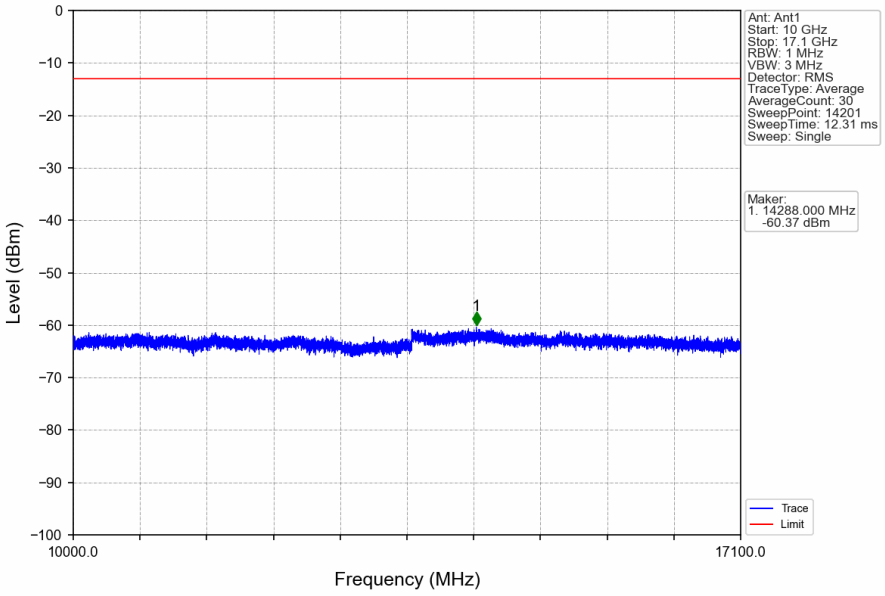
Band70_5MHz_16QAM_MCH_1702.5MHz_RB_1_0_NTNV



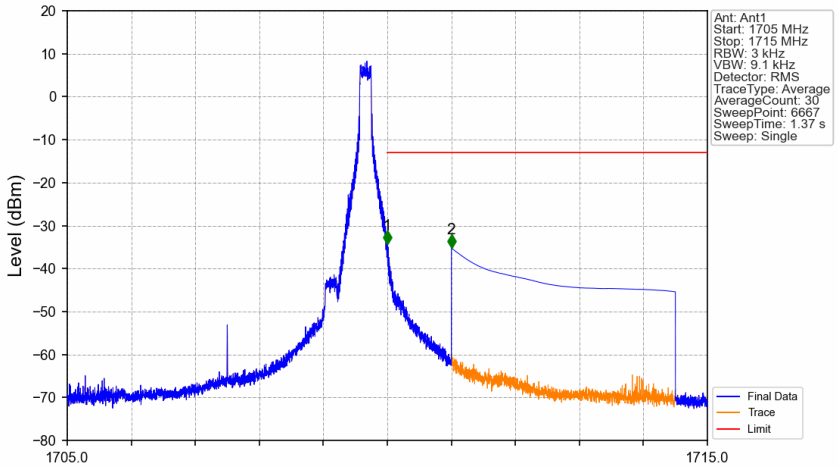
Band70_5MHz_16QAM_HCH_1707.5MHz_RB_1_0_NTNV



Band70_5MHz_16QAM_HCH_1707.5MHz_RB_1_0_NTNV

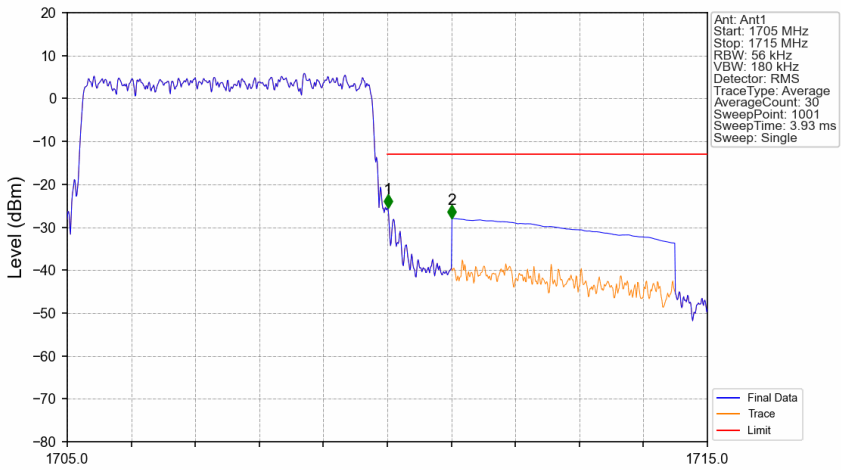


Band70_5MHz_16QAM_HCH_1707.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1710	0.003	/	/	/	/	/	/
1710	1711	0.003	/	1	1710.000	-34.34	-13	Pass
1711	1715	1	CHP	2	1711.001	-35.20	-13	Pass

Band70_5MHz_16QAM_HCH_1707.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1710	0.056	/	/	/	/	/	/
1710	1711	0.056	/	1	1710.010	-25.48	-13	Pass
1711	1715	1	CHP	2	1711.010	-27.97	-13	Pass

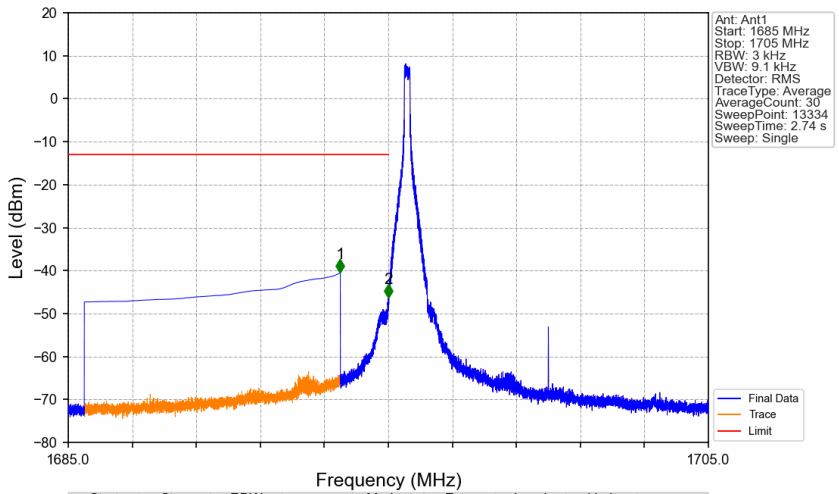
5.2 B70_10MHz

5.2.1 Test Result

Band: 70 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1700	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1702.5	1	0	Refer To Test Graph		Pass
	1705	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1700	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1702.5	1	0	Refer To Test Graph		Pass
	1705	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

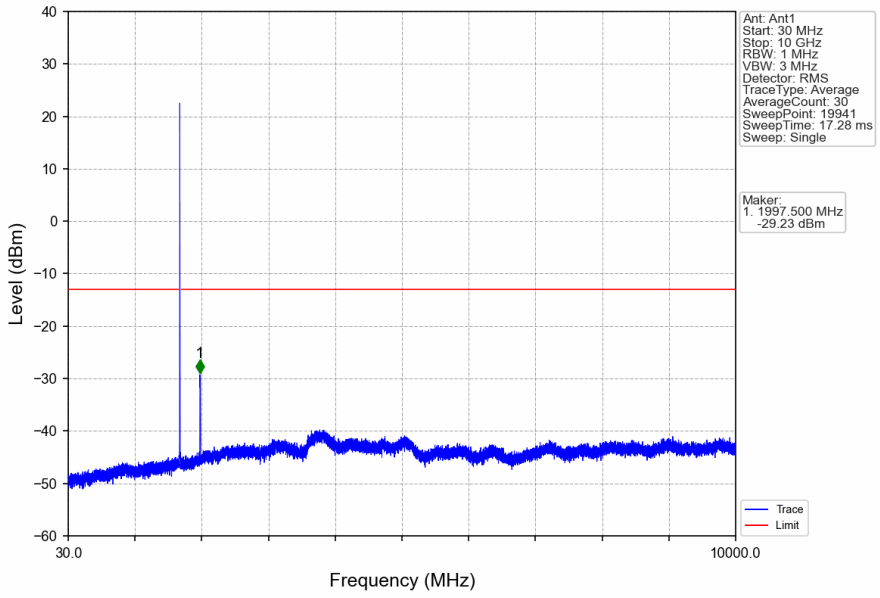
5.2.2 Test Graph

Band70_10MHz_QPSK_LCH_1700MHz_RB_1_0_NTNV

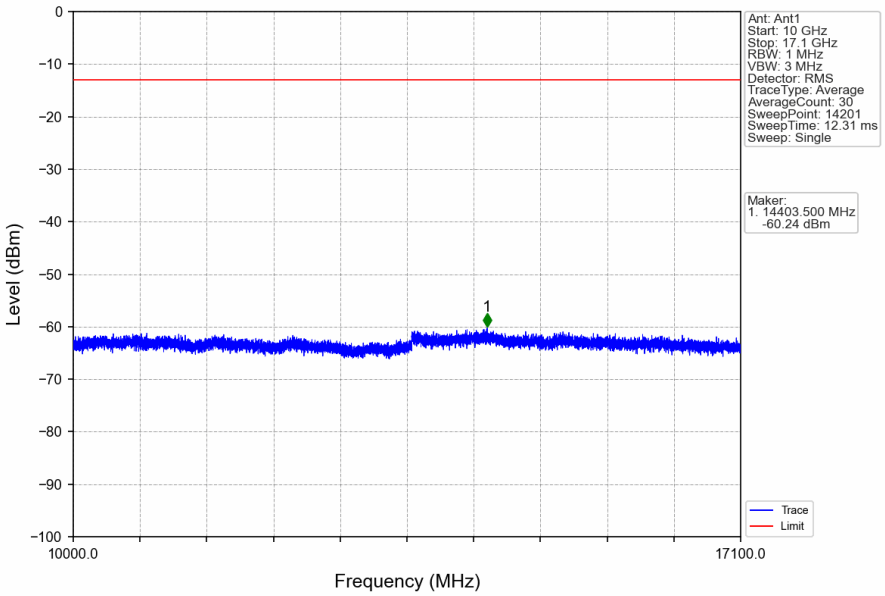


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1685	1694	1	CHP	1	1693.498	-40.57	-13	Pass
1694	1695	0.003	/	2	1694.998	-46.29	-13	Pass
1695	1705	0.003	/	/	/	/	/	/

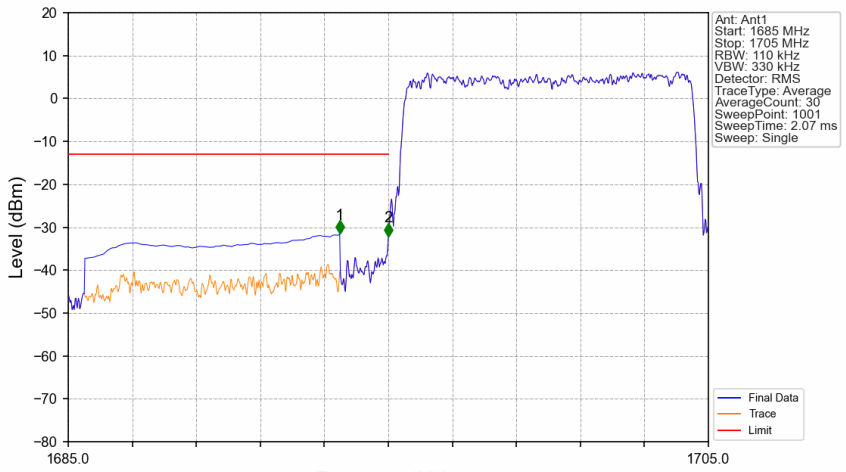
Band70_10MHz_QPSK_LCH_1700MHz_RB_1_0_NTNV



Band70_10MHz_QPSK_LCH_1700MHz_RB_1_0_NTNV

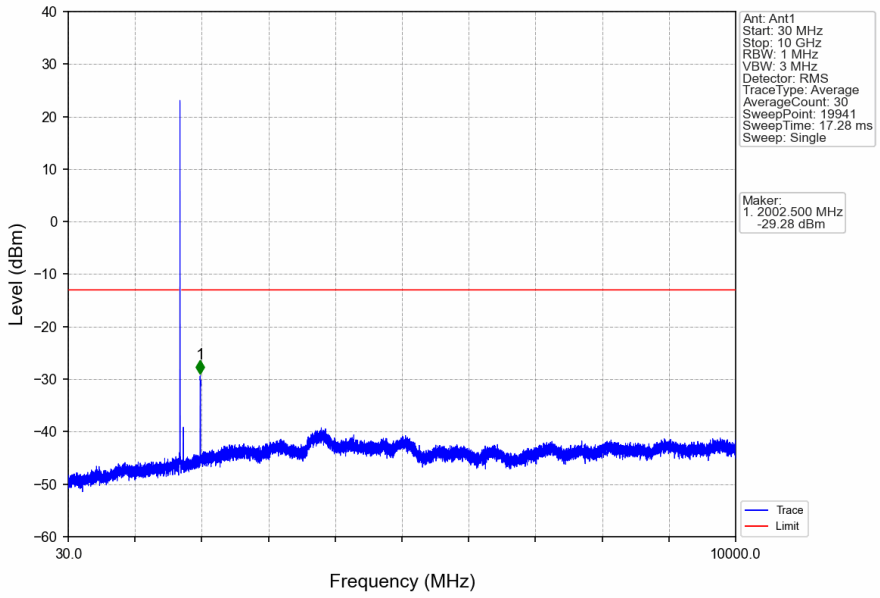


Band70_10MHz_QPSK_LCH_1700MHz_RB_50_0_NTNV

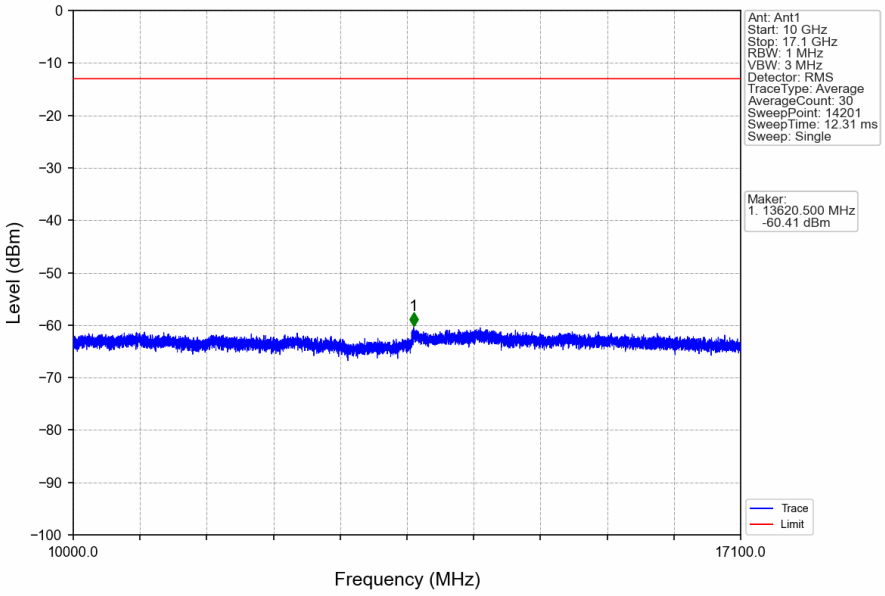


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1685	1694	1	CHP	1	1693.480	-31.57	-13	Pass
1694	1695	0.11	/	2	1695.000	-32.15	-13	Pass
1695	1705	0.11	/	/	/	/	/	/

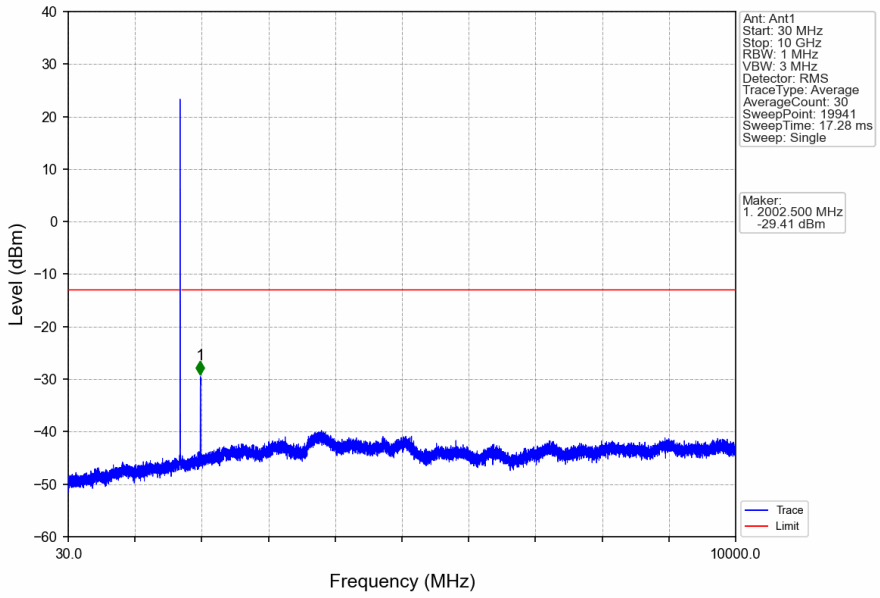
Band70_10MHz_QPSK_MCH_1702.5MHz_RB_1_0_NTNV



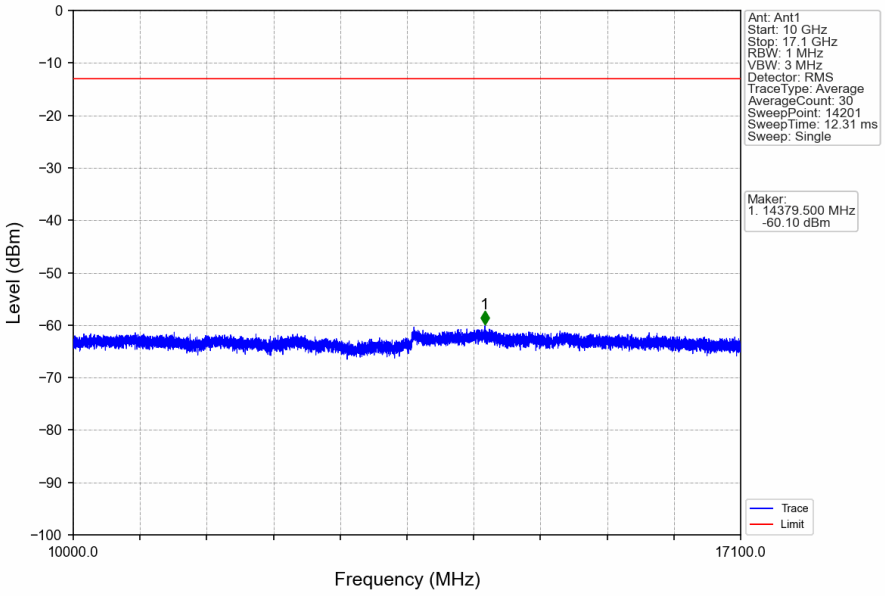
Band70_10MHz_QPSK_MCH_1702.5MHz_RB_1_0_NTNV



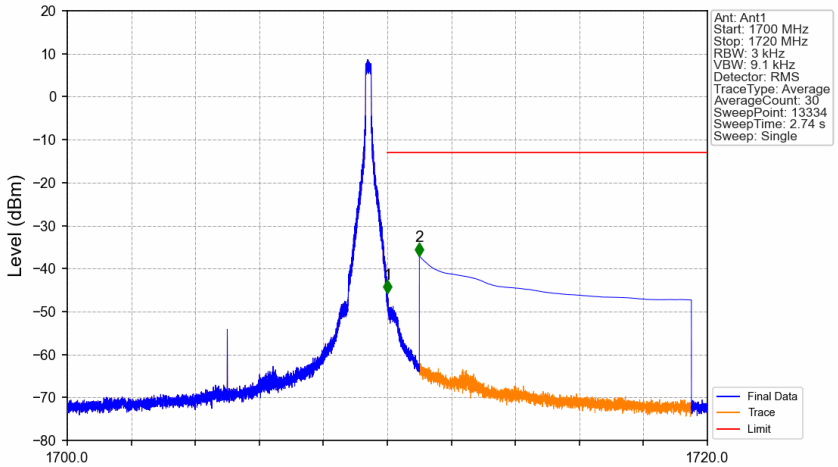
Band70_10MHz_QPSK_HCH_1705MHz_RB_1_0_NTNV



Band70_10MHz_QPSK_HCH_1705MHz_RB_1_0_NTNV

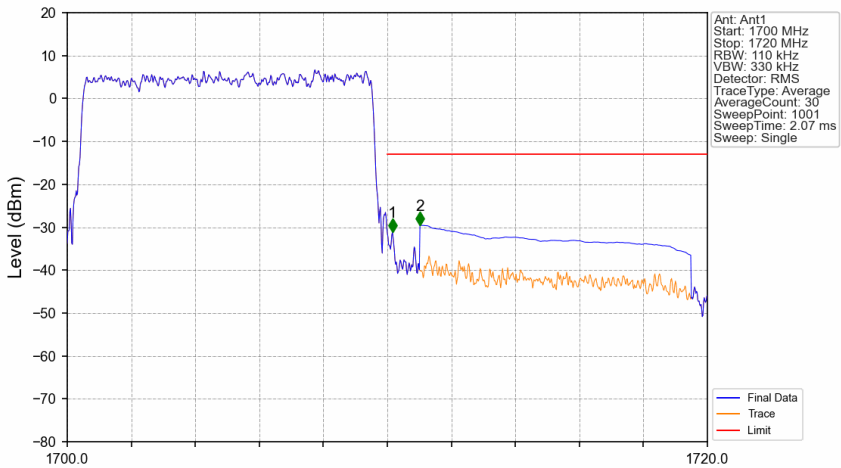


Band70_10MHz_QPSK_HCH_1705MHz_RB_1_49_NTNV



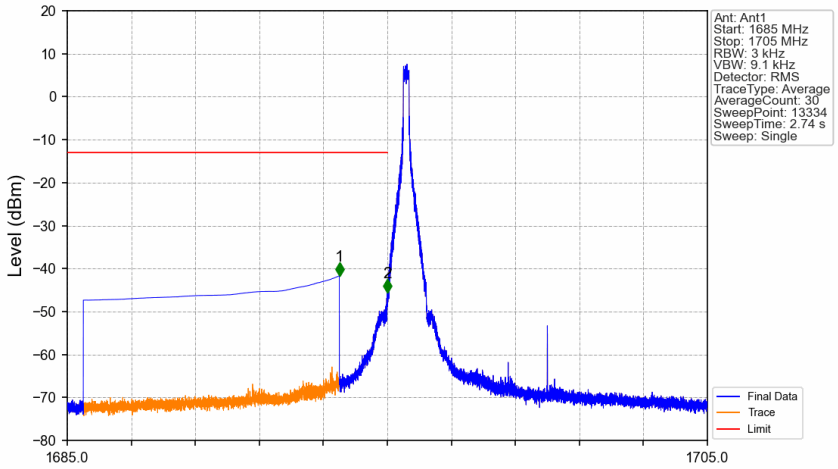
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1710	0.003	/	/	/	/	/	/
1710	1711	0.003	/	1	1710.002	-45.80	-13	Pass
1711	1720	1	CHP	2	1711.001	-37.07	-13	Pass

Band70_10MHz_QPSK_HCH_1705MHz_RB_50_0_NTNV



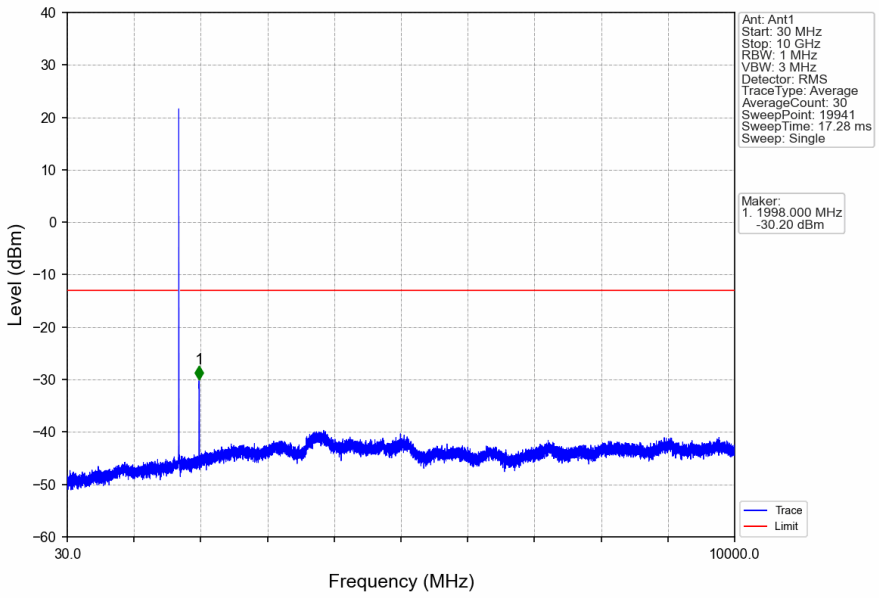
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1710	0.11	/	/	/	/	/	/
1710	1711	0.11	/	1	1710.160	-31.09	-13	Pass
1711	1720	1	CHP	2	1711.020	-29.48	-13	Pass

Band70_10MHz_16QAM_LCH_1700MHz_RB_1_0_NTNV

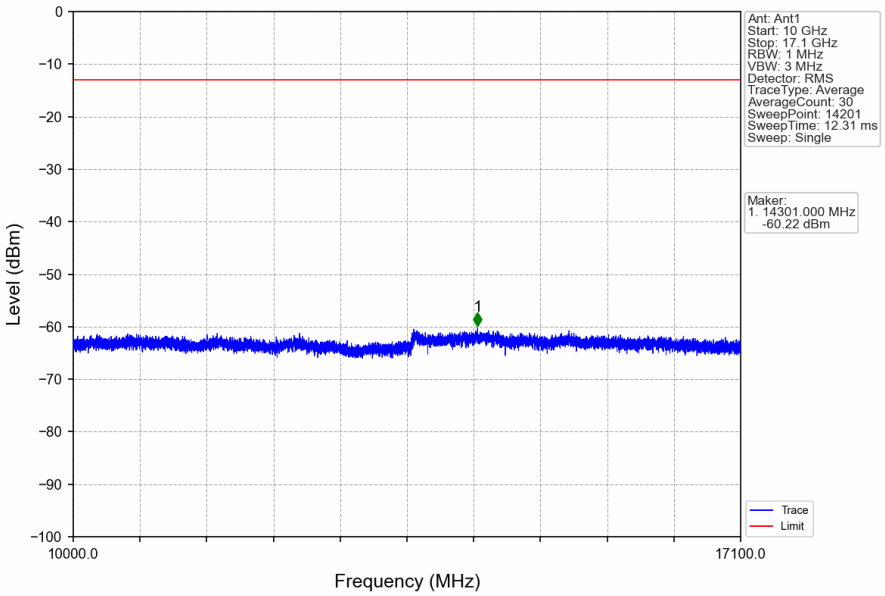


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1685	1694	1	CHP	1	1693.499	-41.67	-13	Pass
1694	1695	0.003	/	2	1694.998	-45.52	-13	Pass
1695	1705	0.003	/	/	/	/	/	/

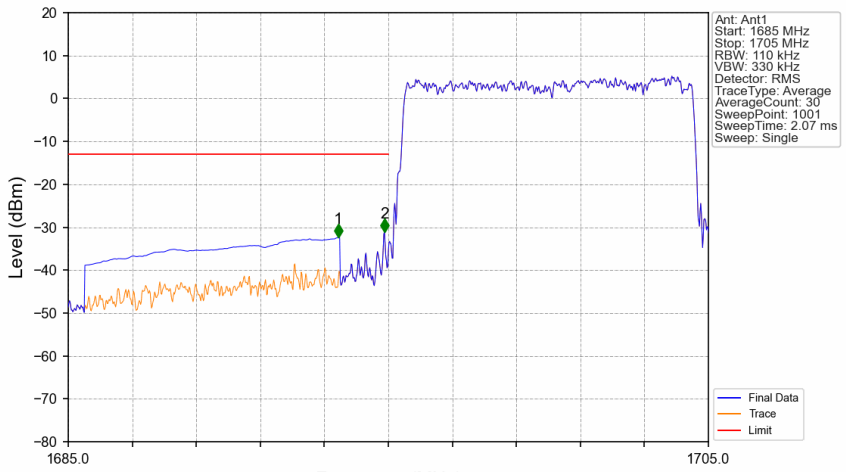
Band70_10MHz_16QAM_LCH_1700MHz_RB_1_0_NTNV



Band70_10MHz_16QAM_LCH_1700MHz_RB_1_0_NTNV

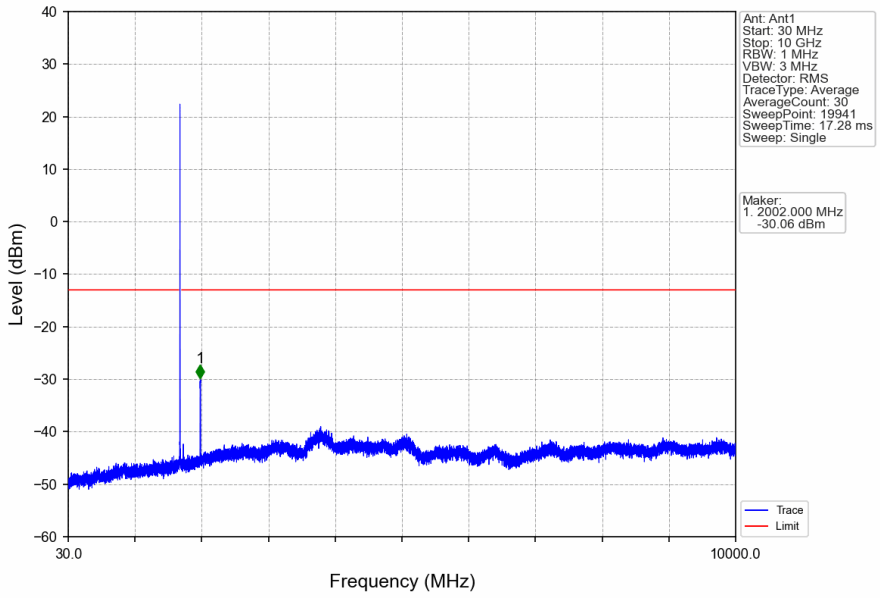


Band70_10MHz_16QAM_LCH_1700MHz_RB_50_0_NTNV

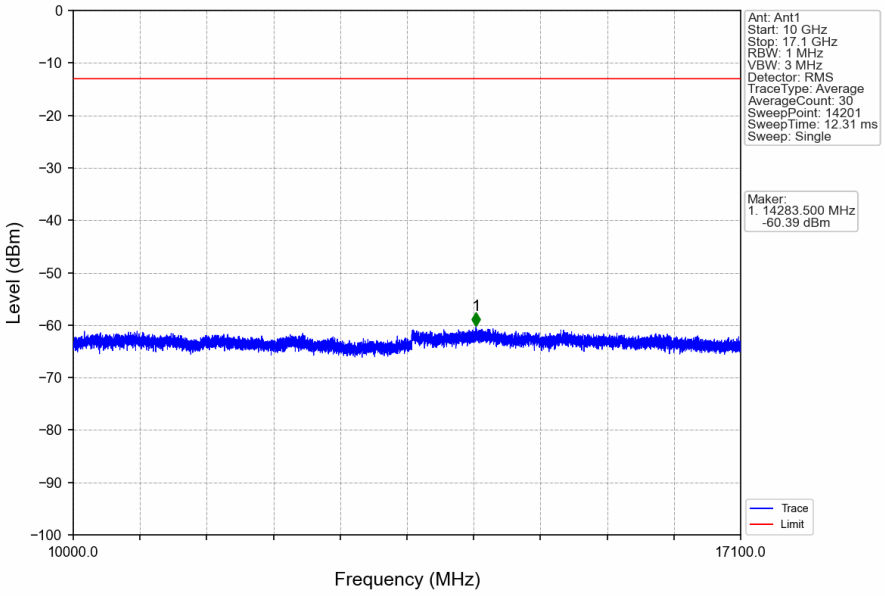


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1685	1694	1	CHP	1	1693.440	-32.45	-13	Pass
1694	1695	0.11	/	2	1694.880	-31.12	-13	Pass
1695	1705	0.11	/	/	/	/	/	/

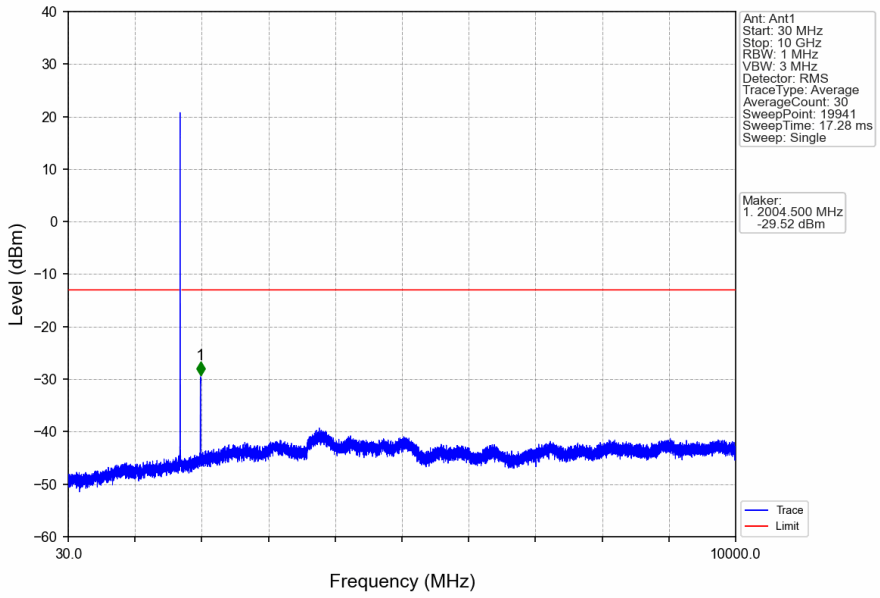
Band70_10MHz_16QAM_MCH_1702.5MHz_RB_1_0_NTNV



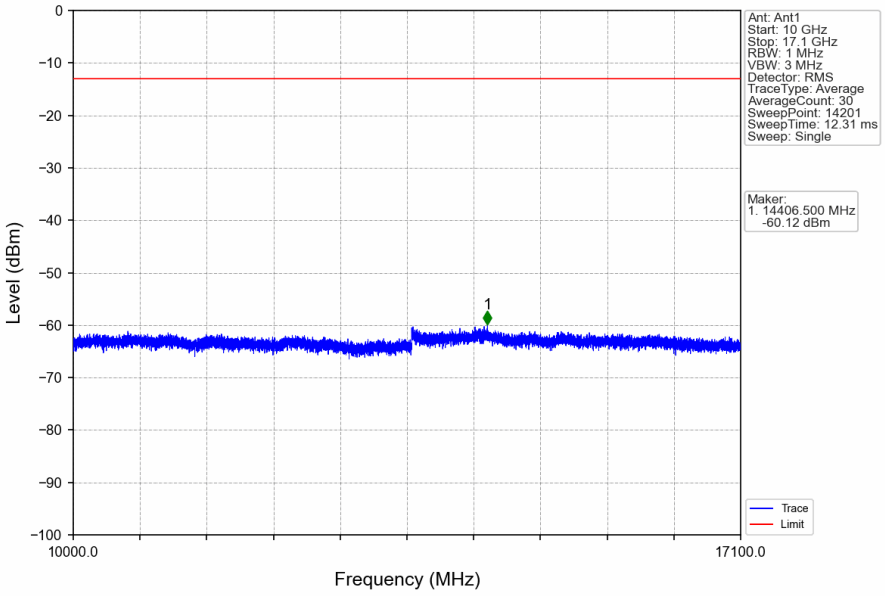
Band70_10MHz_16QAM_MCH_1702.5MHz_RB_1_0_NTNV



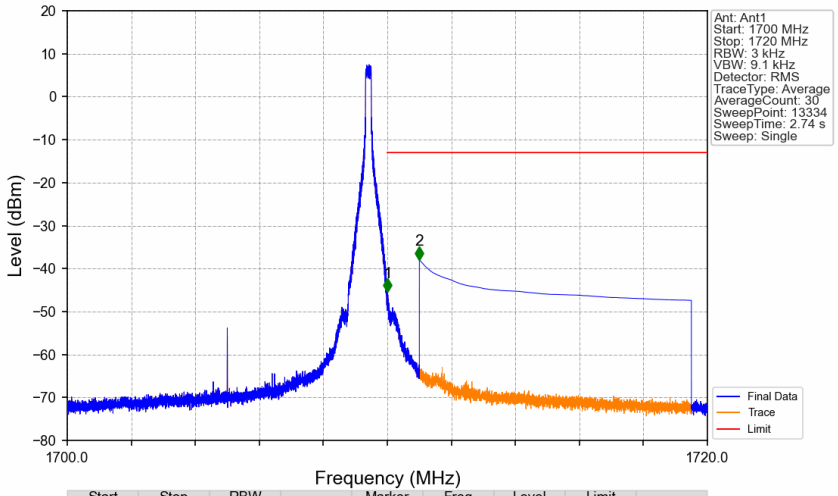
Band70_10MHz_16QAM_HCH_1705MHz_RB_1_0_NTNV



Band70_10MHz_16QAM_HCH_1705MHz_RB_1_0_NTNV

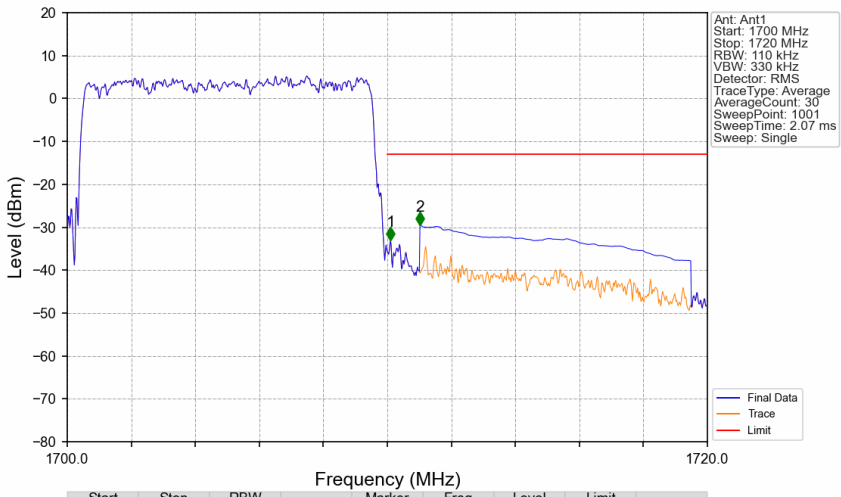


Band70_10MHz_16QAM_HCH_1705MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1710	0.003	/	/	/	/	/	/
1710	1711	0.003	/	1	1710.002	-45.39	-13	Pass
1711	1720	1	CHP	2	1711.001	-37.93	-13	Pass

Band70_10MHz_16QAM_HCH_1705MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1710	0.11	/	/	/	/	/	/
1710	1711	0.11	/	1	1710.100	-33.08	-13	Pass
1711	1720	1	CHP	2	1711.020	-29.55	-13	Pass

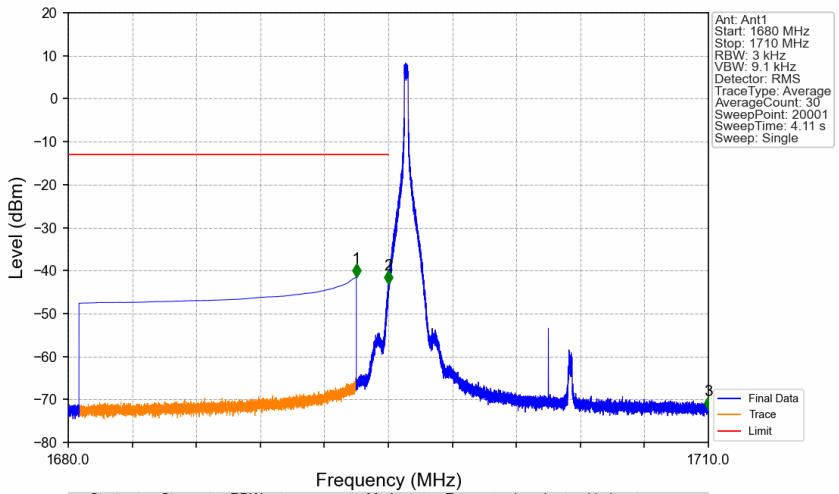
5.3 B70_15MHz

5.3.1 Test Result

Band: 70 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1702.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1702.5	1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1702.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1702.5	1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

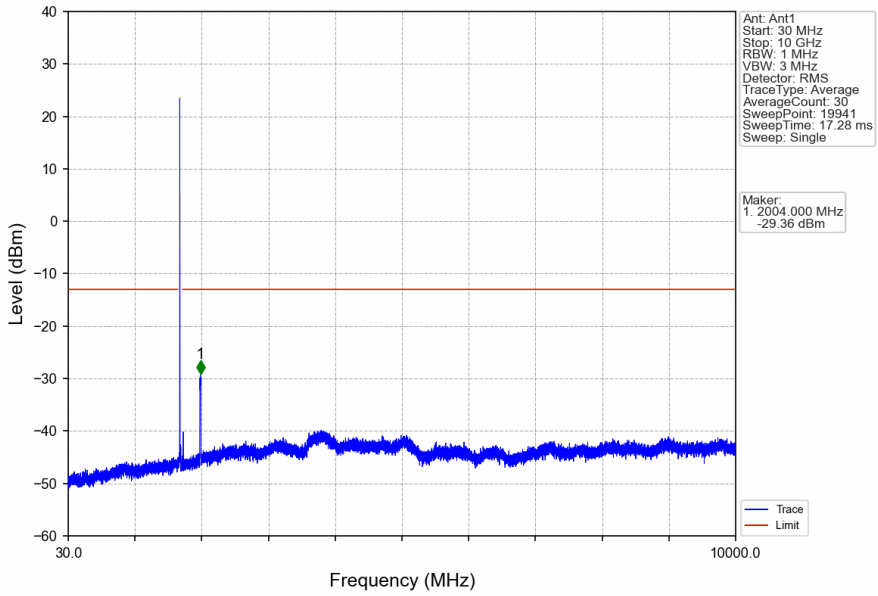
5.3.2 Test Graph

Band70_15MHz_QPSK_LCH_1702.5MHz_RB_1_0_NTNV

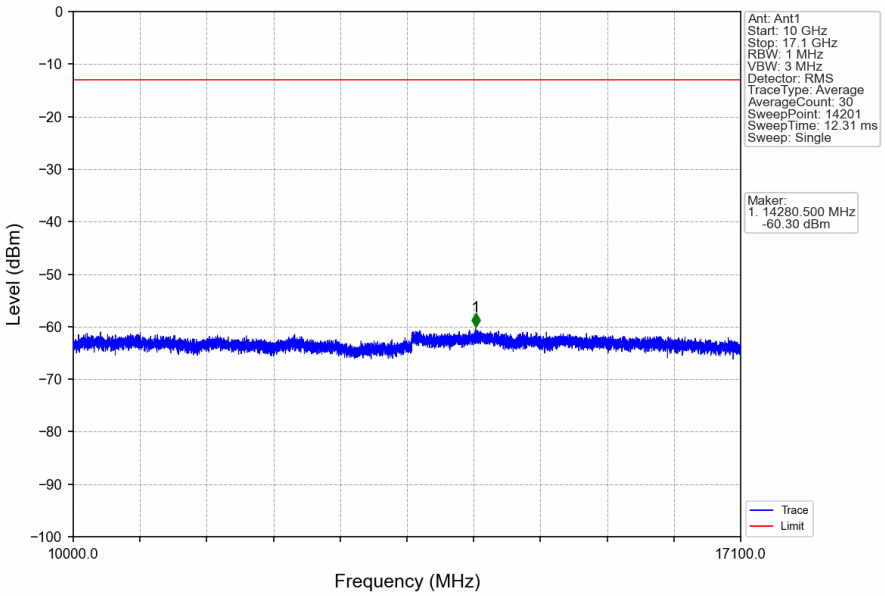


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1680	1694	1	CHP	1	1693.498	-41.58	-13	Pass
1694	1695	0.003	/	2	1694.994	-43.14	-13	Pass
1695	1710	0.003	/	3	1710.000	-72.37	-13	Pass

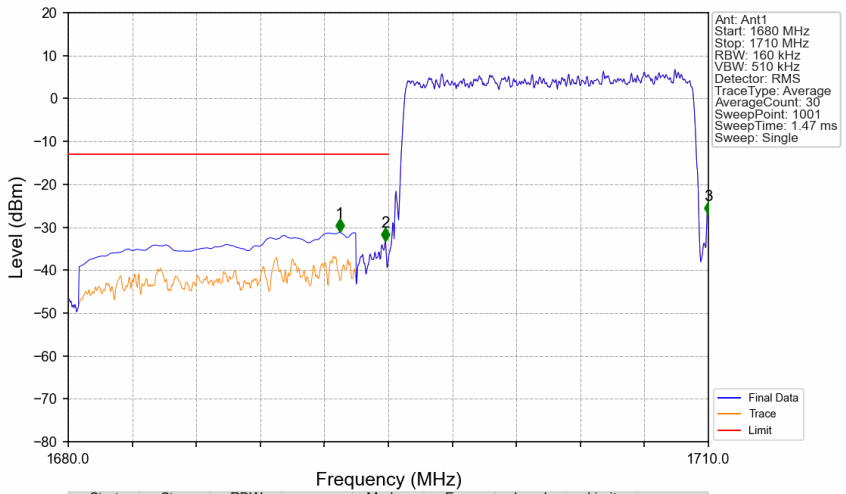
Band70_15MHz_QPSK_LCH_1702.5MHz_RB_1_0_NTNV



Band70_15MHz_QPSK_LCH_1702.5MHz_RB_1_0_NTNV

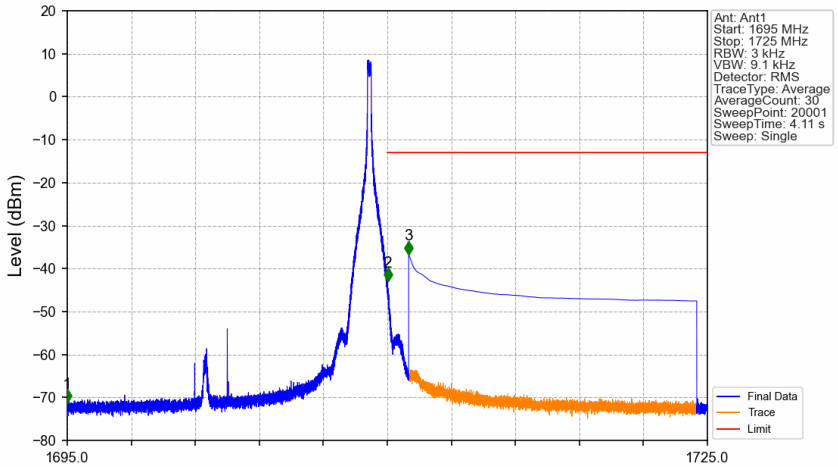


Band70_15MHz_QPSK_LCH_1702.5MHz_RB_75_0_NTNV



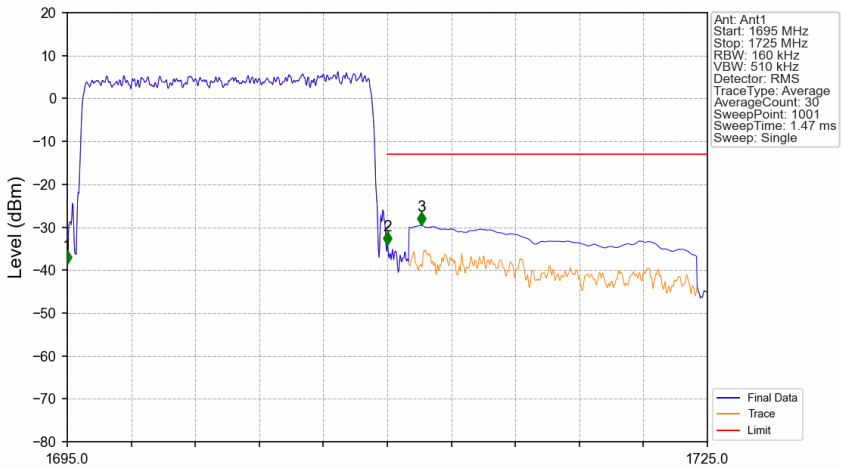
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1680	1694	1	CHP	1	1692.720	-31.19	-13	Pass
1694	1695	0.16	/	2	1694.850	-33.24	-13	Pass
1695	1710	0.16	/	3	1710.000	-27.13	-13	Pass

Band70_15MHz_QPSK_HCH_1702.5MHz_RB_1_74_NTNV



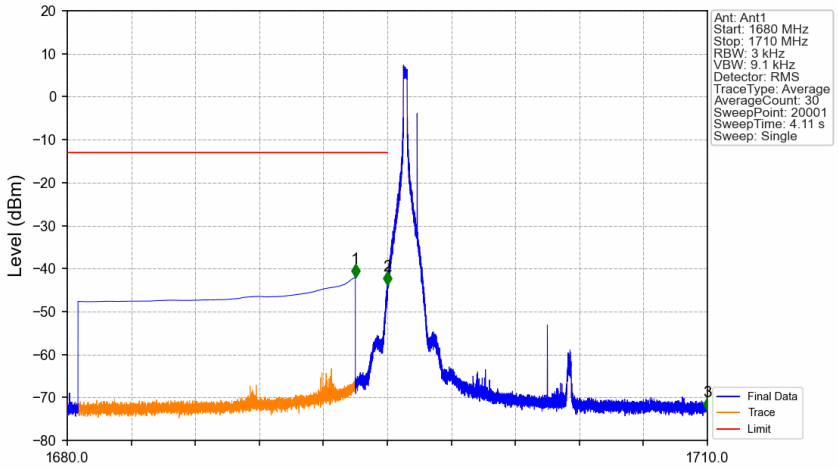
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1710	0.003	/	1	1695.000	-71.13	-13	Pass
1710	1710	0.003	/	/	/	/	/	/
1710	1711	0.003	/	2	1710.018	-42.99	-13	Pass
1711	1725	1	CHP	3	1711.001	-36.72	-13	Pass

Band70_15MHz_QPSK_HCH_1702.5MHz_RB_75_0_NTNV



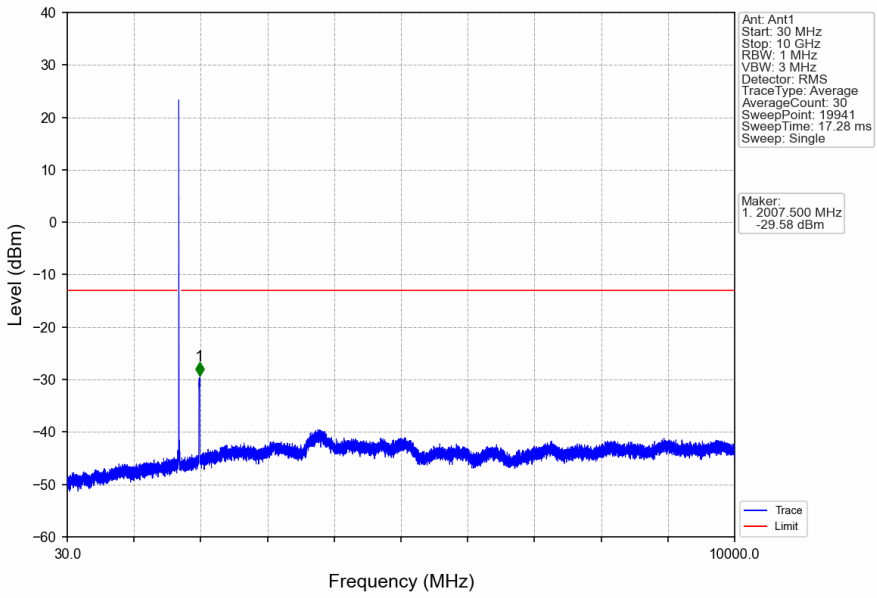
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1710	0.16	/	1	1695.000	-38.63	-13	Pass
1710	1710	0.16	/	/	/	/	/	/
1710	1711	0.16	/	2	1710.000	-34.14	-13	Pass
1711	1725	1	CHP	3	1711.590	-29.57	-13	Pass

Band70_15MHz_16QAM_LCH_1702.5MHz_RB_1_0_NTNV

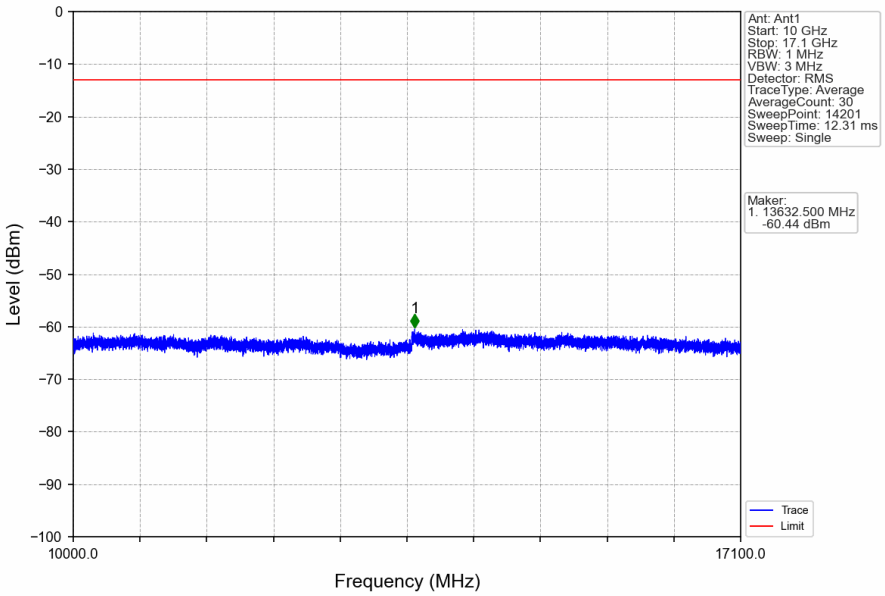


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1680	1694	1	CHP	1	1693.497	-42.08	-13	Pass
1694	1695	0.003	/	2	1694.995	-43.91	-13	Pass
1695	1710	0.003	/	3	1710.000	-73.19	-13	Pass

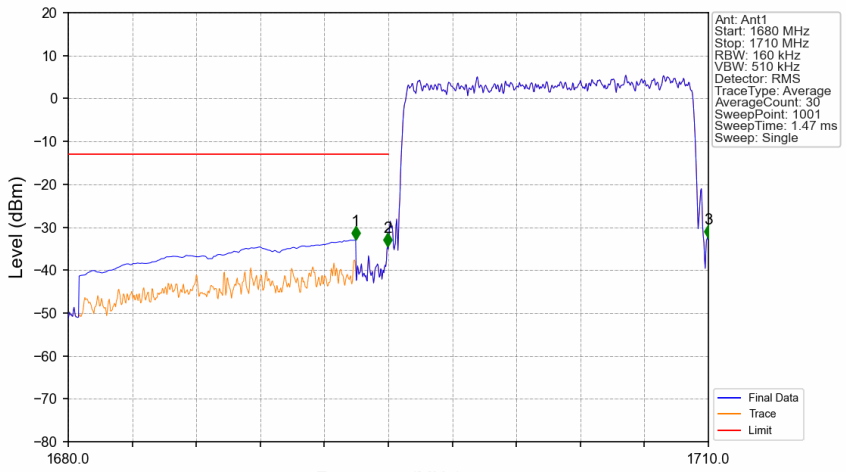
Band70_15MHz_16QAM_LCH_1702.5MHz_RB_1_0_NTNV



Band70_15MHz_16QAM_LCH_1702.5MHz_RB_1_0_NTNV

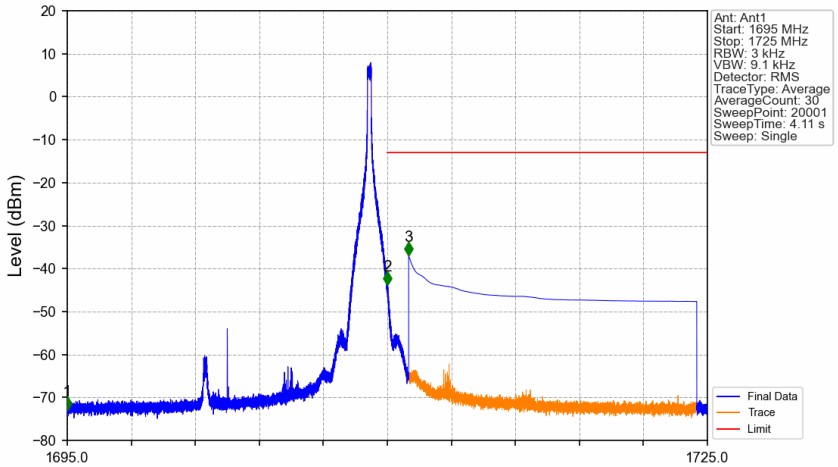


Band70_15MHz_16QAM_LCH_1702.5MHz_RB_75_0_NTNV



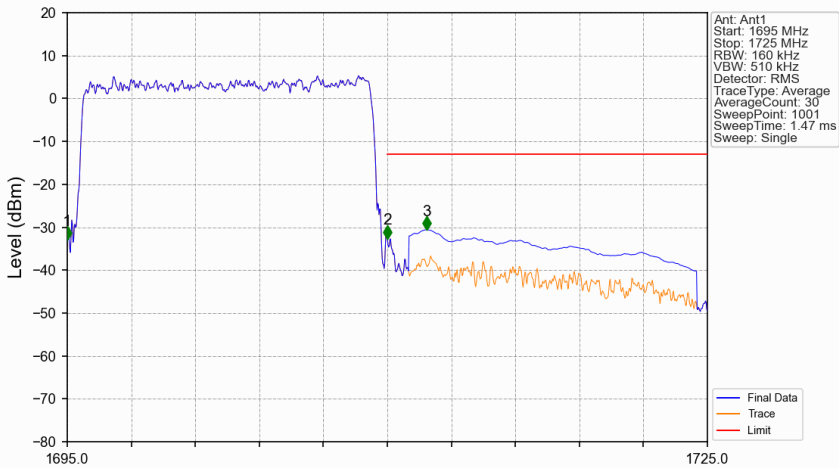
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1680	1694	1	CHP	1	1693.470	-32.97	-13	Pass
1694	1695	0.16	/	2	1694.970	-34.46	-13	Pass
1695	1710	0.16	/	3	1710.000	-32.59	-13	Pass

Band70_15MHz_16QAM_HCH_1702.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1710	0.003	/	1	1695.000	-73.00	-13	Pass
1710	1710	0.003	/	/	/	/	/	/
1710	1711	0.003	/	2	1710.003	-43.83	-13	Pass
1711	1725	1	CHP	3	1711.001	-37.02	-13	Pass

Band70_15MHz_16QAM_HCH_1702.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1710	0.16	/	1	1695.000	-32.95	-13	Pass
1710	1710	0.16	/	/	/	/	/	/
1710	1711	0.16	/	2	1710.000	-32.67	-13	Pass
1711	1725	1	CHP	3	1711.830	-30.59	-13	Pass