1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B17_5MHz_ERP

Band: 17 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	706.5	1	0	23.99	-6.50	15.34	<=34.77	Pass
			13	23.84	-6.50	15.19	<=34.77	Pass
			24	23.78	-6.50	15.13	<=34.77	Pass
		12	0	22.94	-6.50	14.29	<=34.77	Pass
			6	22.82	-6.50	14.17	<=34.77	Pass
			13	22.90	-6.50	14.25	<=34.77	Pass
		25	0	22.87	-6.50	14.22	<=34.77	Pass
	710	1	0	23.94	-6.50	15.29	<=34.77	Pass
			13	23.92	-6.50	15.27	<=34.77	Pass
			24	23.76	-6.50	15.11	<=34.77	Pass
		12	0	22.97	-6.50	14.32	<=34.77	Pass
			6	22.87	-6.50	14.22	<=34.77	Pass
			13	22.86	-6.50	14.21	<=34.77	Pass
		25	0	22.91	-6.50	14.26	<=34.77	Pass
	713.5	1	0	23.74	-6.50	15.09	<=34.77	Pass
			13	23.71	-6.50	15.06	<=34.77	Pass
			24	23.53	-6.50	14.88	<=34.77	Pass
		12	0	22.80	-6.50	14.15	<=34.77	Pass
			6	22.78	-6.50	14.13	<=34.77	Pass
			13	22.84	-6.50	14.19	<=34.77	Pass
		25	0	22.77	-6.50	14.12	<=34.77	Pass
16QAM	706.5	1	0	22.79	-6.50	14.14	<=34.77	Pass
			13	22.79	-6.50	14.14	<=34.77	Pass
			24	22.93	-6.50	14.28	<=34.77	Pass
		12	0	21.94	-6.50	13.29	<=34.77	Pass
			6	21.94	-6.50	13.29	<=34.77	Pass
			13	21.88	-6.50	13.23	<=34.77	Pass
		25	0	21.94	-6.50	13.29	<=34.77	Pass
	710	1	0	22.05	-6.50	13.40	<=34.77	Pass
			13	22.06	-6.50	13.41	<=34.77	Pass
			24	21.87	-6.50	13.22	<=34.77	Pass
		12	0	21.69	-6.50	13.04	<=34.77	Pass
			6	21.92	-6.50	13.27	<=34.77	Pass
			13	21.69	-6.50	13.04	<=34.77	Pass
		25	0	21.90	-6.50	13.25	<=34.77	Pass
	713.5	1	0	22.69	-6.50	14.04	<=34.77	Pass
			13	22.78	-6.50	14.13	<=34.77	Pass
			24	22.90	-6.50	14.25	<=34.77	Pass
		12	0	21.73	-6.50	13.08	<=34.77	Pass
			6	21.88	-6.50	13.23	<=34.77	Pass
			13	21.84	-6.50	13.19	<=34.77	Pass
		25	0	21.92	-6.50	13.27	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B17_10MHz_ERP

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band: 17 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	709	1	0	23.93	-6.50	15.28	<=34.77	Pass
			25	23.82	-6.50	15.17	<=34.77	Pass
			49	23.86	-6.50	15.21	<=34.77	Pass
		25	0	22.95	-6.50	14.30	<=34.77	Pass
			13	22.89	-6.50	14.24	<=34.77	Pass
			25	22.76	-6.50	14.11	<=34.77	Pass
		50	0	22.84	-6.50	14.19	<=34.77	Pass
	710	1	0	23.86	-6.50	15.21	<=34.77	Pass
			25	23.87	-6.50	15.22	<=34.77	Pass
			49	23.84	-6.50	15.19	<=34.77	Pass
		25	0	22.88	-6.50	14.23	<=34.77	Pass
			13	22.85	-6.50	14.20	<=34.77	Pass
			25	22.69	-6.50	14.04	<=34.77	Pass
		50	0	22.87	-6.50	14.22	<=34.77	Pass
	711	1	0	23.73	-6.50	15.08	<=34.77	Pass
			25	23.78	-6.50	15.13	<=34.77	Pass
			49	23.67	-6.50	15.02	<=34.77	Pass
		25	0	22.90	-6.50	14.25	<=34.77	Pass
			13	22.89	-6.50	14.24	<=34.77	Pass
			25	22.80	-6.50	14.15	<=34.77	Pass
		50	0	22.85	-6.50	14.20	<=34.77	Pass
16QAM	709	1	0	22.47	-6.50	13.82	<=34.77	Pass
			25	22.54	-6.50	13.89	<=34.77	Pass
			49	22.49	-6.50	13.84	<=34.77	Pass
		25	0	21.97	-6.50	13.32	<=34.77	Pass
			13	21.91	-6.50	13.26	<=34.77	Pass
			25	21.93	-6.50	13.28	<=34.77	Pass
		50	0	21.78	-6.50	13.13	<=34.77	Pass
	710	1	0	22.93	-6.50	14.28	<=34.77	Pass
			25	23.00	-6.50	14.35	<=34.77	Pass
			49	22.85	-6.50	14.20	<=34.77	Pass
		25	0	21.82	-6.50	13.17	<=34.77	Pass
			13	21.95	-6.50	13.30	<=34.77	Pass
			25	21.78	-6.50	13.13	<=34.77	Pass
		50	0	21.90	-6.50	13.25	<=34.77	Pass
	711	1	0	23.21	-6.50	14.56	<=34.77	Pass
			25	23.26	-6.50	14.61	<=34.77	Pass
			49	23.27	-6.50	14.62	<=34.77	Pass
		25	0	21.74	-6.50	13.09	<=34.77	Pass
			13	21.86	-6.50	13.21	<=34.77	Pass
			25	21.88	-6.50	13.23	<=34.77	Pass
		50	0	21.80	-6.50	13.15	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

2. Frequency Stability

2.1 Test Result

2.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

QPSK	706.5	25	0	20	3.27	-36.678	-0.0519	-2.5 to 2.5	Pass
					3.85	-28.510	-0.0404	-2.5 to 2.5	Pass
					4.43	-14.977	-0.0212	-2.5 to 2.5	Pass
				-30	3.85	-22.187	-0.0314	-2.5 to 2.5	Pass
				-20	3.85	-21.286	-0.0301	-2.5 to 2.5	Pass
				-10	3.85	-26.550	-0.0376	-2.5 to 2.5	Pass
				0	3.85	-25.692	-0.0364	-2.5 to 2.5	Pass
				10	3.85	-31.543	-0.0446	-2.5 to 2.5	Pass
				30	3.85	-38.910	-0.0551	-2.5 to 2.5	Pass
				40	3.85	-36.507	-0.0517	-2.5 to 2.5	Pass
				50	3.85	-23.689	-0.0335	-2.5 to 2.5	Pass
	710	25	0	20	3.27	2.961	0.0042	-2.5 to 2.5	Pass
					3.85	-17.953	-0.0253	-2.5 to 2.5	Pass
					4.43	-9.699	-0.0137	-2.5 to 2.5	Pass
				-30	3.85	-37.823	-0.0533	-2.5 to 2.5	Pass
				-20	3.85	-30.756	-0.0433	-2.5 to 2.5	Pass
				-10	3.85	-17.352	-0.0244	-2.5 to 2.5	Pass
				0	3.85	-46.234	-0.0651	-2.5 to 2.5	Pass
				10	3.85	-32.043	-0.0451	-2.5 to 2.5	Pass
				30	3.85	-6.967	-0.0098	-2.5 to 2.5	Pass
				40	3.85	-30.684	-0.0432	-2.5 to 2.5	Pass
				50	3.85	-1.945	-0.0027	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	9.069	0.0127	-2.5 to 2.5	Pass
					3.85	0.844	0.0012	-2.5 to 2.5	Pass
					4.43	-26.236	-0.0368	-2.5 to 2.5	Pass
				-30	3.85	-3.061	-0.0043	-2.5 to 2.5	Pass
				-20	3.85	-26.550	-0.0372	-2.5 to 2.5	Pass
				-10	3.85	-26.922	-0.0377	-2.5 to 2.5	Pass
				0	3.85	-11.902	-0.0167	-2.5 to 2.5	Pass
				10	3.85	-26.908	-0.0377	-2.5 to 2.5	Pass
				30	3.85	-44.174	-0.0619	-2.5 to 2.5	Pass
				40	3.85	-15.607	-0.0219	-2.5 to 2.5	Pass
				50	3.85	-30.355	-0.0425	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-20.099	-0.0284	-2.5 to 2.5	Pass
					3.85	-1.445	-0.0020	-2.5 to 2.5	Pass
					4.43	-23.532	-0.0333	-2.5 to 2.5	Pass
				-30	3.85	-42.744	-0.0605	-2.5 to 2.5	Pass
				-20	3.85	-12.531	-0.0177	-2.5 to 2.5	Pass
				-10	3.85	-33.259	-0.0471	-2.5 to 2.5	Pass
				0	3.85	-0.987	-0.0014	-2.5 to 2.5	Pass
				10	3.85	-17.867	-0.0253	-2.5 to 2.5	Pass
				30	3.85	-32.616	-0.0462	-2.5 to 2.5	Pass
				40	3.85	-4.234	-0.0060	-2.5 to 2.5	Pass
				50	3.85	-19.526	-0.0276	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-16.479	-0.0232	-2.5 to 2.5	Pass
					3.85	-30.341	-0.0427	-2.5 to 2.5	Pass
					4.43	-40.426	-0.0569	-2.5 to 2.5	Pass
				-30	3.85	-3.233	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-11.230	-0.0158	-2.5 to 2.5	Pass
				-10	3.85	-20.013	-0.0282	-2.5 to 2.5	Pass
				0	3.85	-28.853	-0.0406	-2.5 to 2.5	Pass
				10	3.85	-38.667	-0.0545	-2.5 to 2.5	Pass
				30	3.85	-47.665	-0.0671	-2.5 to 2.5	Pass
				40	3.85	-6.423	-0.0090	-2.5 to 2.5	Pass
				50	3.85	-17.080	-0.0241	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-45.834	-0.0642	-2.5 to 2.5	Pass
					3.85	-2.346	-0.0033	-2.5 to 2.5	Pass
					4.43	-8.855	-0.0124	-2.5 to 2.5	Pass
				-30	3.85	-13.647	-0.0191	-2.5 to 2.5	Pass

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

				-20	3.85	-16.894	-0.0237	-2.5 to 2.5	Pass
				-10	3.85	-21.486	-0.0301	-2.5 to 2.5	Pass
				0	3.85	-26.321	-0.0369	-2.5 to 2.5	Pass
				10	3.85	-31.085	-0.0436	-2.5 to 2.5	Pass
				30	3.85	-36.936	-0.0518	-2.5 to 2.5	Pass
				40	3.85	-42.586	-0.0597	-2.5 to 2.5	Pass
				50	3.85	-6.781	-0.0095	-2.5 to 2.5	Pass

2.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	709	50	0	20	3.27	-1.731	-0.0024	-2.5 to 2.5	Pass
					3.85	-35.920	-0.0507	-2.5 to 2.5	Pass
					4.43	-31.800	-0.0449	-2.5 to 2.5	Pass
				-30	3.85	-11.902	-0.0168	-2.5 to 2.5	Pass
				-20	3.85	-14.133	-0.0199	-2.5 to 2.5	Pass
				-10	3.85	-7.710	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-42.801	-0.0604	-2.5 to 2.5	Pass
				10	3.85	-24.505	-0.0346	-2.5 to 2.5	Pass
				30	3.85	-8.483	-0.0120	-2.5 to 2.5	Pass
				40	3.85	-29.268	-0.0413	-2.5 to 2.5	Pass
				50	3.85	-46.678	-0.0658	-2.5 to 2.5	Pass
	710	50	0	20	3.27	9.398	0.0132	-2.5 to 2.5	Pass
					3.85	-0.644	-0.0009	-2.5 to 2.5	Pass
					4.43	-23.575	-0.0332	-2.5 to 2.5	Pass
				-30	3.85	-44.131	-0.0622	-2.5 to 2.5	Pass
				-20	3.85	-15.235	-0.0215	-2.5 to 2.5	Pass
				-10	3.85	-35.548	-0.0501	-2.5 to 2.5	Pass
				0	3.85	-6.566	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-19.555	-0.0275	-2.5 to 2.5	Pass
				30	3.85	-33.545	-0.0472	-2.5 to 2.5	Pass
				40	3.85	-45.934	-0.0647	-2.5 to 2.5	Pass
				50	3.85	-8.097	-0.0114	-2.5 to 2.5	Pass
	711	50	0	20	3.27	7.524	0.0106	-2.5 to 2.5	Pass
					3.85	-0.029	0.0000	-2.5 to 2.5	Pass
					4.43	-23.403	-0.0329	-2.5 to 2.5	Pass
				-30	3.85	-41.971	-0.0590	-2.5 to 2.5	Pass
				-20	3.85	-3.777	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-16.265	-0.0229	-2.5 to 2.5	Pass
				0	3.85	-27.323	-0.0384	-2.5 to 2.5	Pass
				10	3.85	-38.610	-0.0543	-2.5 to 2.5	Pass
				30	3.85	-38.109	-0.0536	-2.5 to 2.5	Pass
				40	3.85	-6.695	-0.0094	-2.5 to 2.5	Pass
				50	3.85	-15.349	-0.0216	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-10.071	-0.0142	-2.5 to 2.5	Pass
					3.85	-11.773	-0.0166	-2.5 to 2.5	Pass
					4.43	-11.730	-0.0165	-2.5 to 2.5	Pass
				-30	3.85	-12.631	-0.0178	-2.5 to 2.5	Pass
				-20	3.85	-15.135	-0.0213	-2.5 to 2.5	Pass
				-10	3.85	-19.541	-0.0276	-2.5 to 2.5	Pass
				0	3.85	-24.791	-0.0350	-2.5 to 2.5	Pass
				10	3.85	-30.742	-0.0434	-2.5 to 2.5	Pass
				30	3.85	-34.132	-0.0481	-2.5 to 2.5	Pass
				40	3.85	-39.883	-0.0563	-2.5 to 2.5	Pass
				50	3.85	-45.033	-0.0635	-2.5 to 2.5	Pass

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

	710	50	0	20	3.27	-15.049	-0.0212	-2.5 to 2.5	Pass
					3.85	-13.046	-0.0184	-2.5 to 2.5	Pass
					4.43	-8.368	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-5.507	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-4.950	-0.0070	-2.5 to 2.5	Pass
				-10	3.85	-6.194	-0.0087	-2.5 to 2.5	Pass
				0	3.85	-9.413	-0.0133	-2.5 to 2.5	Pass
				10	3.85	-12.589	-0.0177	-2.5 to 2.5	Pass
				30	3.85	-15.020	-0.0212	-2.5 to 2.5	Pass
				40	3.85	-18.568	-0.0262	-2.5 to 2.5	Pass
				50	3.85	-22.302	-0.0314	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-23.561	-0.0331	-2.5 to 2.5	Pass
					3.85	-21.014	-0.0296	-2.5 to 2.5	Pass
					4.43	-15.035	-0.0211	-2.5 to 2.5	Pass
				-30	3.85	-12.660	-0.0178	-2.5 to 2.5	Pass
				-20	3.85	-11.830	-0.0166	-2.5 to 2.5	Pass
				-10	3.85	-11.888	-0.0167	-2.5 to 2.5	Pass
				0	3.85	-13.690	-0.0193	-2.5 to 2.5	Pass
				10	3.85	-15.421	-0.0217	-2.5 to 2.5	Pass
				30	3.85	-16.208	-0.0228	-2.5 to 2.5	Pass
				40	3.85	-21.329	-0.0300	-2.5 to 2.5	Pass
				50	3.85	-23.932	-0.0337	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

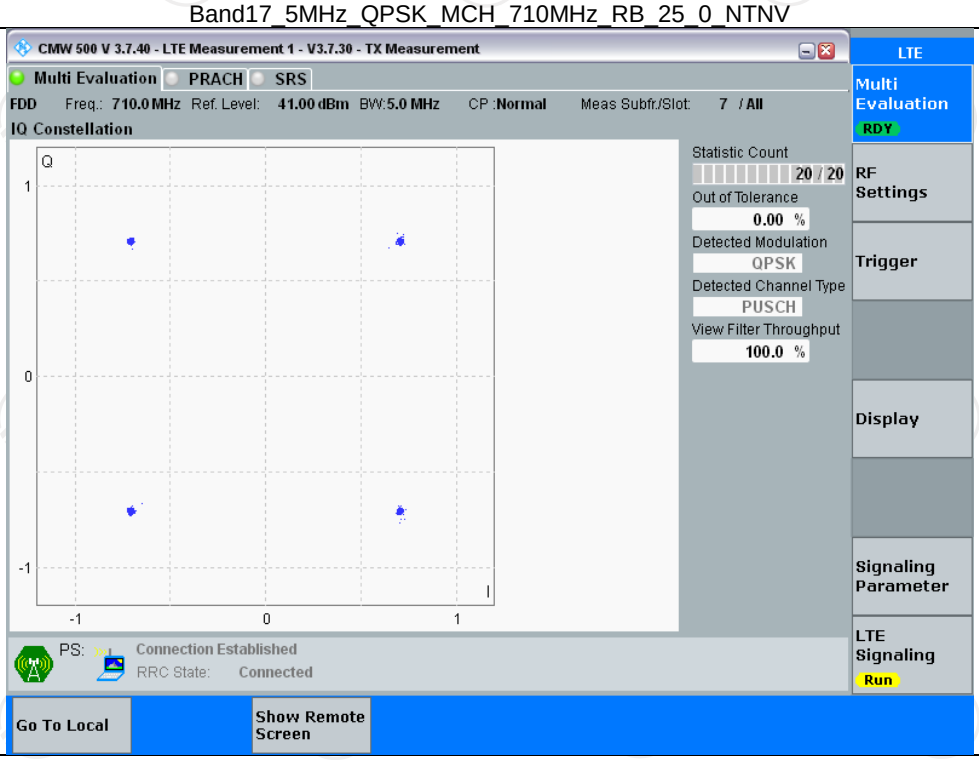
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

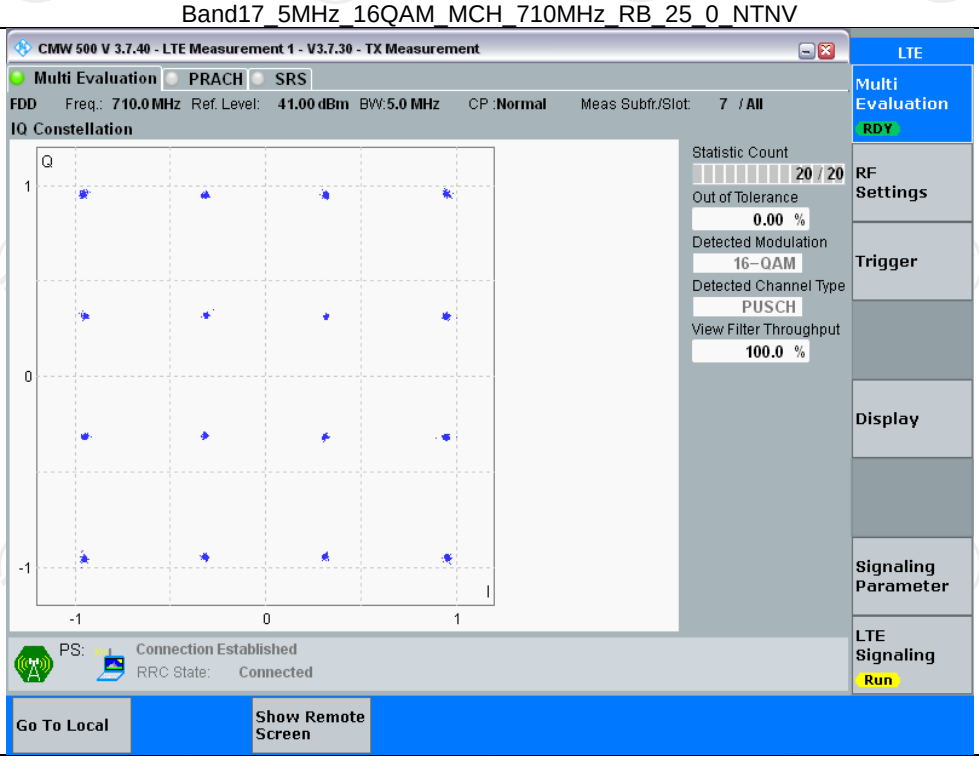
3.2 Test Graph

3.2.1 B17_5MHz

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV

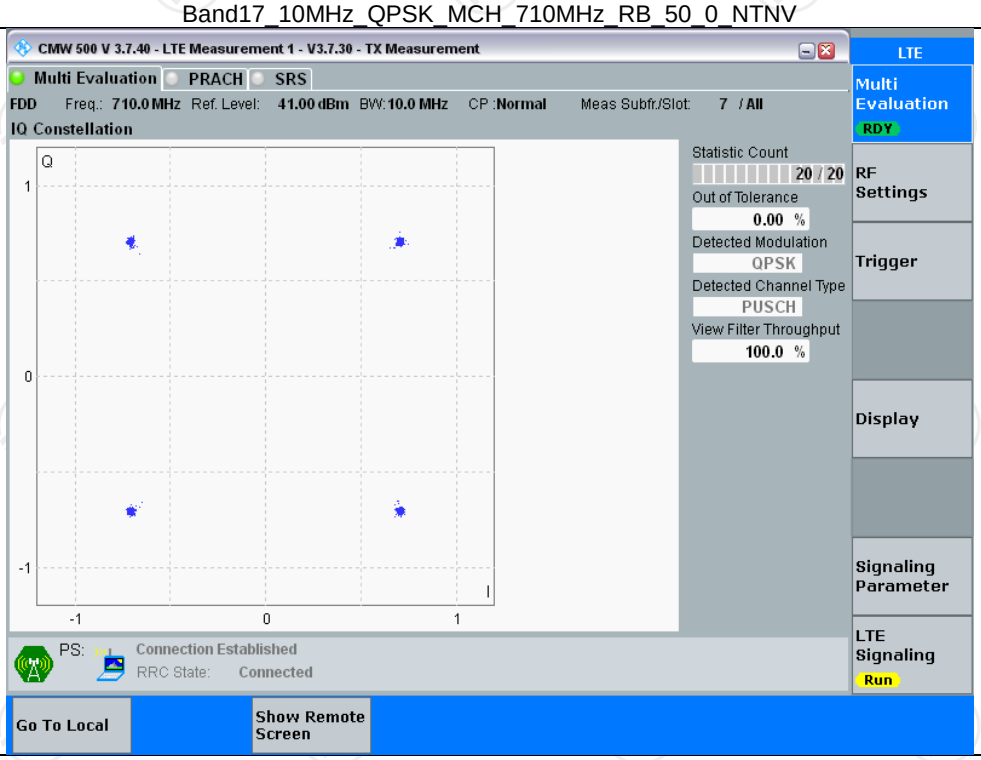


Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

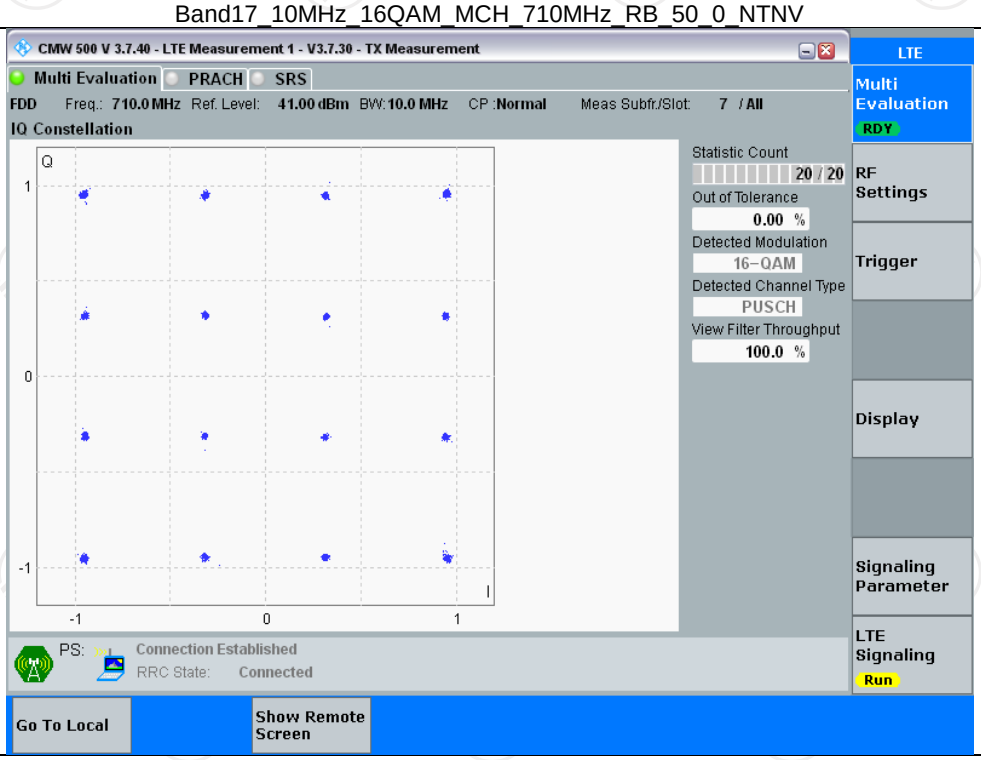


3.2.2 B17_10MHz

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band17_OBW

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.562	/	Pass
		710	25	0	4.557	/	Pass
		713.5	25	0	4.543	/	Pass
	16QAM	706.5	25	0	4.528	/	Pass
		710	25	0	4.553	/	Pass
		713.5	25	0	4.566	/	Pass
10	QPSK	709	50	0	9.090	/	Pass
		710	50	0	9.042	/	Pass
		711	50	0	9.089	/	Pass
	16QAM	709	50	0	9.059	/	Pass
		710	50	0	9.087	/	Pass
		711	50	0	9.104	/	Pass

4.1.2 Band17_XDB

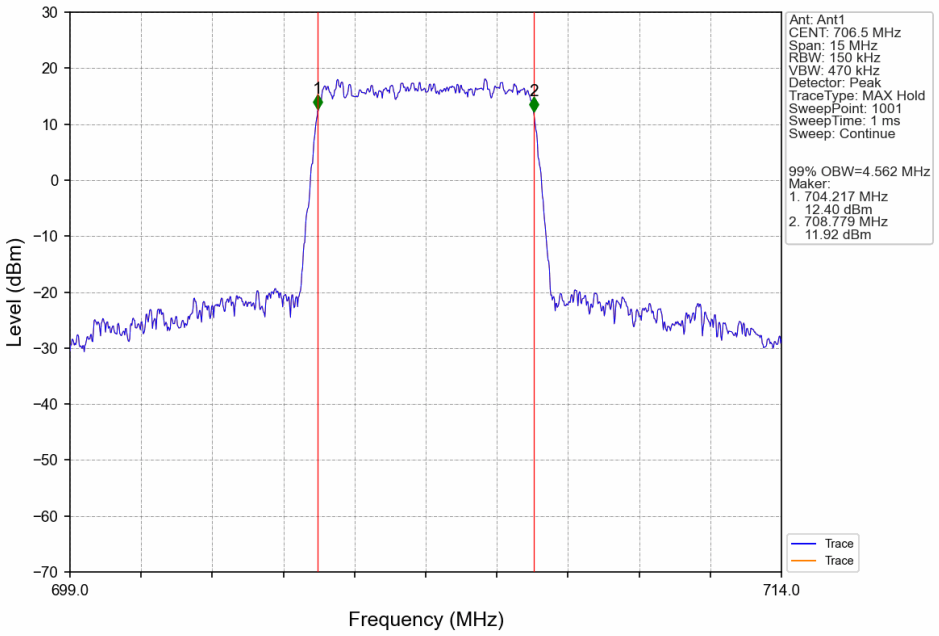
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.048	/	Pass
		710	25	0	5.048	/	Pass
		713.5	25	0	5.042	/	Pass
	16QAM	706.5	25	0	5.060	/	Pass
		710	25	0	5.087	/	Pass
		713.5	25	0	5.073	/	Pass
10	QPSK	709	50	0	10.019	/	Pass
		710	50	0	10.035	/	Pass
		711	50	0	10.020	/	Pass
	16QAM	709	50	0	10.090	/	Pass
		710	50	0	9.991	/	Pass
		711	50	0	10.041	/	Pass

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

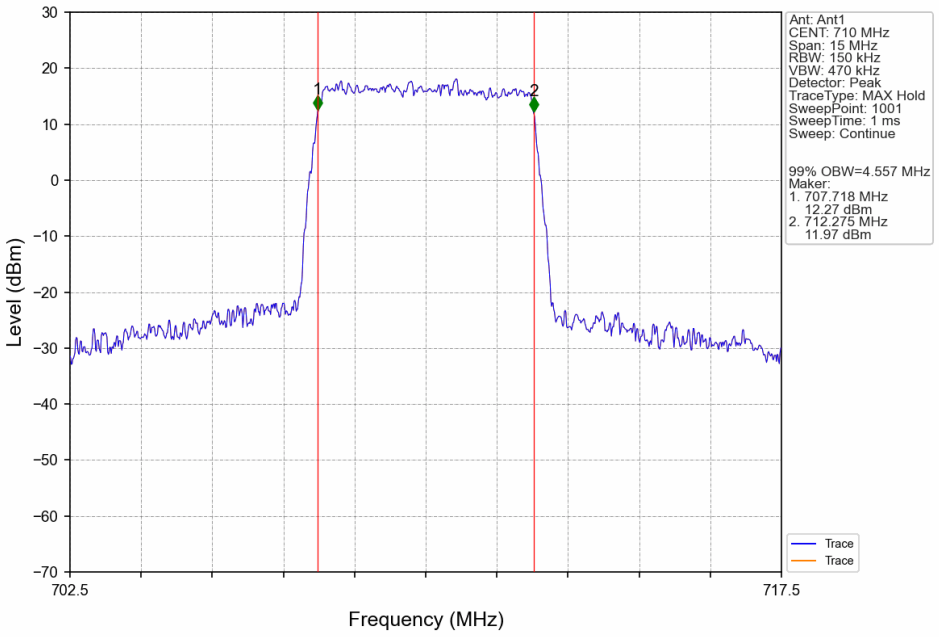
4.2 Test Graph

4.2.1 Band17_OBW

Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

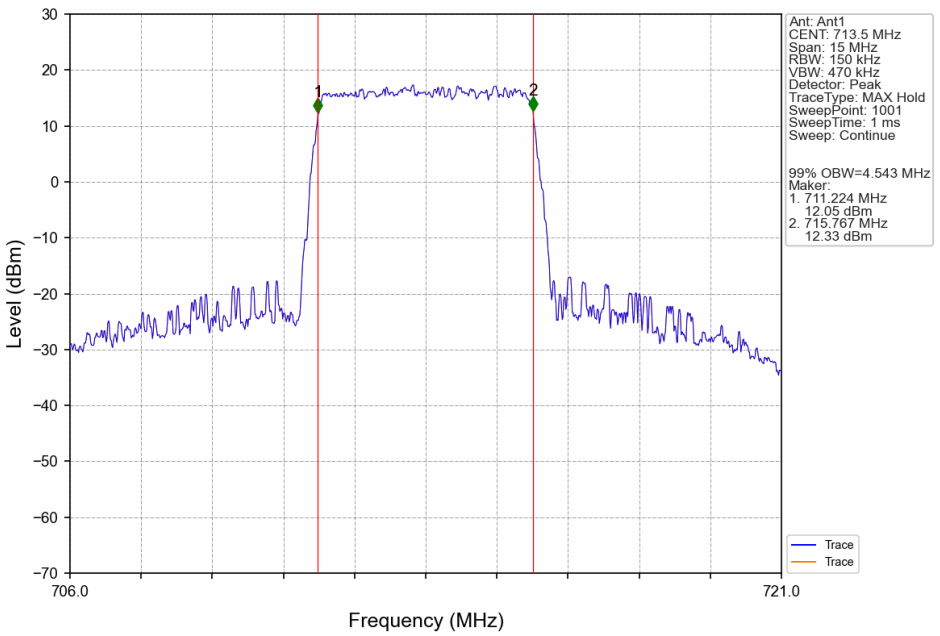


Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV

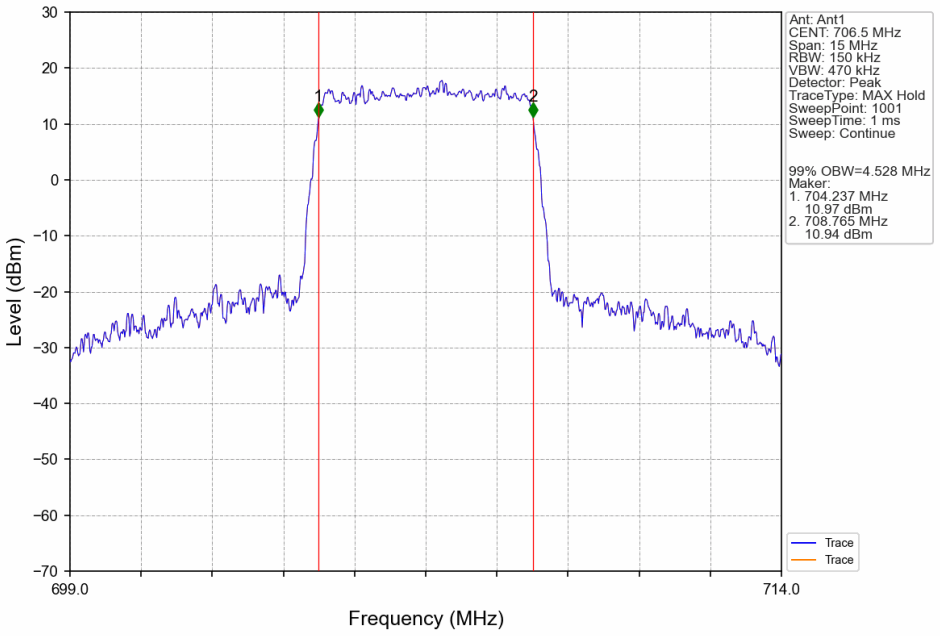


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

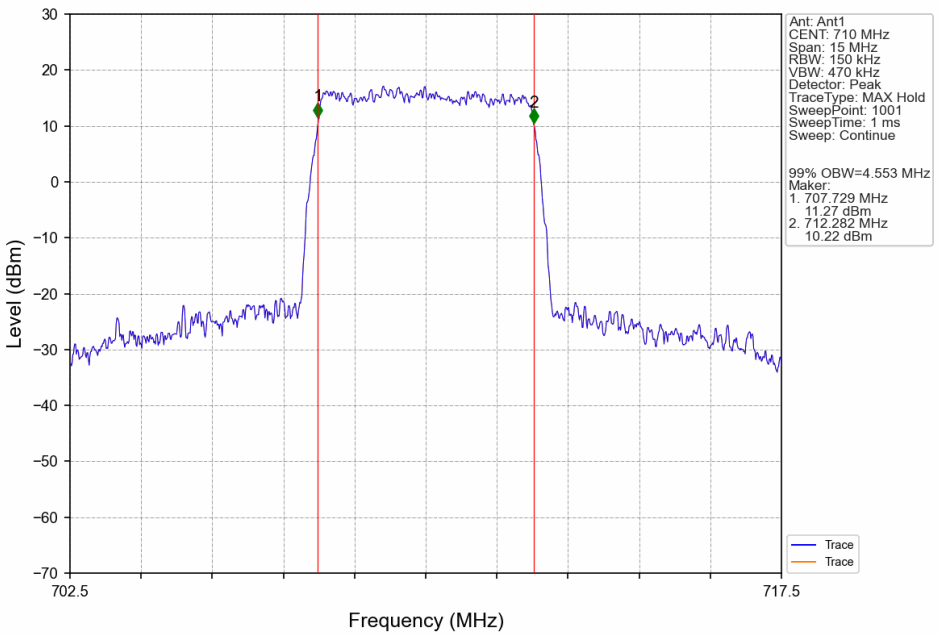
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



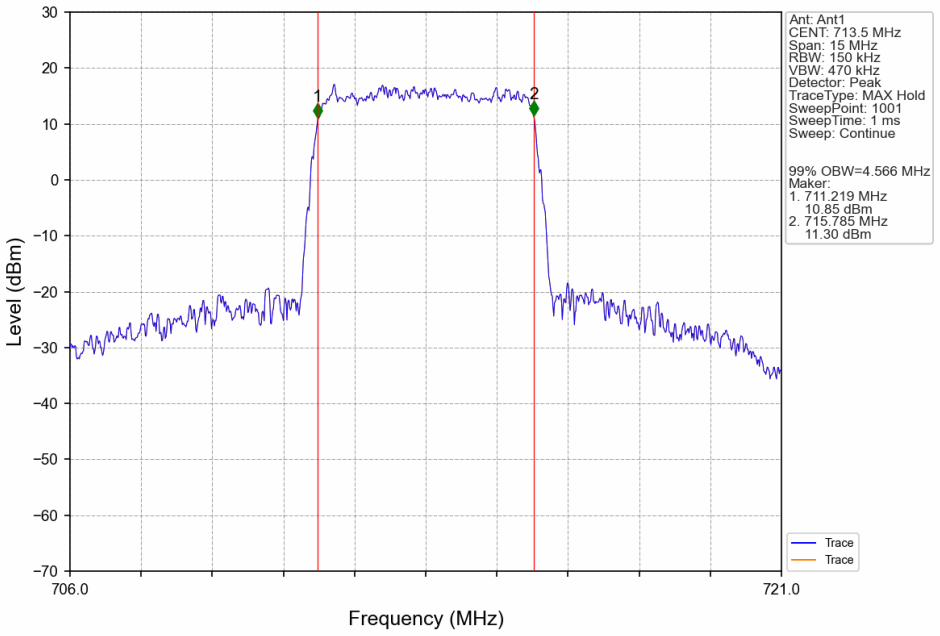
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



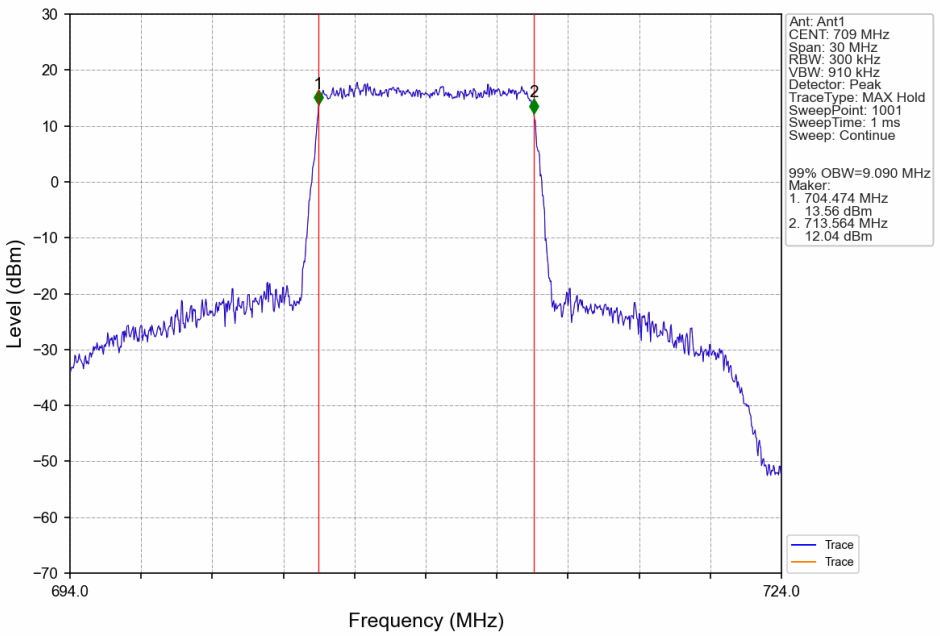
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



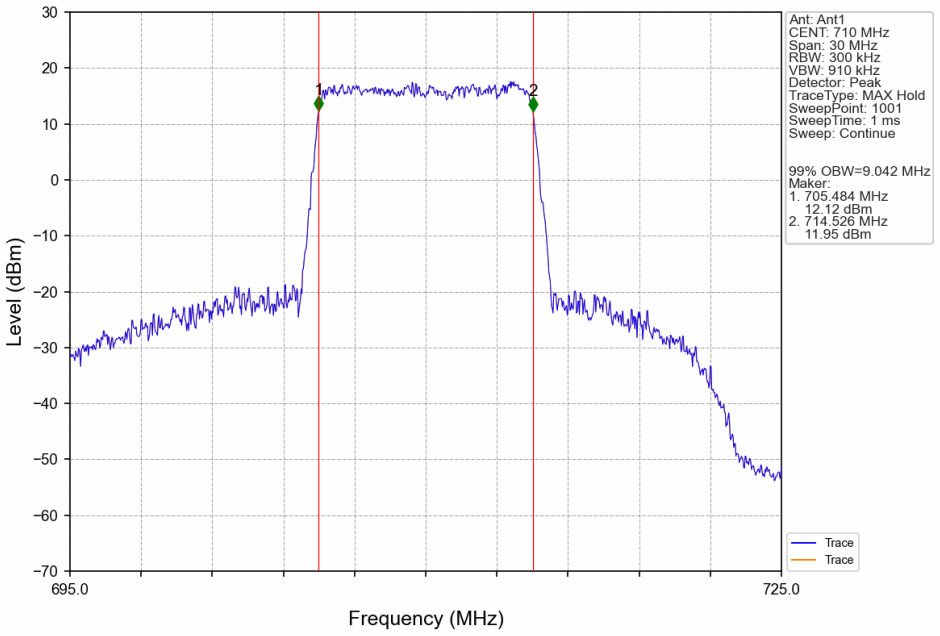
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



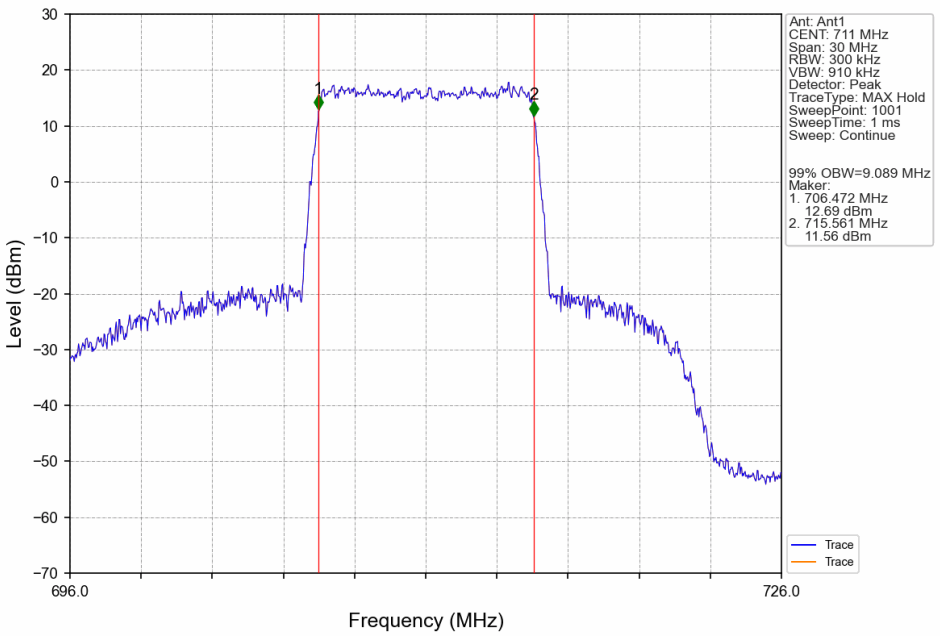
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



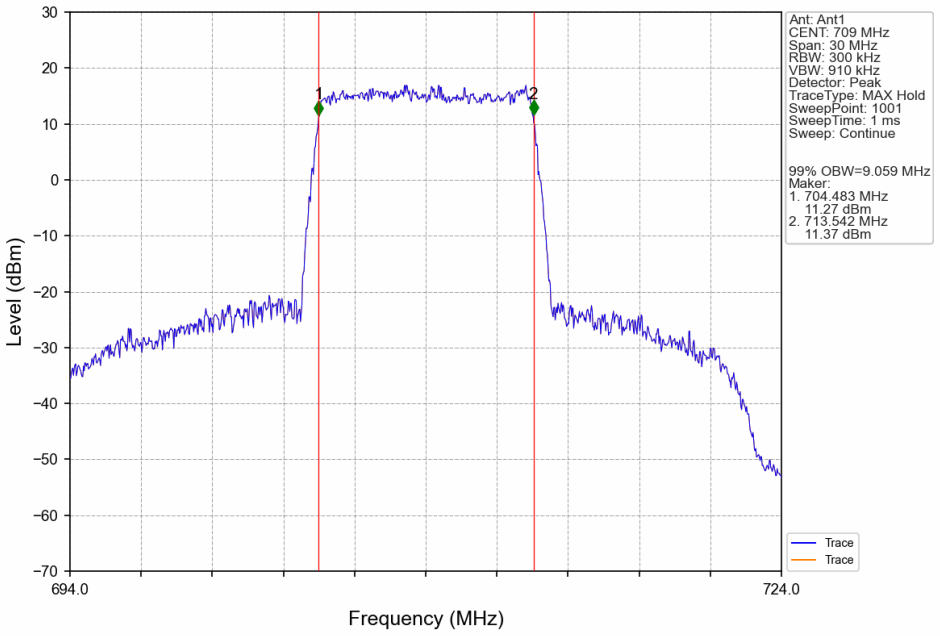
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



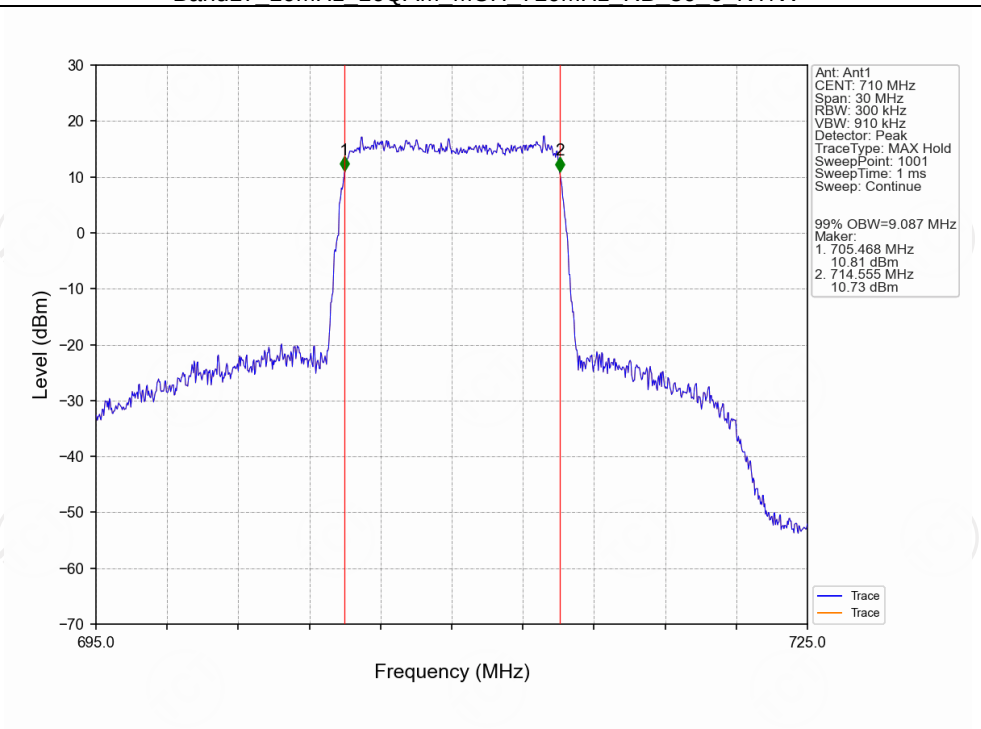
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



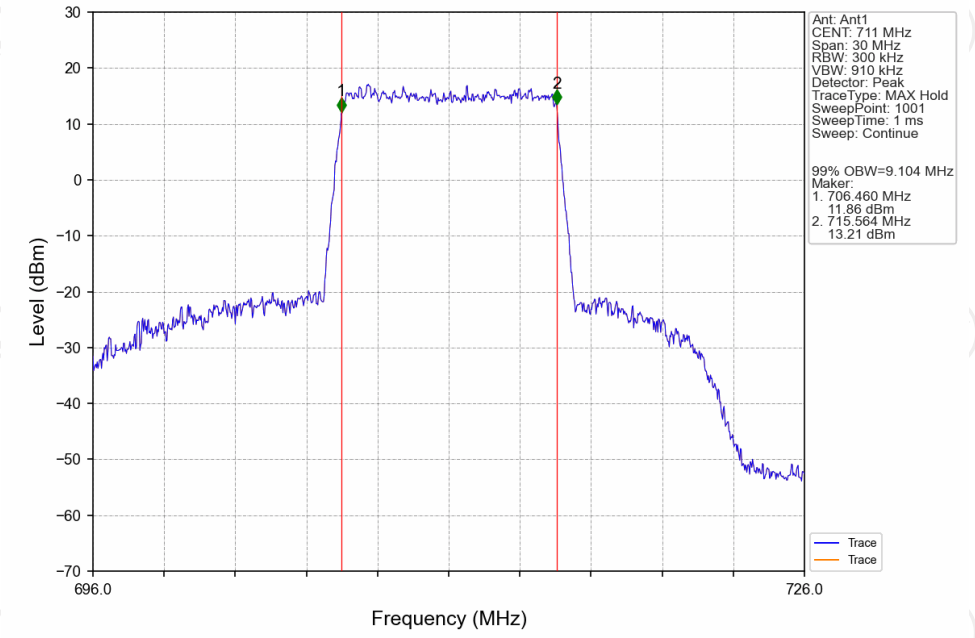
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

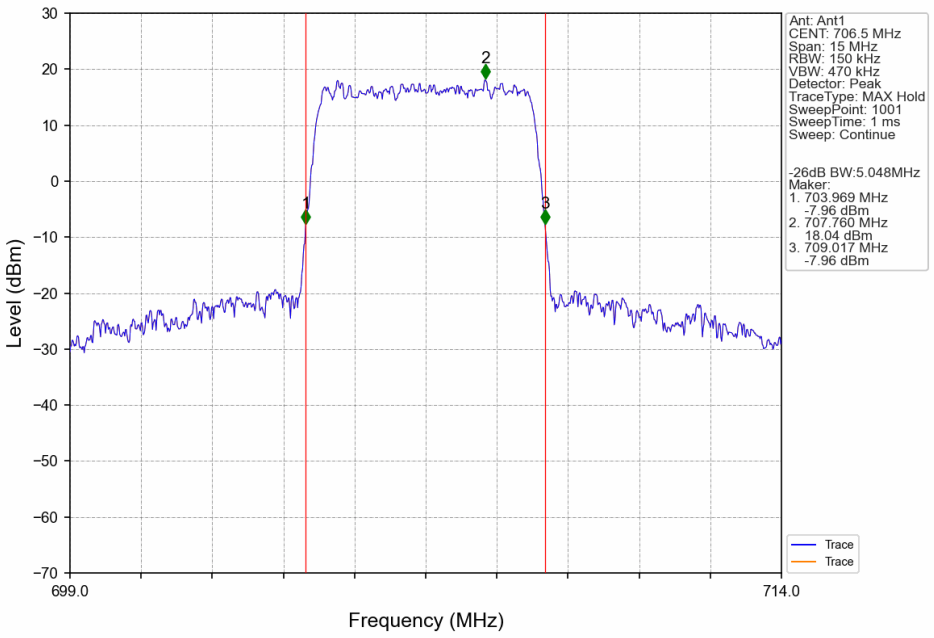


Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

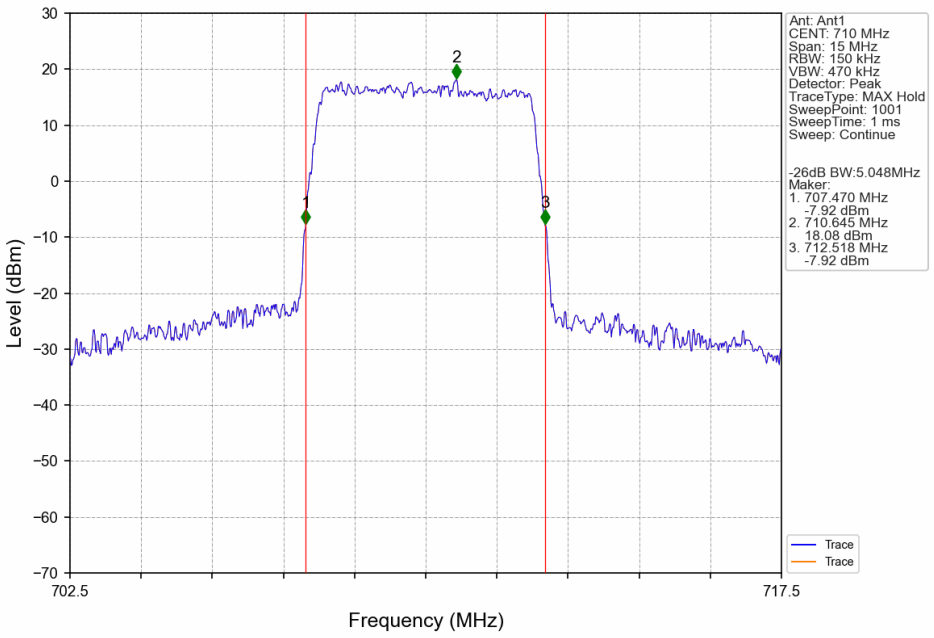


4.2.2 Band17_XDB

Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

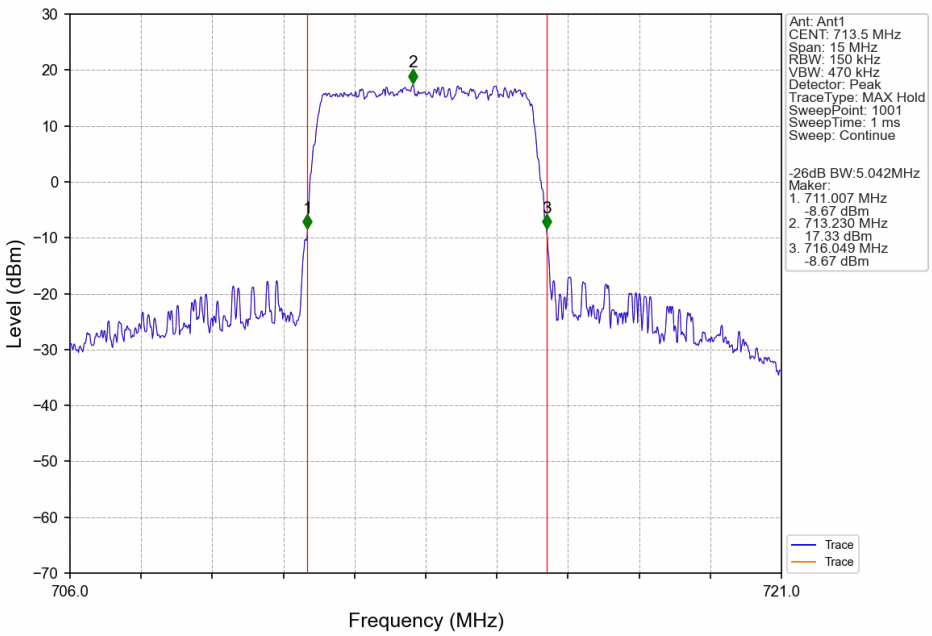


Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV

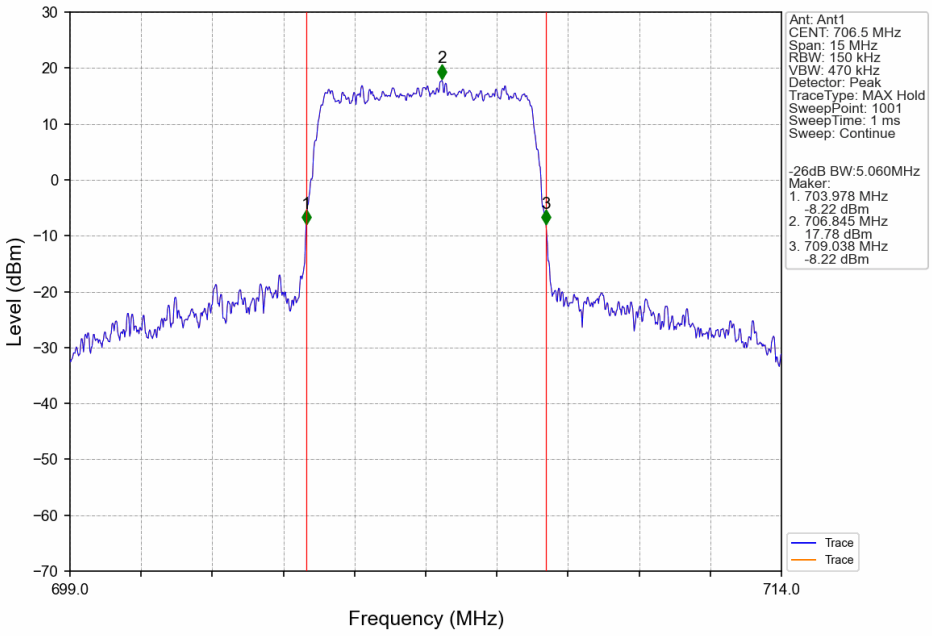


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

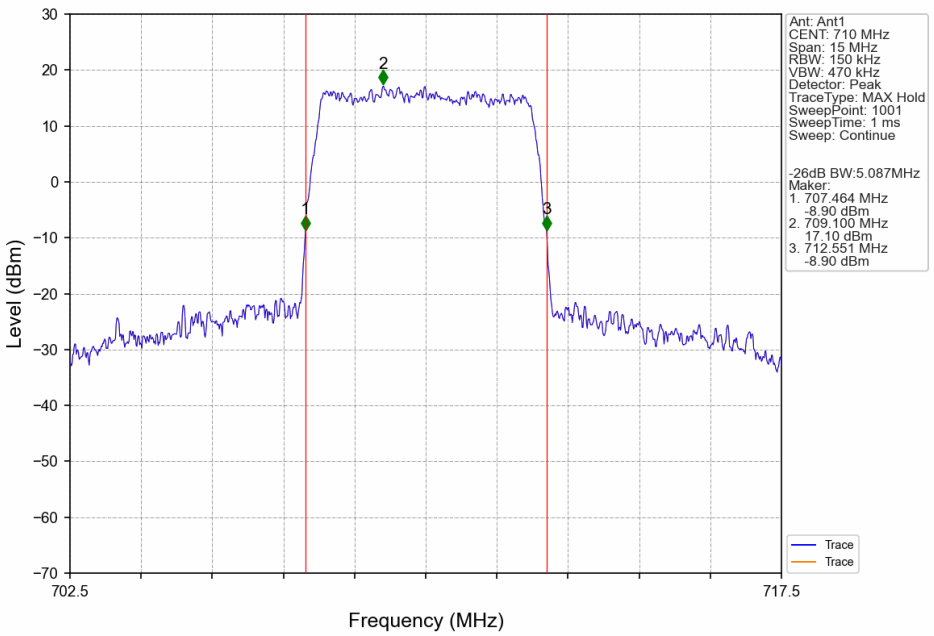
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



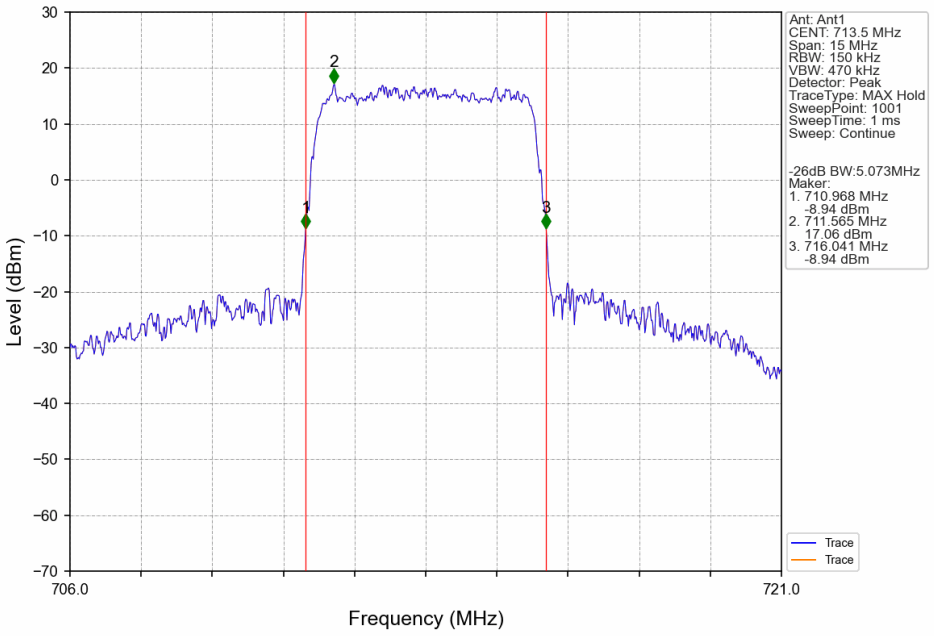
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



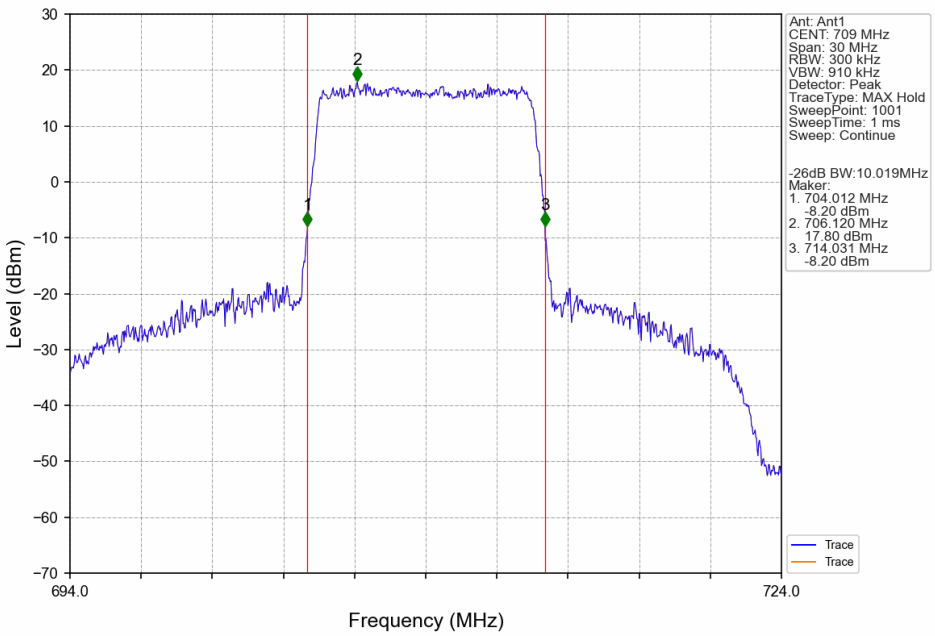
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



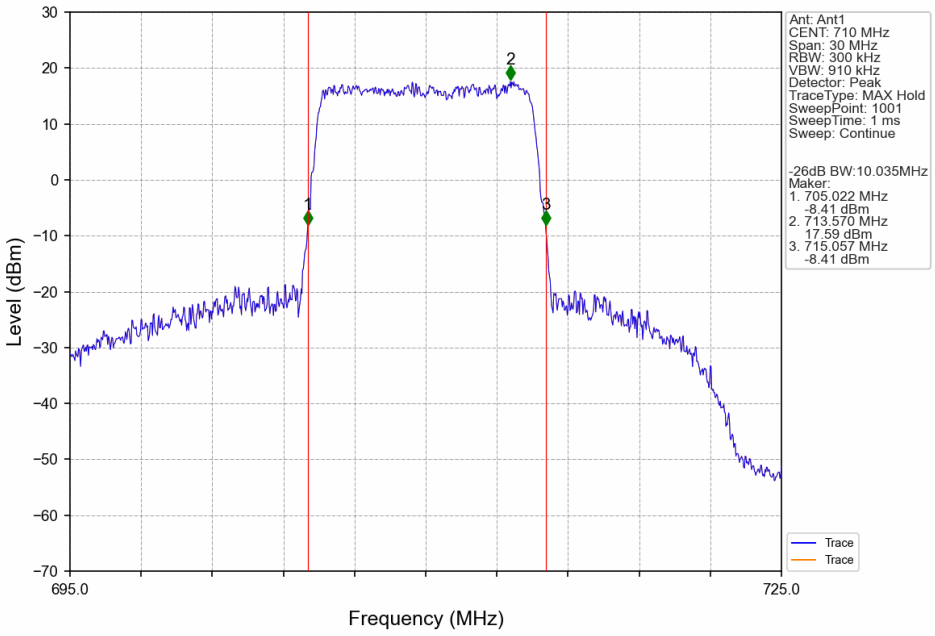
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



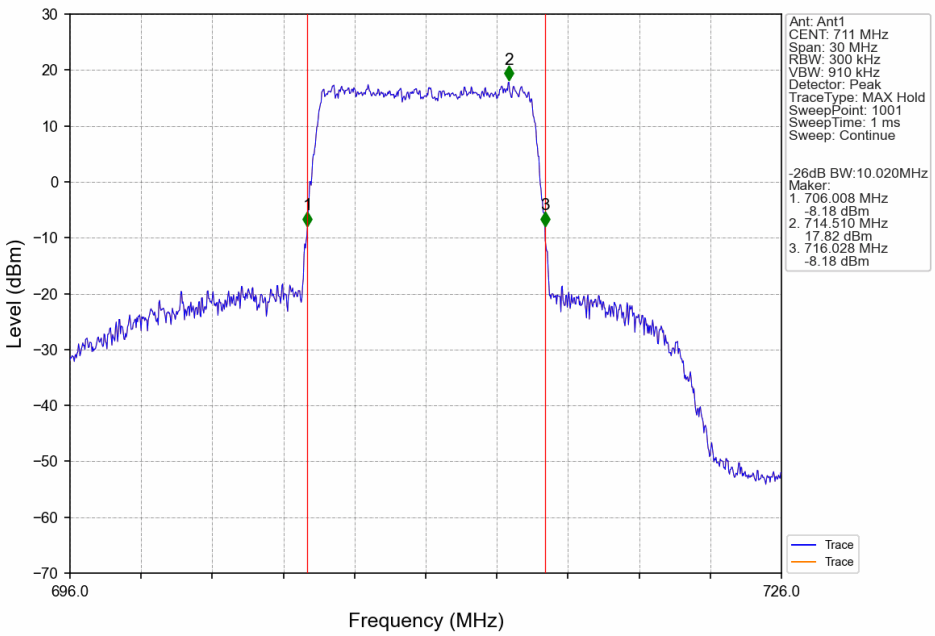
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



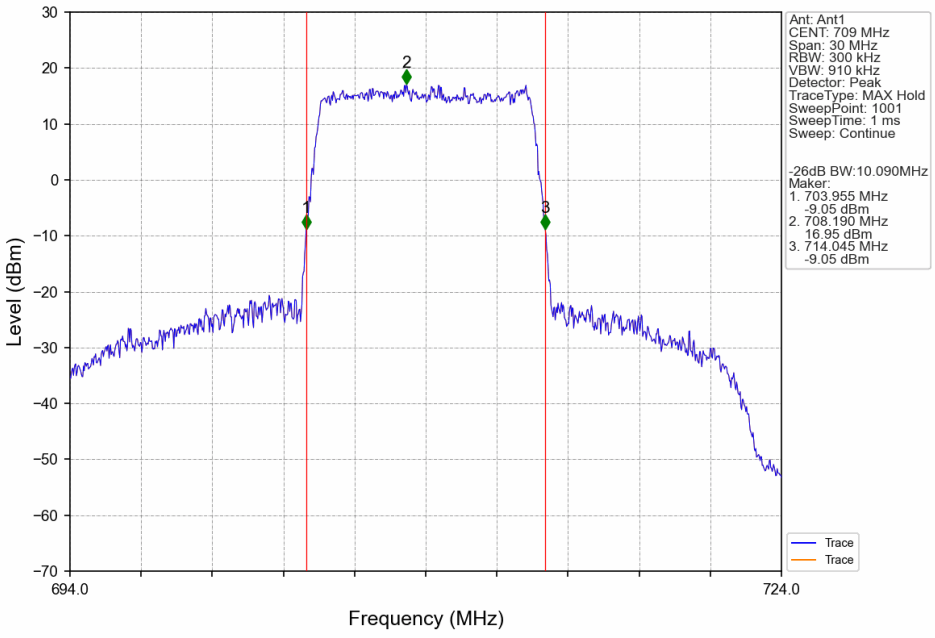
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



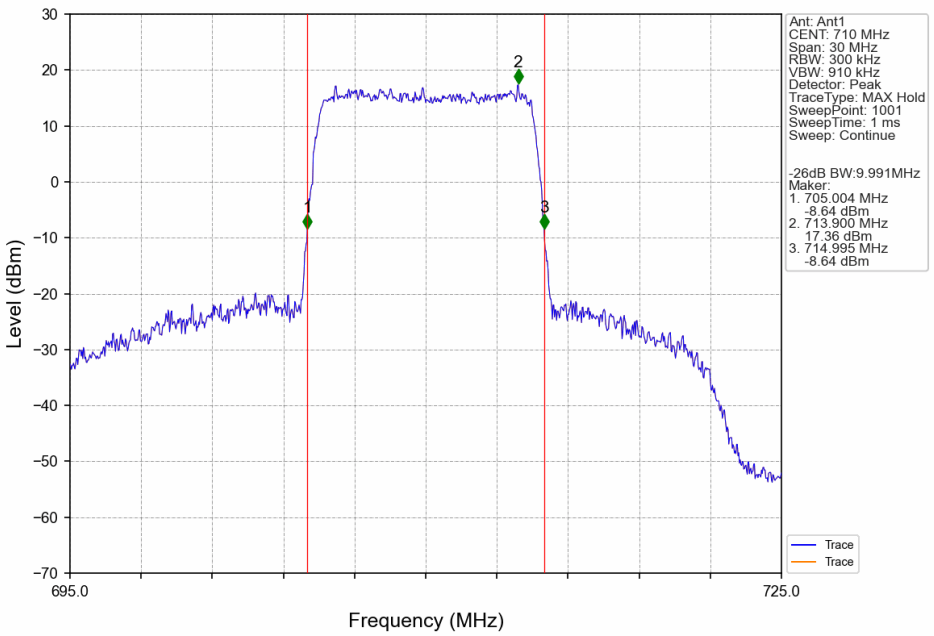
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



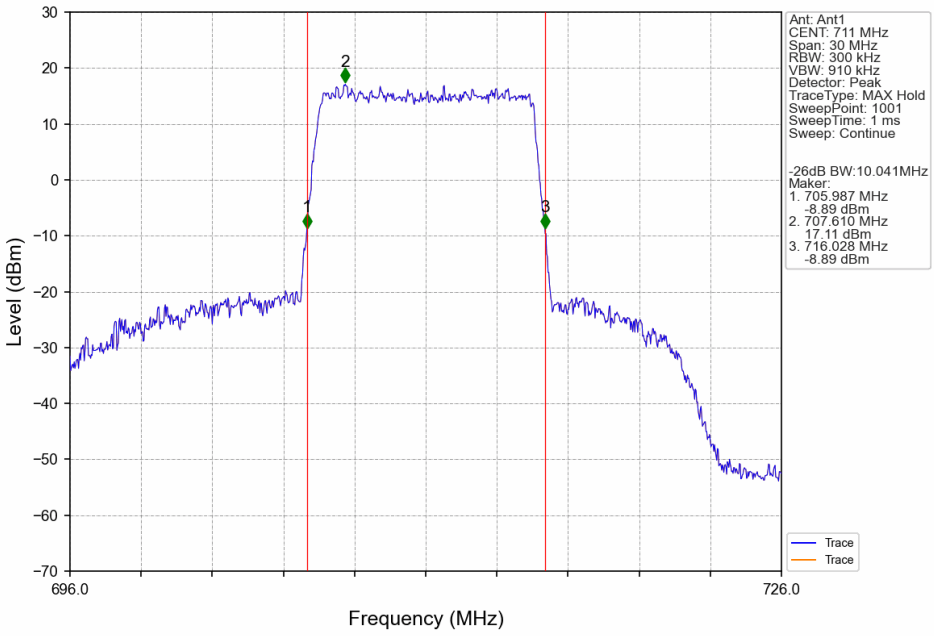
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	25	0	5.38	<=13	Pass
	710	25	0	5.60	<=13	Pass
	713.5	25	0	5.42	<=13	Pass
16QAM	706.5	25	0	6.10	<=13	Pass
	710	25	0	6.40	<=13	Pass
	713.5	25	0	6.20	<=13	Pass

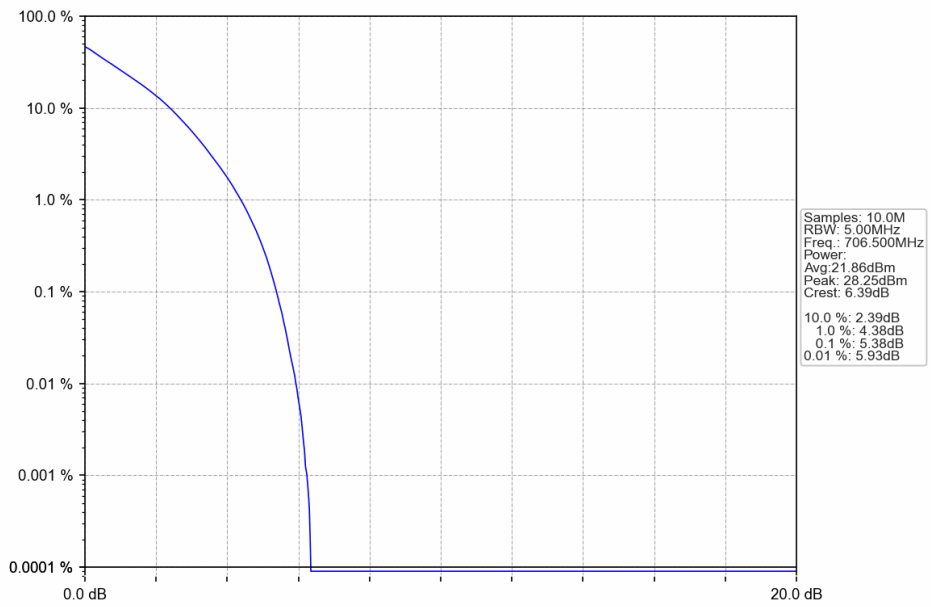
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.47	<=13	Pass
	710	50	0	5.54	<=13	Pass
	711	50	0	5.54	<=13	Pass
16QAM	709	50	0	6.31	<=13	Pass
	710	50	0	6.34	<=13	Pass
	711	50	0	6.27	<=13	Pass

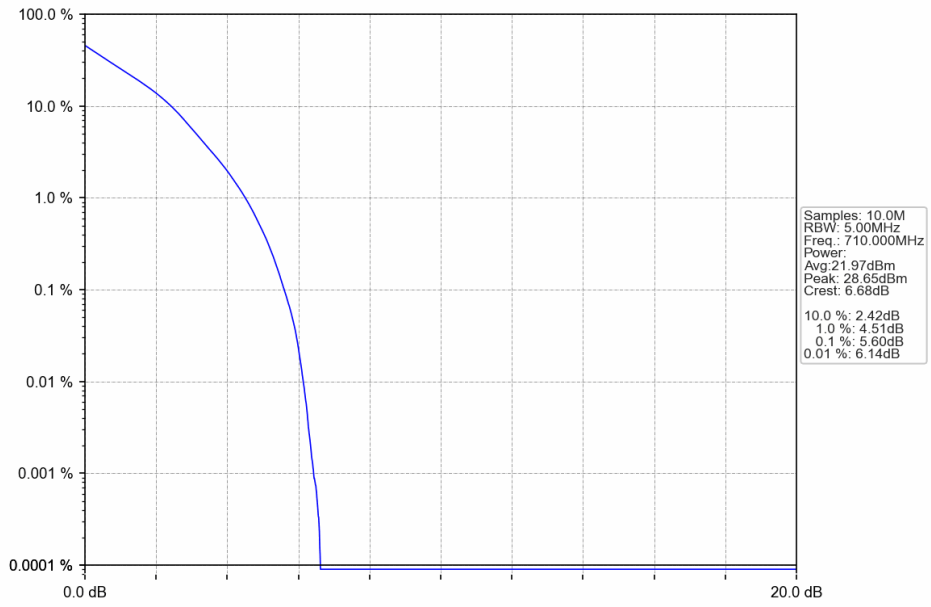
5.2 Test Graph

5.2.1 B17_5MHz

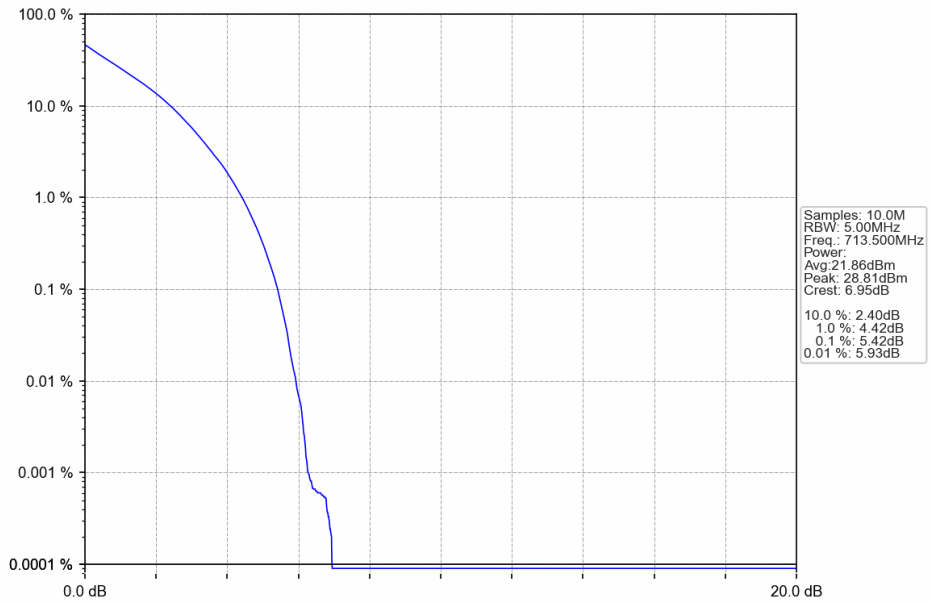
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



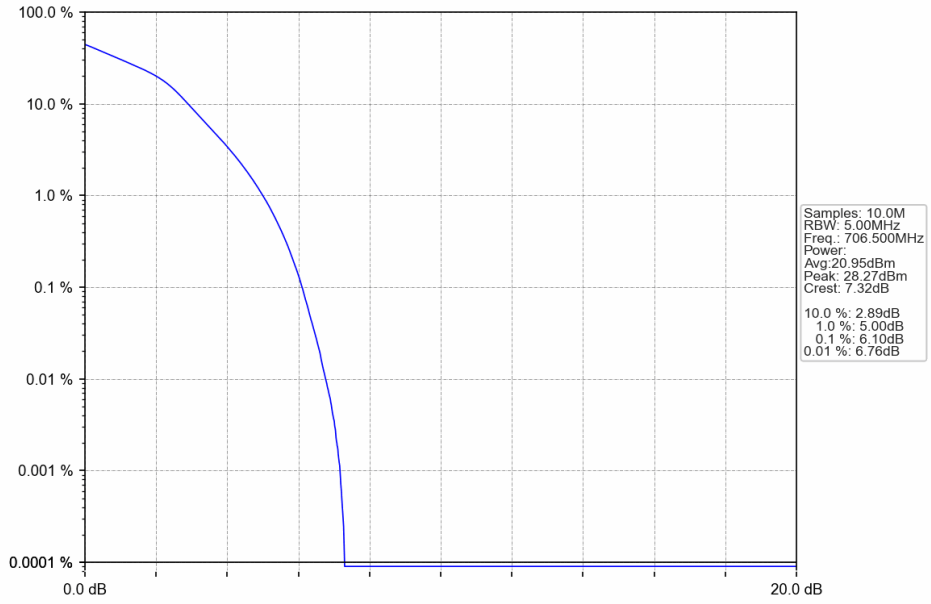
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



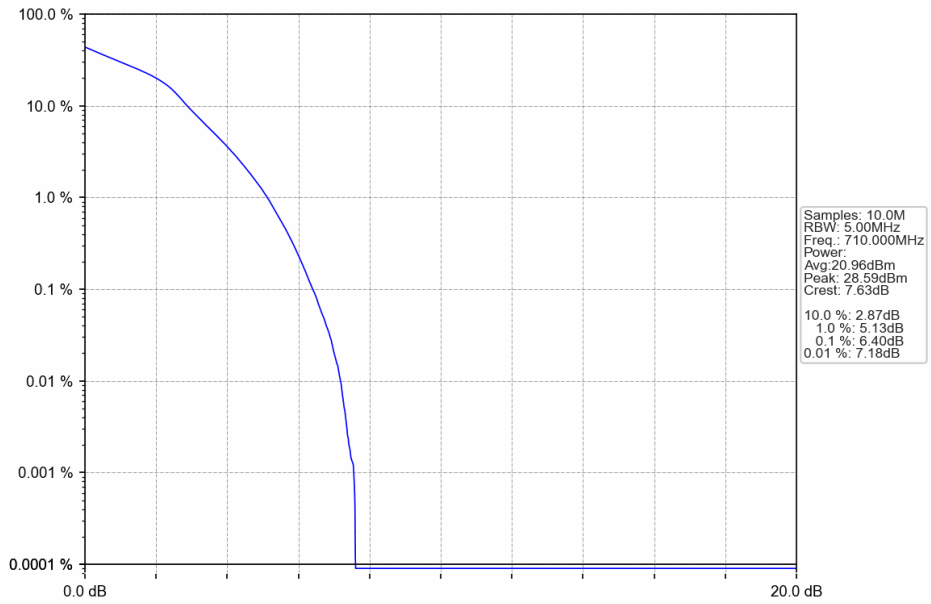
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



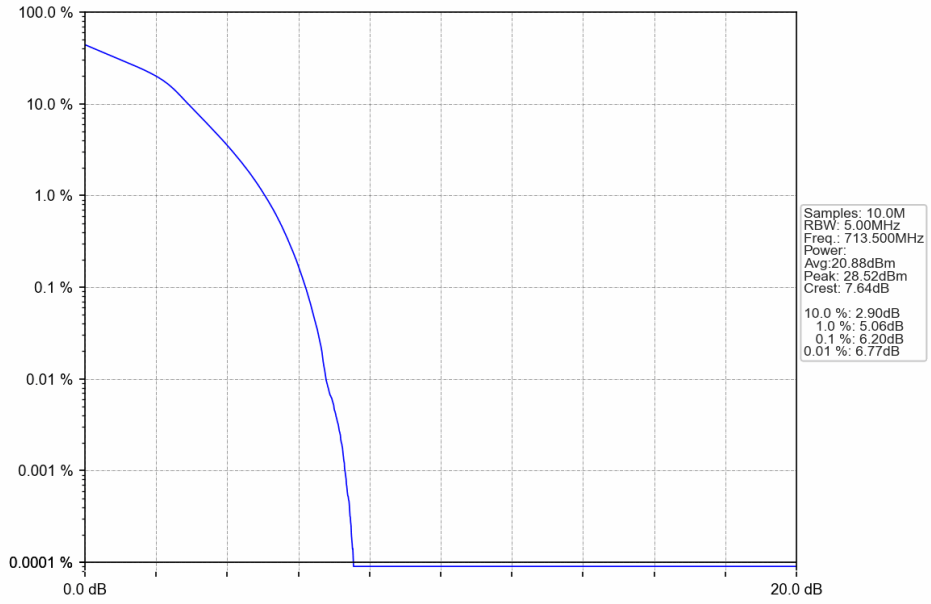
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



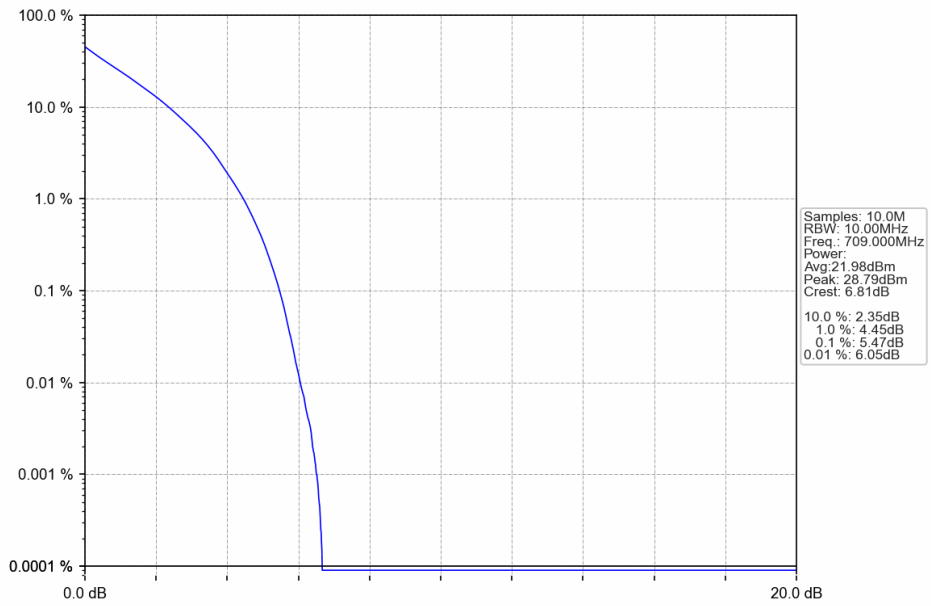
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



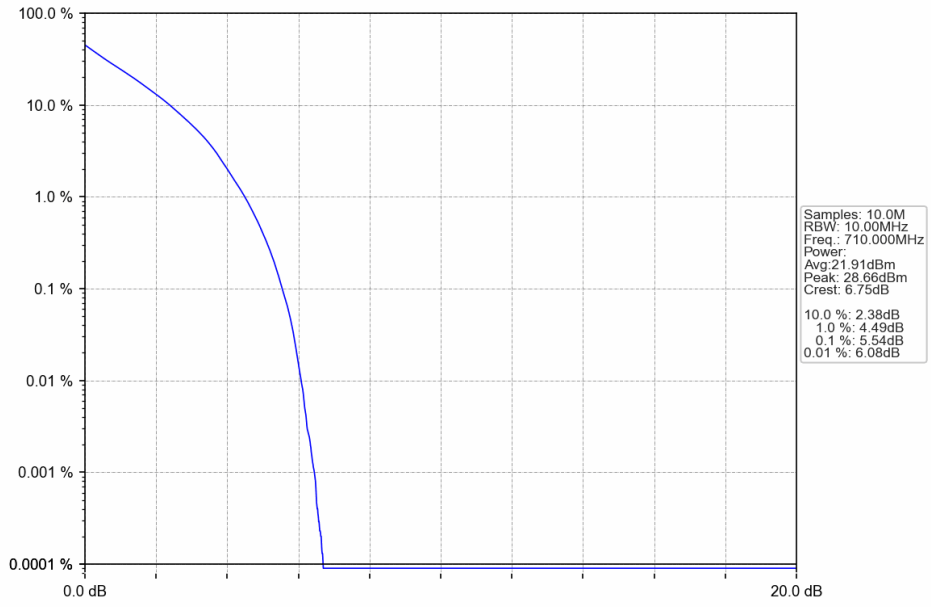
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

5.2.2 B17_10MHz

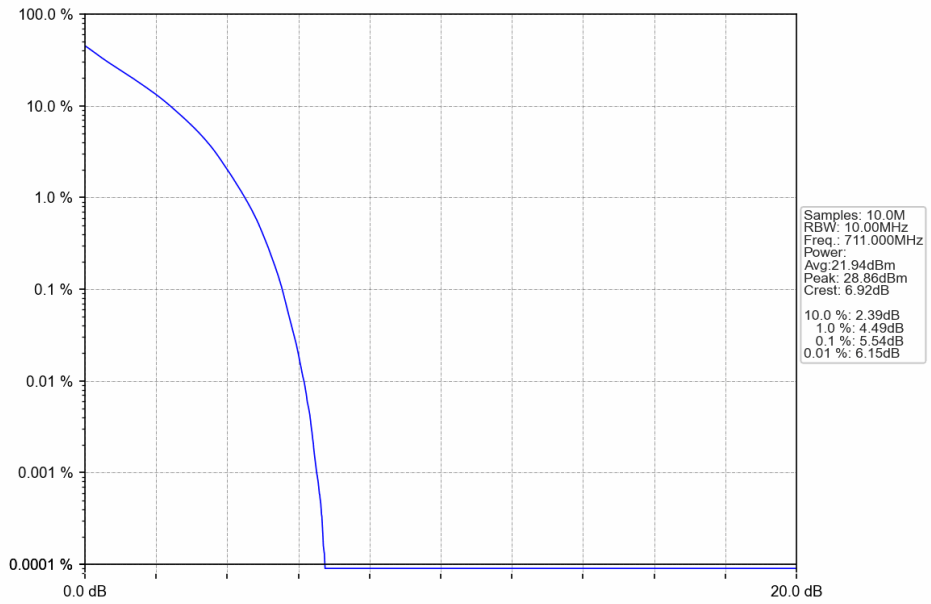
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



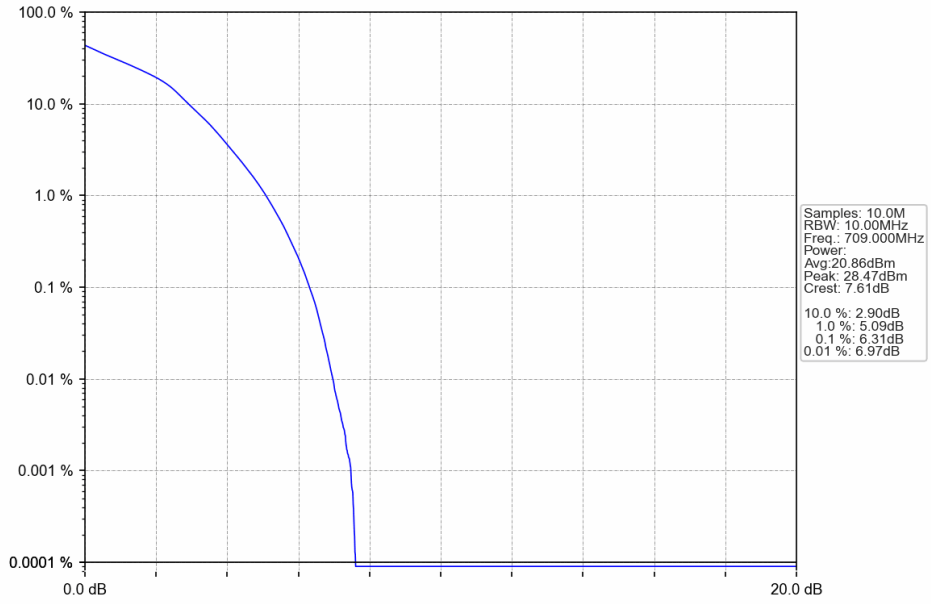
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



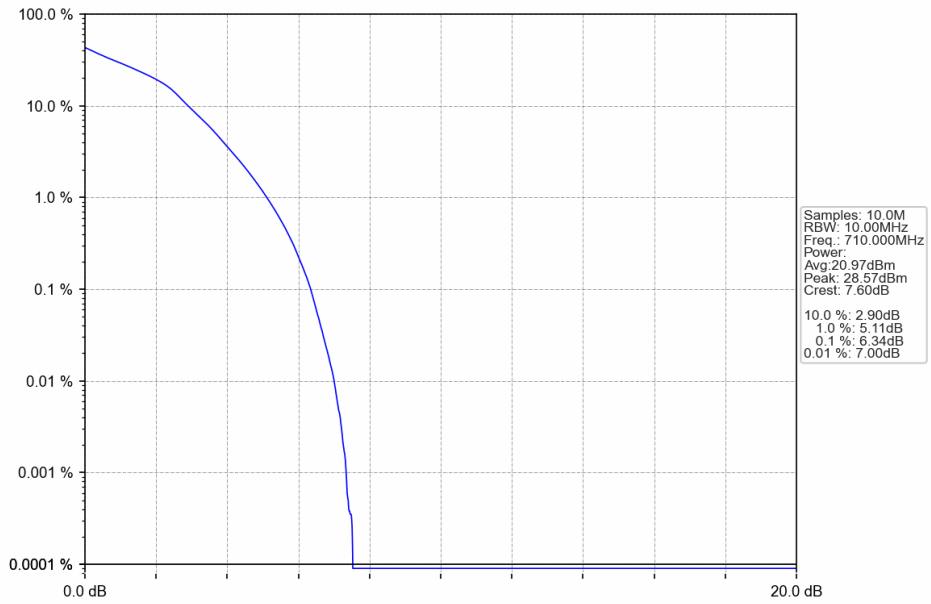
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



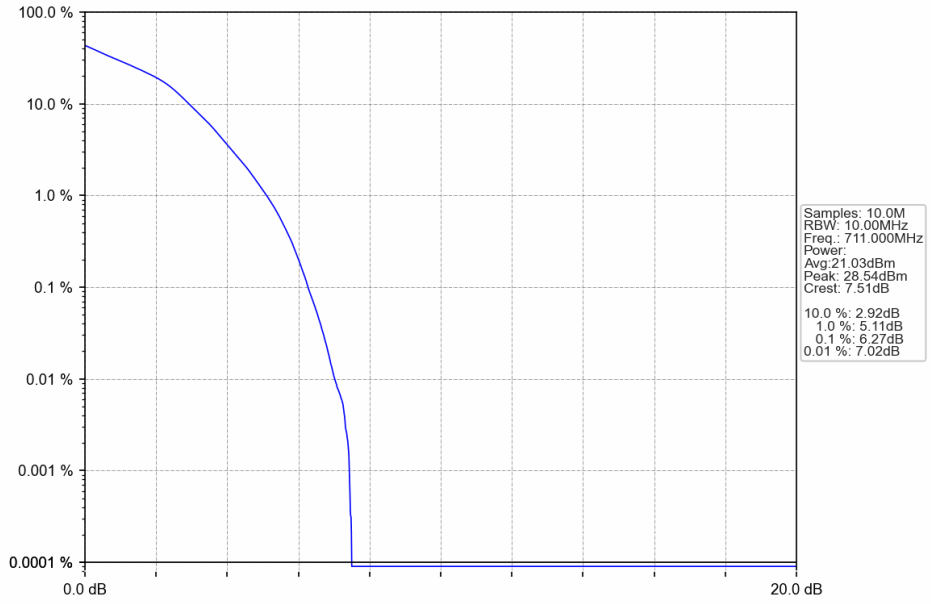
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B17_5MHz

Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	706.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

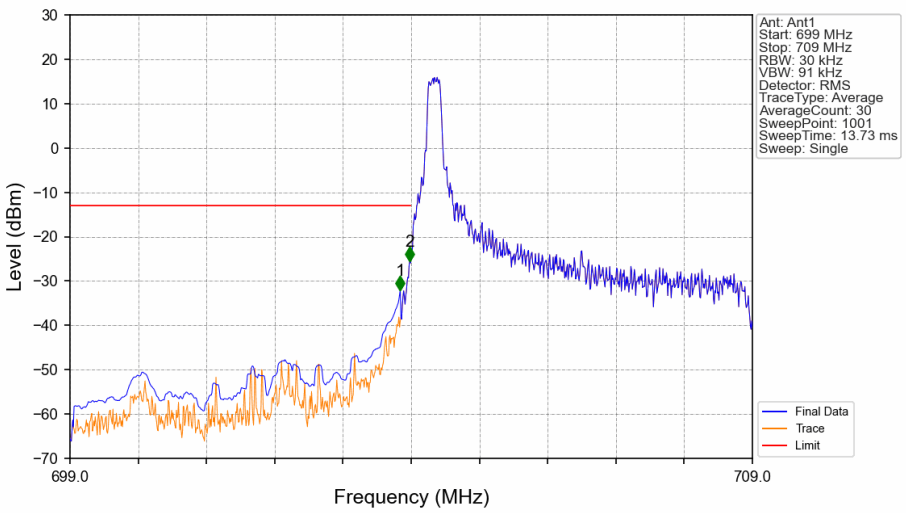
6.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	709	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.2 Test Graph

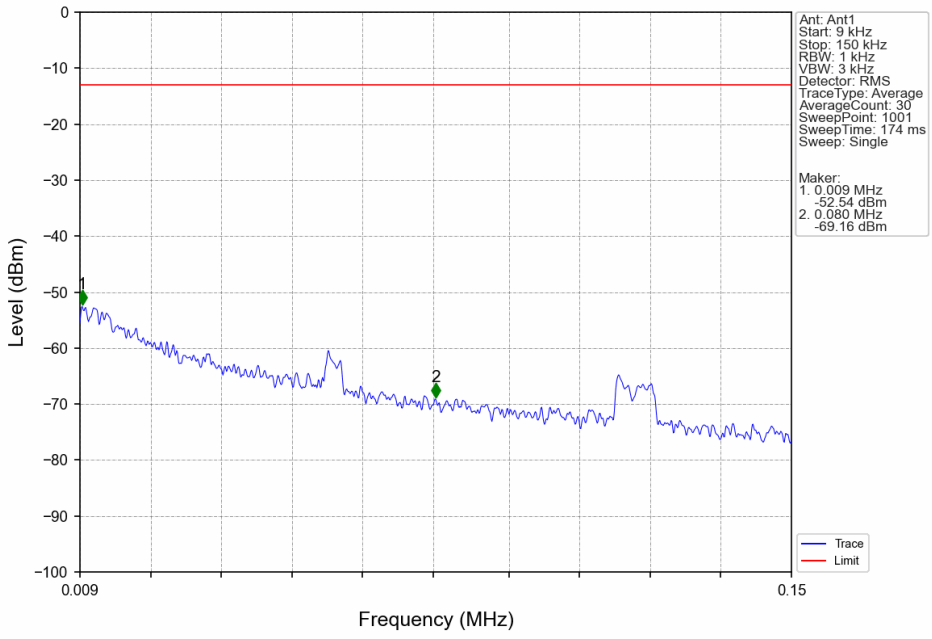
6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



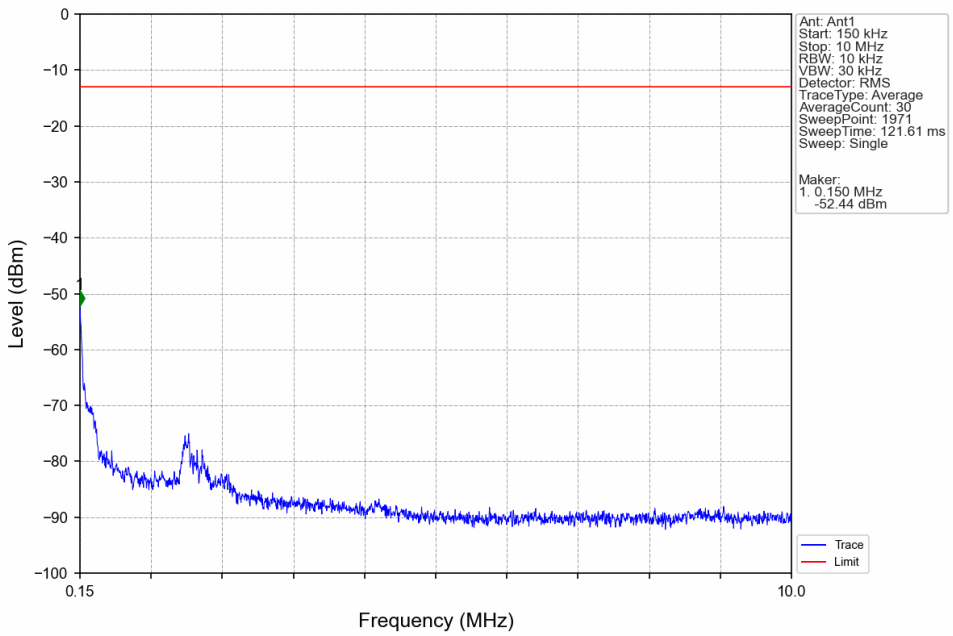
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-31.99	-13	Pass
703.9	704	0.03	/	2	703.980	-25.57	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

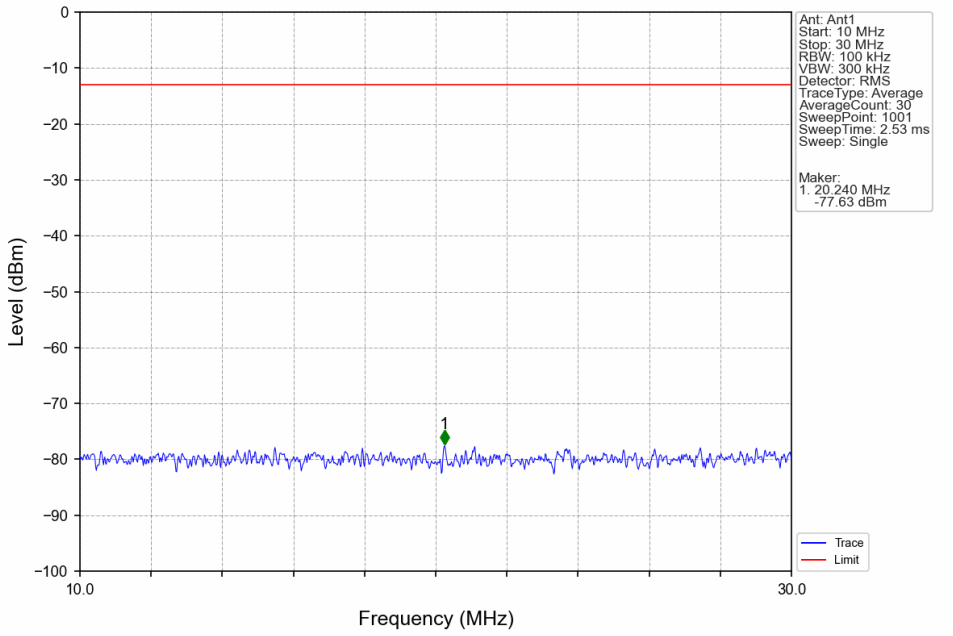


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

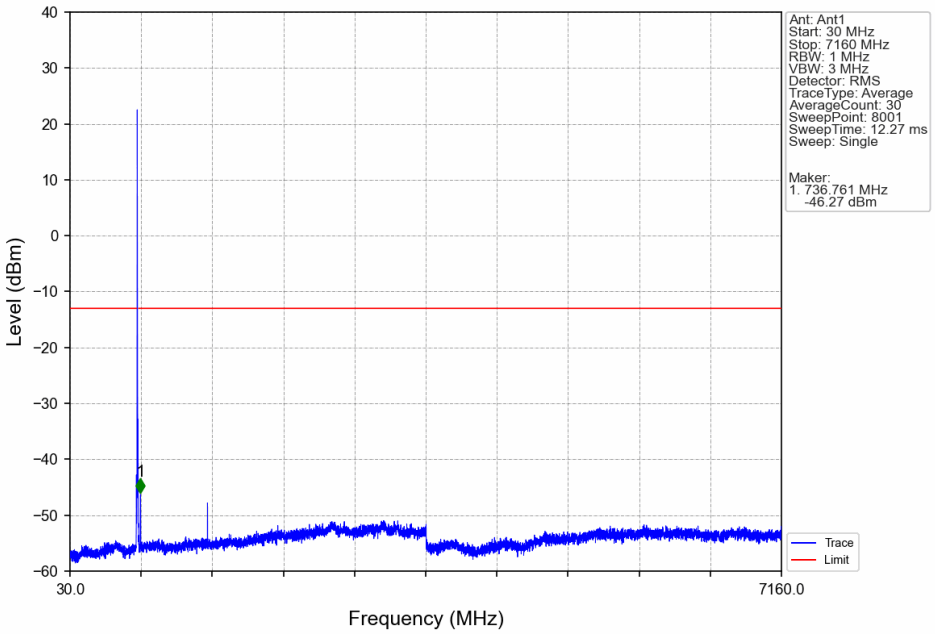
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



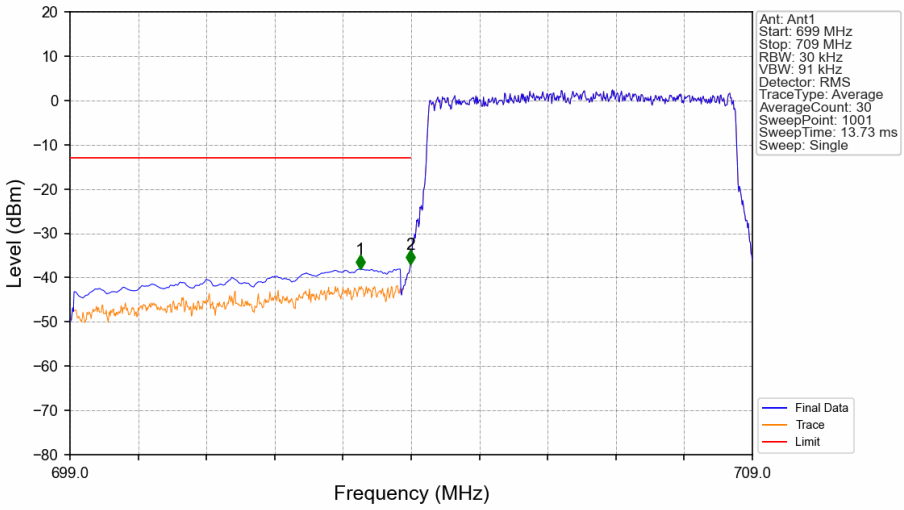
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

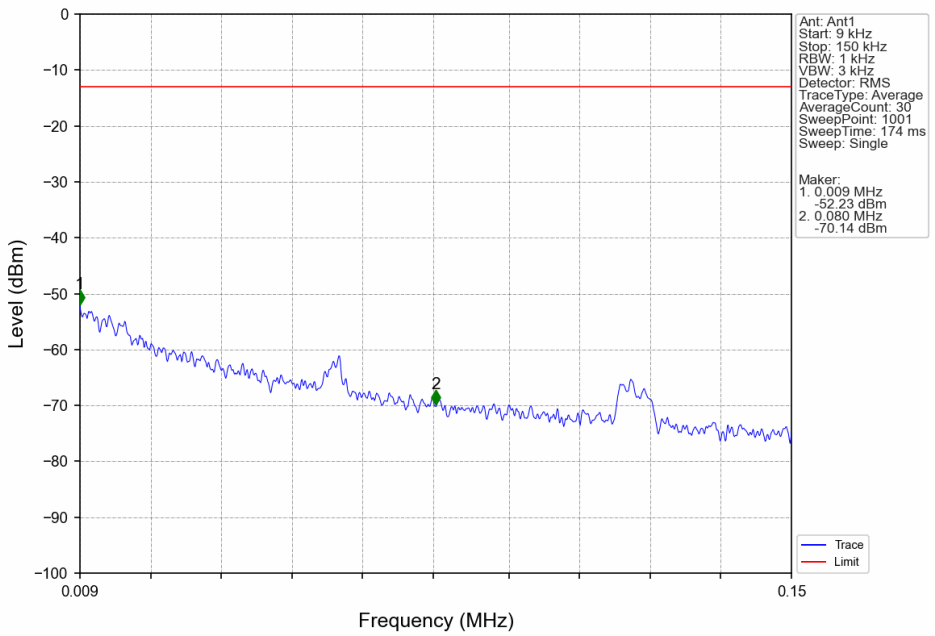


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

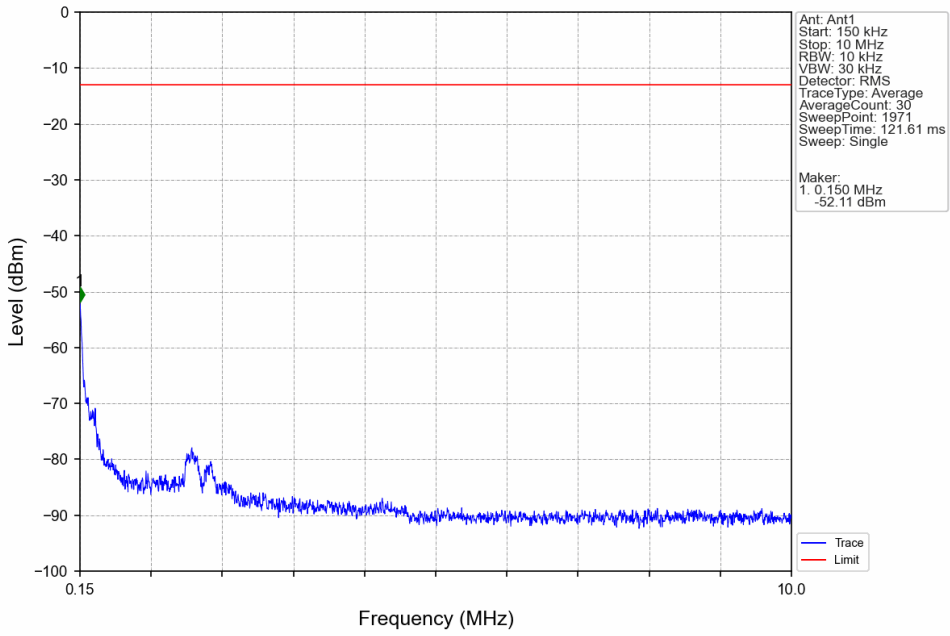


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.250	-38.09	-13	Pass
703.9	704	0.03	/	2	703.990	-36.89	-13	Pass
704	709	0.03	/	/	/	/	/	/

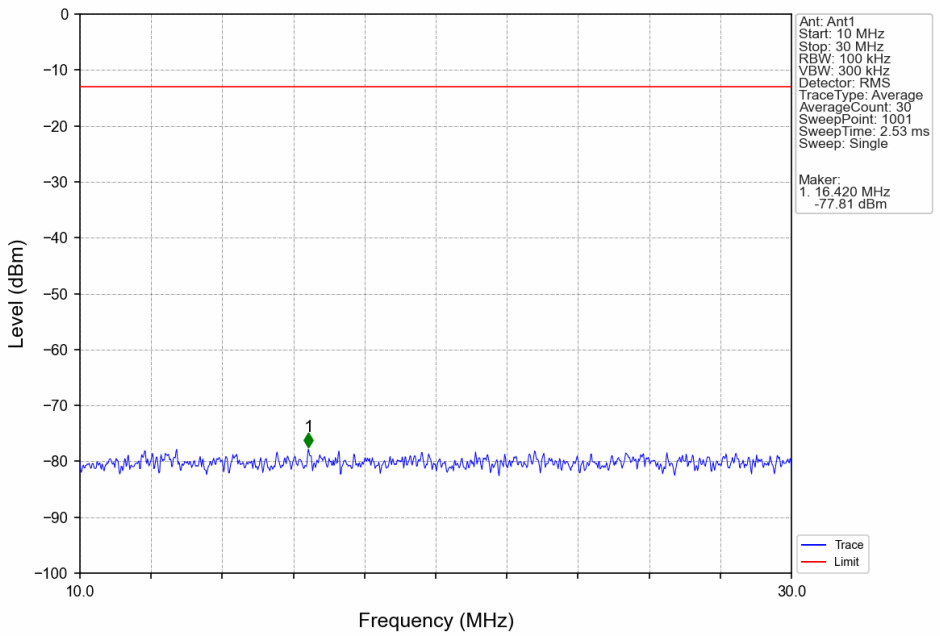
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



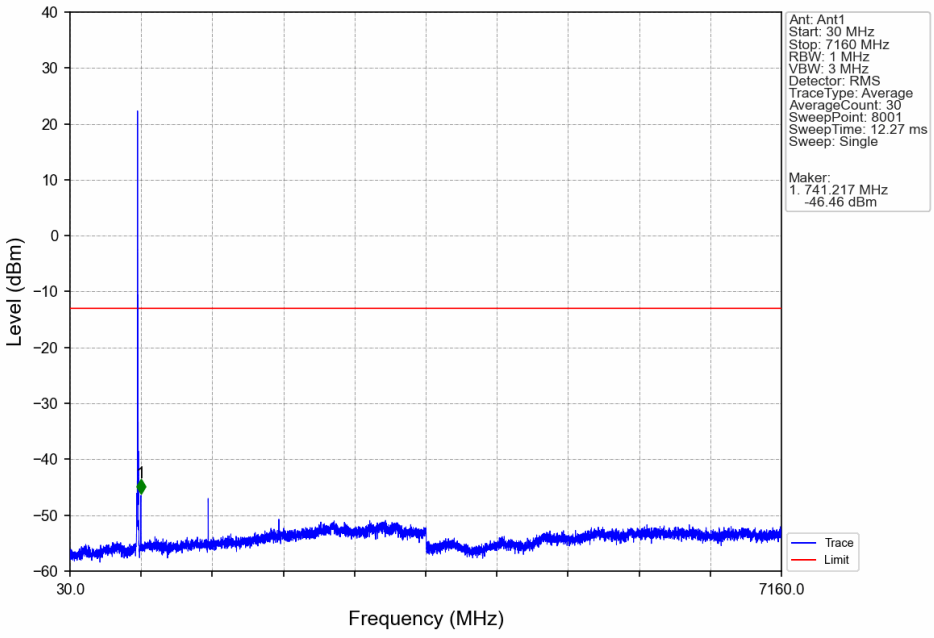
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV

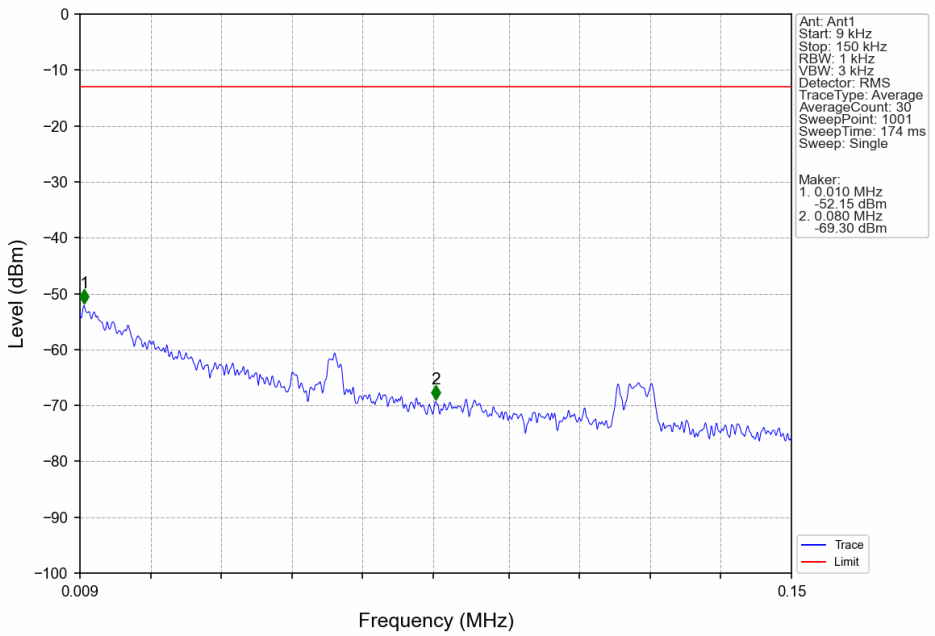


Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV

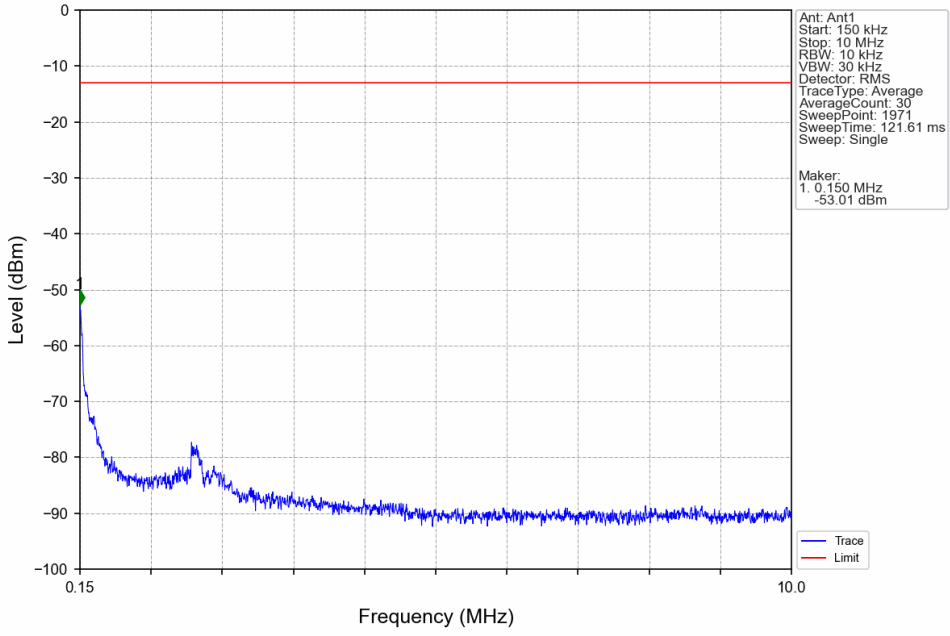


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

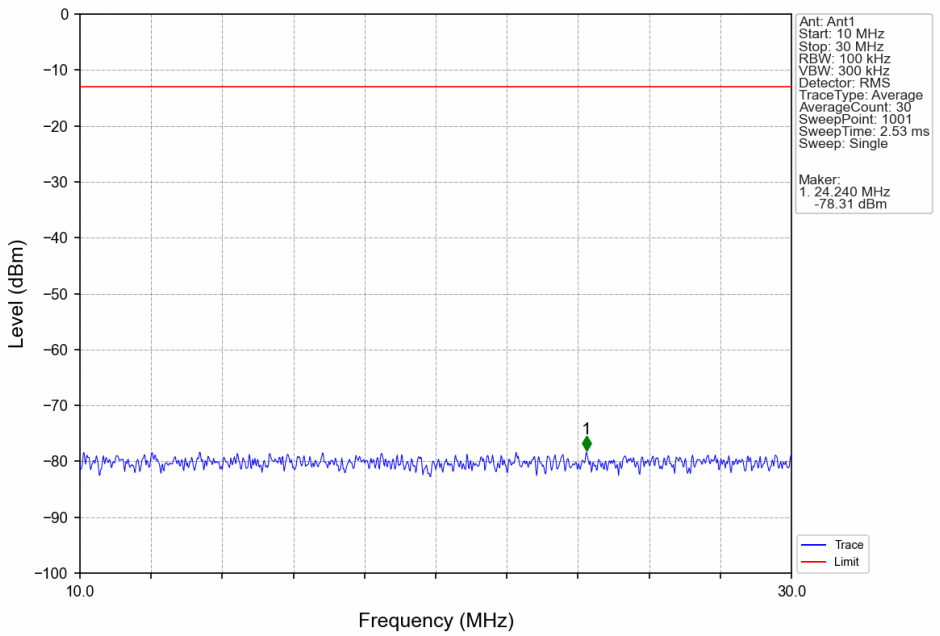


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

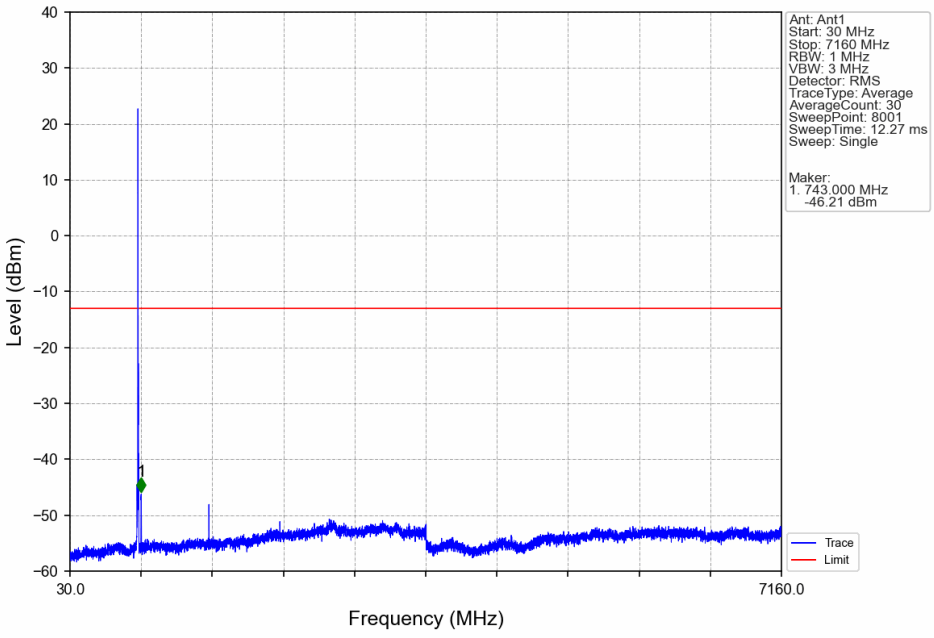


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

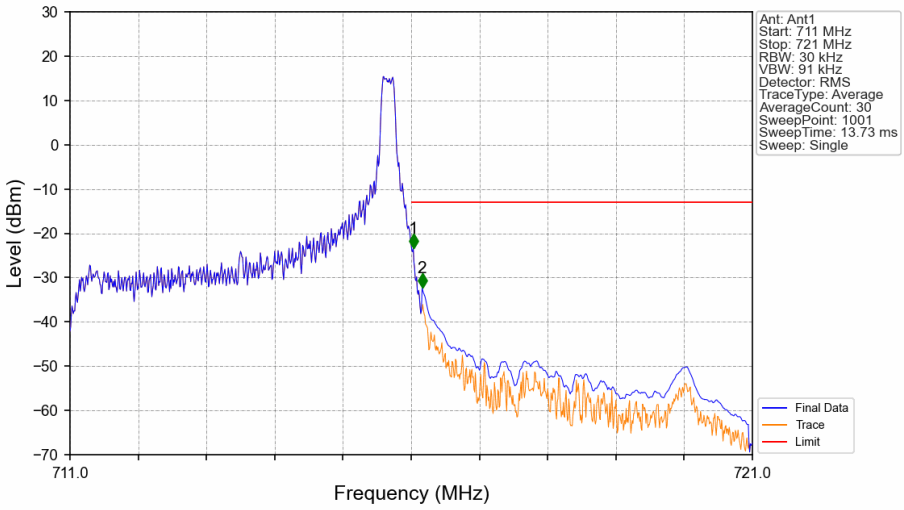


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



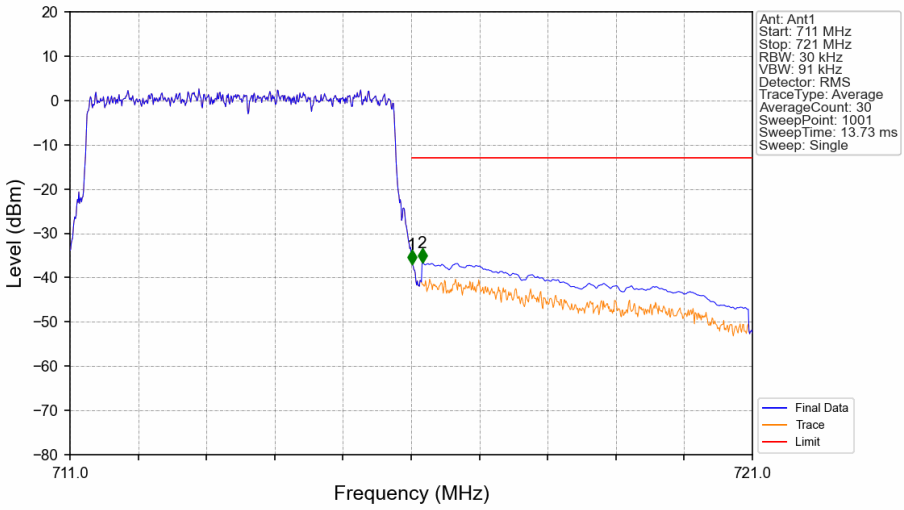
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



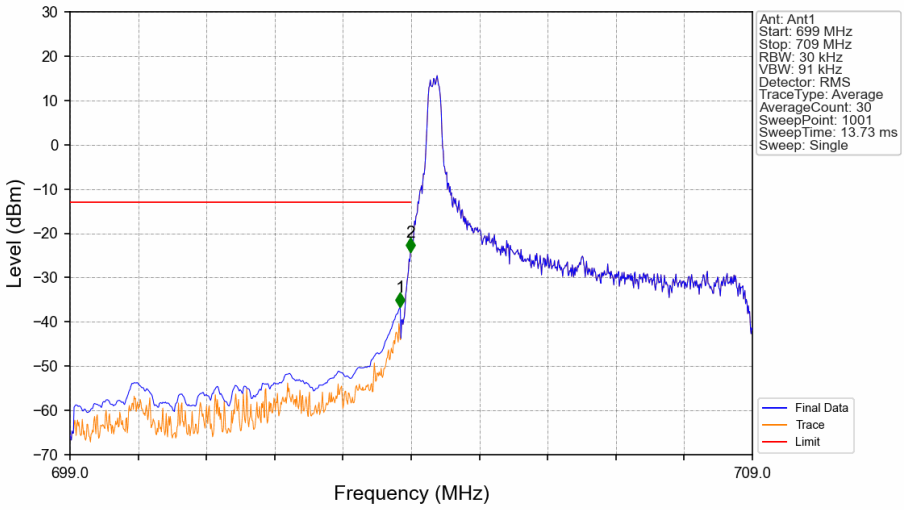
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-23.32	-13	Pass
716.1	721	0.1	CHP	2	716.160	-32.18	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



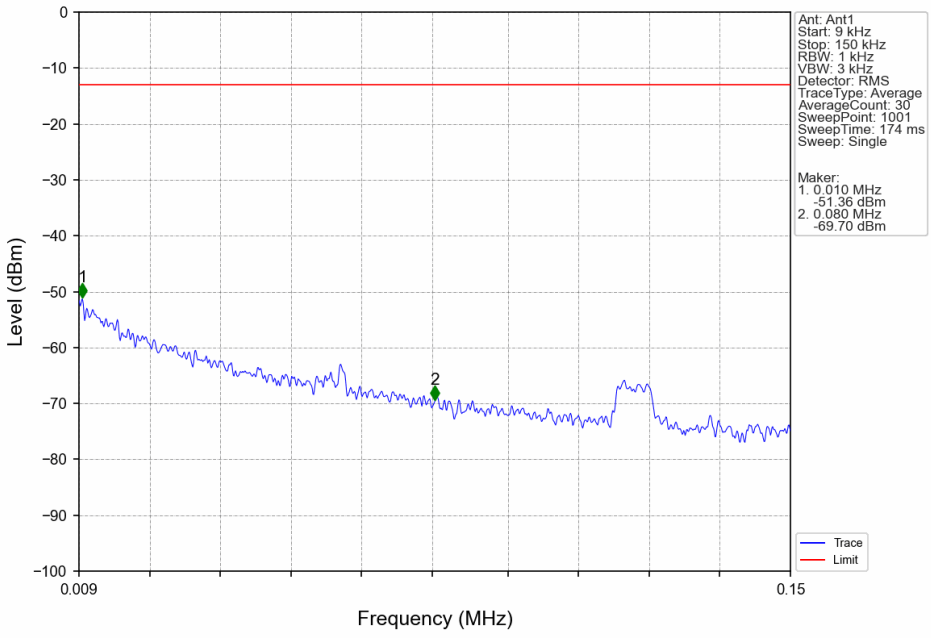
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-37.00	-13	Pass
716.1	721	0.1	CHP	2	716.160	-36.65	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

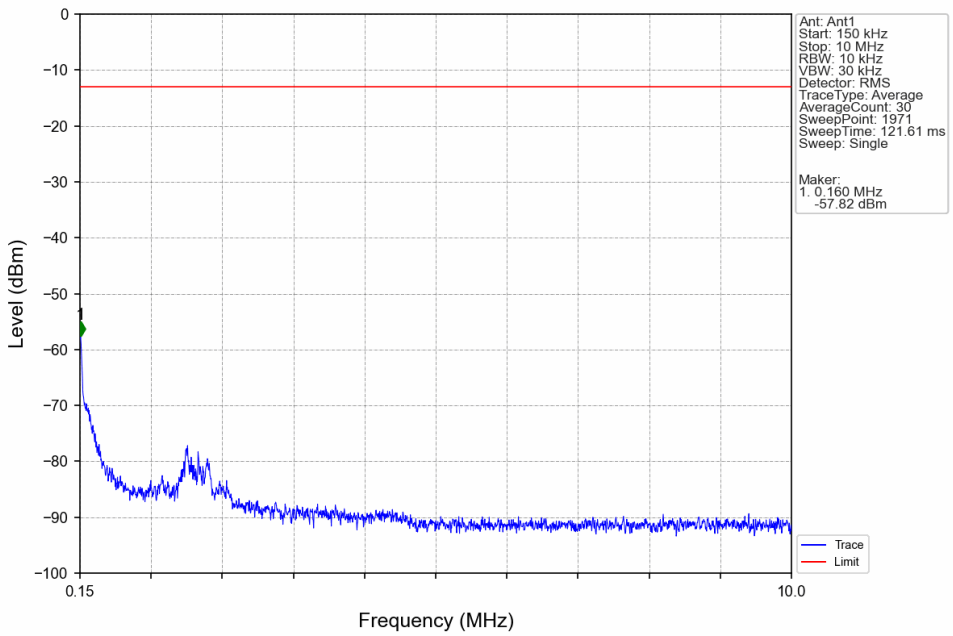


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-36.63	-13	Pass
703.9	704	0.03	/	2	703.990	-24.17	-13	Pass
704	709	0.03	/	/	/	/	/	/

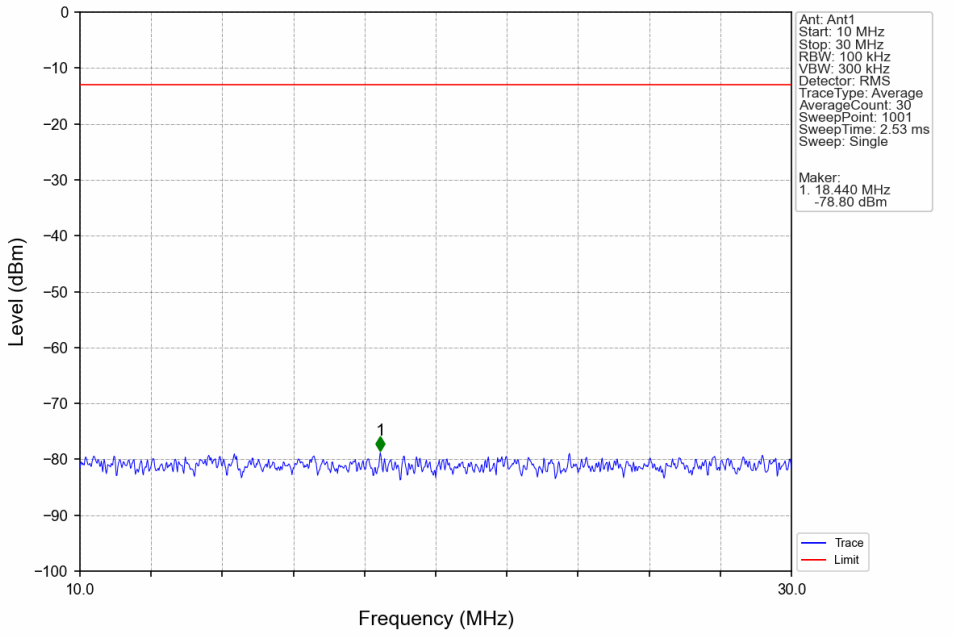
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



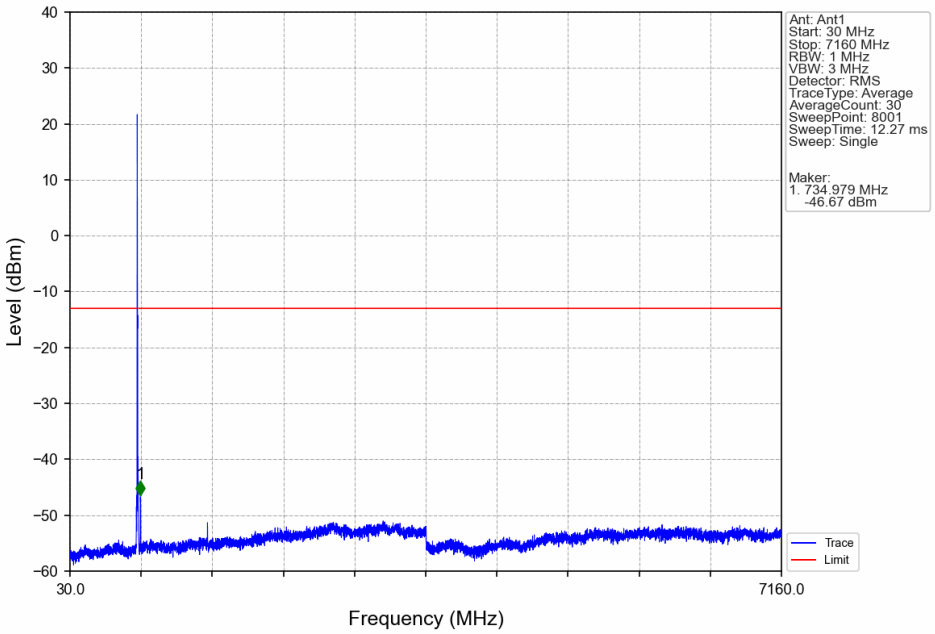
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



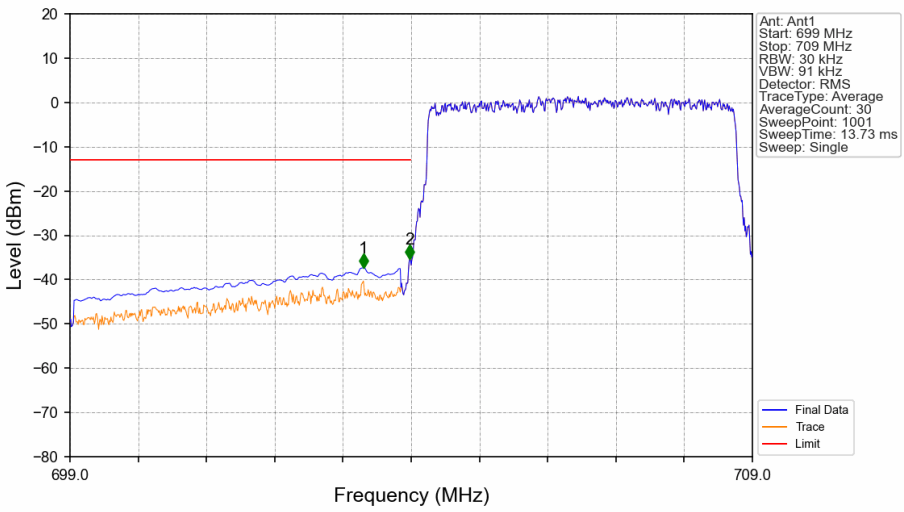
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

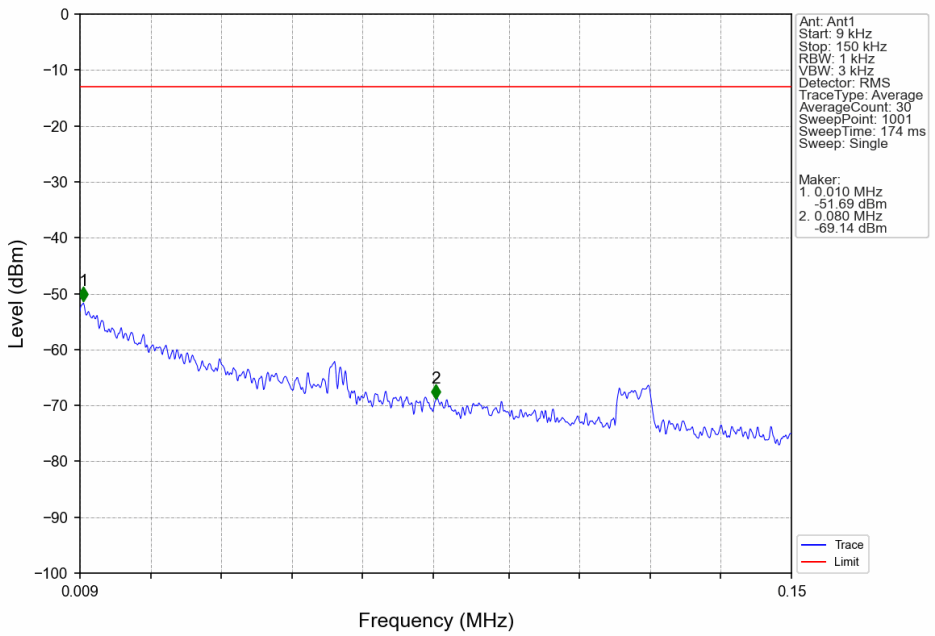


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

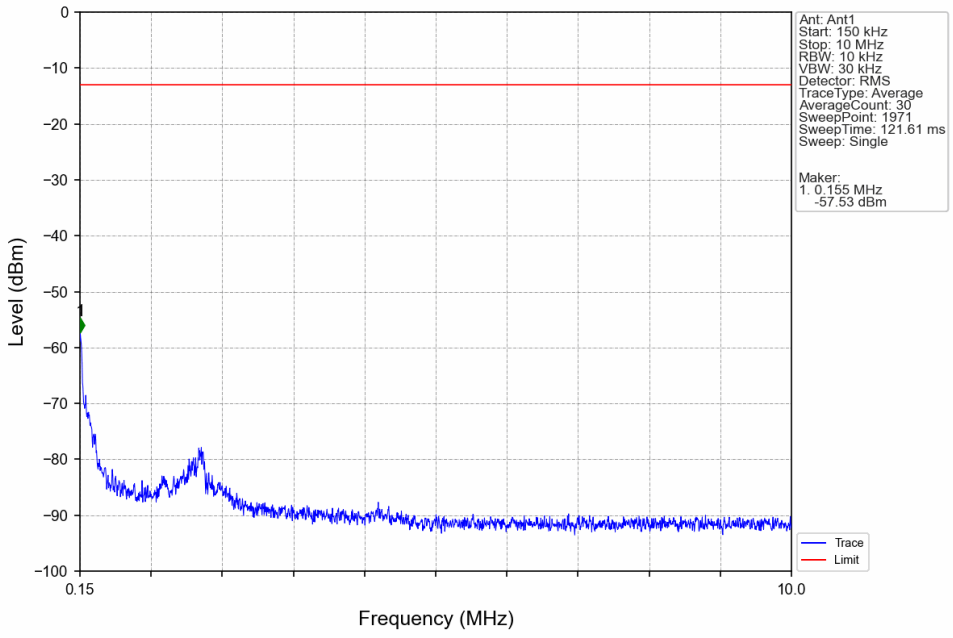


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.300	-37.37	-13	Pass
703.9	704	0.03	/	2	703.980	-35.32	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV

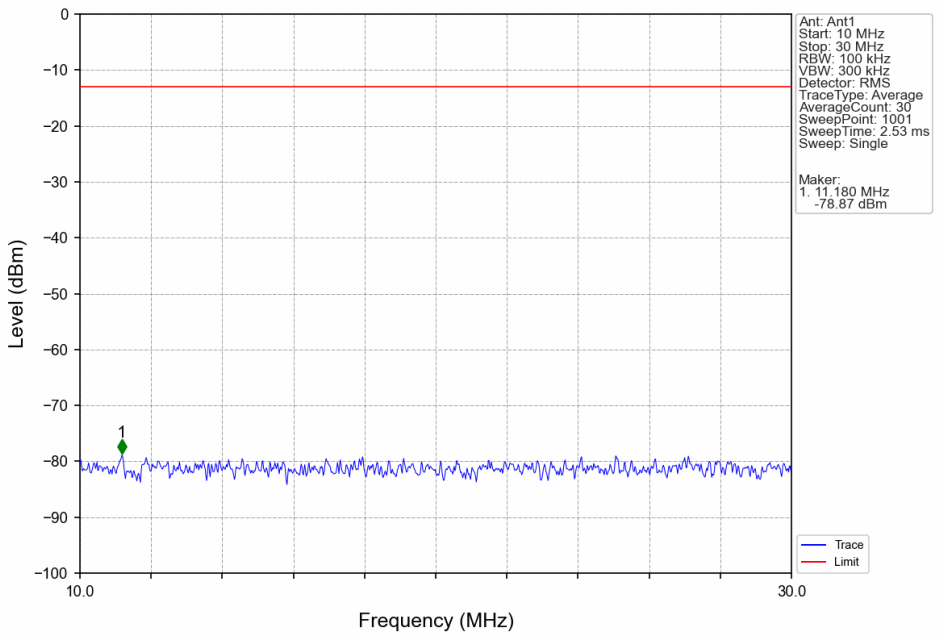


Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV

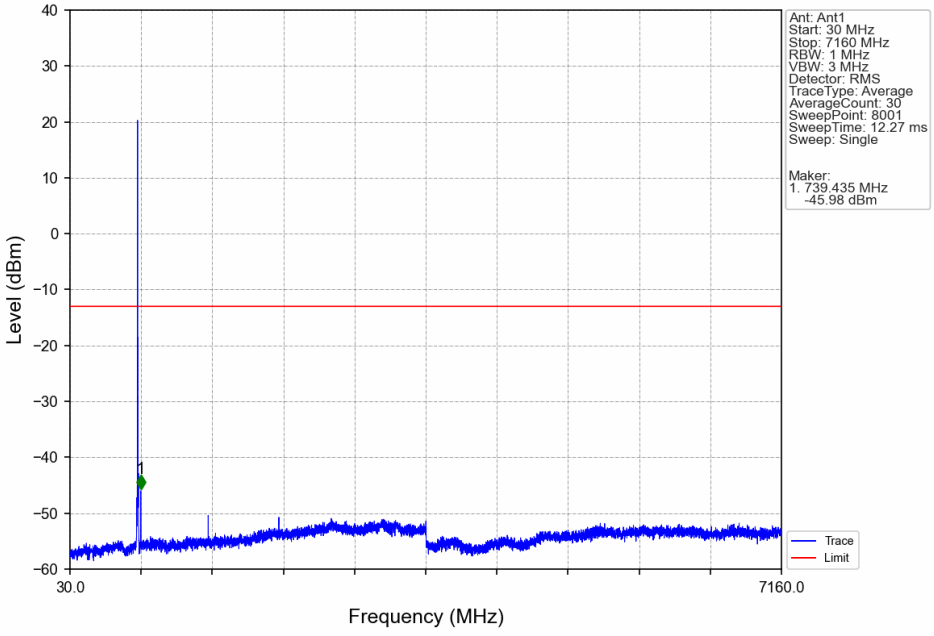


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV

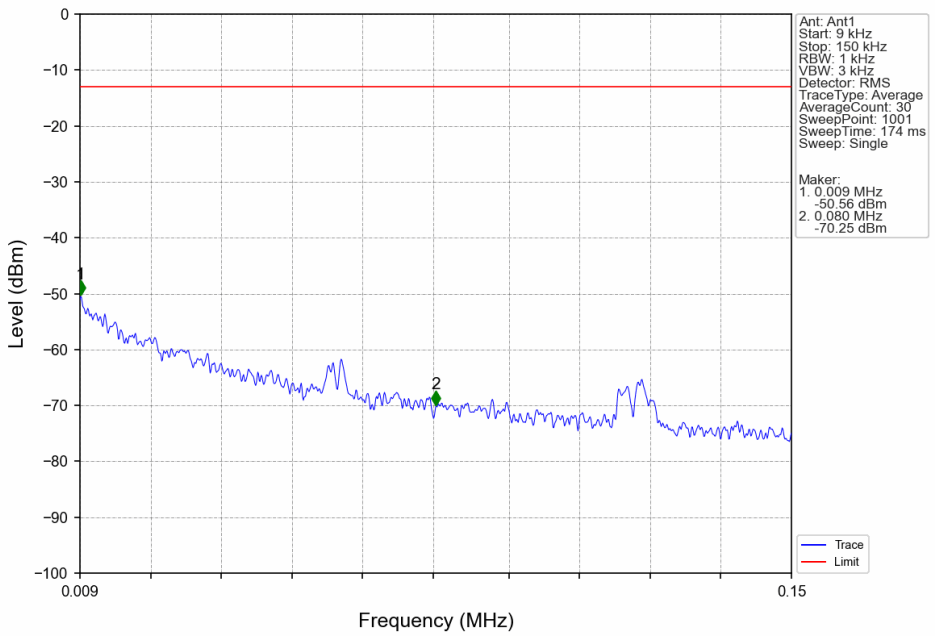


Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV

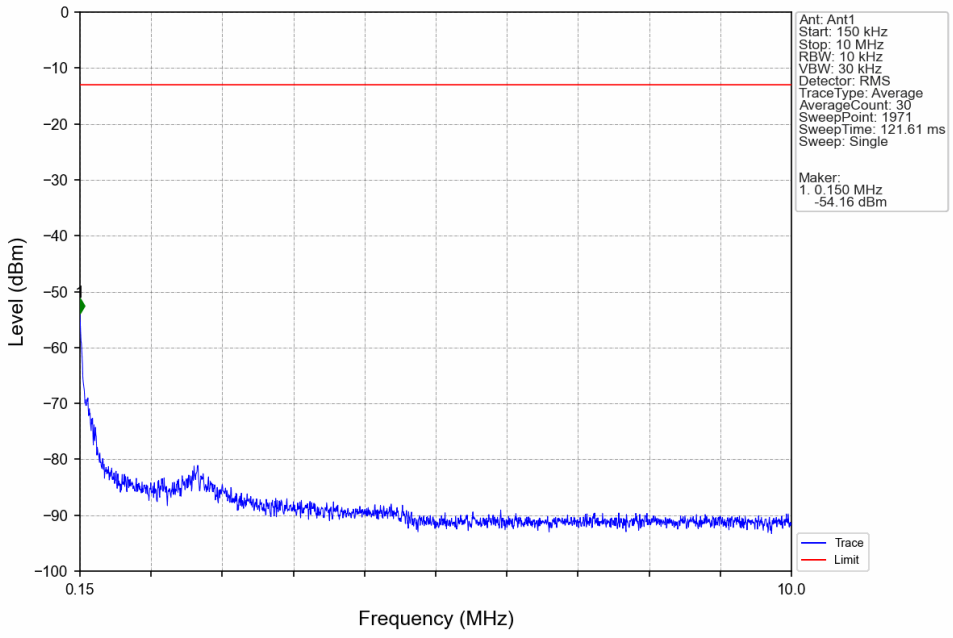


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

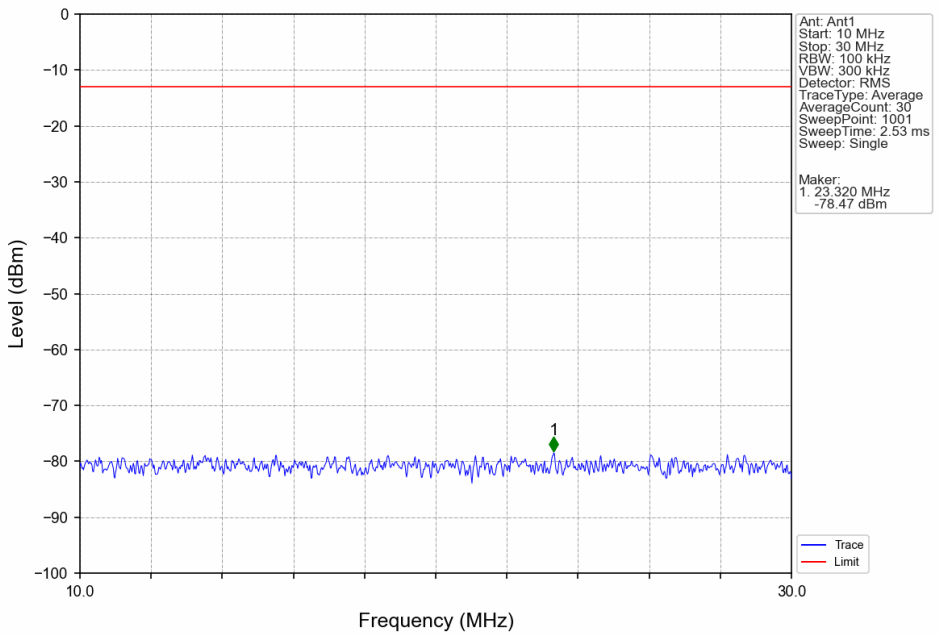
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



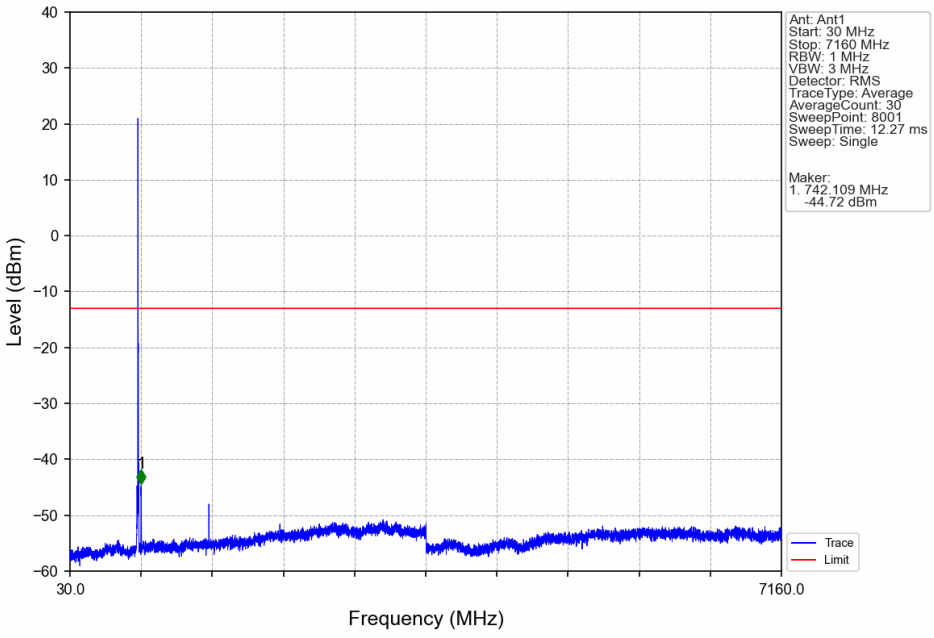
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

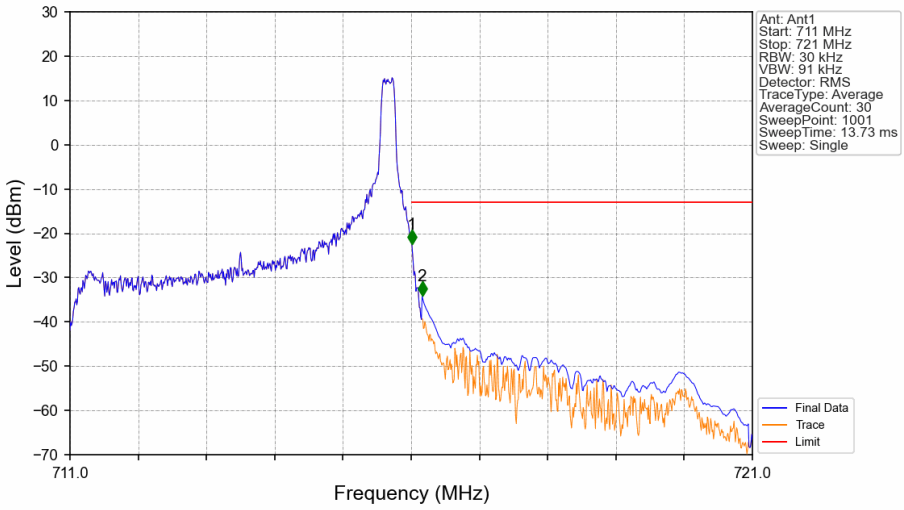


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



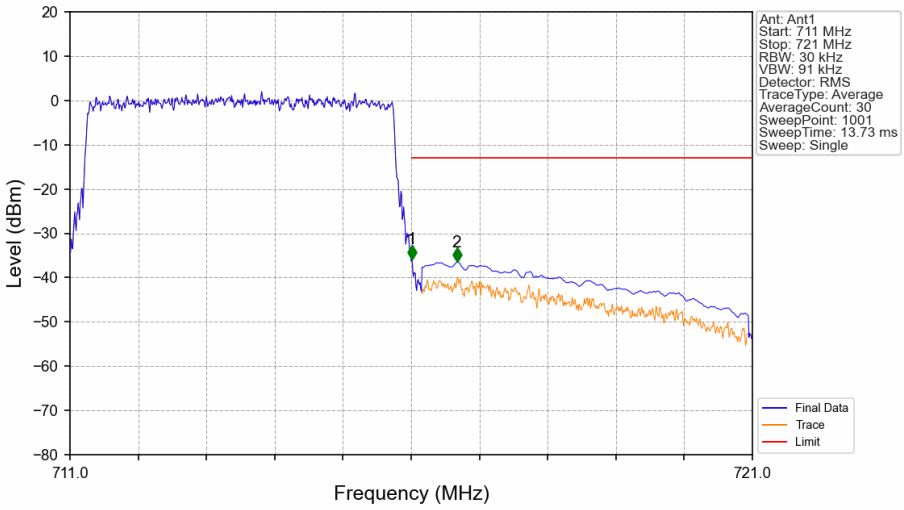
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-22.43	-13	Pass
716.1	721	0.1	CHP	2	716.160	-34.11	-13	Pass

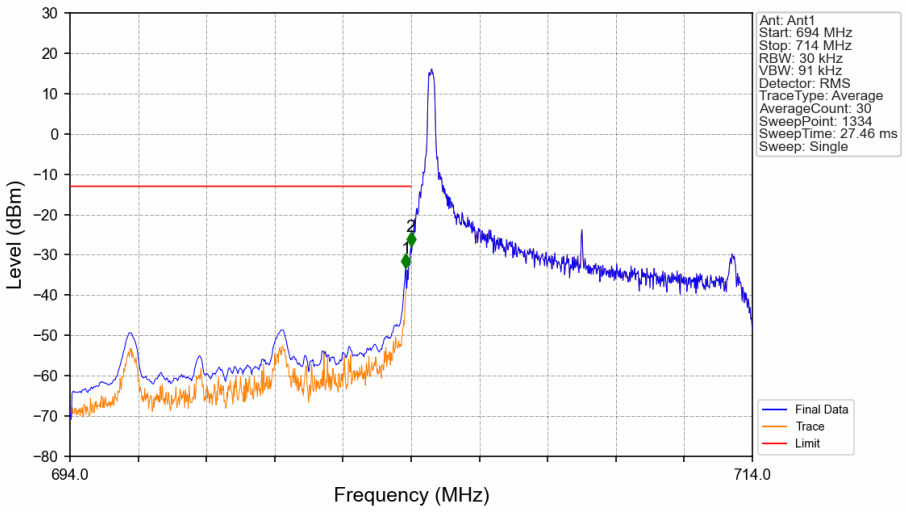
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-35.77	-13	Pass
716.1	721	0.1	CHP	2	716.670	-36.44	-13	Pass

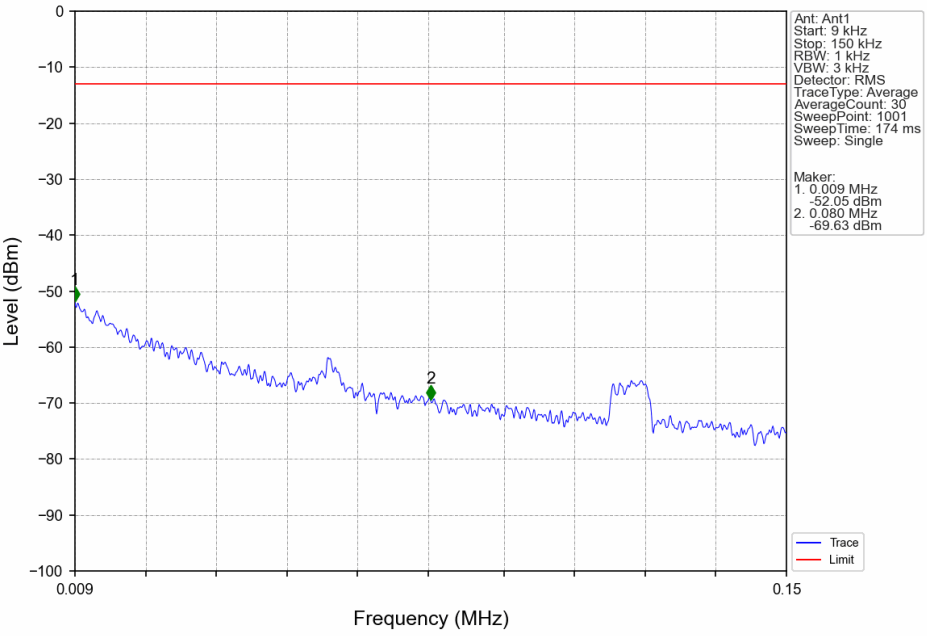
6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

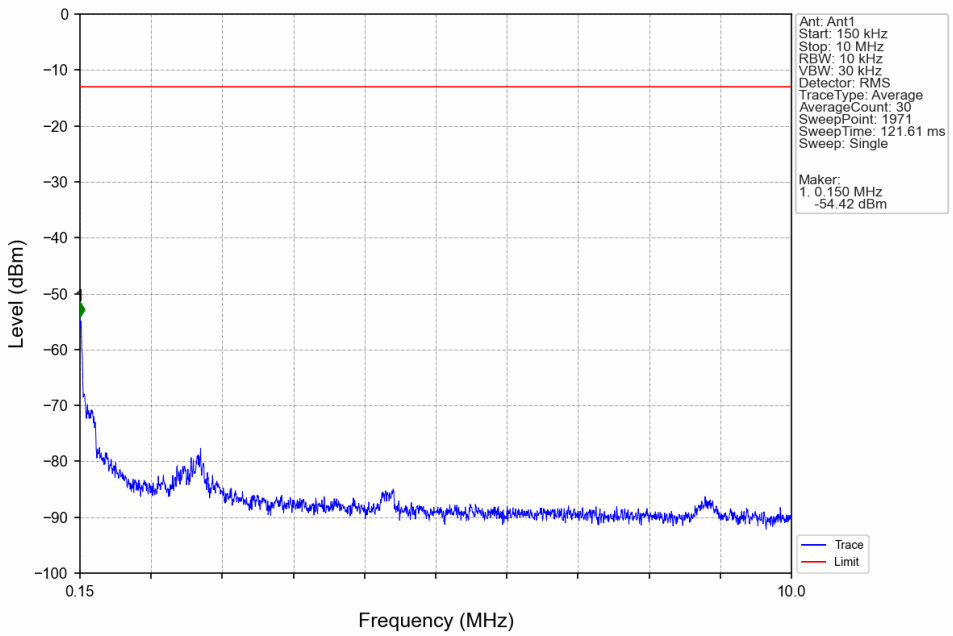


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-33.23	-13	Pass
703.9	704	0.03	/	2	703.992	-27.89	-13	Pass
704	714	0.03	/	/	/	/	/	/

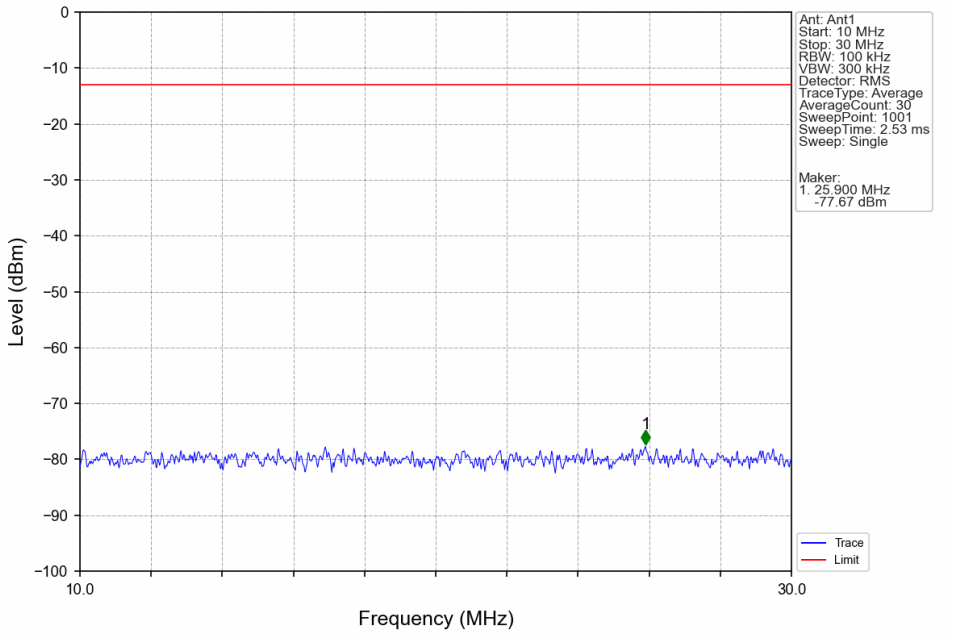
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

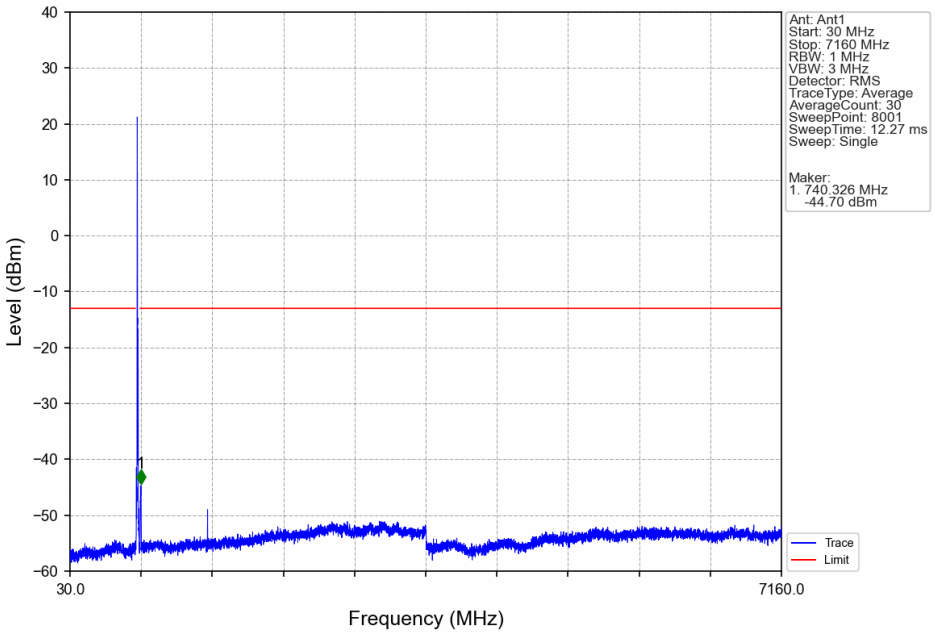


Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

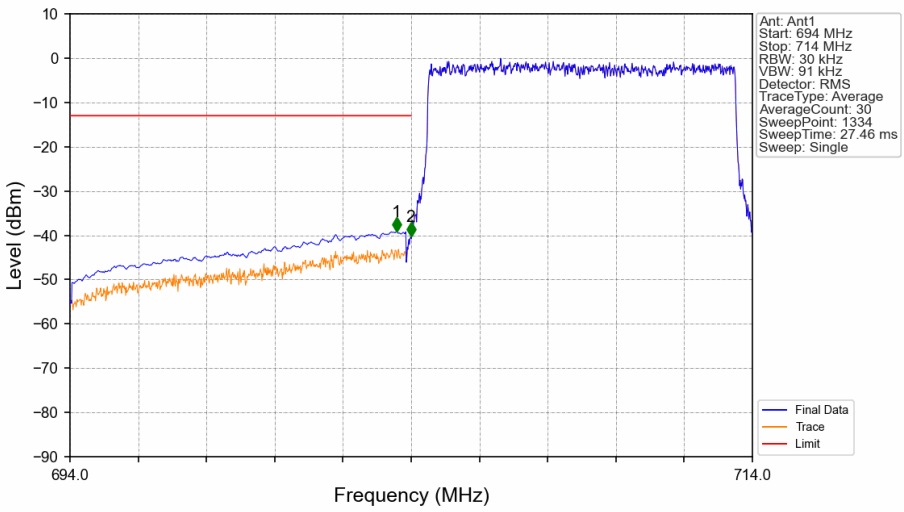


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

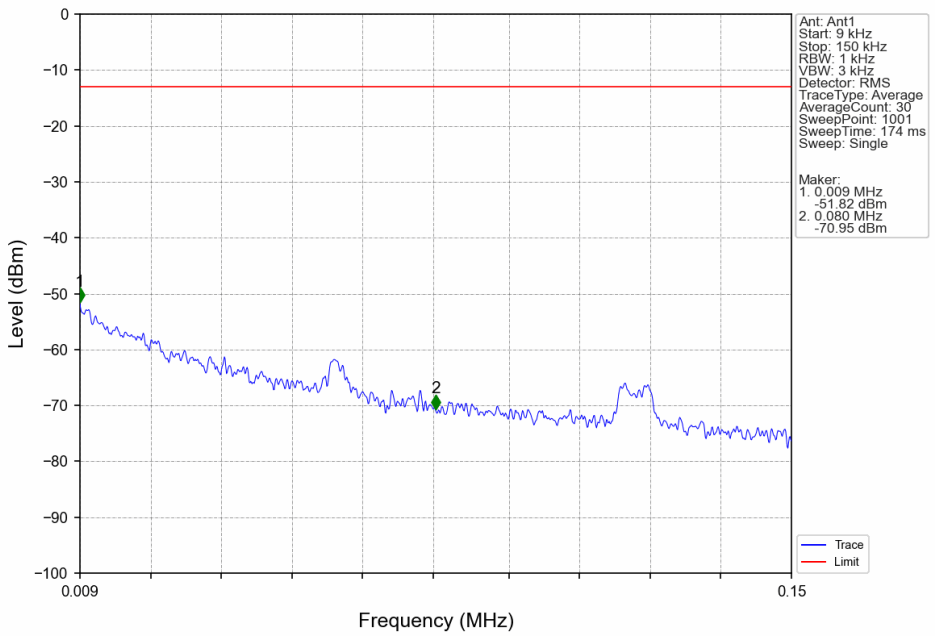


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

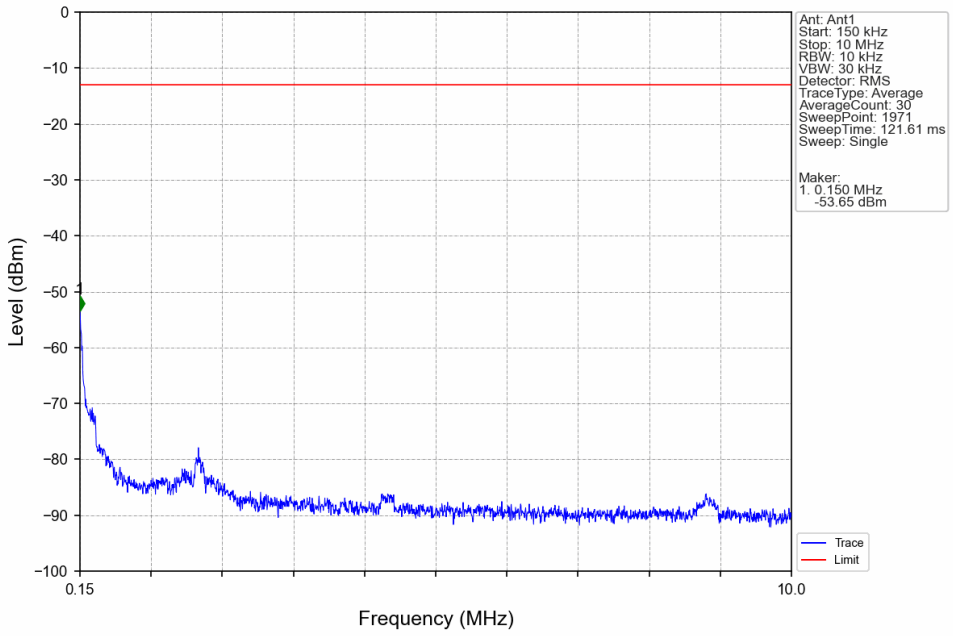


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.572	-39.04	-13	Pass
703.9	704	0.03	/	2	703.992	-40.26	-13	Pass
704	714	0.03	/	/	/	/	/	/

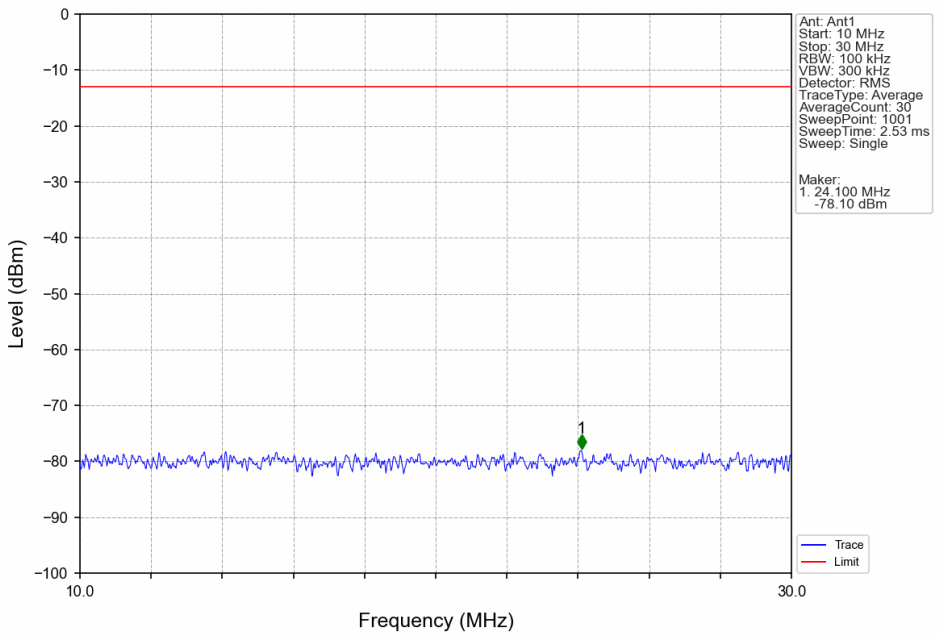
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



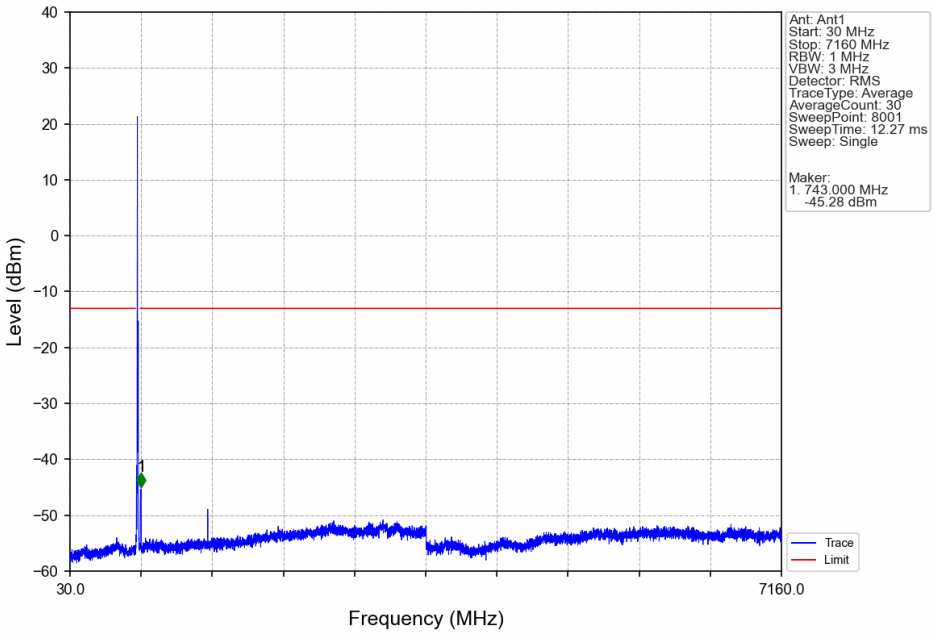
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



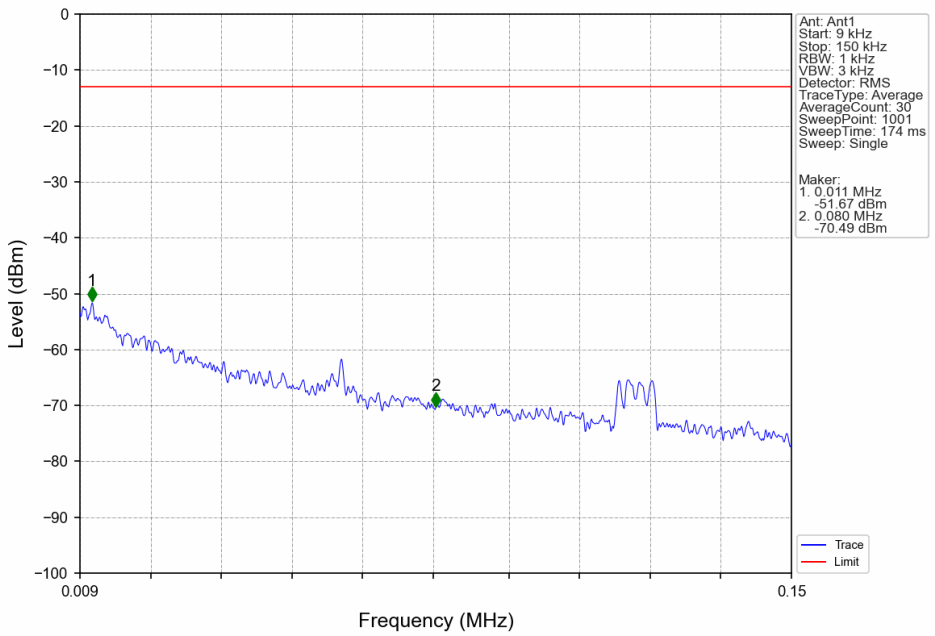
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



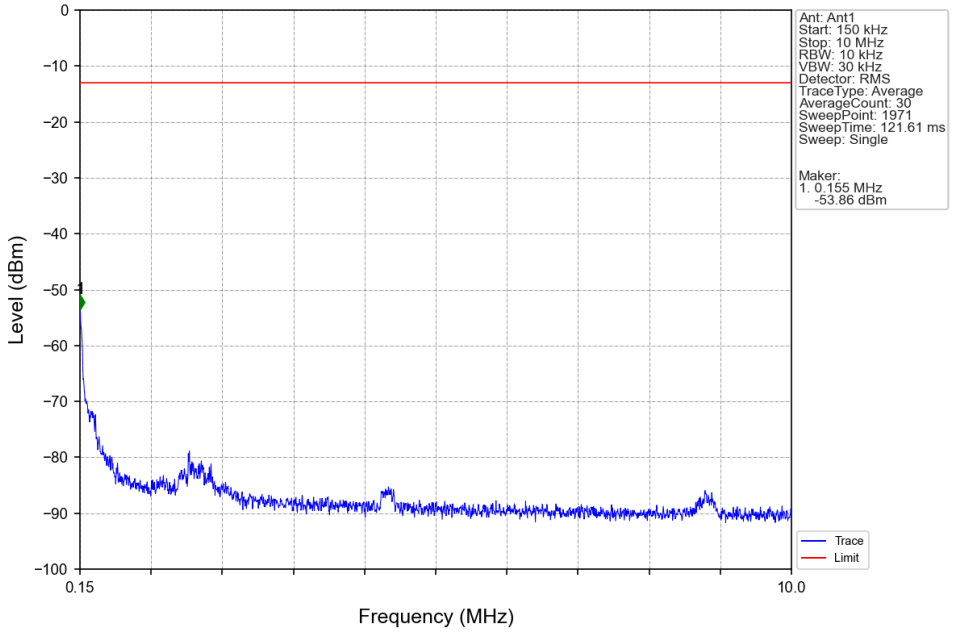
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



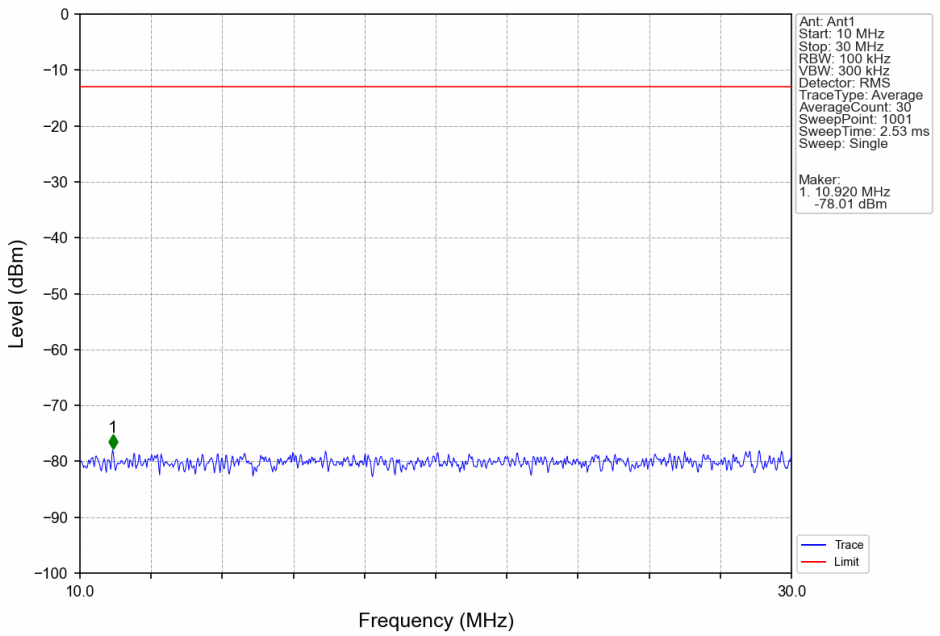
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



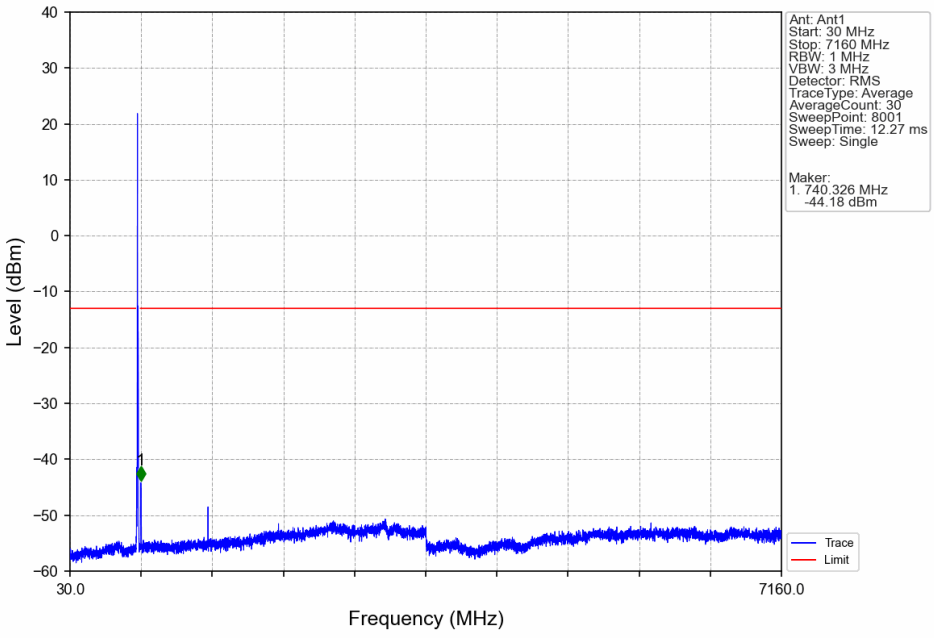
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

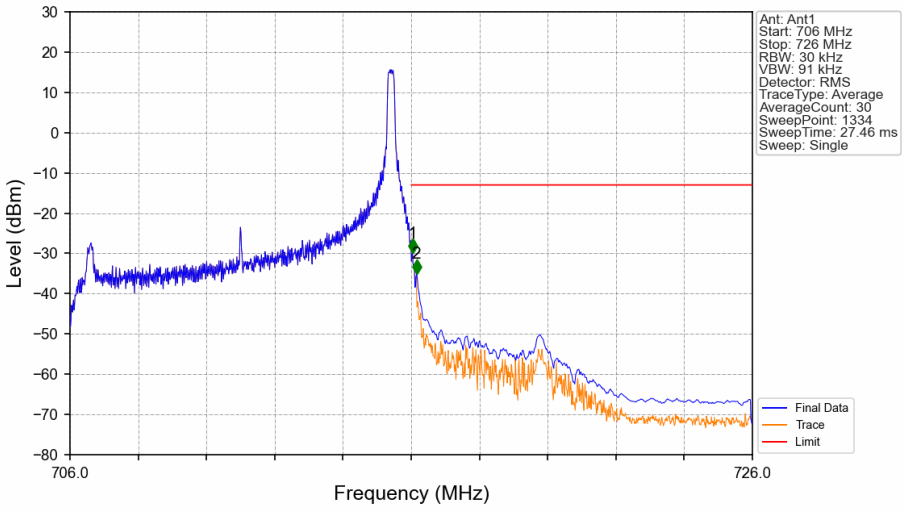


Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



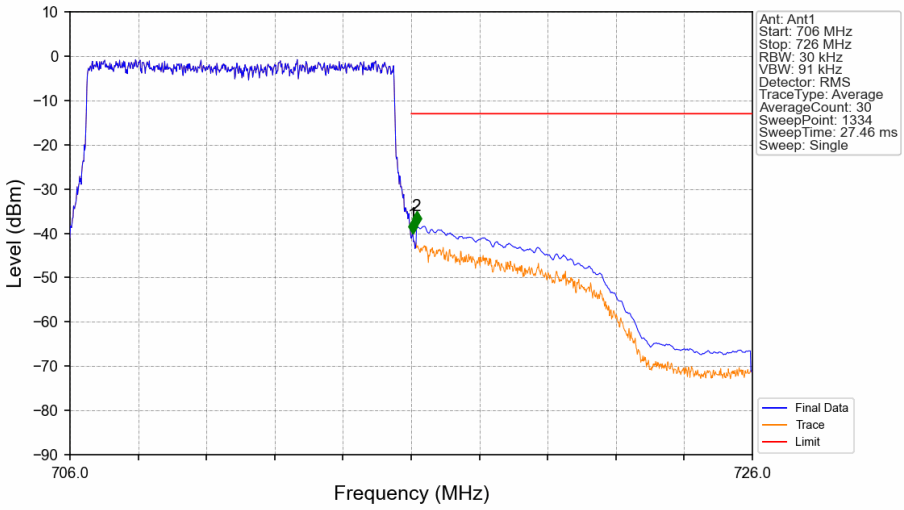
Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



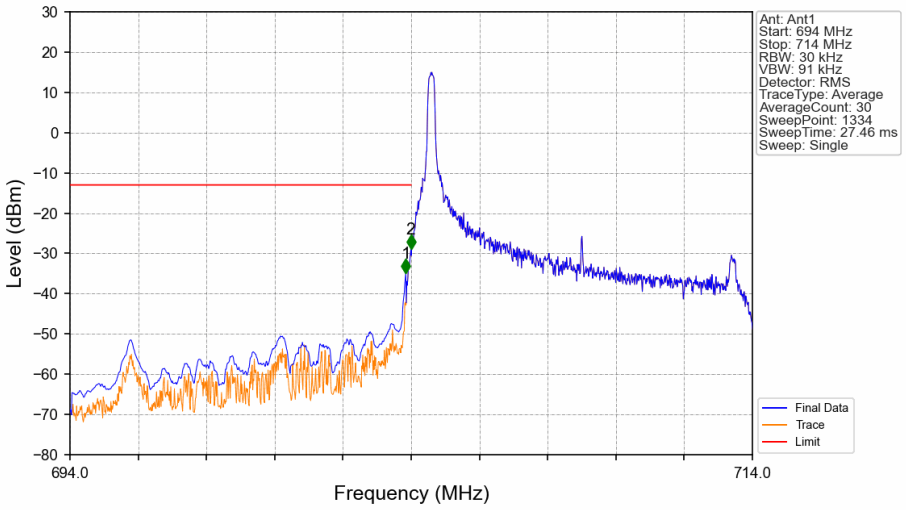
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-29.86	-13	Pass
716.1	726	0.1	CHP	2	716.158	-34.96	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



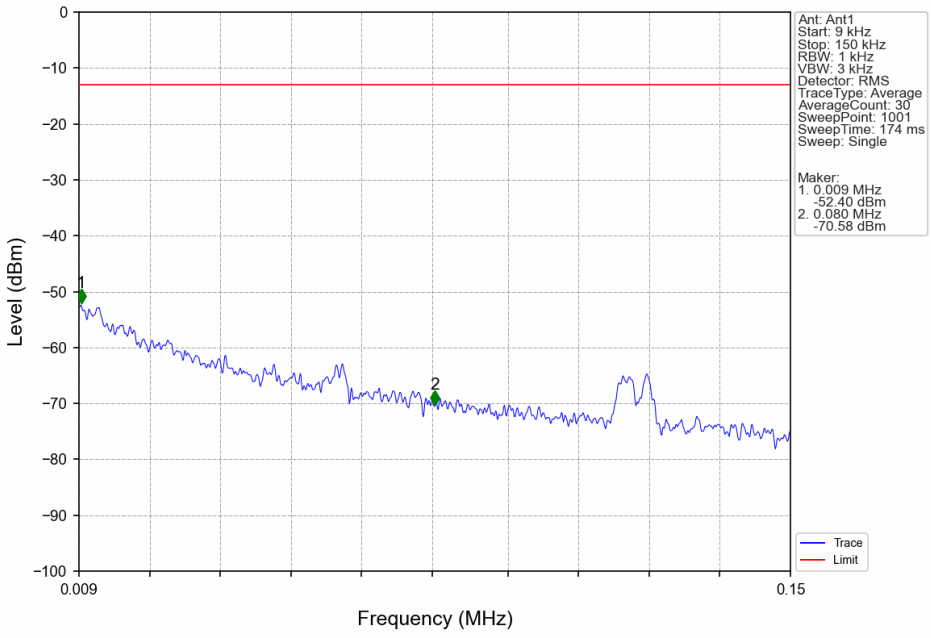
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-40.02	-13	Pass
716.1	726	0.1	CHP	2	716.158	-38.27	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



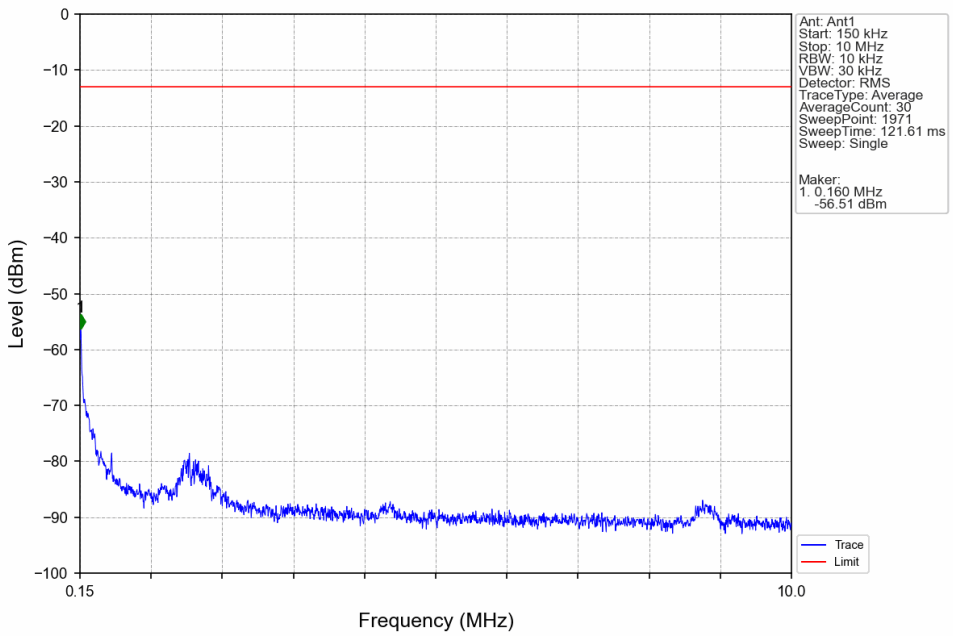
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-34.82	-13	Pass
703.9	704	0.03	/	2	703.992	-28.83	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

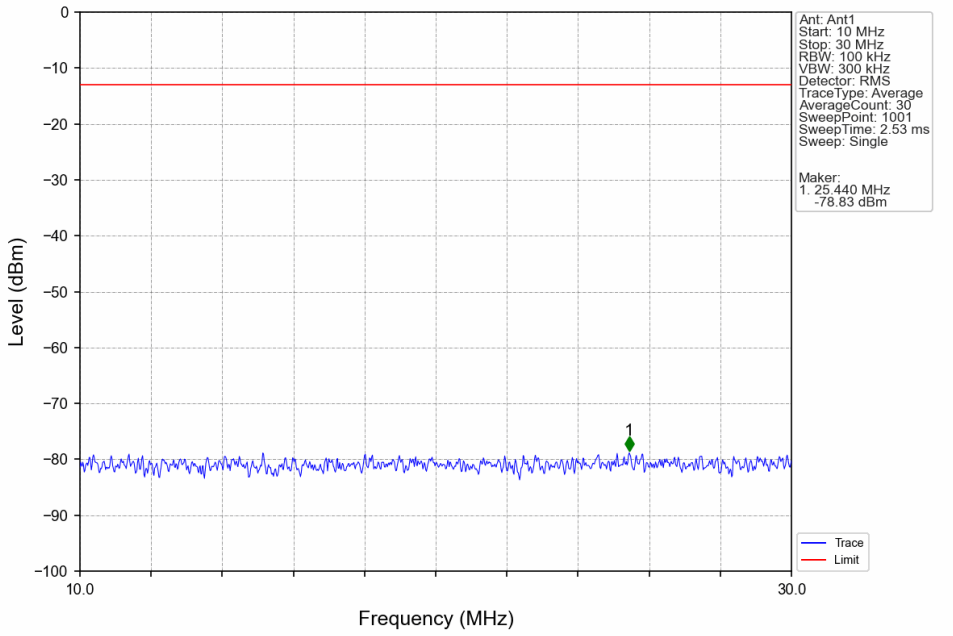


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

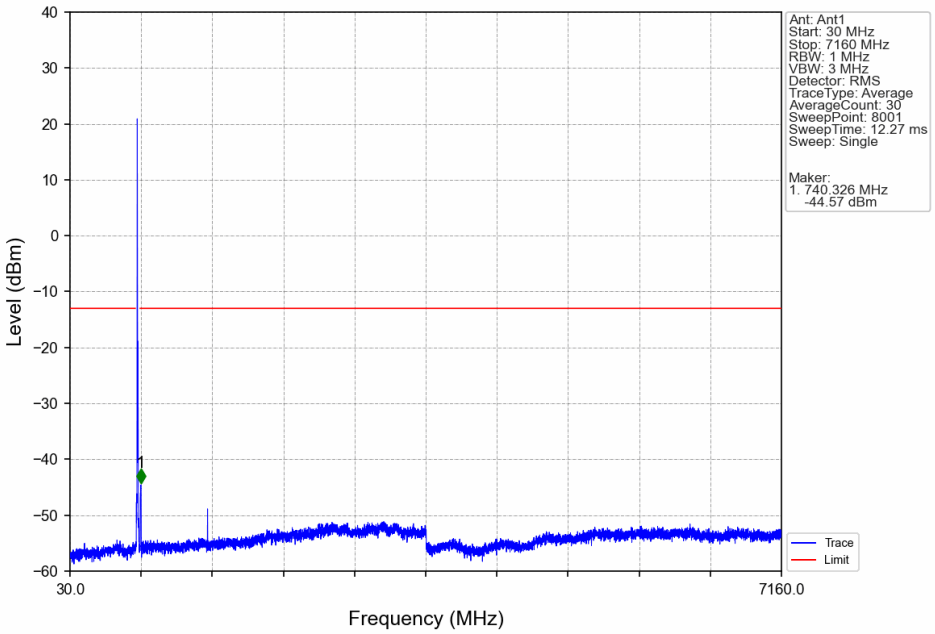


Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

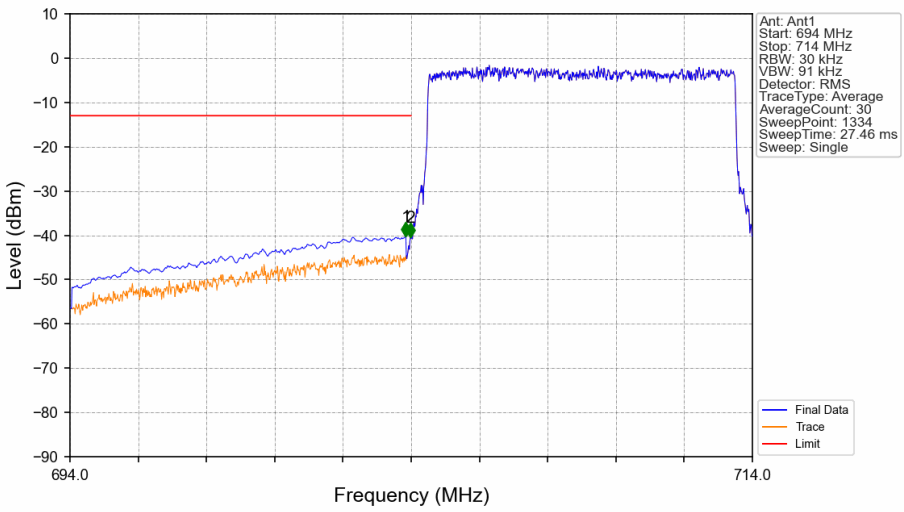


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



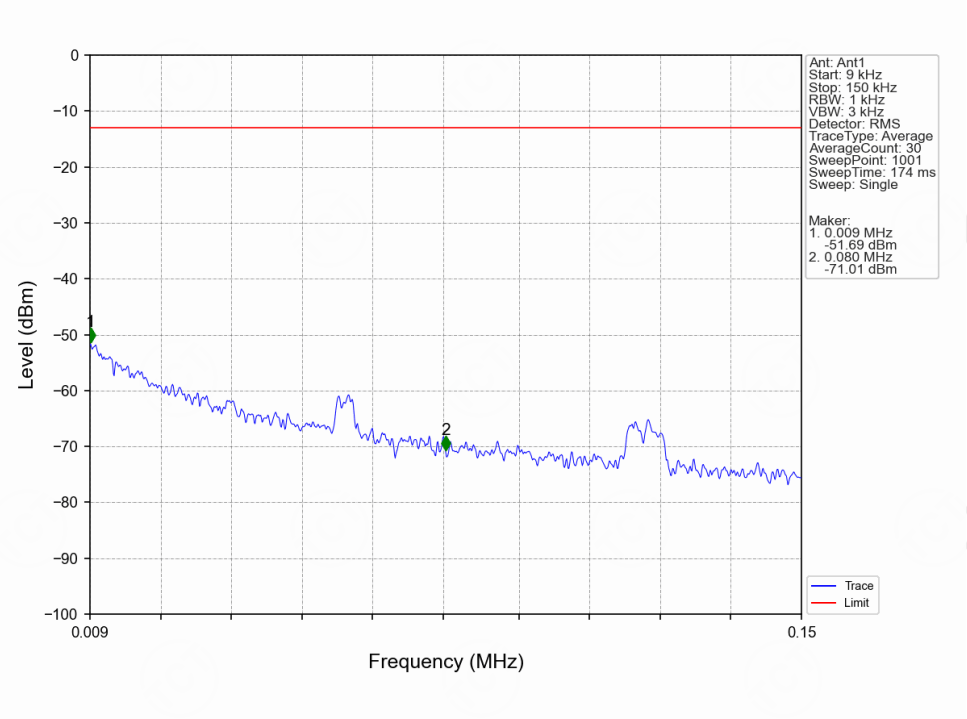
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



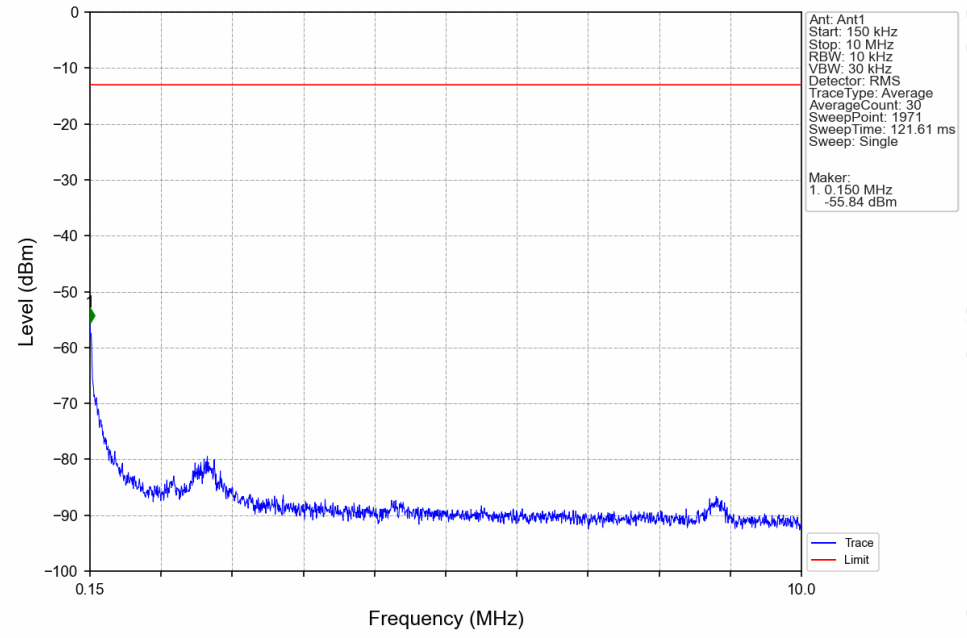
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-40.16	-13	Pass
703.9	704	0.03	/	2	703.977	-40.40	-13	Pass
704	714	0.03	/	/	/	/	/	/

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

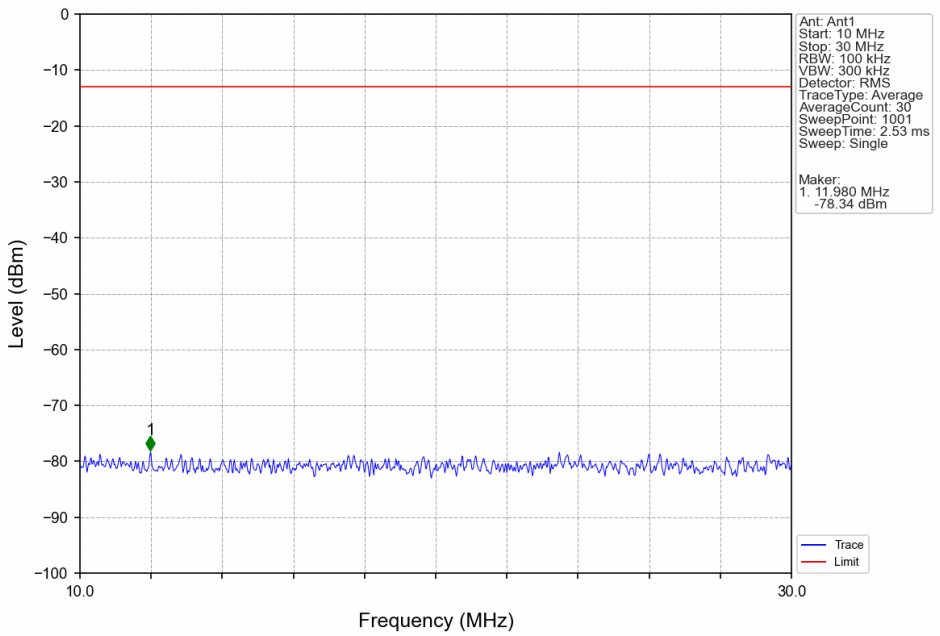
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



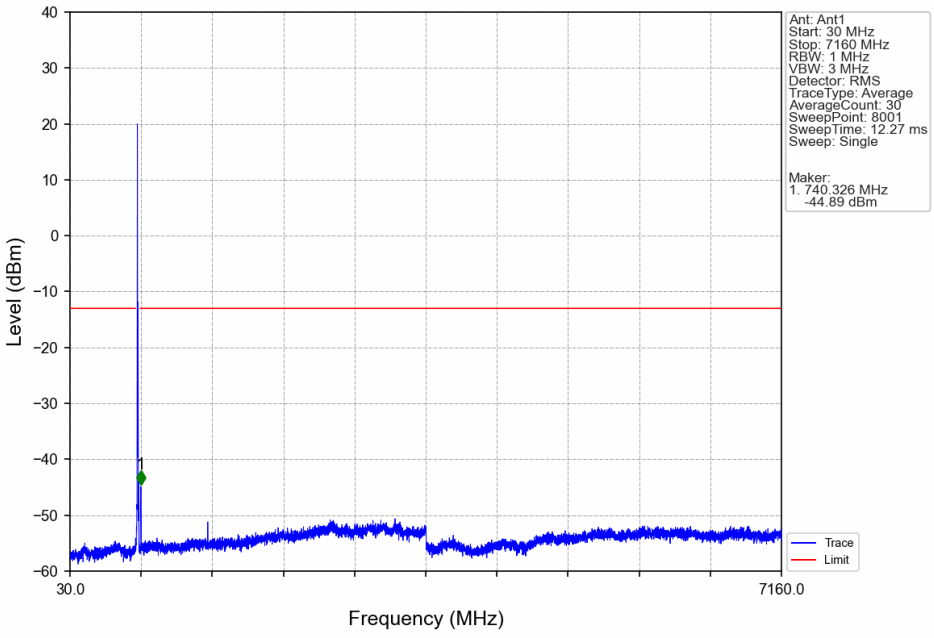
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



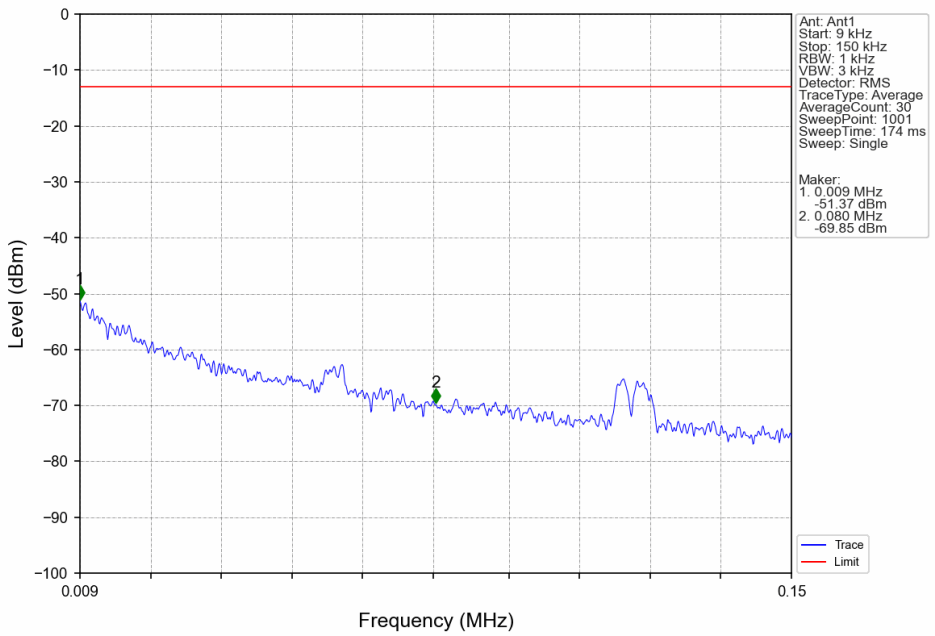
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



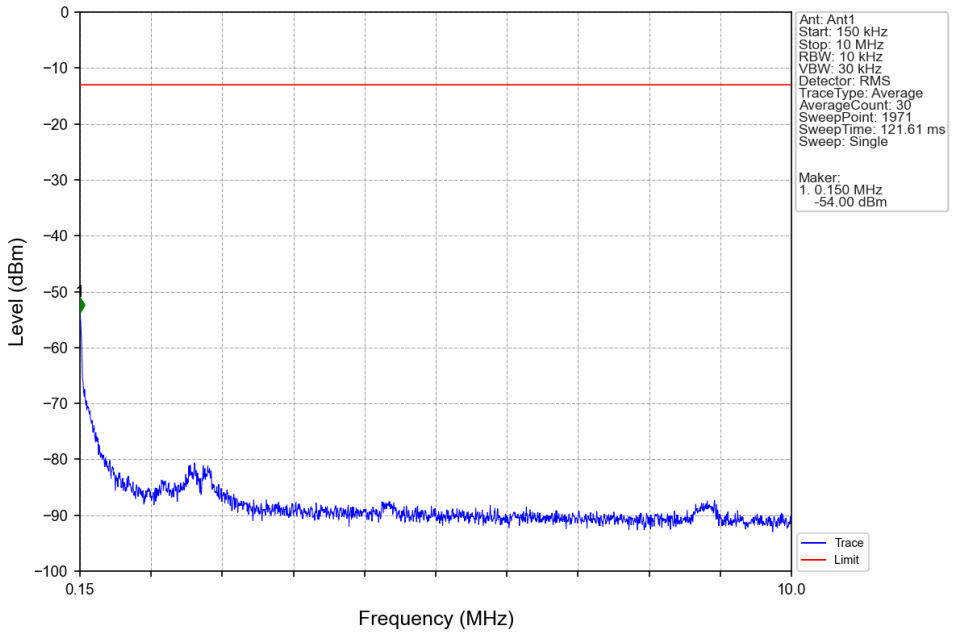
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

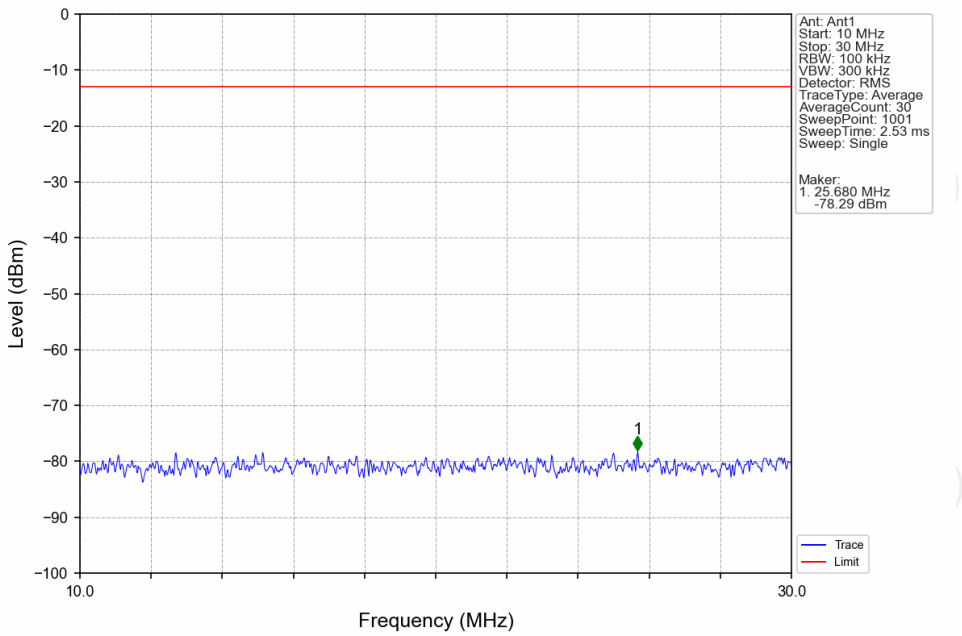


Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

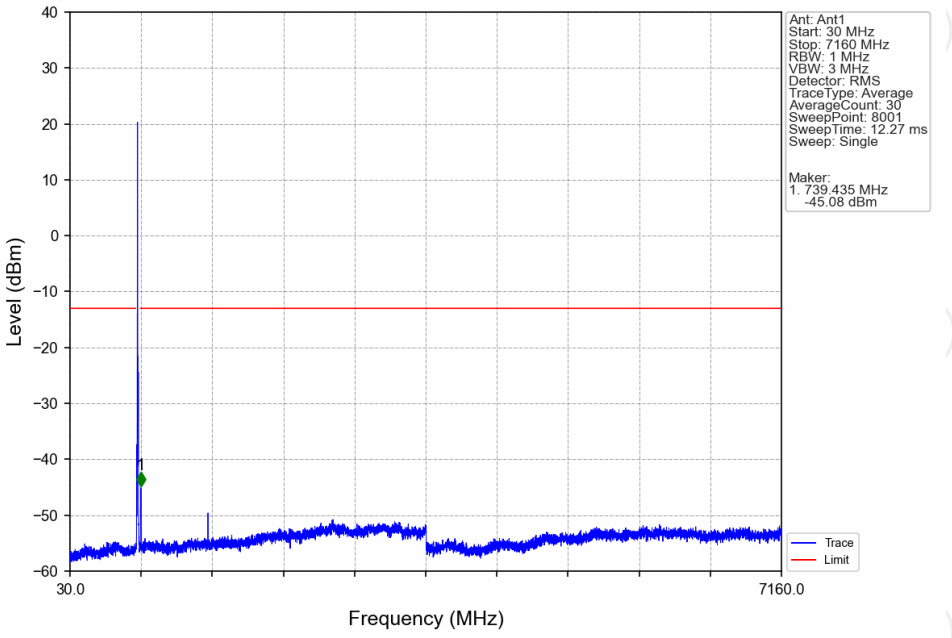


Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

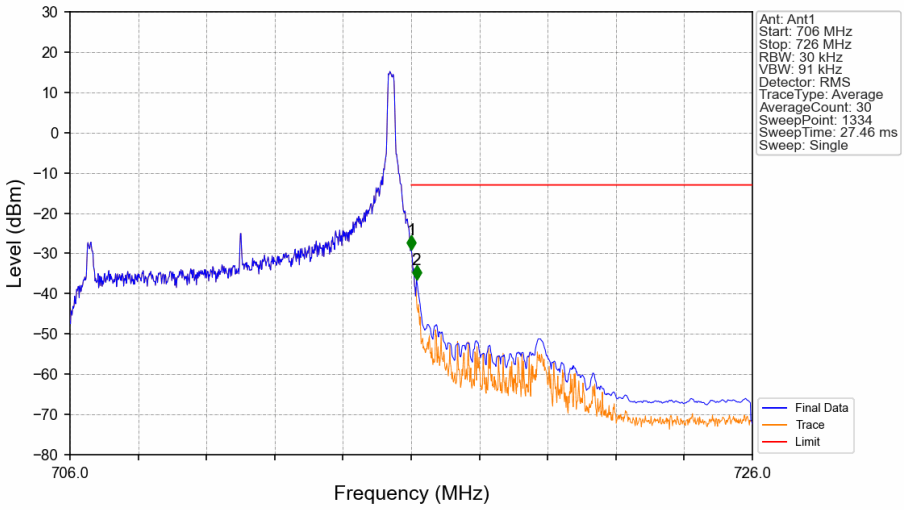
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

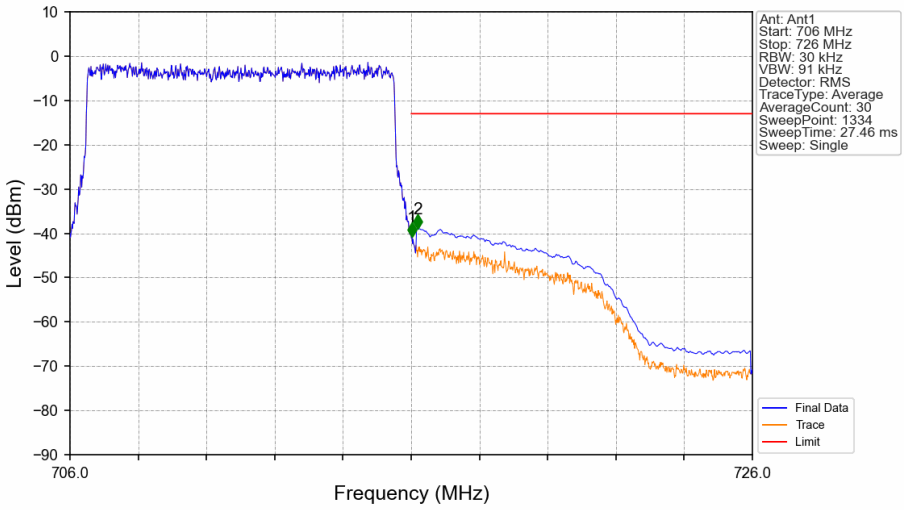


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-29.13	-13	Pass
716.1	726	0.1	CHP	2	716.158	-36.54	-13	Pass

Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-40.77	-13	Pass
716.1	726	0.1	CHP	2	716.188	-38.93	-13	Pass