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	23.79	-1.43	20.21	<=34.77	Pass
			13	23.57	-1.43	19.99	<=34.77	Pass
			24	23.56	-1.43	19.98	<=34.77	Pass
		12	0	22.79	-1.43	19.21	<=34.77	Pass
			6	22.85	-1.43	19.27	<=34.77	Pass
			13	22.69	-1.43	19.11	<=34.77	Pass
		25	0	22.77	-1.43	19.19	<=34.77	Pass
	710	1	0	23.72	-1.43	20.14	<=34.77	Pass
			13	23.68	-1.43	20.10	<=34.77	Pass
			24	23.68	-1.43	20.10	<=34.77	Pass
		12	0	22.69	-1.43	19.11	<=34.77	Pass
			6	22.75	-1.43	19.17	<=34.77	Pass
			13	22.67	-1.43	19.09	<=34.77	Pass
		25	0	22.58	-1.43	19.00	<=34.77	Pass
	713.5	1	0	23.59	-1.43	20.01	<=34.77	Pass
			13	23.50	-1.43	19.92	<=34.77	Pass
			24	23.45	-1.43	19.87	<=34.77	Pass
		12	0	22.54	-1.43	18.96	<=34.77	Pass
			6	22.49	-1.43	18.91	<=34.77	Pass
			13	22.39	-1.43	18.81	<=34.77	Pass
		25	0	22.59	-1.43	19.01	<=34.77	Pass
16QAM	706.5	1	0	22.70	-1.43	19.12	<=34.77	Pass
			13	22.74	-1.43	19.16	<=34.77	Pass
			24	22.35	-1.43	18.77	<=34.77	Pass
		12	0	21.81	-1.43	18.23	<=34.77	Pass
			6	21.73	-1.43	18.15	<=34.77	Pass
			13	21.74	-1.43	18.16	<=34.77	Pass
		25	0	21.72	-1.43	18.14	<=34.77	Pass
	710	1	0	22.45	-1.43	18.87	<=34.77	Pass
			13	22.37	-1.43	18.79	<=34.77	Pass
			24	22.39	-1.43	18.81	<=34.77	Pass
		12	0	21.50	-1.43	17.92	<=34.77	Pass
			6	21.55	-1.43	17.97	<=34.77	Pass
			13	21.58	-1.43	18.00	<=34.77	Pass
		25	0	21.51	-1.43	17.93	<=34.77	Pass
	713.5	1	0	21.75	-1.43	18.17	<=34.77	Pass
			13	21.69	-1.43	18.11	<=34.77	Pass
			24	21.66	-1.43	18.08	<=34.77	Pass
		12	0	21.55	-1.43	17.97	<=34.77	Pass
			6	21.49	-1.43	17.91	<=34.77	Pass
			13	21.53	-1.43	17.95	<=34.77	Pass
		25	0	21.65	-1.43	18.07	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B17_10MHz_ERP

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	23.68	-1.43	20.10	<=34.77	Pass
			25	23.61	-1.43	20.03	<=34.77	Pass
			49	23.63	-1.43	20.05	<=34.77	Pass
		25	0	22.65	-1.43	19.07	<=34.77	Pass
			13	22.70	-1.43	19.12	<=34.77	Pass
			25	22.66	-1.43	19.08	<=34.77	Pass
		50	0	22.54	-1.43	18.96	<=34.77	Pass
	710	1	0	23.60	-1.43	20.02	<=34.77	Pass
			25	23.54	-1.43	19.96	<=34.77	Pass
			49	23.51	-1.43	19.93	<=34.77	Pass
		25	0	22.67	-1.43	19.09	<=34.77	Pass
			13	22.74	-1.43	19.16	<=34.77	Pass
			25	22.69	-1.43	19.11	<=34.77	Pass
		50	0	22.76	-1.43	19.18	<=34.77	Pass
	711	1	0	23.76	-1.43	20.18	<=34.77	Pass
			25	23.58	-1.43	20.00	<=34.77	Pass
			49	23.59	-1.43	20.01	<=34.77	Pass
		25	0	22.60	-1.43	19.02	<=34.77	Pass
			13	22.55	-1.43	18.97	<=34.77	Pass
			25	22.61	-1.43	19.03	<=34.77	Pass
		50	0	22.68	-1.43	19.10	<=34.77	Pass
16QAM	709	1	0	22.72	-1.43	19.14	<=34.77	Pass
			25	22.68	-1.43	19.10	<=34.77	Pass
			49	22.72	-1.43	19.14	<=34.77	Pass
		25	0	21.74	-1.43	18.16	<=34.77	Pass
			13	21.58	-1.43	18.00	<=34.77	Pass
			25	21.66	-1.43	18.08	<=34.77	Pass
		50	0	21.61	-1.43	18.03	<=34.77	Pass
	710	1	0	22.38	-1.43	18.80	<=34.77	Pass
			25	22.32	-1.43	18.74	<=34.77	Pass
			49	22.22	-1.43	18.64	<=34.77	Pass
		25	0	21.90	-1.43	18.32	<=34.77	Pass
			13	21.77	-1.43	18.19	<=34.77	Pass
			25	21.86	-1.43	18.28	<=34.77	Pass
		50	0	21.71	-1.43	18.13	<=34.77	Pass
	711	1	0	23.45	-1.43	19.87	<=34.77	Pass
			25	23.30	-1.43	19.72	<=34.77	Pass
			49	23.28	-1.43	19.70	<=34.77	Pass
		25	0	21.75	-1.43	18.17	<=34.77	Pass
			13	21.60	-1.43	18.02	<=34.77	Pass
			25	21.70	-1.43	18.12	<=34.77	Pass
		50	0	21.62	-1.43	18.04	<=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	
QPSK	706.5	25	0	20	3.27	-2.618	-0.0037	-2.5 to 2.5	Pass

					3.85	5.779	0.0082	-2.5 to 2.5	Pass
					4.43	12.889	0.0182	-2.5 to 2.5	Pass
				-30	3.85	22.631	0.0320	-2.5 to 2.5	Pass
				-20	3.85	33.760	0.0478	-2.5 to 2.5	Pass
				-10	3.85	39.682	0.0562	-2.5 to 2.5	Pass
				0	3.85	42.286	0.0599	-2.5 to 2.5	Pass
				10	3.85	39.282	0.0556	-2.5 to 2.5	Pass
				30	3.85	34.833	0.0493	-2.5 to 2.5	Pass
				40	3.85	30.198	0.0427	-2.5 to 2.5	Pass
				50	3.85	31.500	0.0446	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-3.977	-0.0056	-2.5 to 2.5	Pass
					3.85	-5.622	-0.0079	-2.5 to 2.5	Pass
					4.43	-3.891	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-1.259	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-1.602	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-13.418	-0.0189	-2.5 to 2.5	Pass
				0	3.85	-30.856	-0.0435	-2.5 to 2.5	Pass
				10	3.85	-38.452	-0.0542	-2.5 to 2.5	Pass
				30	3.85	-40.555	-0.0571	-2.5 to 2.5	Pass
				40	3.85	-37.394	-0.0527	-2.5 to 2.5	Pass
				50	3.85	-36.149	-0.0509	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-3.319	-0.0047	-2.5 to 2.5	Pass
					3.85	2.446	0.0034	-2.5 to 2.5	Pass
					4.43	3.748	0.0053	-2.5 to 2.5	Pass
				-30	3.85	5.178	0.0073	-2.5 to 2.5	Pass
				-20	3.85	7.067	0.0099	-2.5 to 2.5	Pass
				-10	3.85	8.798	0.0123	-2.5 to 2.5	Pass
				0	3.85	9.484	0.0133	-2.5 to 2.5	Pass
				10	3.85	7.939	0.0111	-2.5 to 2.5	Pass
				30	3.85	-0.815	-0.0011	-2.5 to 2.5	Pass
				40	3.85	-16.365	-0.0229	-2.5 to 2.5	Pass
				50	3.85	-21.286	-0.0298	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	30.842	0.0437	-2.5 to 2.5	Pass
					3.85	28.968	0.0410	-2.5 to 2.5	Pass
					4.43	25.778	0.0365	-2.5 to 2.5	Pass
				-30	3.85	25.206	0.0357	-2.5 to 2.5	Pass
				-20	3.85	22.330	0.0316	-2.5 to 2.5	Pass
				-10	3.85	21.400	0.0303	-2.5 to 2.5	Pass
				0	3.85	22.287	0.0315	-2.5 to 2.5	Pass
				10	3.85	17.982	0.0255	-2.5 to 2.5	Pass
				30	3.85	15.178	0.0215	-2.5 to 2.5	Pass
				40	3.85	15.364	0.0217	-2.5 to 2.5	Pass
				50	3.85	14.977	0.0212	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-37.537	-0.0529	-2.5 to 2.5	Pass
					3.85	-37.780	-0.0532	-2.5 to 2.5	Pass
					4.43	-38.581	-0.0543	-2.5 to 2.5	Pass
				-30	3.85	-38.309	-0.0540	-2.5 to 2.5	Pass
				-20	3.85	-35.691	-0.0503	-2.5 to 2.5	Pass
				-10	3.85	-41.413	-0.0583	-2.5 to 2.5	Pass
				0	3.85	-46.821	-0.0659	-2.5 to 2.5	Pass
				10	3.85	-46.477	-0.0655	-2.5 to 2.5	Pass
				30	3.85	-43.173	-0.0608	-2.5 to 2.5	Pass
				40	3.85	-43.688	-0.0615	-2.5 to 2.5	Pass
				50	3.85	-42.944	-0.0605	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-18.139	-0.0254	-2.5 to 2.5	Pass
					3.85	-15.264	-0.0214	-2.5 to 2.5	Pass
					4.43	-12.345	-0.0173	-2.5 to 2.5	Pass
				-30	3.85	-10.371	-0.0145	-2.5 to 2.5	Pass
				-20	3.85	-7.467	-0.0105	-2.5 to 2.5	Pass

				-10	3.85	-7.811	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-6.208	-0.0087	-2.5 to 2.5	Pass
				10	3.85	-5.665	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-3.748	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-2.604	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-0.472	-0.0007	-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	-1.073	-0.0015	-2.5 to 2.5	Pass
					3.85	-0.672	-0.0009	-2.5 to 2.5	Pass
					4.43	3.161	0.0045	-2.5 to 2.5	Pass
				-30	3.85	7.296	0.0103	-2.5 to 2.5	Pass
				-20	3.85	12.732	0.0180	-2.5 to 2.5	Pass
				-10	3.85	14.977	0.0211	-2.5 to 2.5	Pass
				0	3.85	15.306	0.0216	-2.5 to 2.5	Pass
				10	3.85	14.834	0.0209	-2.5 to 2.5	Pass
				30	3.85	11.401	0.0161	-2.5 to 2.5	Pass
				40	3.85	9.527	0.0134	-2.5 to 2.5	Pass
				50	3.85	8.597	0.0121	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-1.845	-0.0026	-2.5 to 2.5	Pass
					3.85	0.114	0.0002	-2.5 to 2.5	Pass
					4.43	3.619	0.0051	-2.5 to 2.5	Pass
				-30	3.85	3.247	0.0046	-2.5 to 2.5	Pass
				-20	3.85	5.164	0.0073	-2.5 to 2.5	Pass
				-10	3.85	7.052	0.0099	-2.5 to 2.5	Pass
				0	3.85	3.161	0.0045	-2.5 to 2.5	Pass
				10	3.85	-0.615	-0.0009	-2.5 to 2.5	Pass
				30	3.85	-2.689	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-5.550	-0.0078	-2.5 to 2.5	Pass
				50	3.85	-8.726	-0.0123	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-5.107	-0.0072	-2.5 to 2.5	Pass
					3.85	-1.645	-0.0023	-2.5 to 2.5	Pass
					4.43	5.279	0.0074	-2.5 to 2.5	Pass
				-30	3.85	10.171	0.0143	-2.5 to 2.5	Pass
				-20	3.85	9.670	0.0136	-2.5 to 2.5	Pass
				-10	3.85	3.405	0.0048	-2.5 to 2.5	Pass
				0	3.85	4.807	0.0068	-2.5 to 2.5	Pass
				10	3.85	3.061	0.0043	-2.5 to 2.5	Pass
				30	3.85	3.591	0.0051	-2.5 to 2.5	Pass
				40	3.85	1.416	0.0020	-2.5 to 2.5	Pass
				50	3.85	0.043	0.0001	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	8.969	0.0127	-2.5 to 2.5	Pass
					3.85	9.928	0.0140	-2.5 to 2.5	Pass
					4.43	12.660	0.0179	-2.5 to 2.5	Pass
				-30	3.85	13.032	0.0184	-2.5 to 2.5	Pass
				-20	3.85	12.732	0.0180	-2.5 to 2.5	Pass
				-10	3.85	14.992	0.0211	-2.5 to 2.5	Pass
				0	3.85	18.210	0.0257	-2.5 to 2.5	Pass
				10	3.85	18.868	0.0266	-2.5 to 2.5	Pass
				30	3.85	19.970	0.0282	-2.5 to 2.5	Pass
				40	3.85	21.143	0.0298	-2.5 to 2.5	Pass
				50	3.85	20.442	0.0288	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-8.655	-0.0122	-2.5 to 2.5	Pass
					3.85	-12.031	-0.0169	-2.5 to 2.5	Pass

					4.43	-13.576	-0.0191	-2.5 to 2.5	Pass
				-30	3.85	-14.677	-0.0207	-2.5 to 2.5	Pass
				-20	3.85	-15.206	-0.0214	-2.5 to 2.5	Pass
				-10	3.85	-10.400	-0.0146	-2.5 to 2.5	Pass
				0	3.85	-8.826	-0.0124	-2.5 to 2.5	Pass
				10	3.85	-10.057	-0.0142	-2.5 to 2.5	Pass
				30	3.85	-8.883	-0.0125	-2.5 to 2.5	Pass
				40	3.85	-18.525	-0.0261	-2.5 to 2.5	Pass
				50	3.85	-22.774	-0.0321	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-3.047	-0.0043	-2.5 to 2.5	Pass
					3.85	-1.602	-0.0023	-2.5 to 2.5	Pass
					4.43	-1.702	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	1.130	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.043	-0.0001	-2.5 to 2.5	Pass
				0	3.85	2.460	0.0035	-2.5 to 2.5	Pass
				10	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.788	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-2.646	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-3.133	-0.0044	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

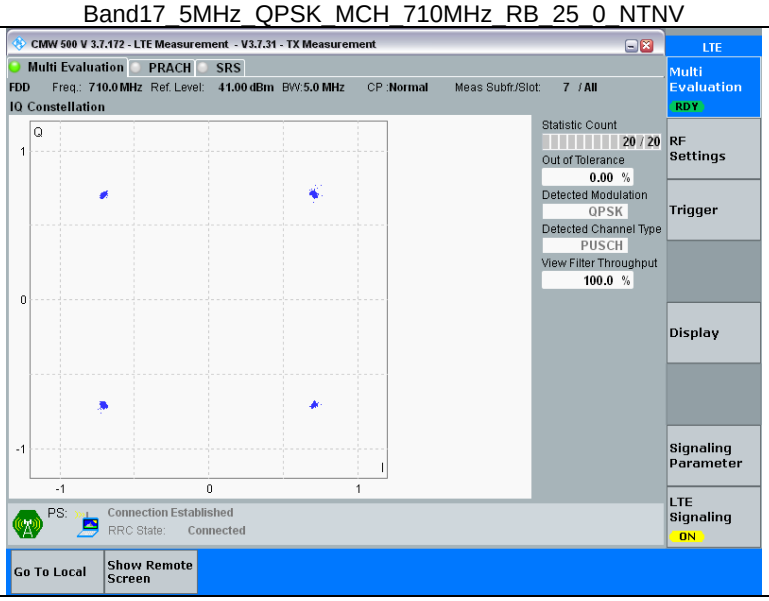
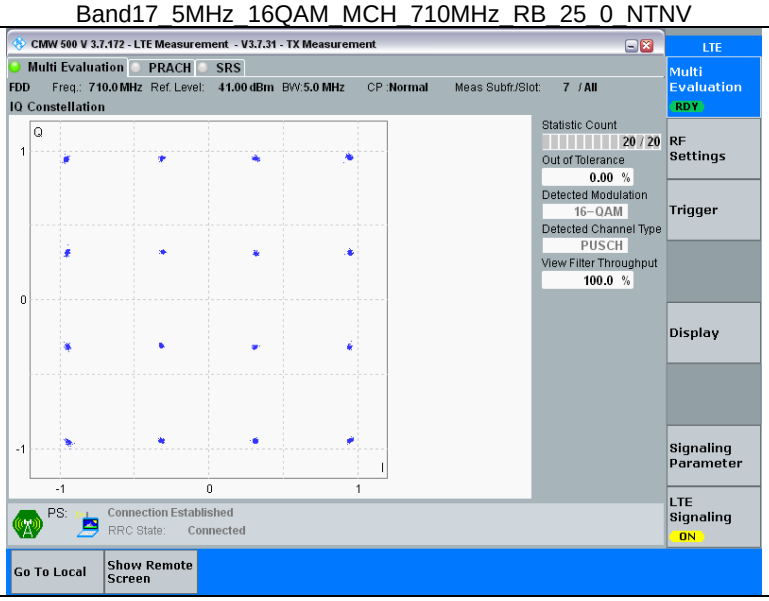
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

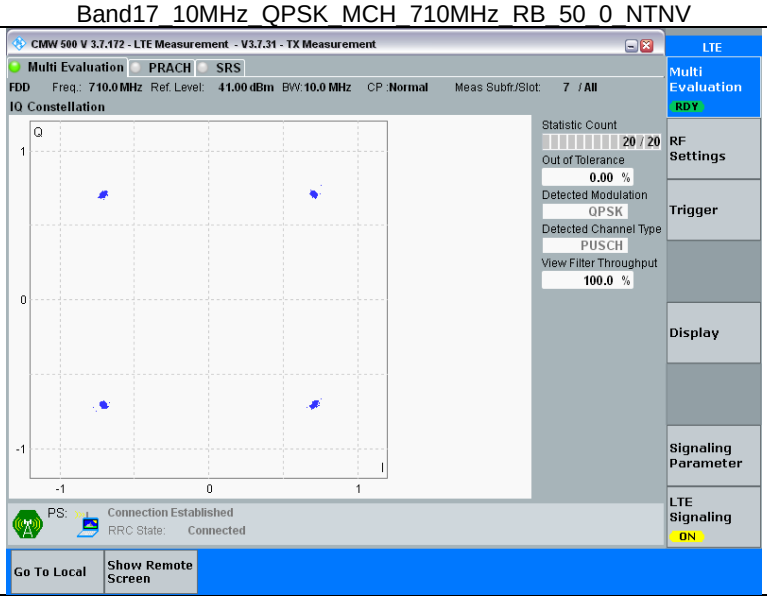
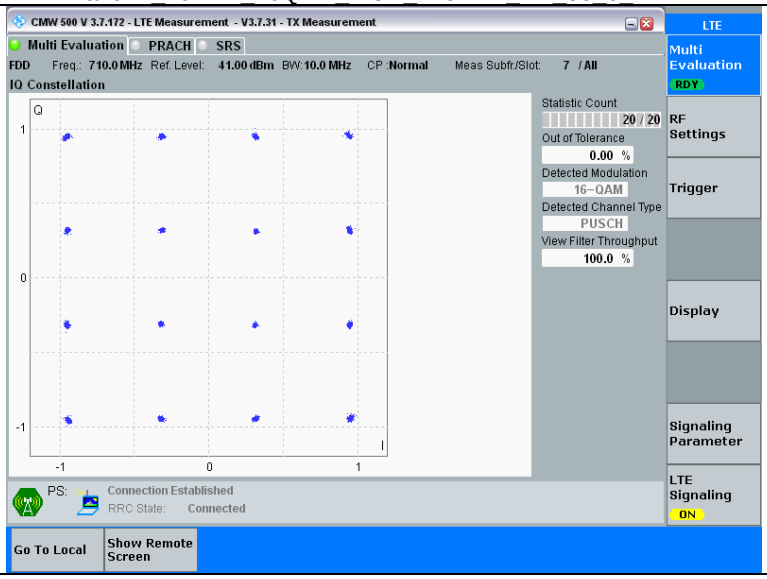
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	50	0	Refer To Test Graph		Pass

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	4.545	/	Pass
		710	25	0	4.545	/	Pass
		713.5	25	0	4.561	/	Pass
	16QAM	706.5	25	0	4.537	/	Pass
		710	25	0	4.578	/	Pass
		713.5	25	0	4.564	/	Pass
10	QPSK	709	50	0	9.040	/	Pass
		710	50	0	9.063	/	Pass
		711	50	0	9.062	/	Pass
	16QAM	709	50	0	9.073	/	Pass
		710	50	0	9.047	/	Pass
		711	50	0	9.077	/	Pass

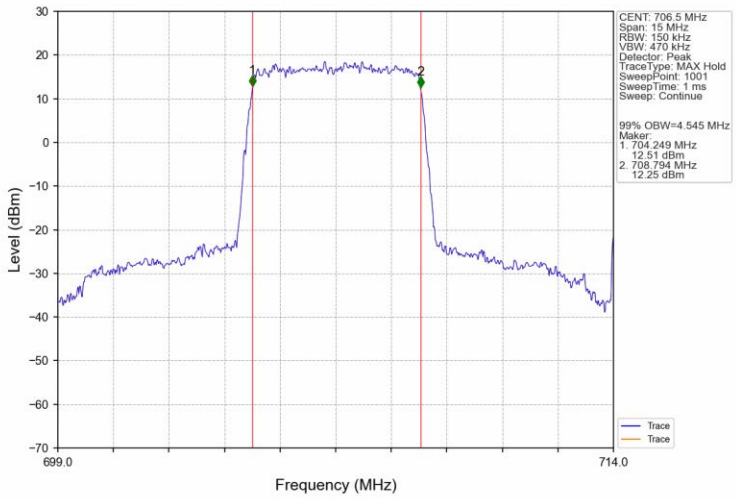
4.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.041	/	Pass
		710	25	0	5.030	/	Pass
		713.5	25	0	5.039	/	Pass
	16QAM	706.5	25	0	5.060	/	Pass
		710	25	0	5.049	/	Pass
		713.5	25	0	5.069	/	Pass
10	QPSK	709	50	0	10.025	/	Pass
		710	50	0	10.008	/	Pass
		711	50	0	10.019	/	Pass
	16QAM	709	50	0	9.993	/	Pass
		710	50	0	10.080	/	Pass
		711	50	0	10.064	/	Pass

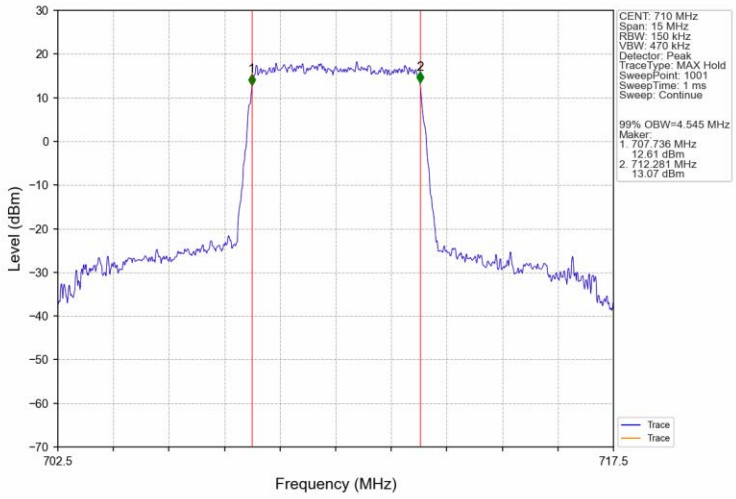
4.2 Test Graph

4.2.1 Band17_OBW

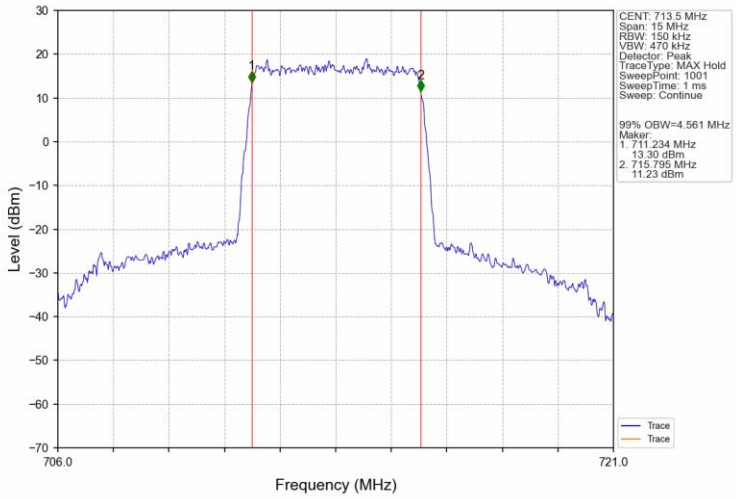
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



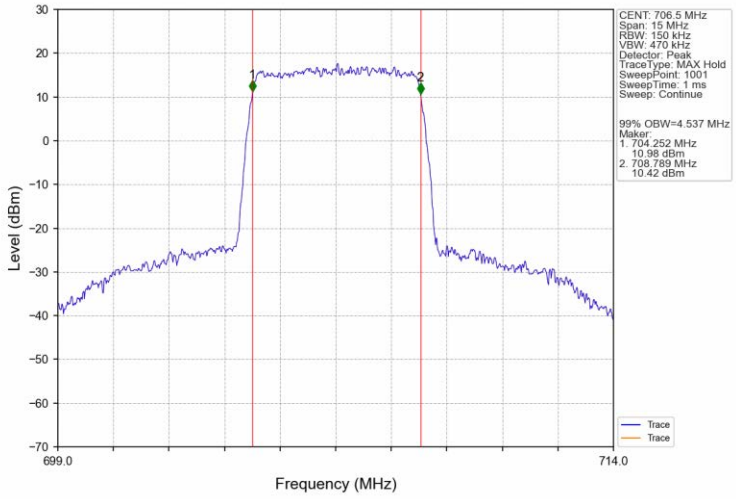
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



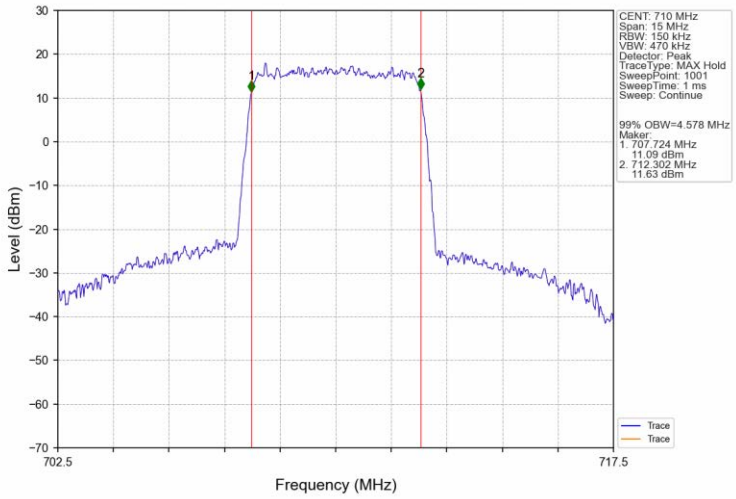
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



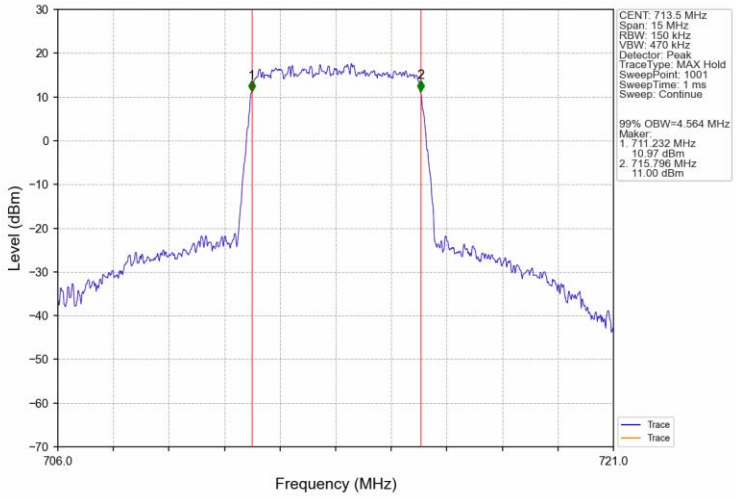
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



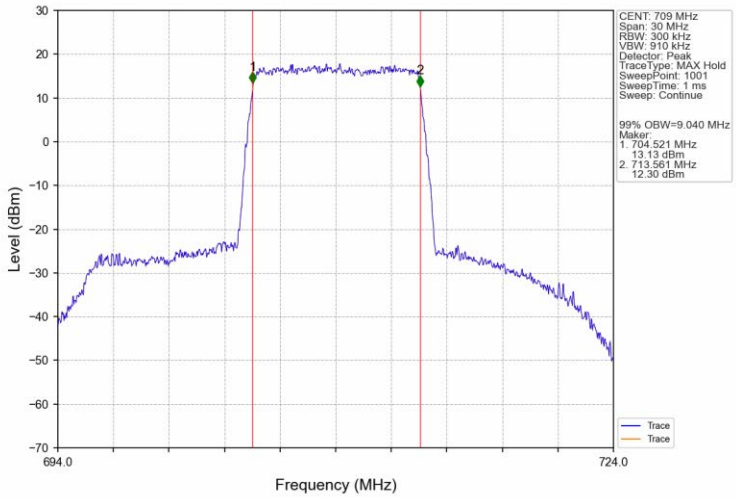
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



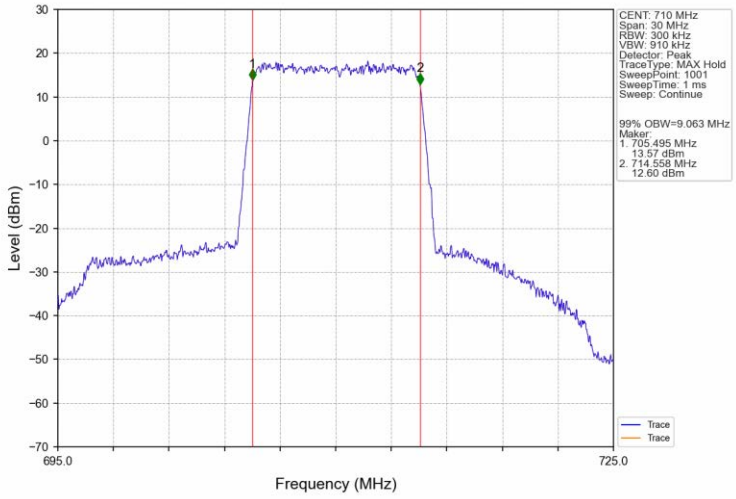
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



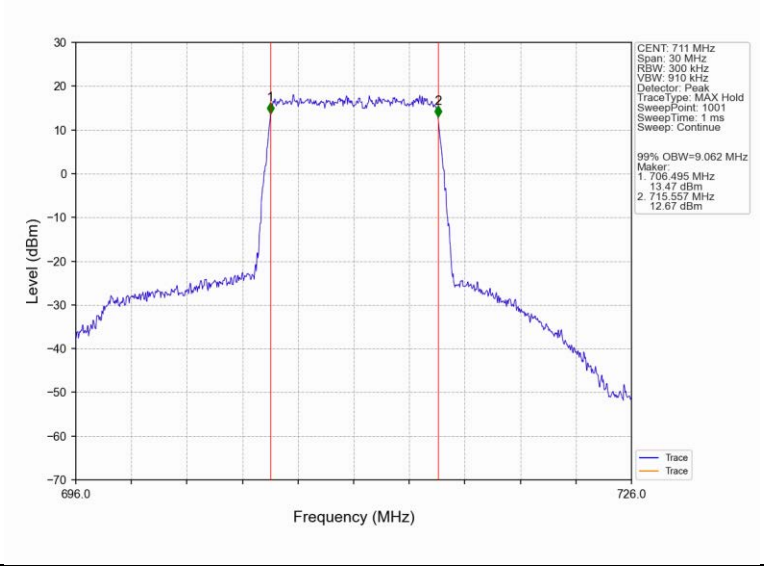
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



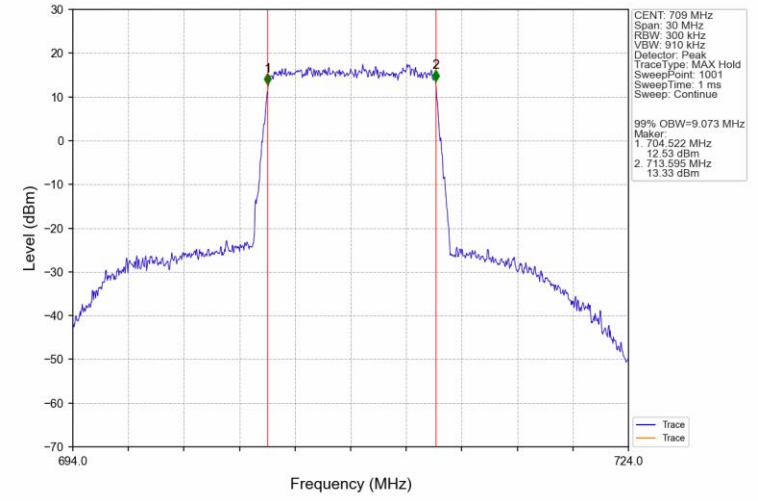
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



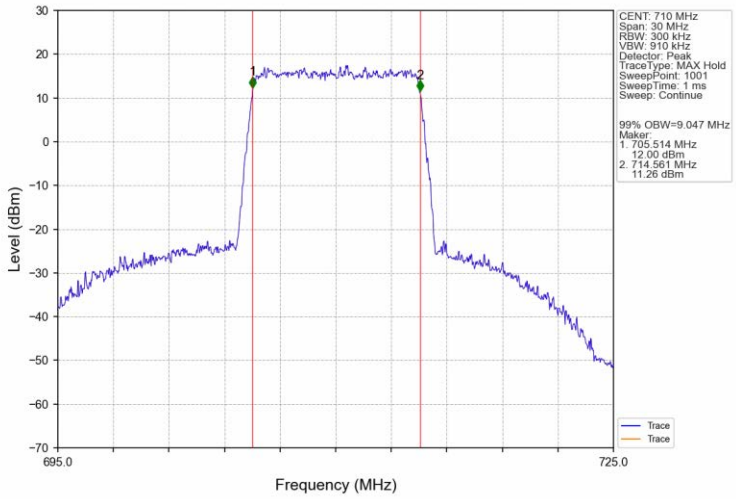
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



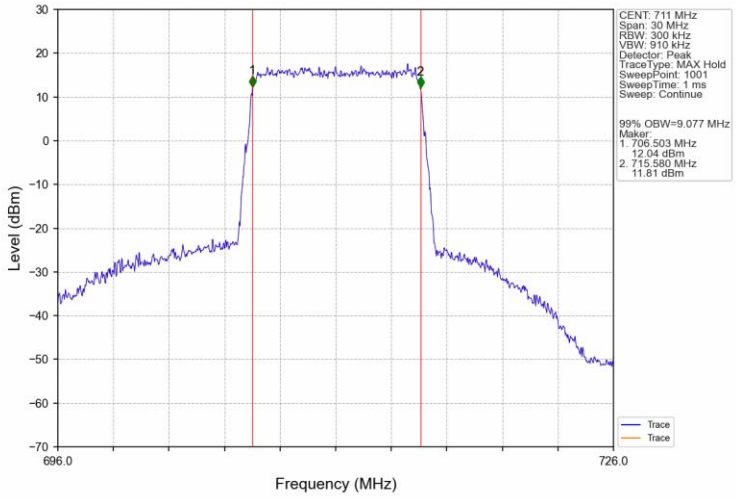
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

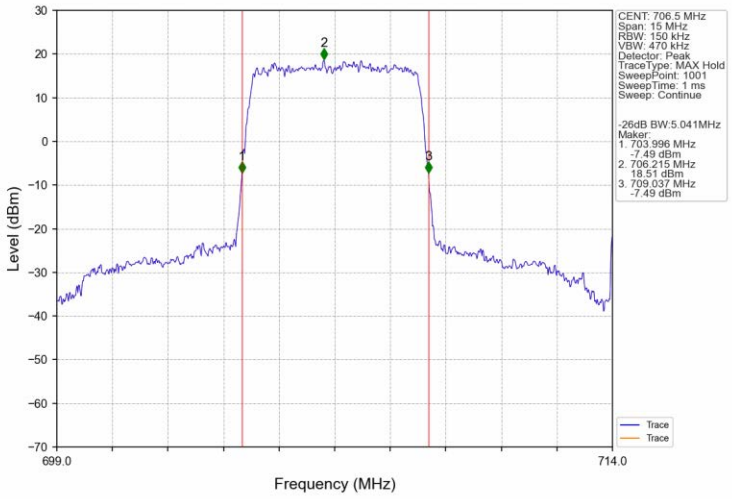


Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

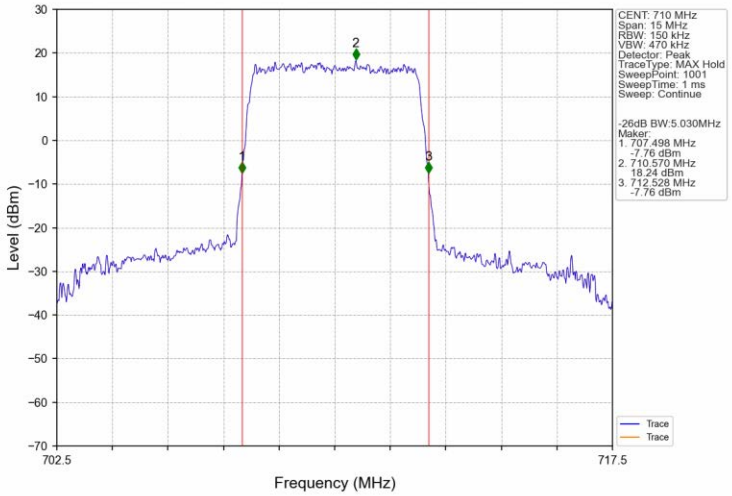


4.2.2 Band17_XDB

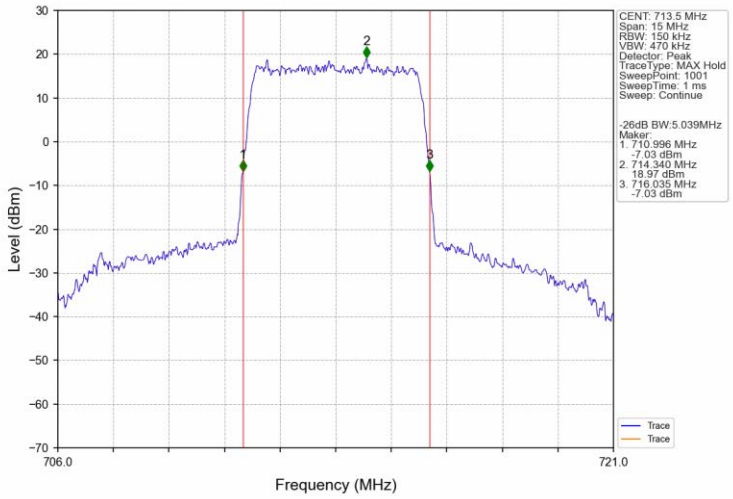
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



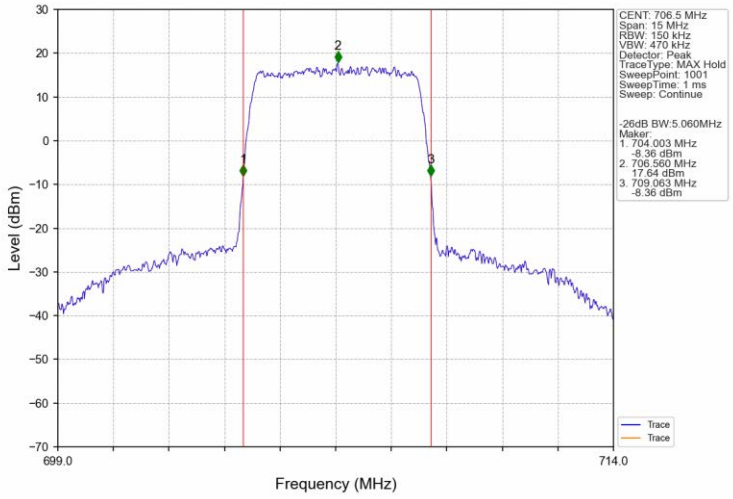
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



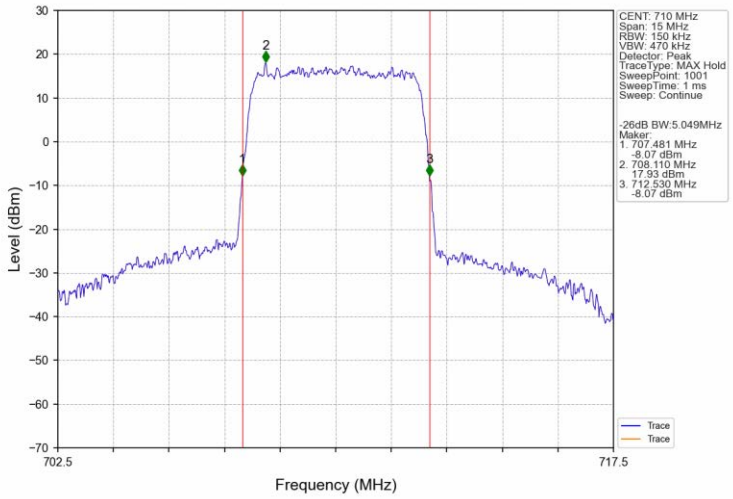
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



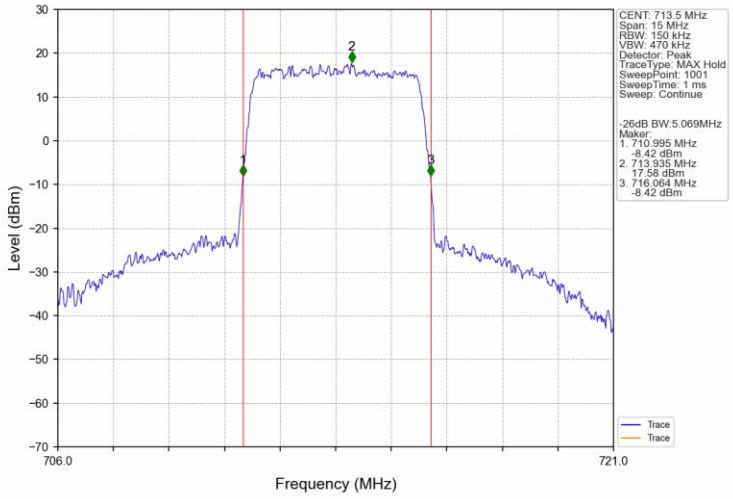
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



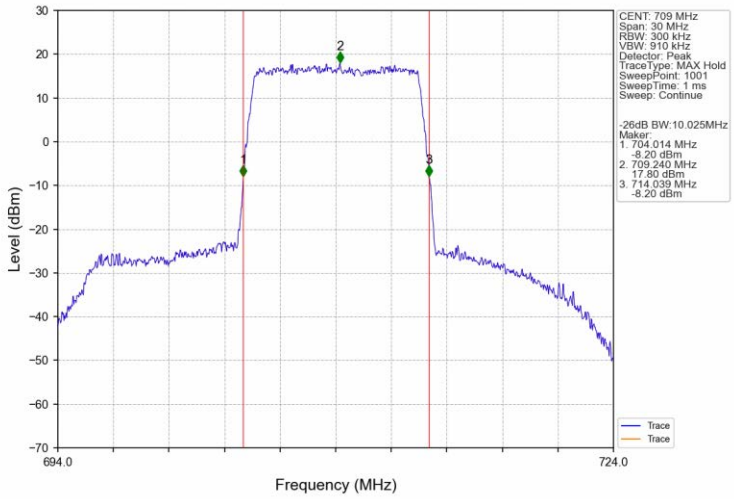
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



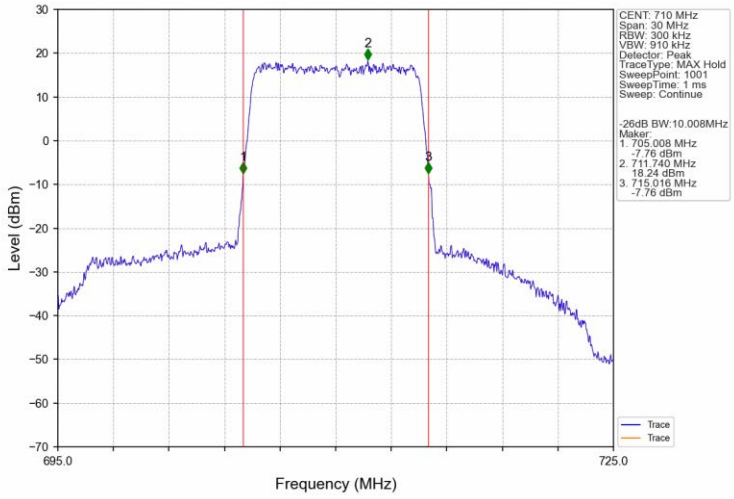
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



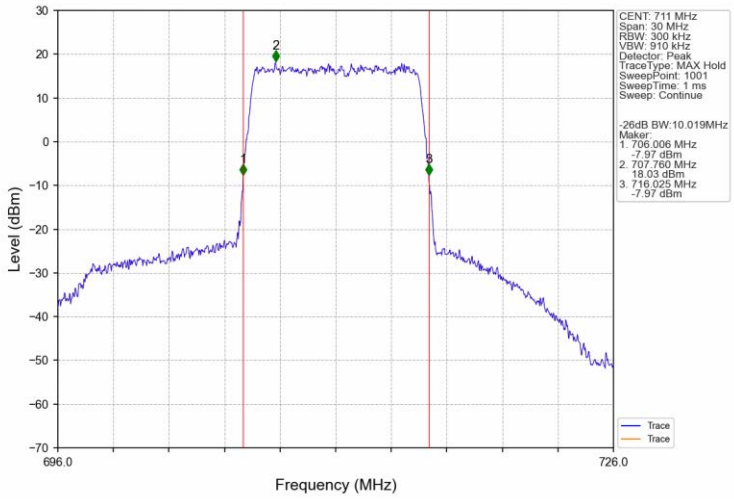
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



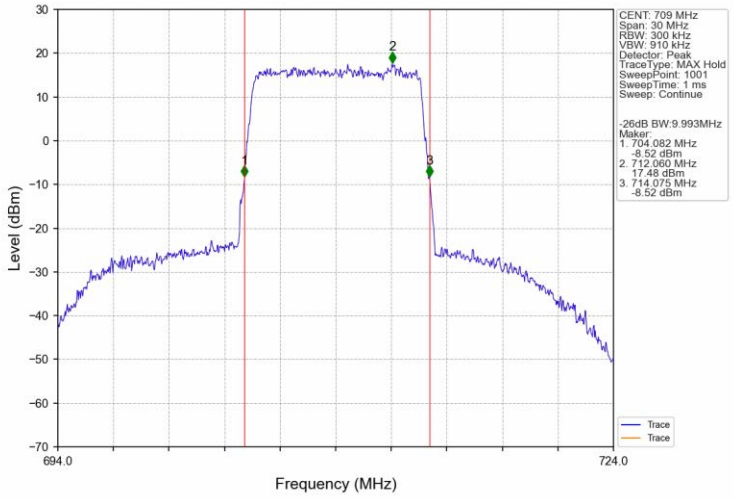
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



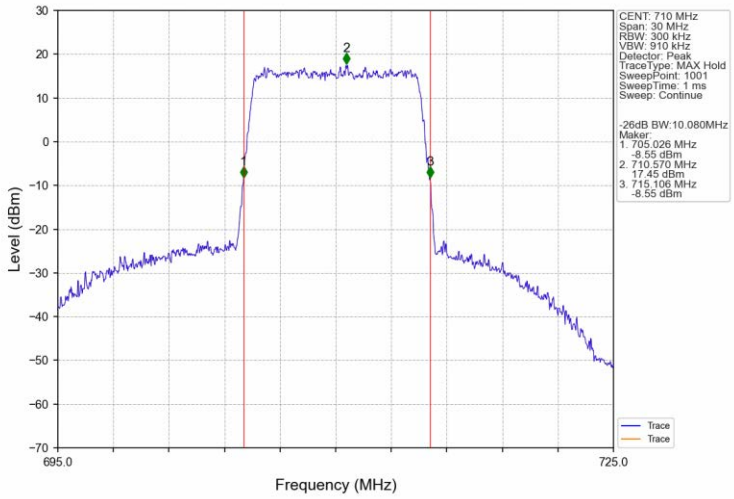
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



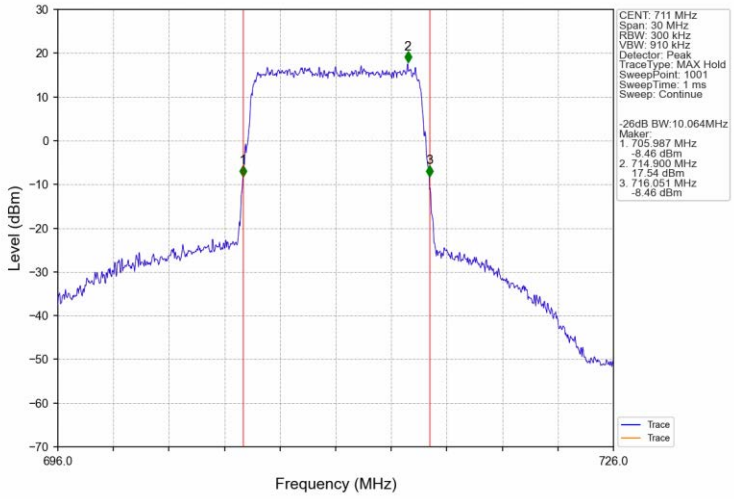
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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	5.56	<=13	Pass
	710	25	0	5.64	<=13	Pass
	713.5	25	0	5.69	<=13	Pass
16QAM	706.5	25	0	6.38	<=13	Pass
	710	25	0	6.44	<=13	Pass
	713.5	25	0	6.36	<=13	Pass

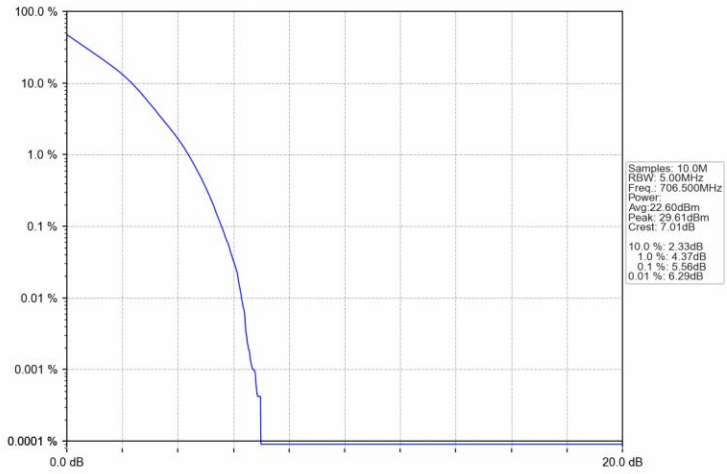
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.66	<=13	Pass
	710	50	0	5.66	<=13	Pass
	711	50	0	5.69	<=13	Pass
16QAM	709	50	0	6.37	<=13	Pass
	710	50	0	6.41	<=13	Pass
	711	50	0	6.47	<=13	Pass

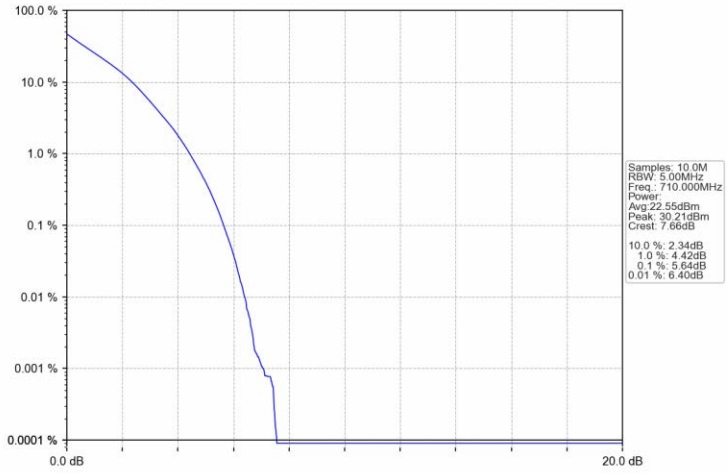
5.2 Test Graph

5.2.1 B17_5MHz

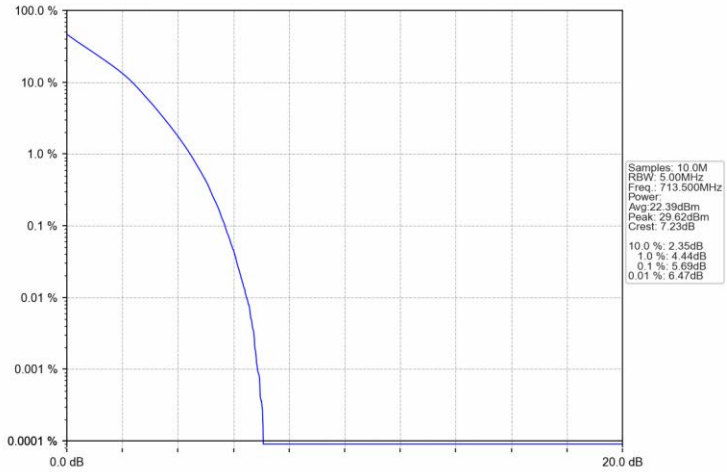
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



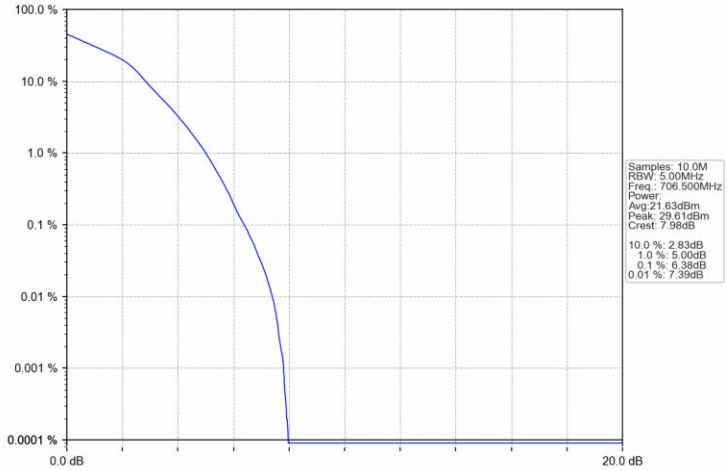
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



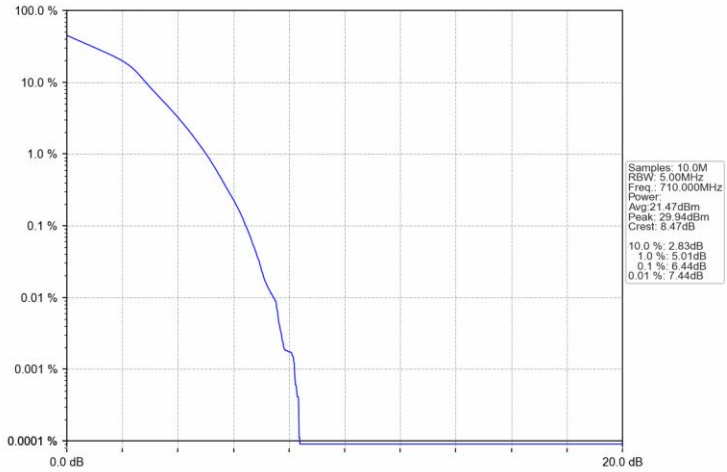
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



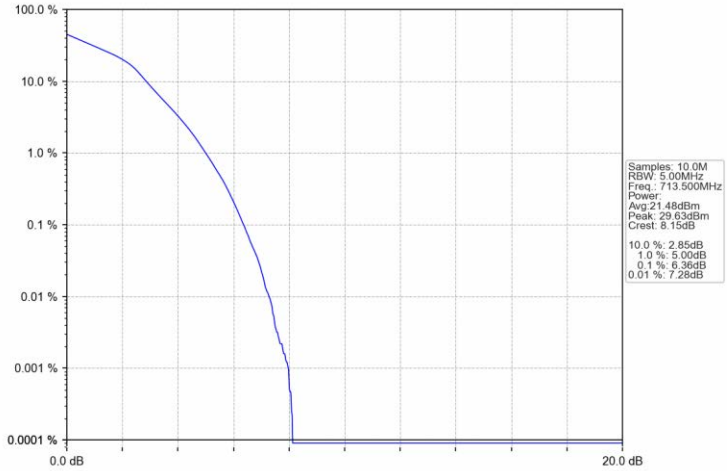
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

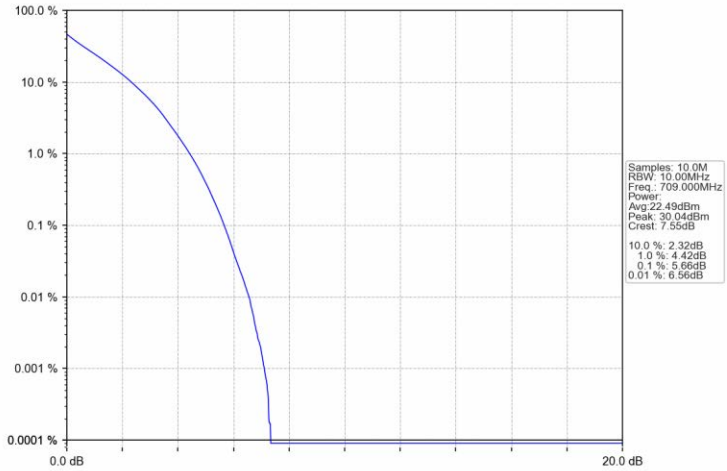


Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

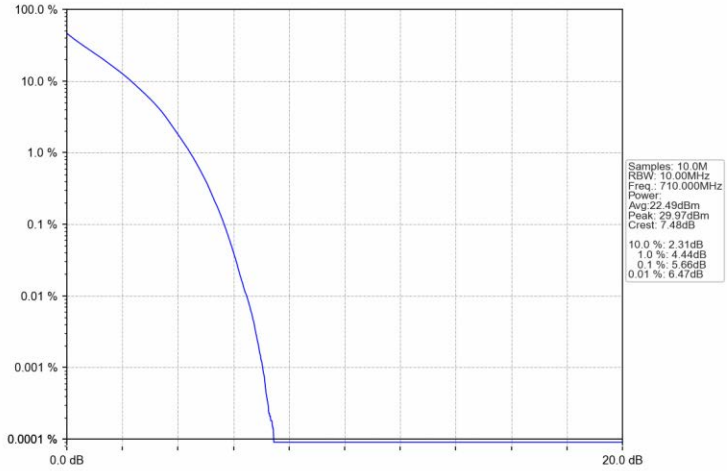


5.2.2 B17_10MHz

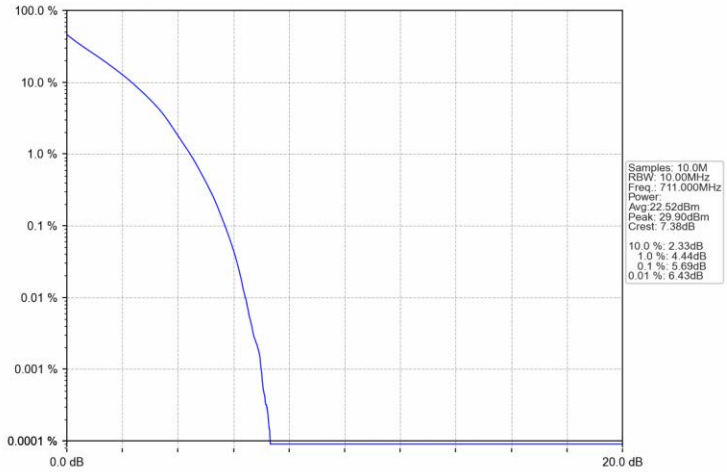
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



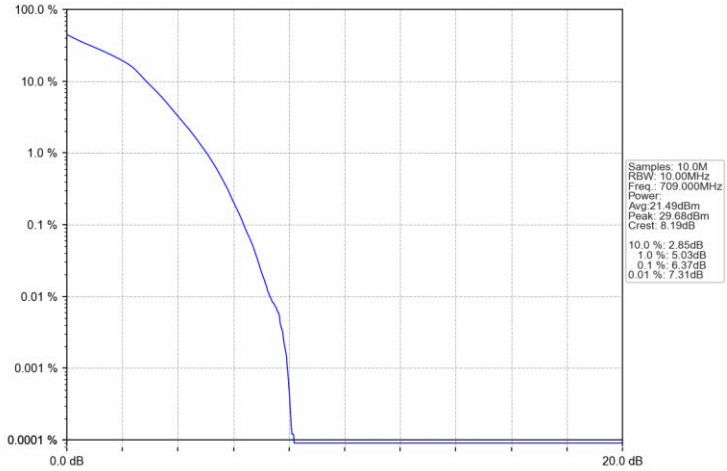
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



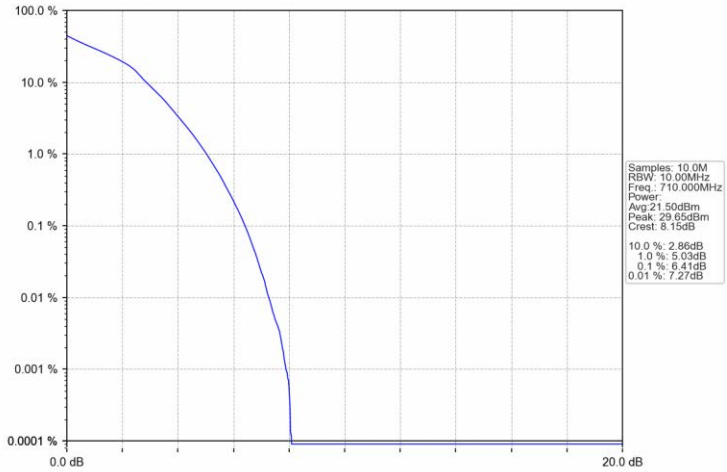
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



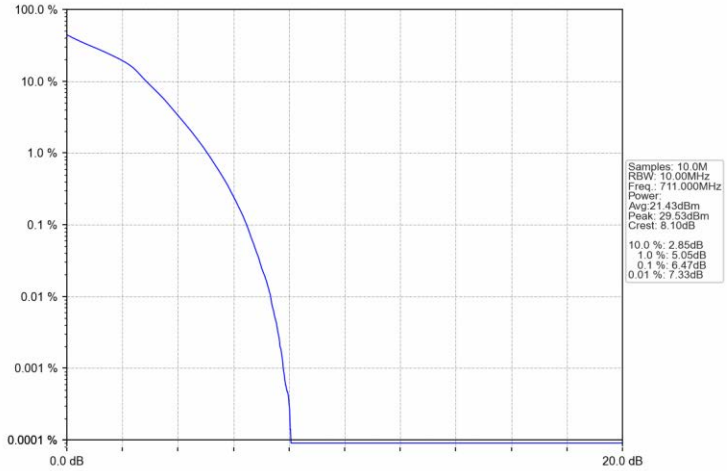
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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

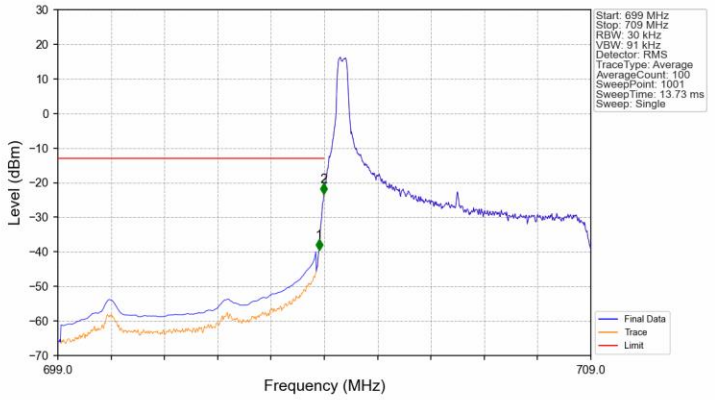
6.1.2 B17_10MHz

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

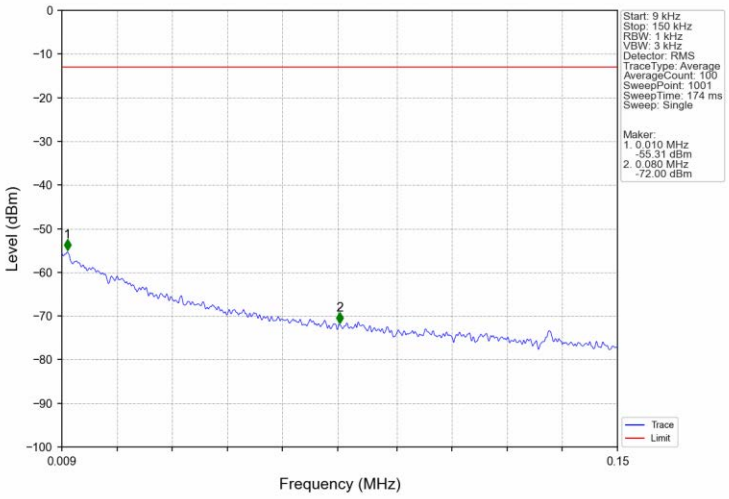
6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

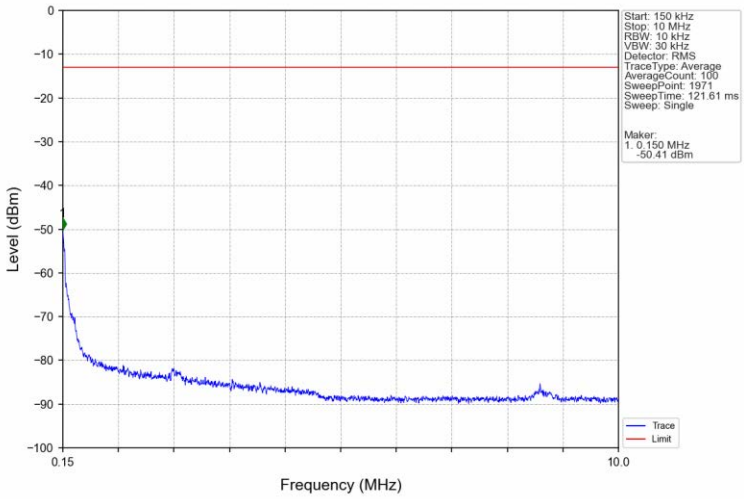


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.900	-39.52	-13	Pass
703.9	704	0.03	/	2	703.990	-23.27	-13	Pass
704	709	0.03	/	/	/	/	/	/

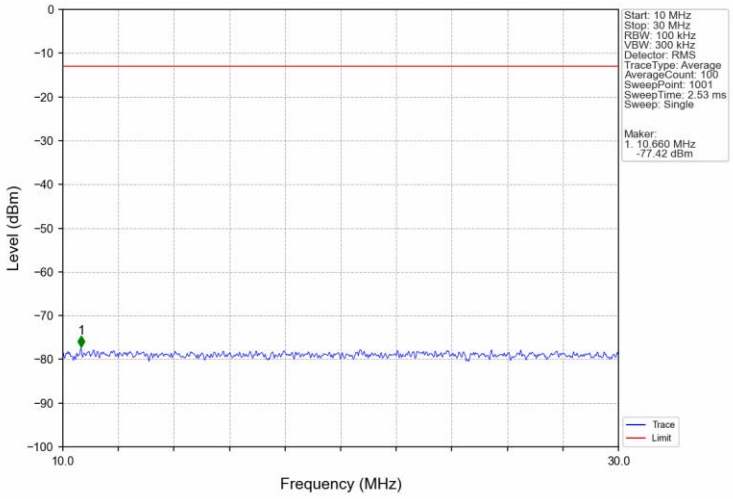
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



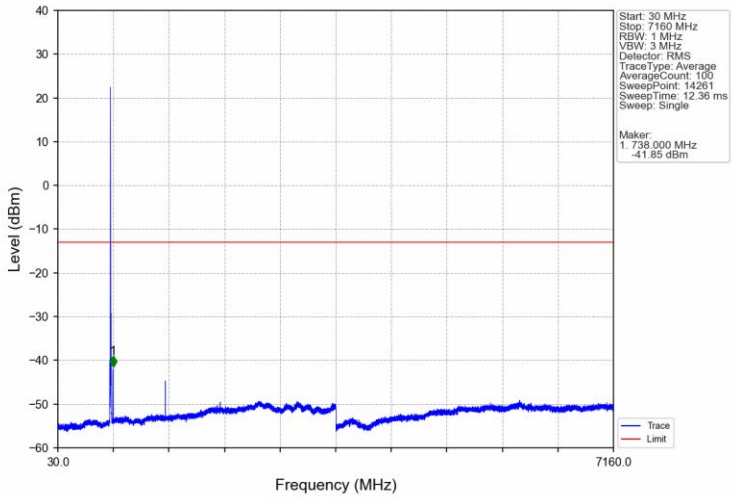
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



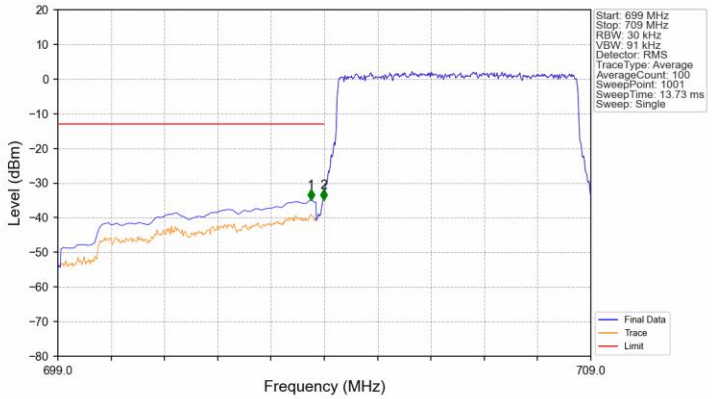
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

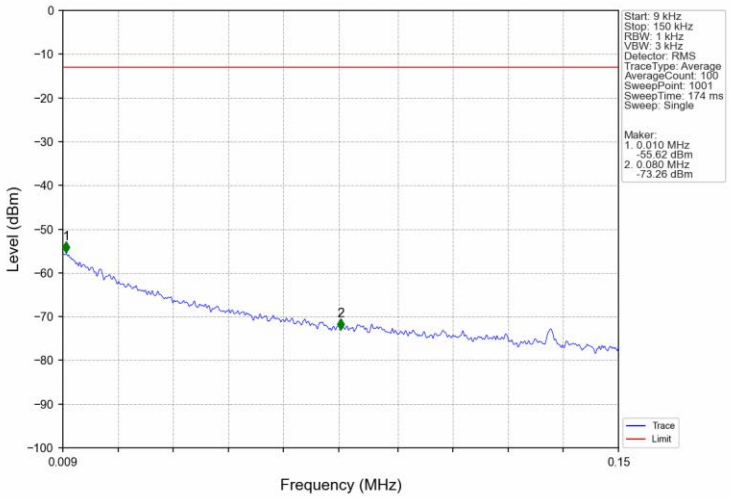


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

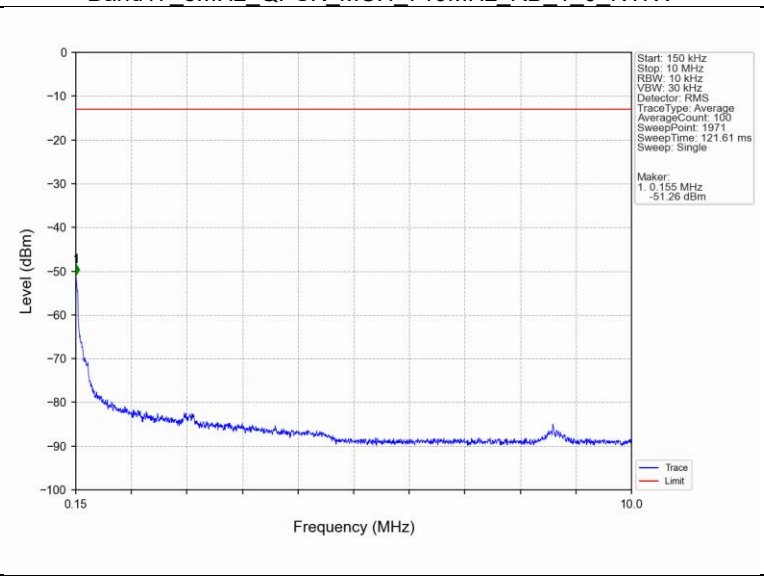


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.750	-34.89	-13	Pass
703.9	704	0.03	/	2	703.990	-35.03	-13	Pass
704	709	0.03	/	/	/	/	/	/

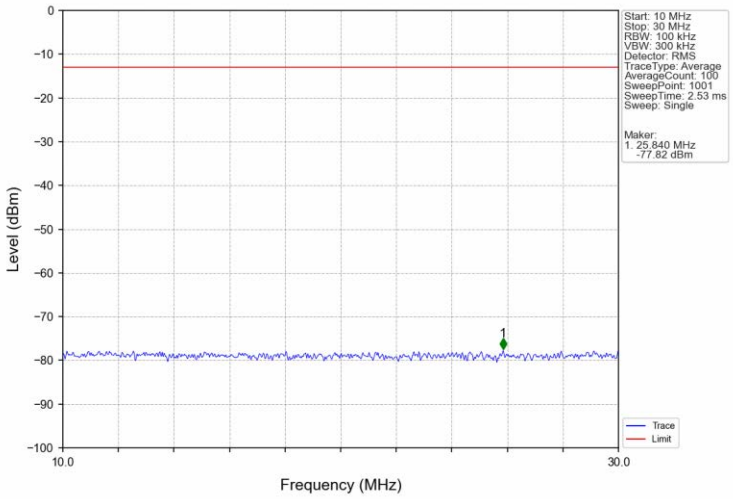
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



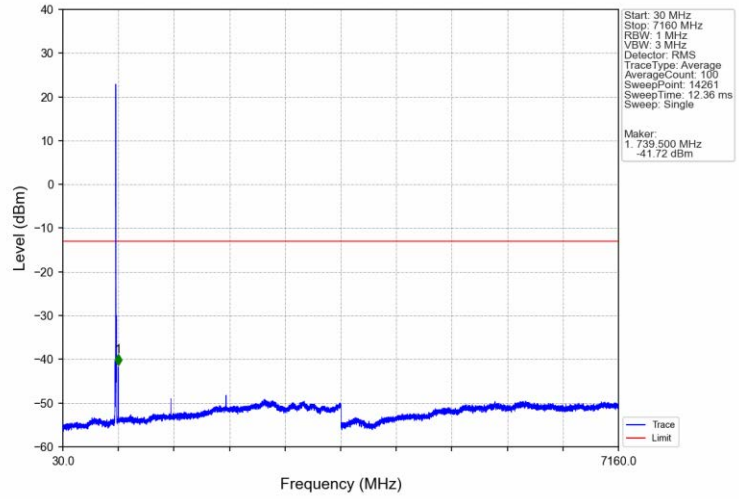
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



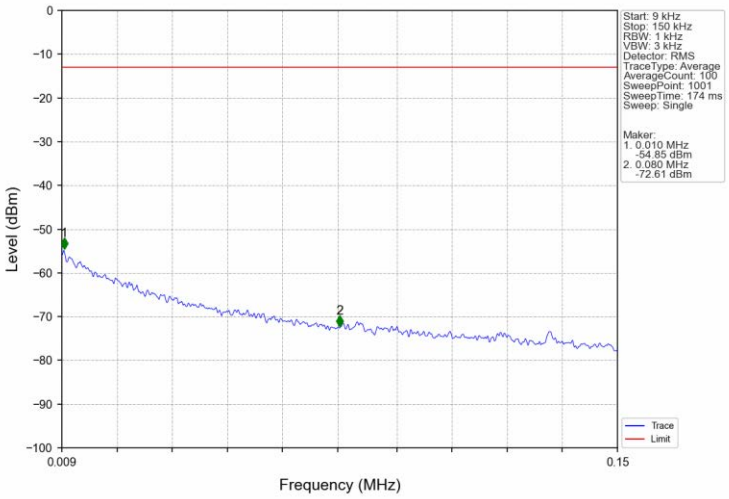
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



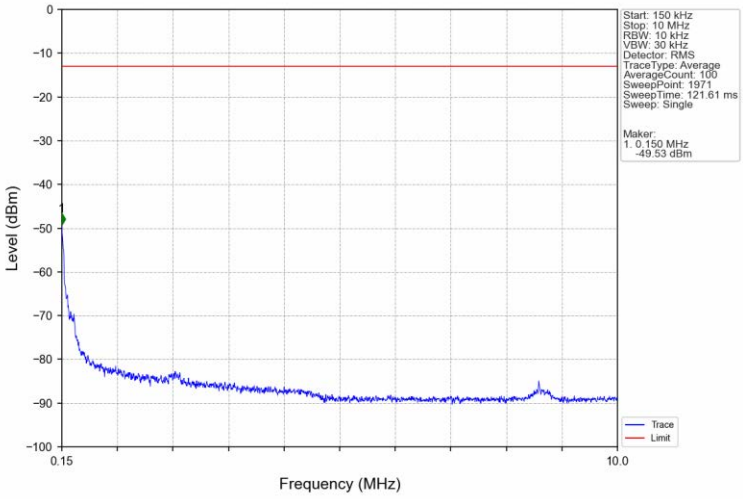
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



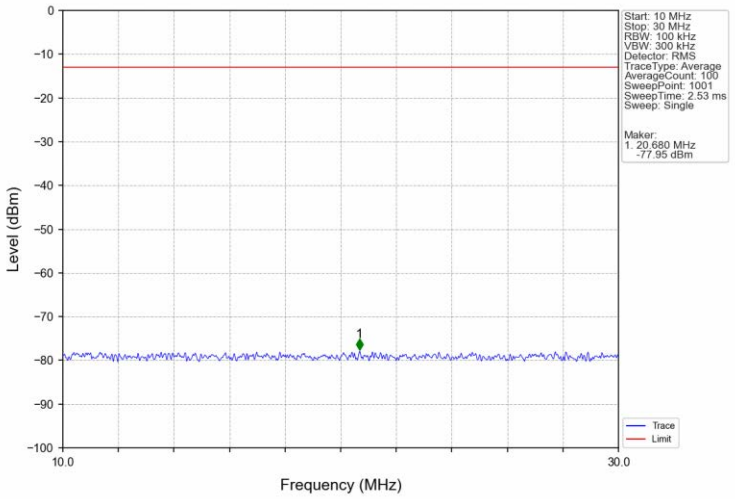
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



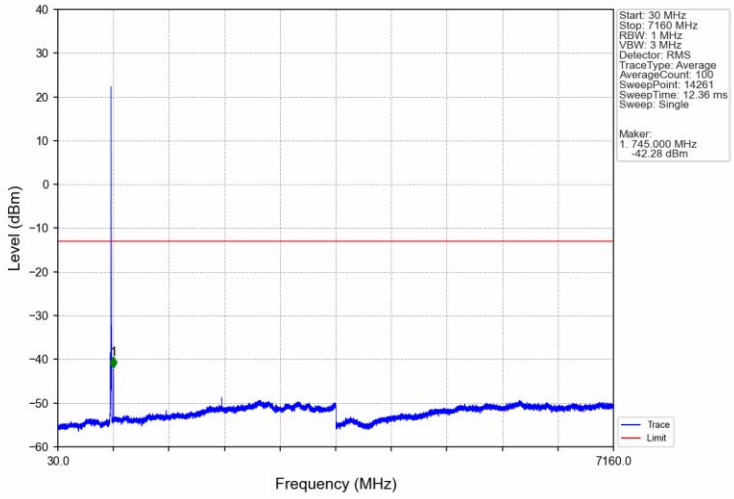
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



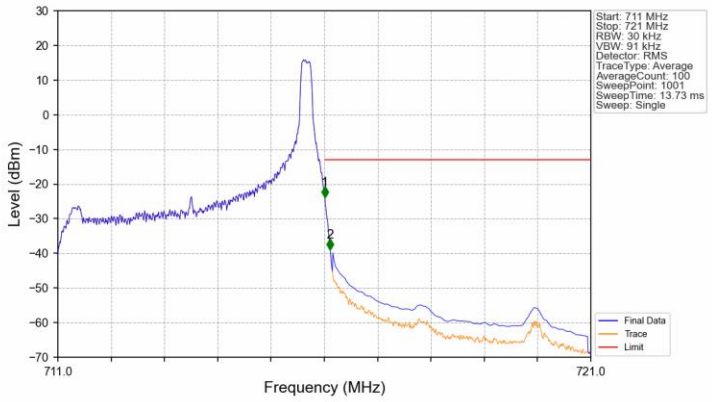
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

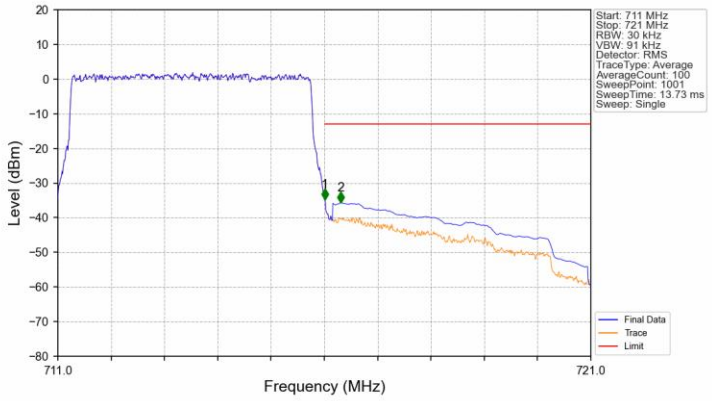


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



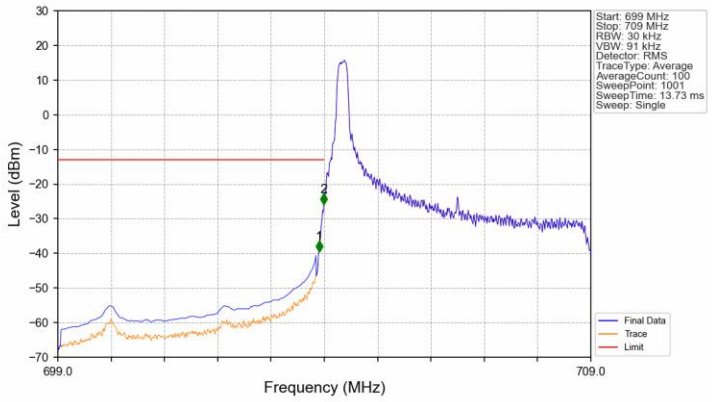
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-23.79	-13	Pass
716.1	721	0.1	CHP	2	716.110	-39.05	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



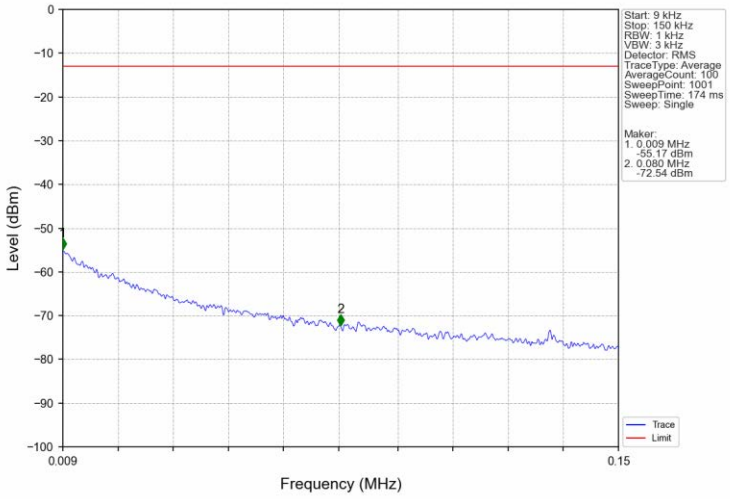
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-34.71	-13	Pass
716.1	721	0.1	CHP	2	716.310	-35.67	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

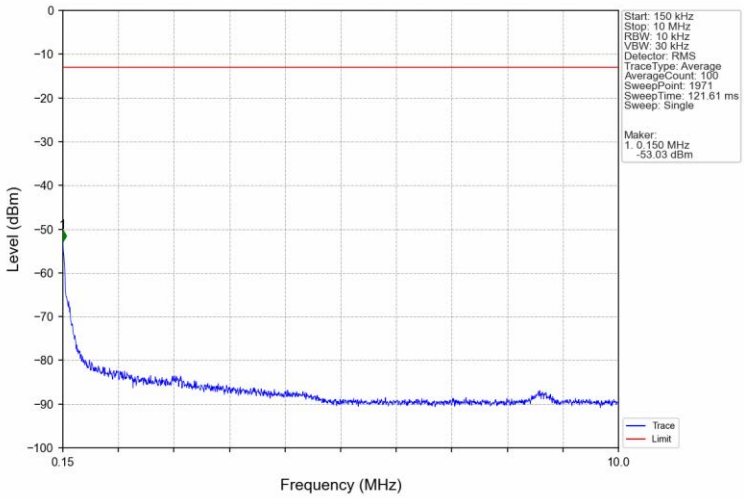


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.900	-39.44	-13	Pass
703.9	704	0.03	/	2	703.990	-25.93	-13	Pass
704	709	0.03	/	/	/	/	/	/

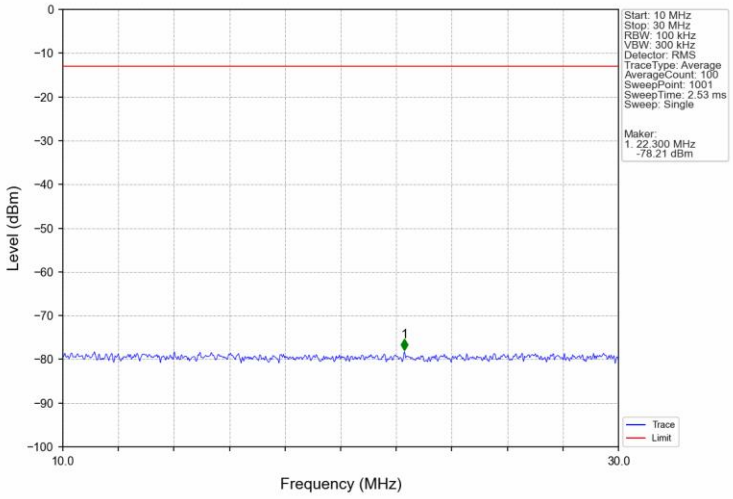
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



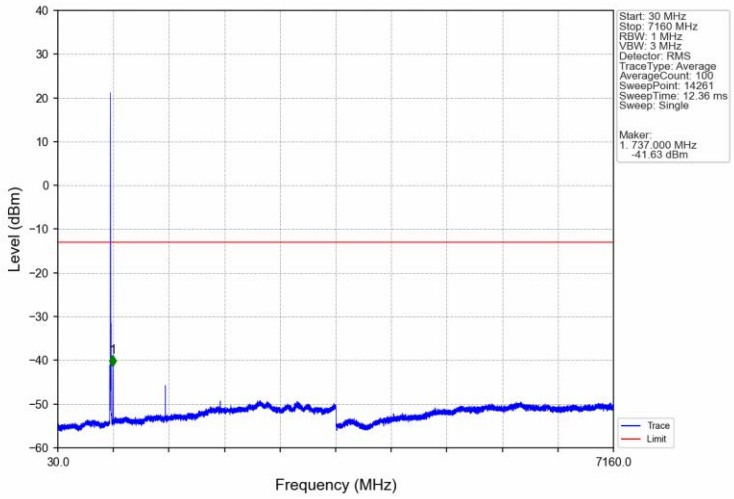
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



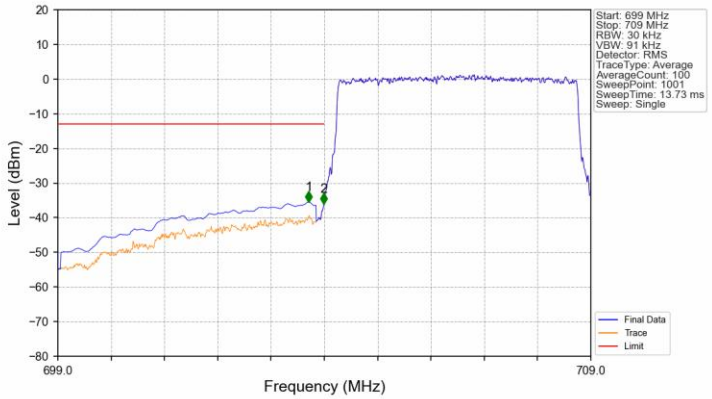
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

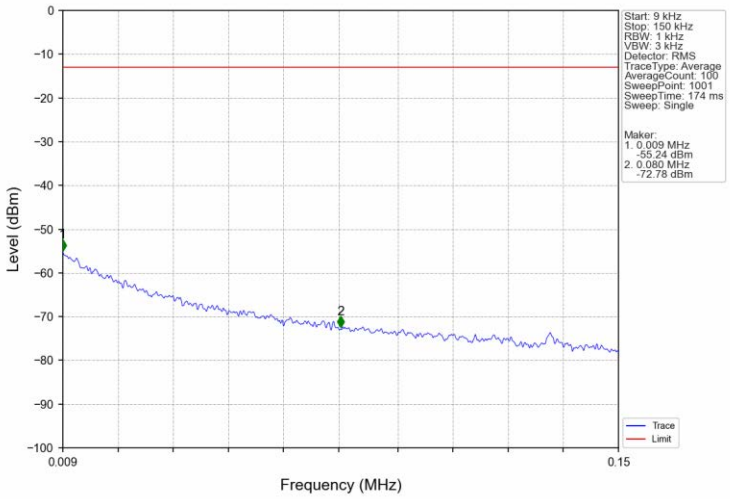


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

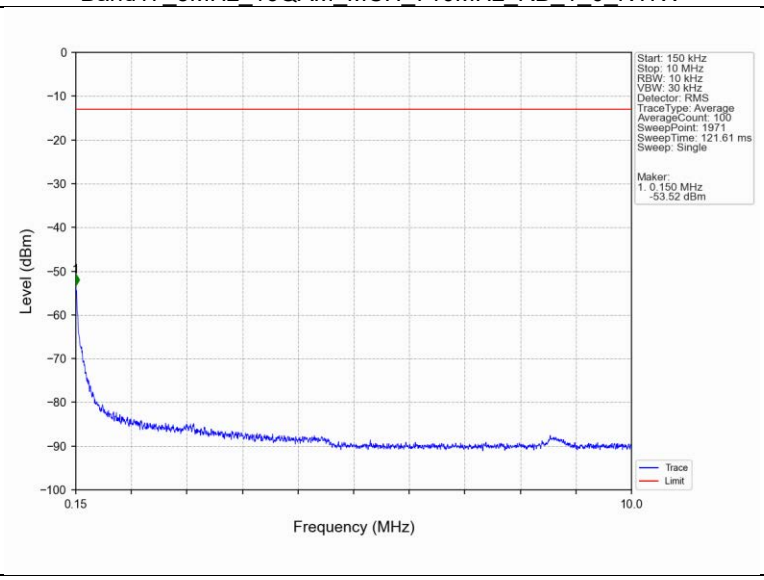


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.710	-35.45	-13	Pass
703.9	704	0.03	/	2	703.990	-36.07	-13	Pass
704	709	0.03	/	/	/	/	/	/

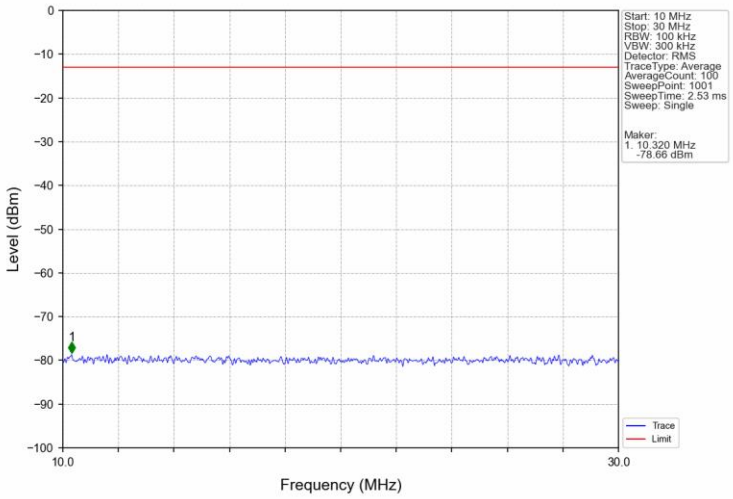
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



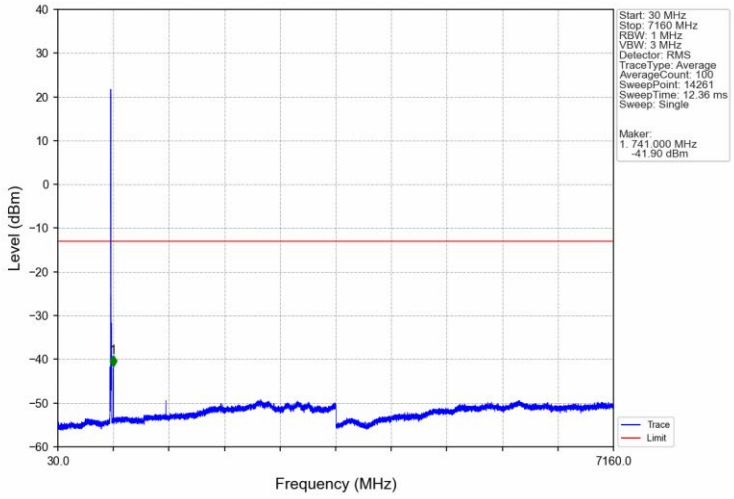
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



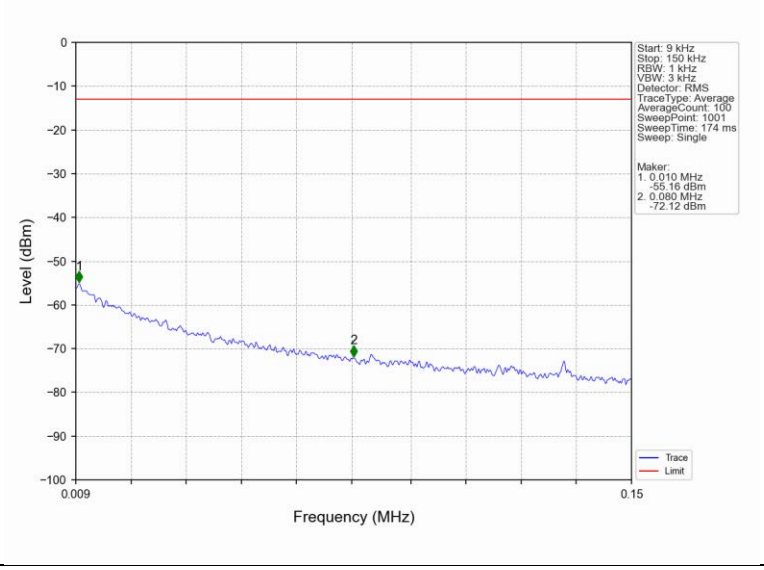
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



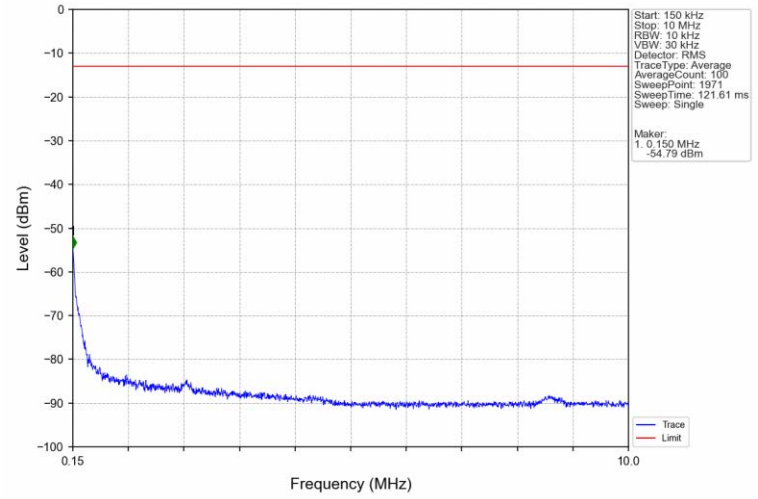
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



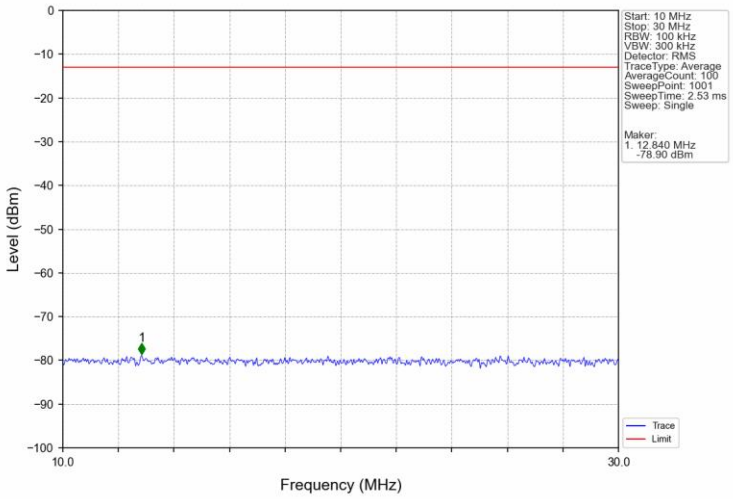
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



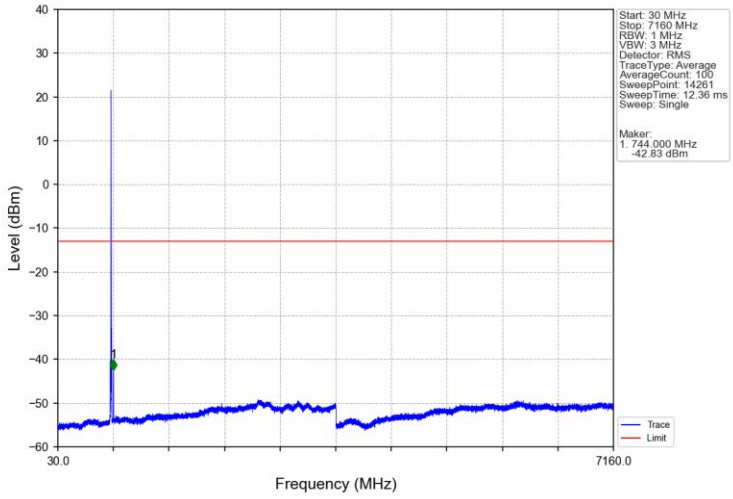
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



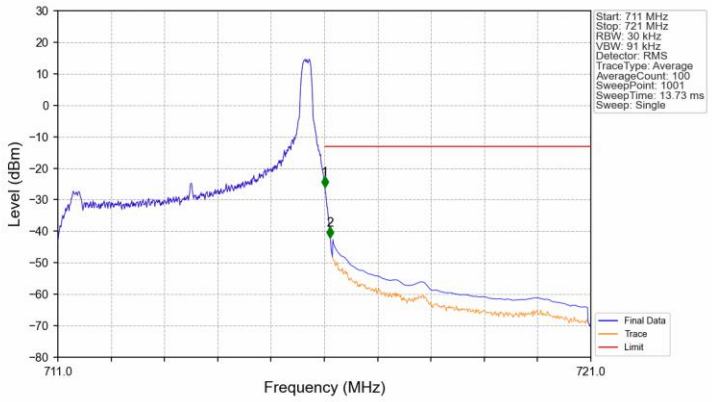
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

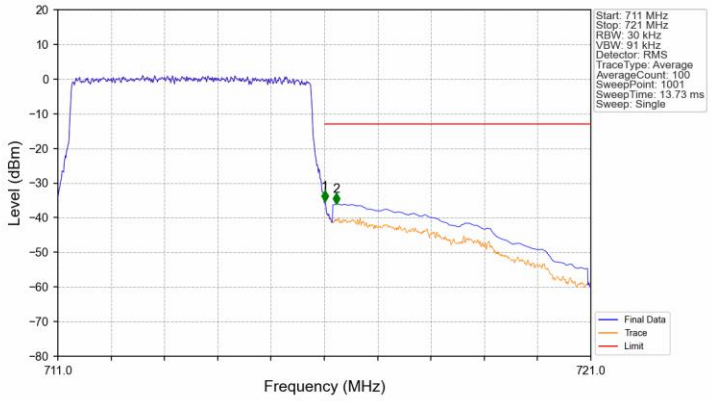


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-26.07	-13	Pass
716.1	721	0.1	CHP	2	716.110	-42.12	-13	Pass

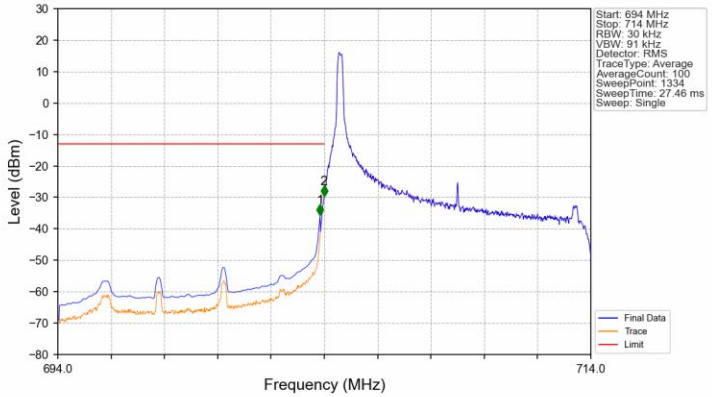
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	-35.38	-13	Pass
716.1	721	0.1	CHP	2	716.230	-36.00	-13	Pass

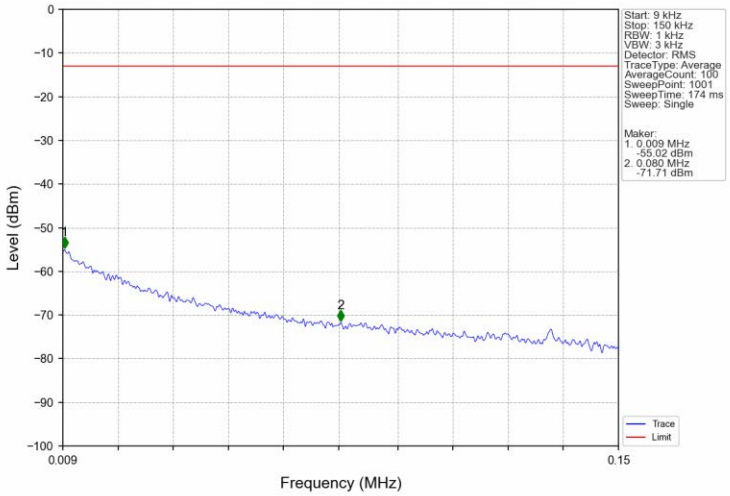
6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

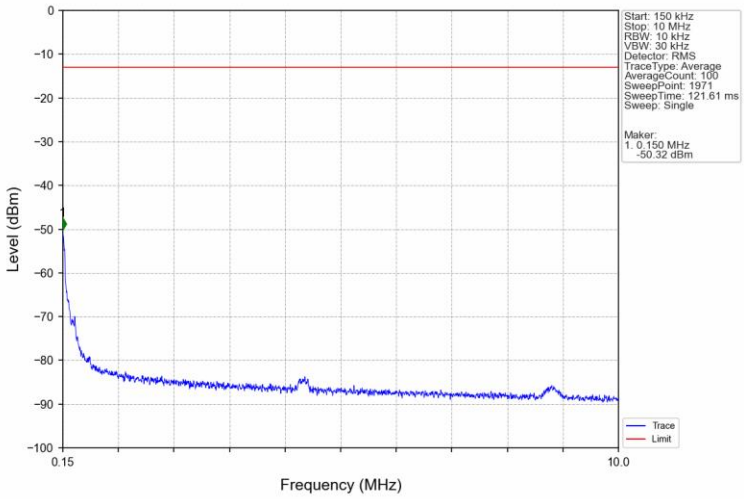


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-35.60	-13	Pass
703.9	704	0.03	/	2	703.992	-29.69	-13	Pass
704	714	0.03	/	/	/	/	/	/

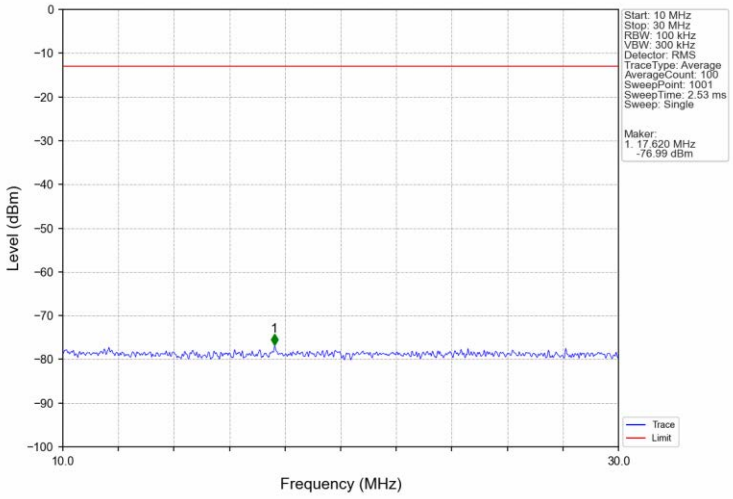
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



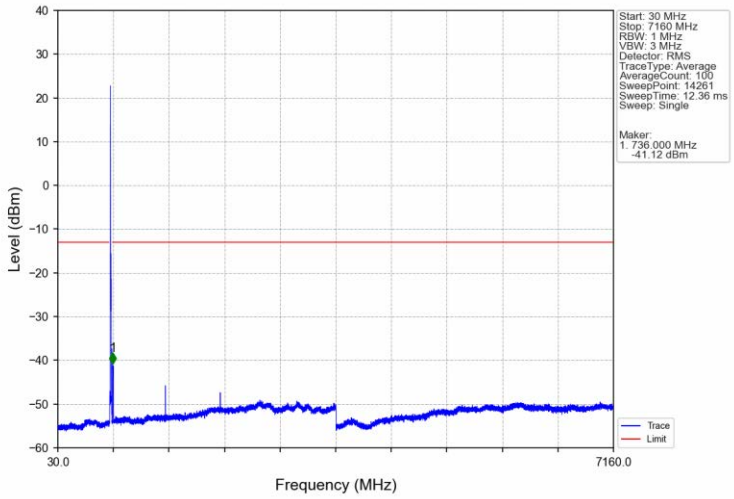
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



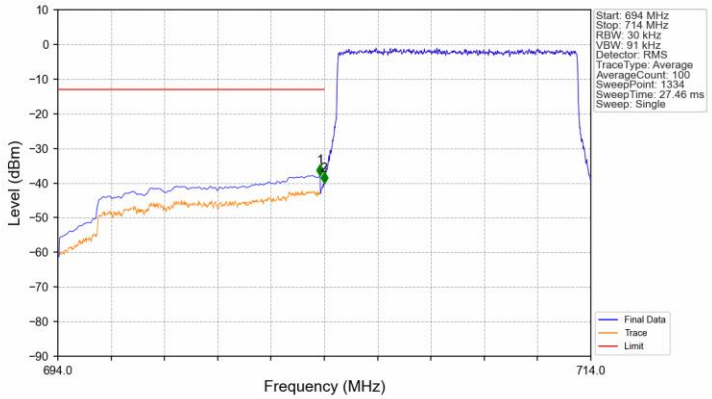
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

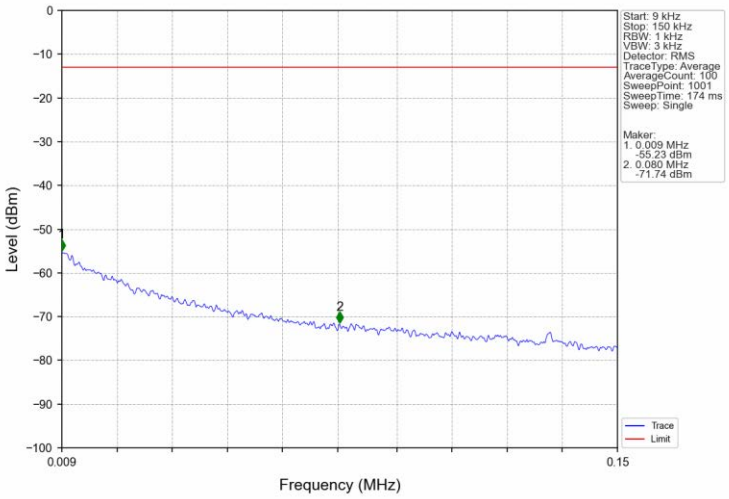


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

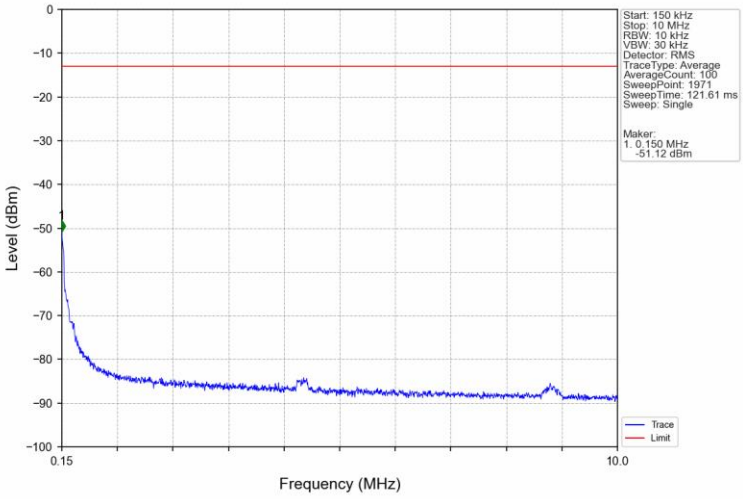


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-37.76	-13	Pass
703.9	704	0.03	/	2	703.992	-40.10	-13	Pass
704	714	0.03	/	/	/	/	/	/

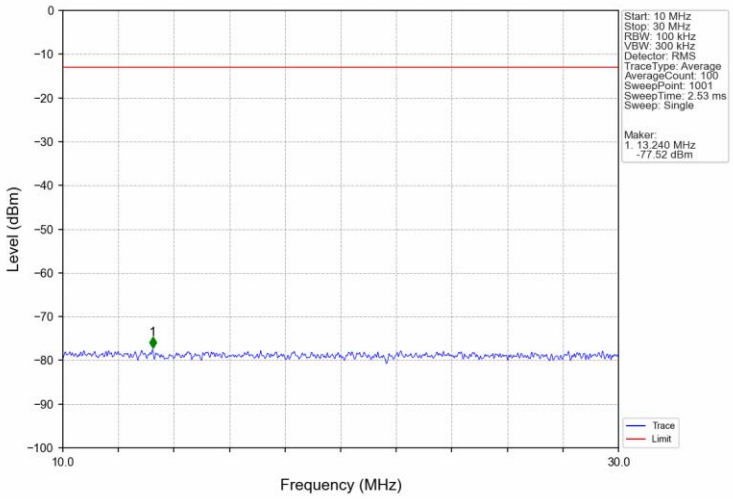
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



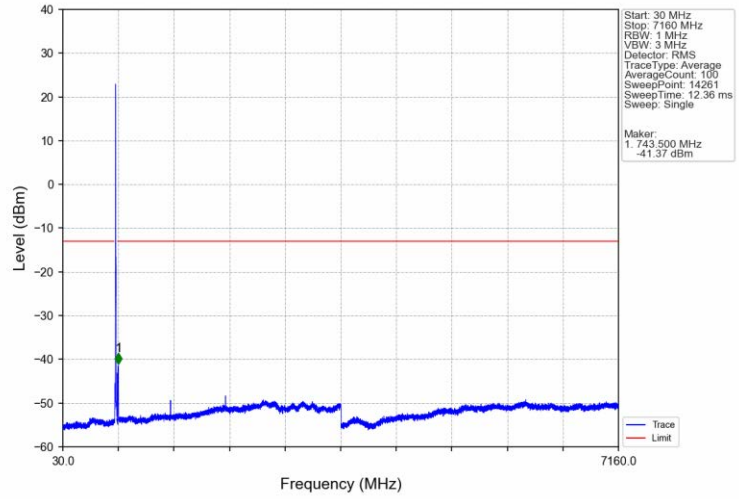
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



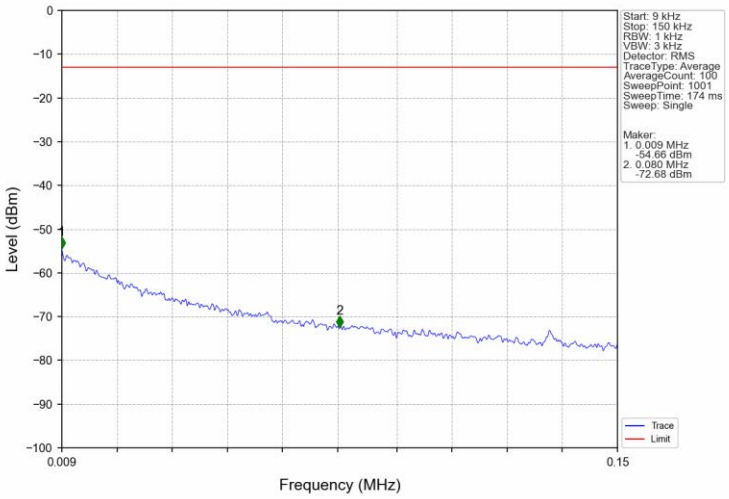
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



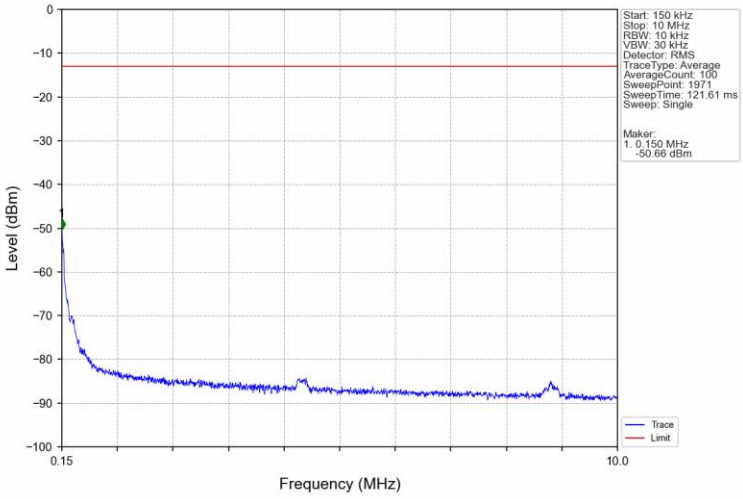
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



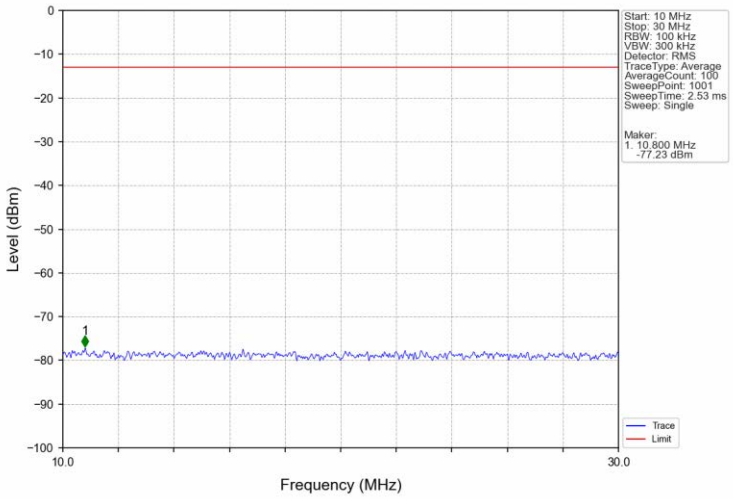
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



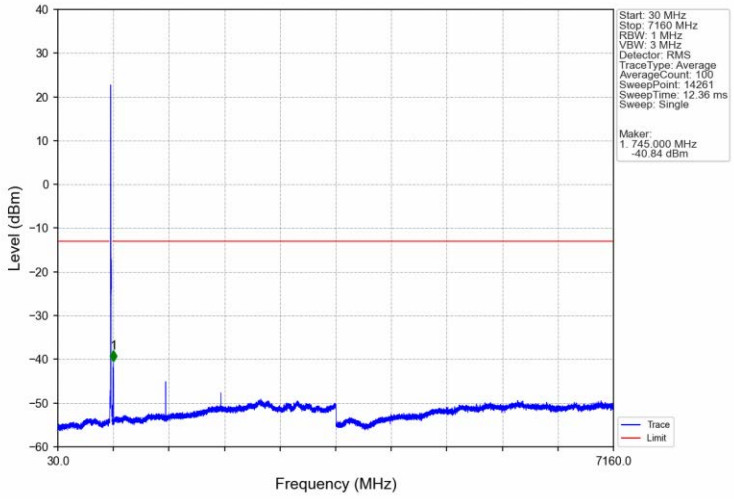
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



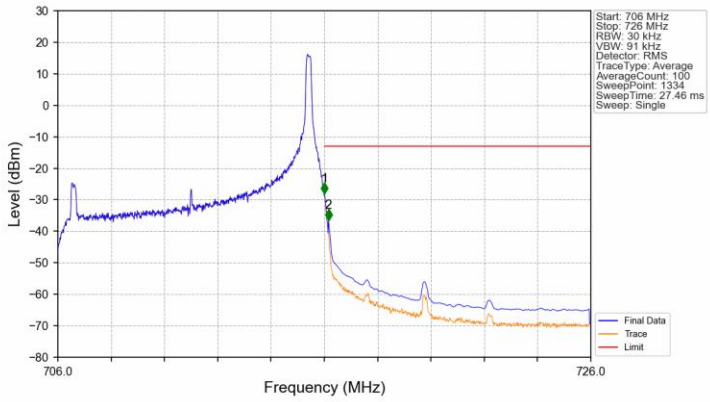
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

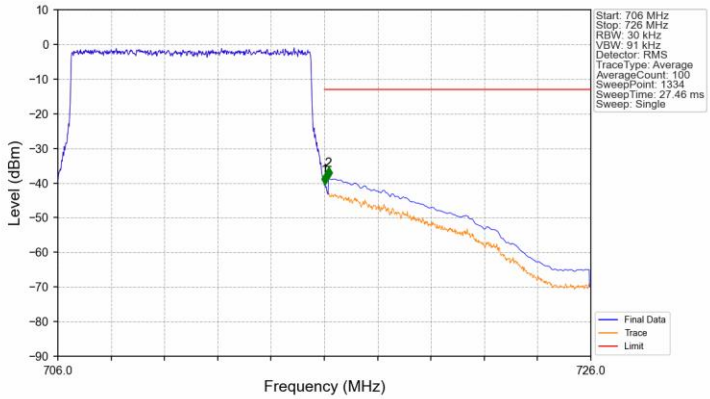


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



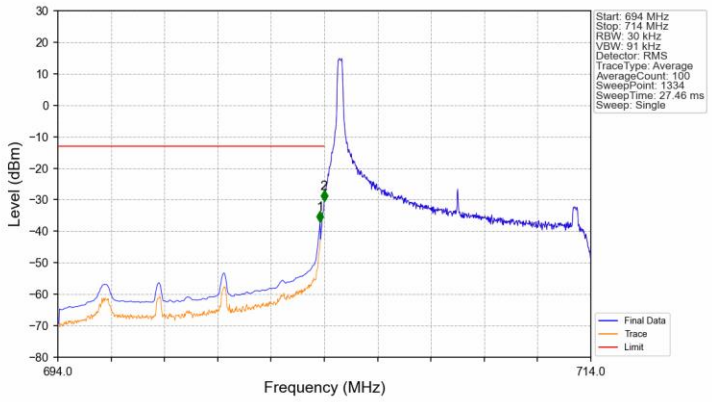
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-27.98	-13	Pass
716.1	726	0.1	CHP	2	716.158	-36.42	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



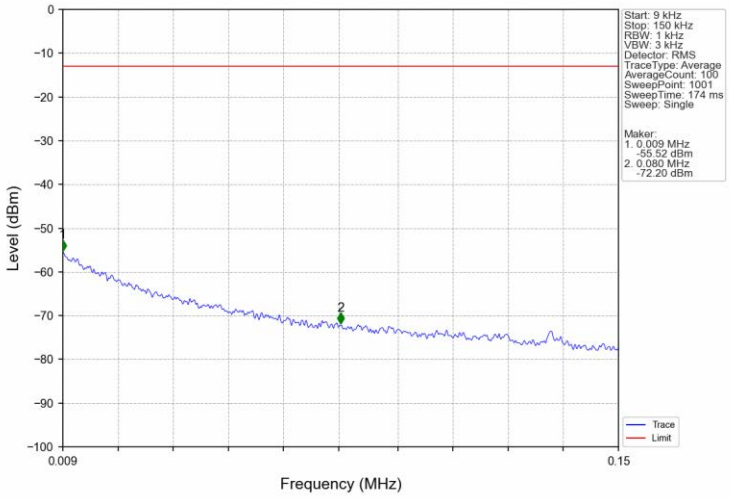
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-40.35	-13	Pass
716.1	726	0.1	CHP	2	716.158	-38.54	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

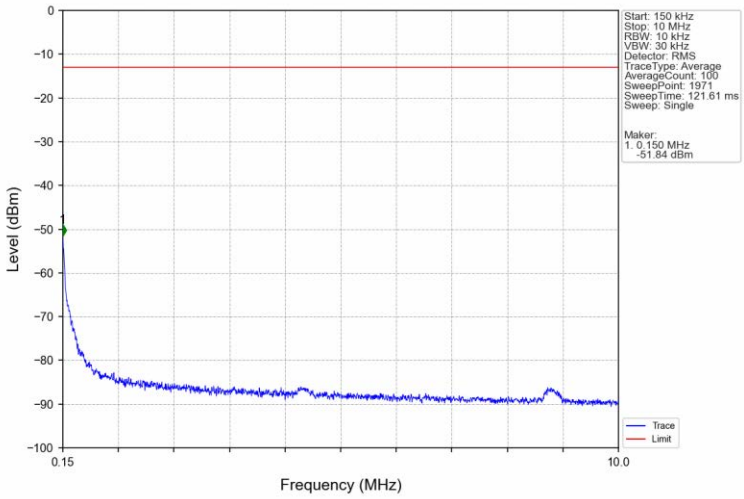


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-37.05	-13	Pass
703.9	704	0.03	/	2	703.992	-30.51	-13	Pass
704	714	0.03	/	/	/	/	/	/

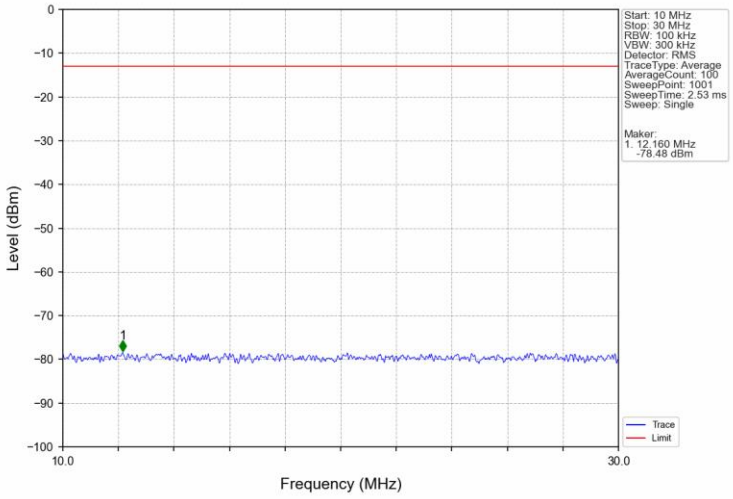
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



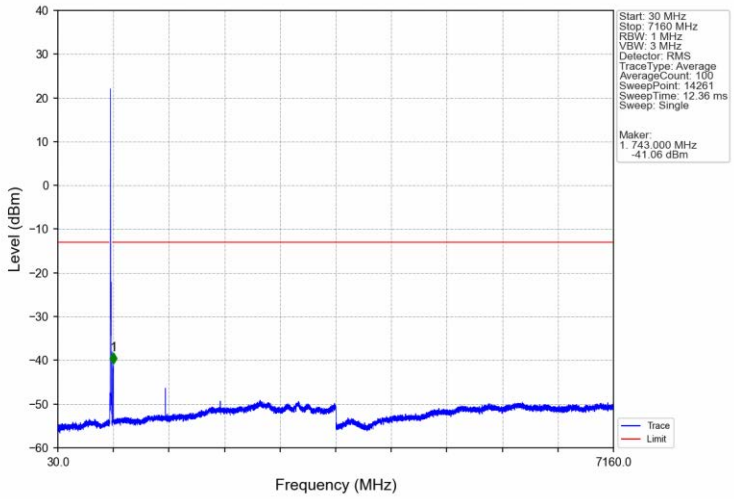
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



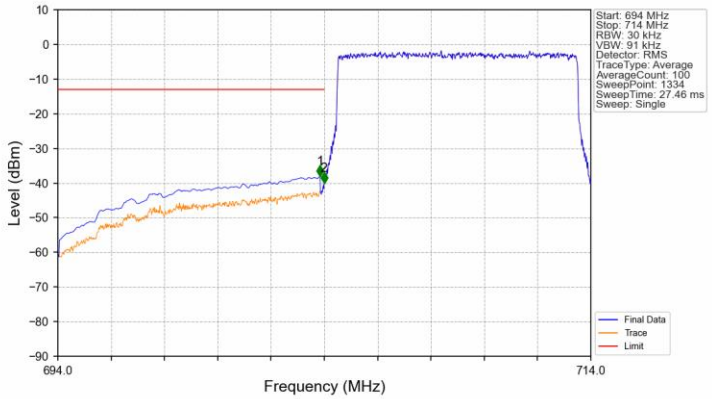
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

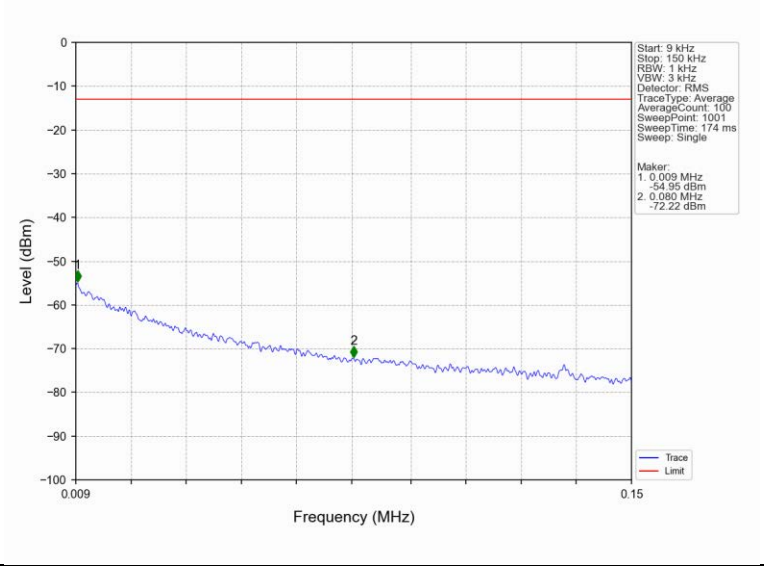


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

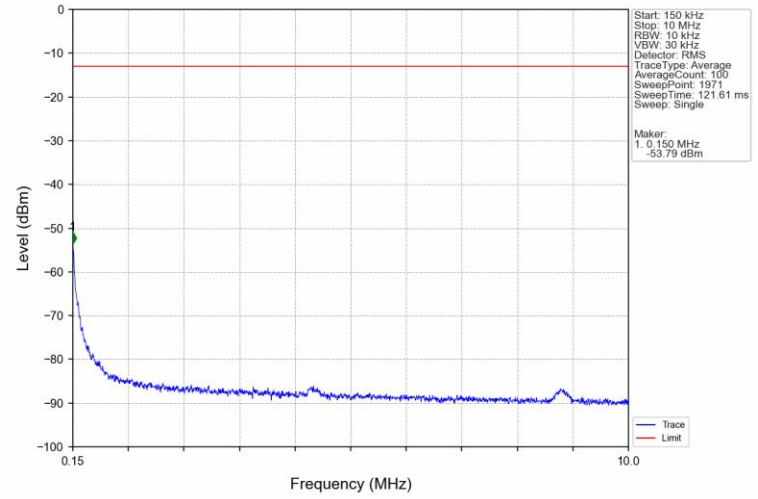


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-37.98	-13	Pass
703.9	704	0.03	/	2	703.992	-39.96	-13	Pass
704	714	0.03	/	/	/	/	/	/

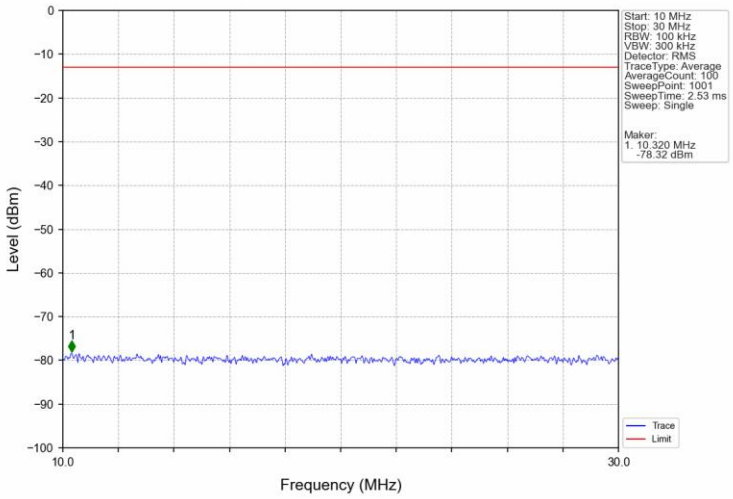
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



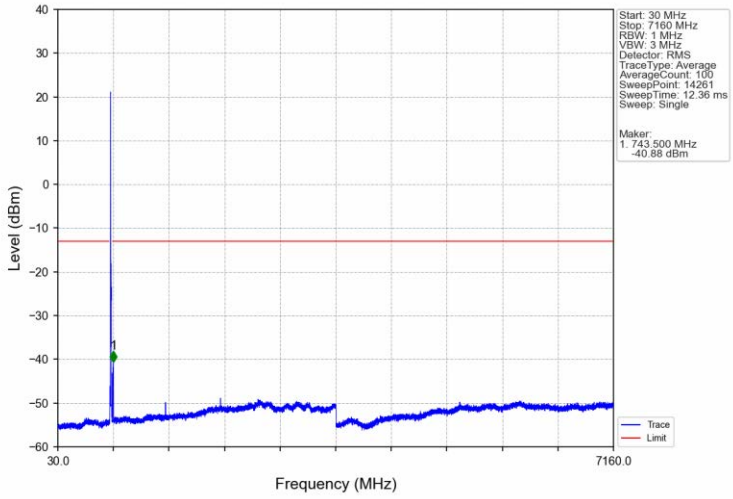
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



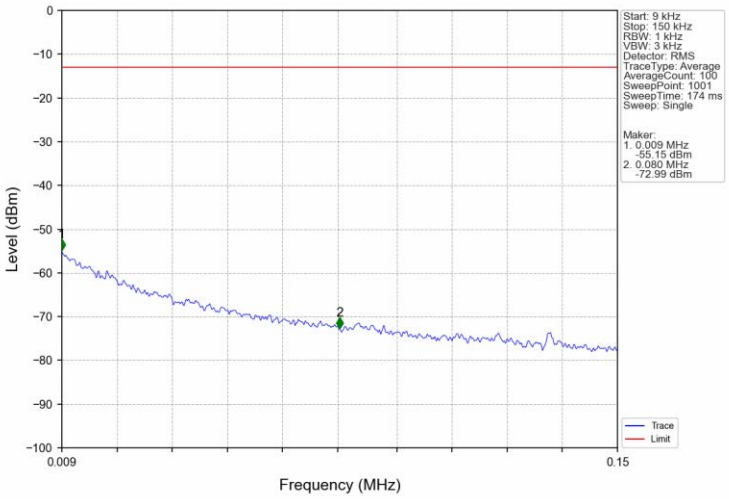
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



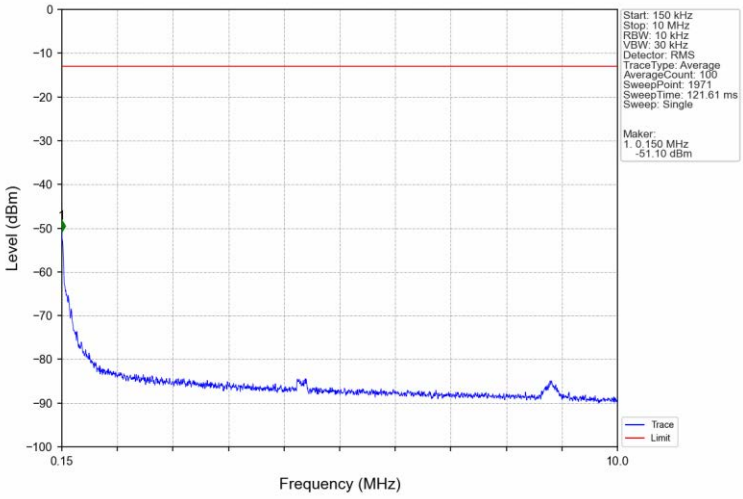
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



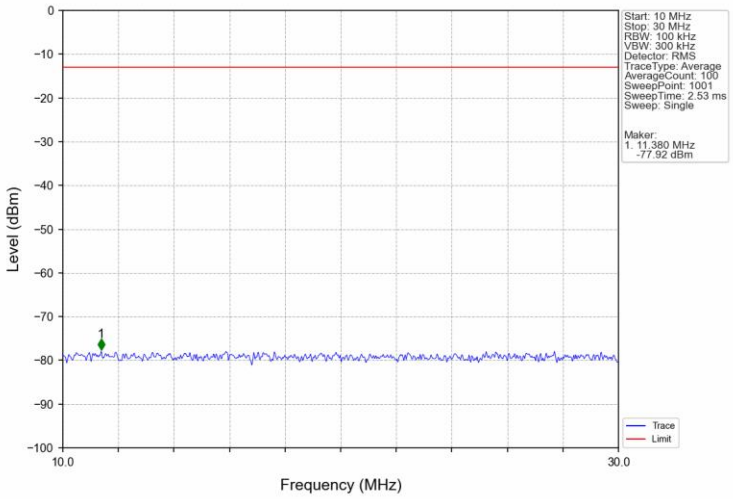
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



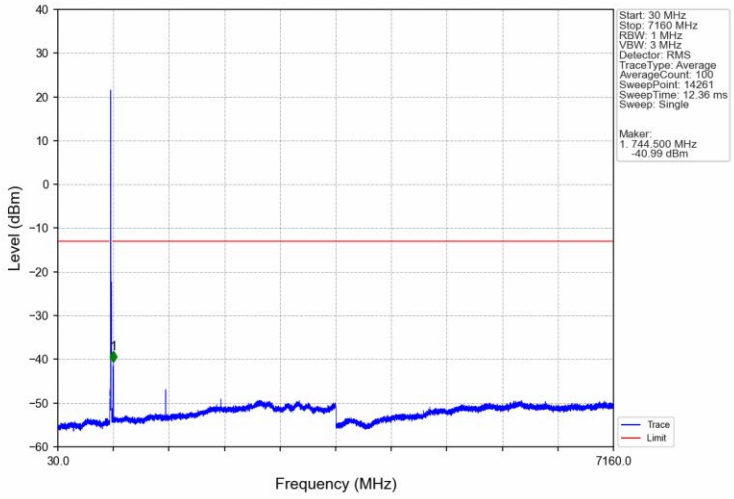
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



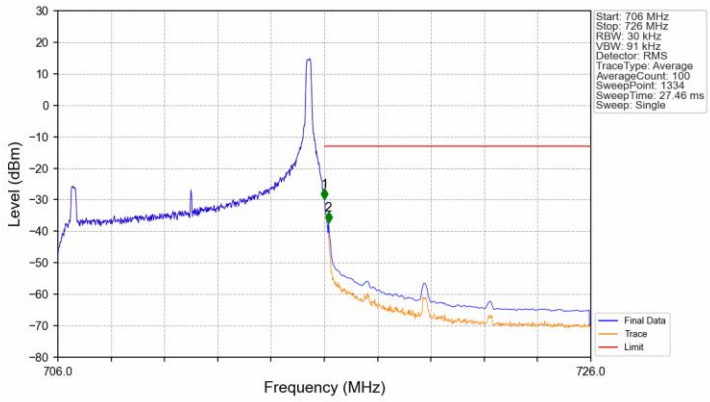
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

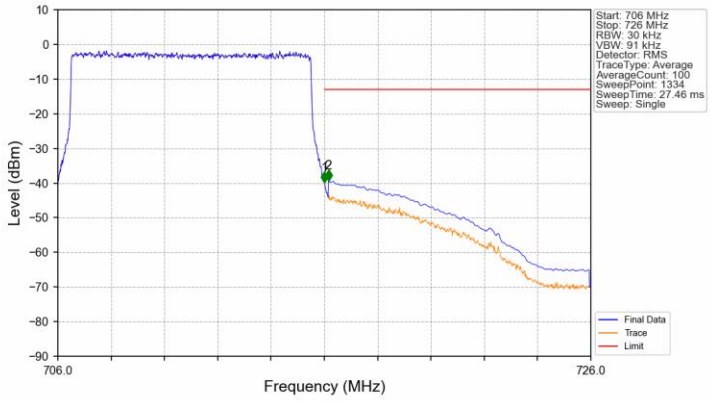


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	-29.87	-13	Pass
716.1	726	0.1	CHP	2	716.158	-37.22	-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	716.008	-39.92	-13	Pass
716.1	726	0.1	CHP	2	716.158	-39.37	-13	Pass

7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
17	5	706.5	713.5	0.2393	0.0599	ppm	4M56G7D	27H	23.79
17	5	706.5	713.5	0.1879	0.0659	ppm	4M58W7D	27H	22.74
17	10	709	711	0.2377	0.0216	ppm	9M06G7D	27H	23.76
17	10	709	711	0.2213	0.0321	ppm	9M08W7D	27H	23.45

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
17	5	706.5	713.5	0.1050	0.0599	ppm	4M56G7D	27H	20.21
17	5	706.5	713.5	0.0824	0.0659	ppm	4M58W7D	27H	19.16
17	10	709	711	0.1042	0.0216	ppm	9M06G7D	27H	20.18
17	10	709	711	0.0971	0.0321	ppm	9M08W7D	27H	19.87