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	19.86	0.80	18.51	<=34.77	Pass
			13	20.07	0.80	18.72	<=34.77	Pass
			24	20.10	0.80	18.75	<=34.77	Pass
		12	0	19.45	0.80	18.10	<=34.77	Pass
			6	19.61	0.80	18.26	<=34.77	Pass
			13	19.31	0.80	17.96	<=34.77	Pass
		25	0	19.61	0.80	18.26	<=34.77	Pass
	710	1	0	20.25	0.80	18.90	<=34.77	Pass
			13	20.45	0.80	19.10	<=34.77	Pass
			24	20.43	0.80	19.08	<=34.77	Pass
		12	0	19.29	0.80	17.94	<=34.77	Pass
			6	19.34	0.80	17.99	<=34.77	Pass
			13	19.47	0.80	18.12	<=34.77	Pass
		25	0	19.43	0.80	18.08	<=34.77	Pass
	713.5	1	0	20.41	0.80	19.06	<=34.77	Pass
			13	20.43	0.80	19.08	<=34.77	Pass
			24	20.40	0.80	19.05	<=34.77	Pass
		12	0	19.47	0.80	18.12	<=34.77	Pass
			6	19.76	0.80	18.41	<=34.77	Pass
			13	19.88	0.80	18.53	<=34.77	Pass
		25	0	19.80	0.80	18.45	<=34.77	Pass
16QAM	706.5	1	0	19.22	0.80	17.87	<=34.77	Pass
			13	19.53	0.80	18.18	<=34.77	Pass
			24	19.39	0.80	18.04	<=34.77	Pass
		12	0	18.52	0.80	17.17	<=34.77	Pass
			6	18.54	0.80	17.19	<=34.77	Pass
			13	18.64	0.80	17.29	<=34.77	Pass
		25	0	18.64	0.80	17.29	<=34.77	Pass
	710	1	0	18.87	0.80	17.52	<=34.77	Pass
			13	19.09	0.80	17.74	<=34.77	Pass
			24	19.08	0.80	17.73	<=34.77	Pass
		12	0	18.59	0.80	17.24	<=34.77	Pass
			6	18.26	0.80	16.91	<=34.77	Pass
			13	18.33	0.80	16.98	<=34.77	Pass
		25	0	18.18	0.80	16.83	<=34.77	Pass
	713.5	1	0	18.45	0.80	17.10	<=34.77	Pass
			13	18.81	0.80	17.46	<=34.77	Pass
			24	18.45	0.80	17.10	<=34.77	Pass
		12	0	18.27	0.80	16.92	<=34.77	Pass
			6	18.83	0.80	17.48	<=34.77	Pass
			13	18.79	0.80	17.44	<=34.77	Pass
		25	0	18.82	0.80	17.47	<=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	20.09	0.80	18.74	<=34.77	Pass
			25	20.50	0.80	19.15	<=34.77	Pass
			49	20.67	0.80	19.32	<=34.77	Pass
		25	0	19.61	0.80	18.26	<=34.77	Pass
			13	19.38	0.80	18.03	<=34.77	Pass
			25	19.56	0.80	18.21	<=34.77	Pass
		50	0	19.47	0.80	18.12	<=34.77	Pass
	710	1	0	20.26	0.80	18.91	<=34.77	Pass
			25	20.52	0.80	19.17	<=34.77	Pass
			49	20.71	0.80	19.36	<=34.77	Pass
		25	0	19.36	0.80	18.01	<=34.77	Pass
			13	19.66	0.80	18.31	<=34.77	Pass
			25	19.67	0.80	18.32	<=34.77	Pass
		50	0	19.47	0.80	18.12	<=34.77	Pass
	711	1	0	20.34	0.80	18.99	<=34.77	Pass
			25	20.46	0.80	19.11	<=34.77	Pass
			49	20.64	0.80	19.29	<=34.77	Pass
		25	0	19.46	0.80	18.11	<=34.77	Pass
			13	19.66	0.80	18.31	<=34.77	Pass
			25	19.83	0.80	18.48	<=34.77	Pass
		50	0	19.64	0.80	18.29	<=34.77	Pass
16QAM	709	1	0	18.77	0.80	17.42	<=34.77	Pass
			25	18.93	0.80	17.58	<=34.77	Pass
			49	19.39	0.80	18.04	<=34.77	Pass
		12	0	19.57	0.80	18.22	<=34.77	Pass
			19	19.58	0.80	18.23	<=34.77	Pass
			38	19.81	0.80	18.46	<=34.77	Pass
		27	0	18.74	0.80	17.39	<=34.77	Pass
	710	1	0	19.62	0.80	18.27	<=34.77	Pass
			25	19.75	0.80	18.40	<=34.77	Pass
			49	19.90	0.80	18.55	<=34.77	Pass
		12	0	19.54	0.80	18.19	<=34.77	Pass
			19	19.44	0.80	18.09	<=34.77	Pass
			38	19.74	0.80	18.39	<=34.77	Pass
		27	0	18.73	0.80	17.38	<=34.77	Pass
	711	1	0	19.60	0.80	18.25	<=34.77	Pass
			25	19.63	0.80	18.28	<=34.77	Pass
			49	19.80	0.80	18.45	<=34.77	Pass
		12	0	19.56	0.80	18.21	<=34.77	Pass
			19	19.69	0.80	18.34	<=34.77	Pass
			38	19.88	0.80	18.53	<=34.77	Pass
		27	23	18.64	0.80	17.29	<=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	-40.469	-0.0573	-2.5 to 2.5	Pass

					3.85	-43.015	-0.0609	-2.5 to 2.5	Pass
					4.43	-41.628	-0.0589	-2.5 to 2.5	Pass
				-30	3.85	-21.501	-0.0304	-2.5 to 2.5	Pass
				-20	3.85	-17.867	-0.0253	-2.5 to 2.5	Pass
				-10	3.85	-28.253	-0.0400	-2.5 to 2.5	Pass
				0	3.85	-42.758	-0.0605	-2.5 to 2.5	Pass
				10	3.85	-5.922	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-15.750	-0.0223	-2.5 to 2.5	Pass
				40	3.85	-22.559	-0.0319	-2.5 to 2.5	Pass
				50	3.85	-29.511	-0.0418	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	-3.176	-0.0045	-2.5 to 2.5	Pass
					4.43	-5.951	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-8.225	-0.0116	-2.5 to 2.5	Pass
				-20	3.85	-10.028	-0.0141	-2.5 to 2.5	Pass
				-10	3.85	-11.387	-0.0160	-2.5 to 2.5	Pass
				0	3.85	-13.776	-0.0194	-2.5 to 2.5	Pass
				10	3.85	-16.022	-0.0226	-2.5 to 2.5	Pass
				30	3.85	-16.966	-0.0239	-2.5 to 2.5	Pass
				40	3.85	-17.667	-0.0249	-2.5 to 2.5	Pass
				50	3.85	-20.027	-0.0282	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	2.861	0.0040	-2.5 to 2.5	Pass
					3.85	-2.160	-0.0030	-2.5 to 2.5	Pass
					4.43	-5.221	-0.0073	-2.5 to 2.5	Pass
				-30	3.85	-8.898	-0.0125	-2.5 to 2.5	Pass
				-20	3.85	-9.828	-0.0138	-2.5 to 2.5	Pass
				-10	3.85	-10.872	-0.0152	-2.5 to 2.5	Pass
				0	3.85	-13.704	-0.0192	-2.5 to 2.5	Pass
				10	3.85	-14.234	-0.0199	-2.5 to 2.5	Pass
				30	3.85	-14.148	-0.0198	-2.5 to 2.5	Pass
				40	3.85	-12.975	-0.0182	-2.5 to 2.5	Pass
				50	3.85	-13.204	-0.0185	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-35.262	-0.0499	-2.5 to 2.5	Pass
					3.85	-37.465	-0.0530	-2.5 to 2.5	Pass
					4.43	-39.225	-0.0555	-2.5 to 2.5	Pass
				-30	3.85	-41.742	-0.0591	-2.5 to 2.5	Pass
				-20	3.85	-44.804	-0.0634	-2.5 to 2.5	Pass
				-10	3.85	-48.637	-0.0688	-2.5 to 2.5	Pass
				0	3.85	3.390	0.0048	-2.5 to 2.5	Pass
				10	3.85	2.346	0.0033	-2.5 to 2.5	Pass
				30	3.85	0.715	0.0010	-2.5 to 2.5	Pass
				40	3.85	-0.801	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-2.189	-0.0031	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-21.186	-0.0298	-2.5 to 2.5	Pass
					3.85	-20.857	-0.0294	-2.5 to 2.5	Pass
					4.43	-21.458	-0.0302	-2.5 to 2.5	Pass
				-30	3.85	-21.944	-0.0309	-2.5 to 2.5	Pass
				-20	3.85	-21.644	-0.0305	-2.5 to 2.5	Pass
				-10	3.85	-21.558	-0.0304	-2.5 to 2.5	Pass
				0	3.85	-20.642	-0.0291	-2.5 to 2.5	Pass
				10	3.85	-22.631	-0.0319	-2.5 to 2.5	Pass
				30	3.85	-22.759	-0.0321	-2.5 to 2.5	Pass
				40	3.85	-22.531	-0.0317	-2.5 to 2.5	Pass
				50	3.85	-24.047	-0.0339	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-12.560	-0.0176	-2.5 to 2.5	Pass
					3.85	-11.916	-0.0167	-2.5 to 2.5	Pass
					4.43	-13.461	-0.0189	-2.5 to 2.5	Pass
				-30	3.85	-12.646	-0.0177	-2.5 to 2.5	Pass
				-20	3.85	-12.016	-0.0168	-2.5 to 2.5	Pass

				-10	3.85	-13.518	-0.0189	-2.5 to 2.5	Pass
				0	3.85	-12.903	-0.0181	-2.5 to 2.5	Pass
				10	3.85	-12.803	-0.0179	-2.5 to 2.5	Pass
				30	3.85	-12.188	-0.0171	-2.5 to 2.5	Pass
				40	3.85	-12.302	-0.0172	-2.5 to 2.5	Pass
				50	3.85	-13.232	-0.0185	-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	-6.051	-0.0085	-2.5 to 2.5	Pass
					3.85	-22.459	-0.0317	-2.5 to 2.5	Pass
					4.43	-31.042	-0.0438	-2.5 to 2.5	Pass
				-30	3.85	-36.249	-0.0511	-2.5 to 2.5	Pass
				-20	3.85	-37.966	-0.0535	-2.5 to 2.5	Pass
				-10	3.85	-39.196	-0.0553	-2.5 to 2.5	Pass
				0	3.85	-41.342	-0.0583	-2.5 to 2.5	Pass
				10	3.85	-41.842	-0.0590	-2.5 to 2.5	Pass
				30	3.85	-41.957	-0.0592	-2.5 to 2.5	Pass
				40	3.85	-41.957	-0.0592	-2.5 to 2.5	Pass
				50	3.85	-41.614	-0.0587	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-2.260	-0.0032	-2.5 to 2.5	Pass
					3.85	-4.020	-0.0057	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-4.635	-0.0065	-2.5 to 2.5	Pass
				-20	3.85	-4.492	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-5.264	-0.0074	-2.5 to 2.5	Pass
				0	3.85	-4.950	-0.0070	-2.5 to 2.5	Pass
				10	3.85	-4.749	-0.0067	-2.5 to 2.5	Pass
				30	3.85	-5.851	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-5.307	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-6.223	-0.0088	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-0.014	0.0000	-2.5 to 2.5	Pass
					3.85	-1.101	-0.0015	-2.5 to 2.5	Pass
					4.43	-2.489	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	0.072	0.0001	-2.5 to 2.5	Pass
				-20	3.85	-0.157	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.473	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-0.758	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-1.101	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.076	-0.0043	-2.5 to 2.5	Pass
				40	3.85	-1.044	-0.0015	-2.5 to 2.5	Pass
				50	3.85	-0.629	-0.0009	-2.5 to 2.5	Pass
16QAM	709	27	0	20	3.27	-43.015	-0.0607	-2.5 to 2.5	Pass
					3.85	-42.558	-0.0600	-2.5 to 2.5	Pass
					4.43	-41.385	-0.0584	-2.5 to 2.5	Pass
				-30	3.85	-42.129	-0.0594	-2.5 to 2.5	Pass
				-20	3.85	-41.041	-0.0579	-2.5 to 2.5	Pass
				-10	3.85	-41.113	-0.0580	-2.5 to 2.5	Pass
				0	3.85	-41.785	-0.0589	-2.5 to 2.5	Pass
				10	3.85	-39.754	-0.0561	-2.5 to 2.5	Pass
				30	3.85	-41.170	-0.0581	-2.5 to 2.5	Pass
				40	3.85	-41.571	-0.0586	-2.5 to 2.5	Pass
				50	3.85	-42.229	-0.0596	-2.5 to 2.5	Pass
	710	27	0	20	3.27	-6.065	-0.0085	-2.5 to 2.5	Pass

					3.85	-4.263	-0.0060	-2.5 to 2.5	Pass
					4.43	-3.991	-0.0056	-2.5 to 2.5	Pass
				-30	3.85	-5.708	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-5.093	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-5.322	-0.0075	-2.5 to 2.5	Pass
				0	3.85	-6.266	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-6.795	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-5.822	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-5.178	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-5.350	-0.0075	-2.5 to 2.5	Pass
	711	27	23	20	3.27	-1.302	-0.0018	-2.5 to 2.5	Pass
					3.85	-0.615	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.944	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-0.072	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.114	0.0002	-2.5 to 2.5	Pass
				-10	3.85	0.386	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.730	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.544	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.917	0.0027	-2.5 to 2.5	Pass
				40	3.85	1.702	0.0024	-2.5 to 2.5	Pass
				50	3.85	2.174	0.0031	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B17_5MHz

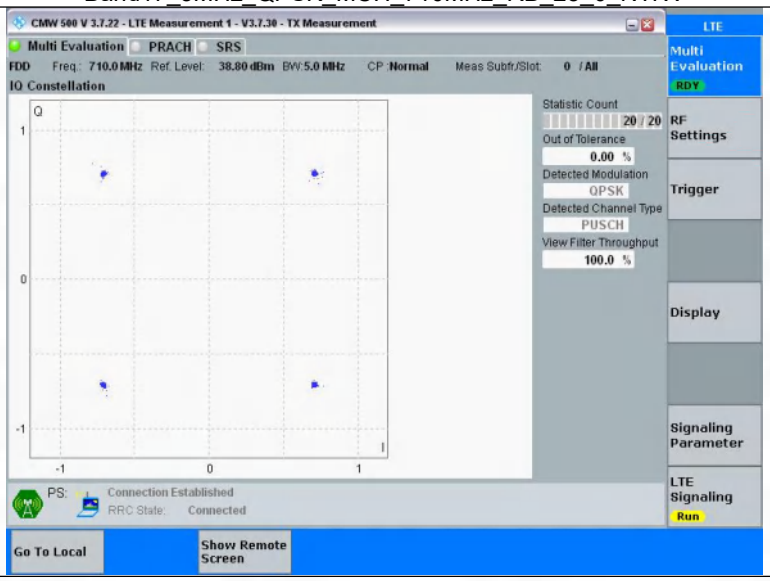
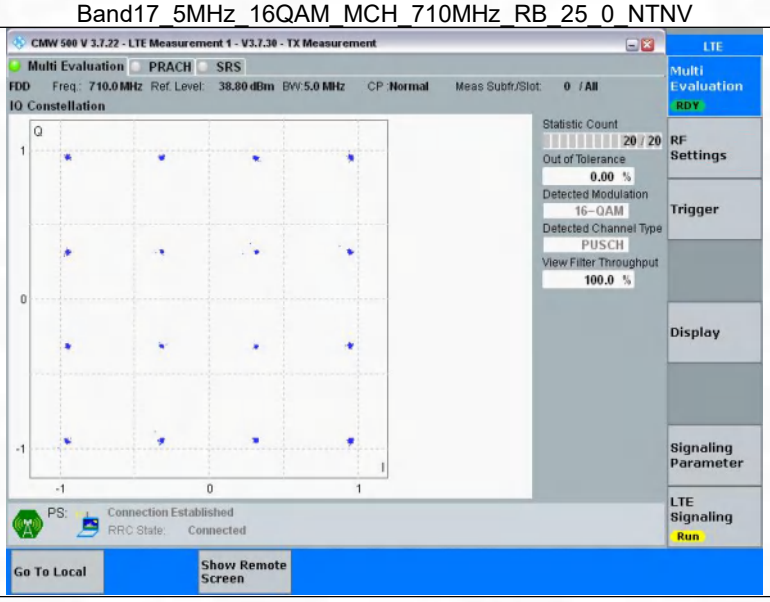
Band: 17 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	25	0	Refer To Test Graph		Pass
16QAM	710	25	0	Refer To Test Graph		Pass

3.1.2 B17_10MHz

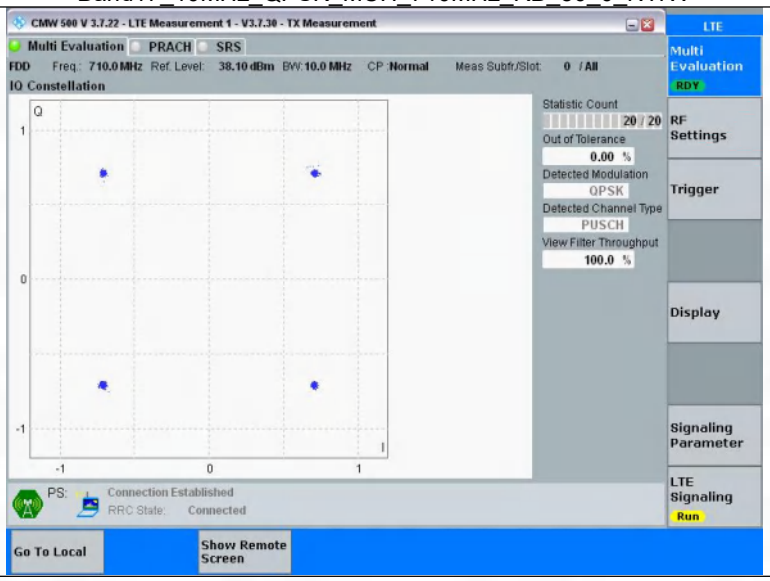
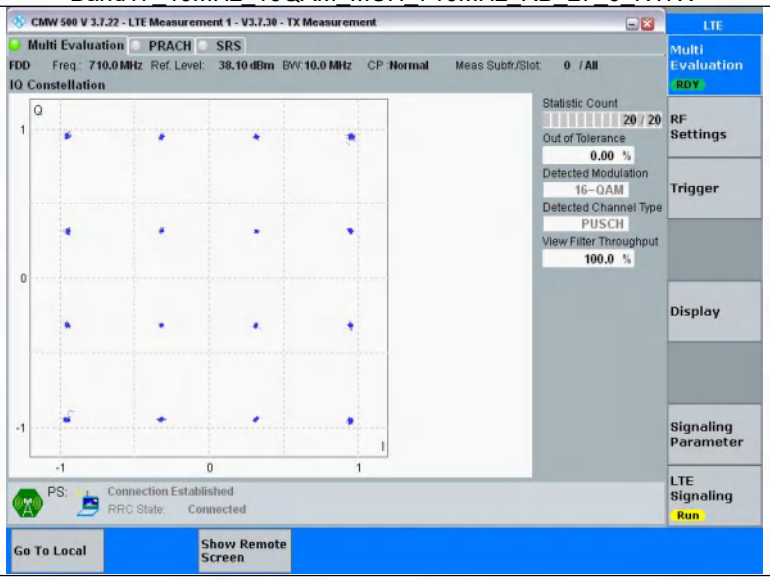
Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	710	50	0	Refer To Test Graph		Pass
16QAM	710	27	0	Refer To Test Graph		Pass

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_27_0_NTNV


4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band17_OBW

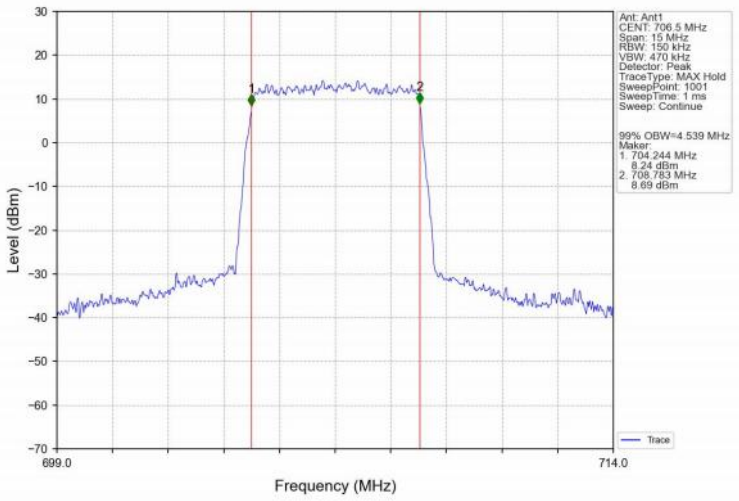
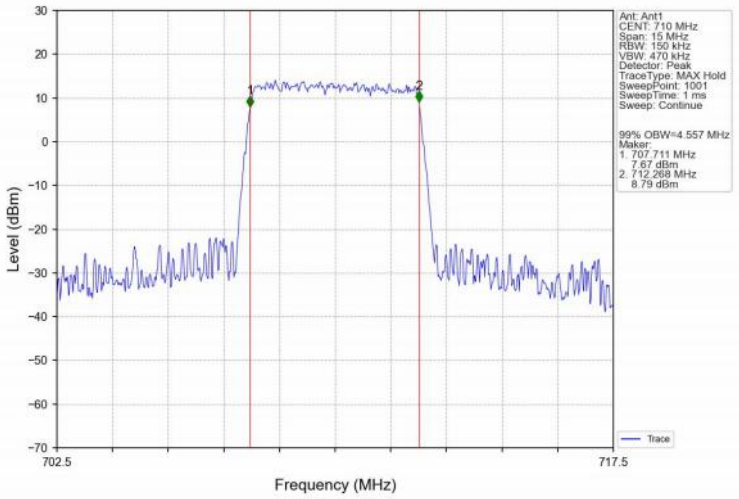
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	4.539	/	Pass
		710	25	0	4.557	/	Pass
		713.5	25	0	4.573	/	Pass
	16QAM	706.5	25	0	4.545	/	Pass
		710	25	0	4.562	/	Pass
		713.5	25	0	4.552	/	Pass
10	QPSK	709	50	0	9.083	/	Pass
		710	50	0	9.051	/	Pass
		711	50	0	9.089	/	Pass
	16QAM	709	27	0	5.368	/	Pass
		710	27	0	5.245	/	Pass
		711	27	23	5.777	/	Pass

4.1.2 Band17_XDB

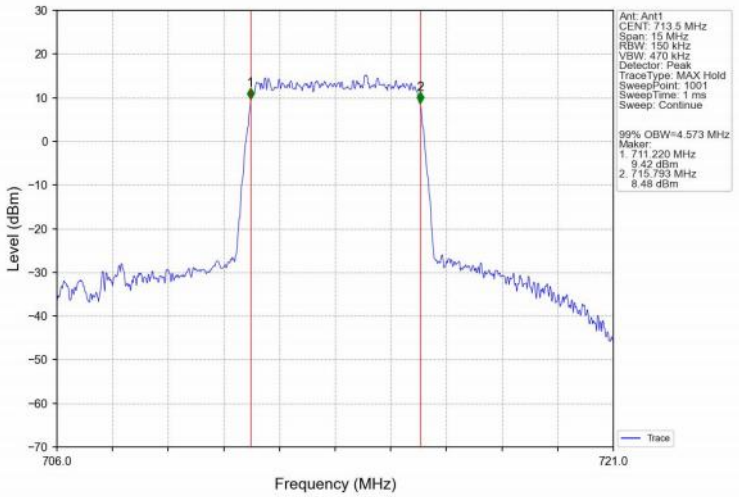
Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.035	/	Pass
		710	25	0	5.058	/	Pass
		713.5	25	0	5.059	/	Pass
	16QAM	706.5	25	0	5.039	/	Pass
		710	25	0	5.057	/	Pass
		713.5	25	0	5.057	/	Pass
10	QPSK	709	50	0	10.030	/	Pass
		710	50	0	10.045	/	Pass
		711	50	0	10.019	/	Pass
	16QAM	709	27	0	7.933	/	Pass
		710	27	0	7.474	/	Pass
		711	27	23	9.150	/	Pass

4.2 Test Graph

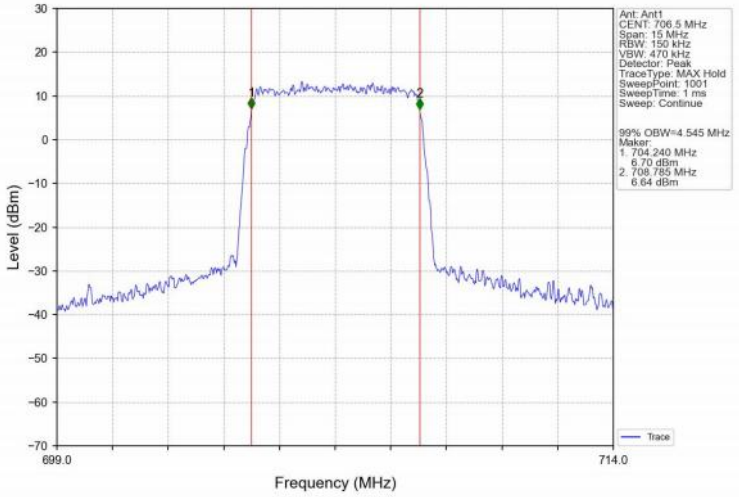
4.2.1 Band17_OBW

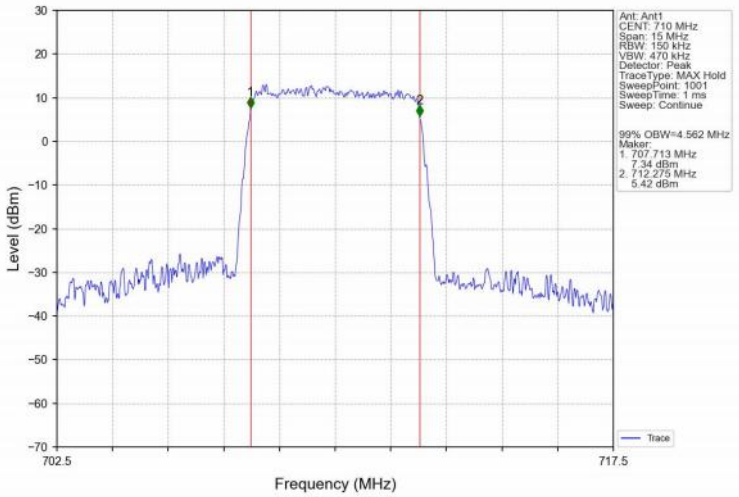
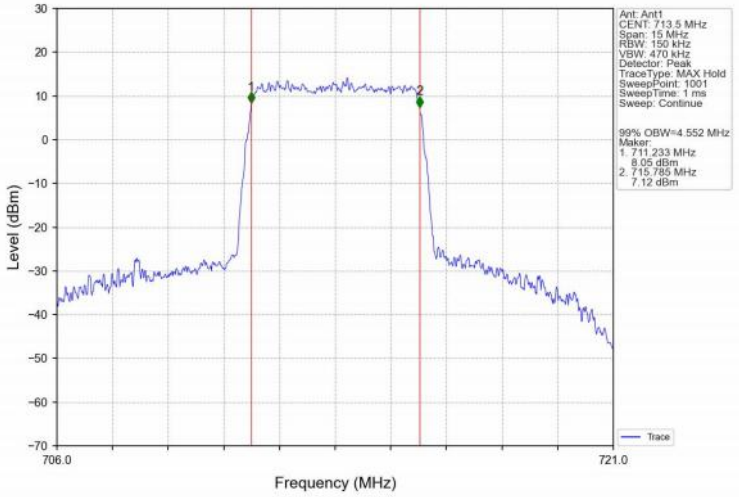
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV


Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV

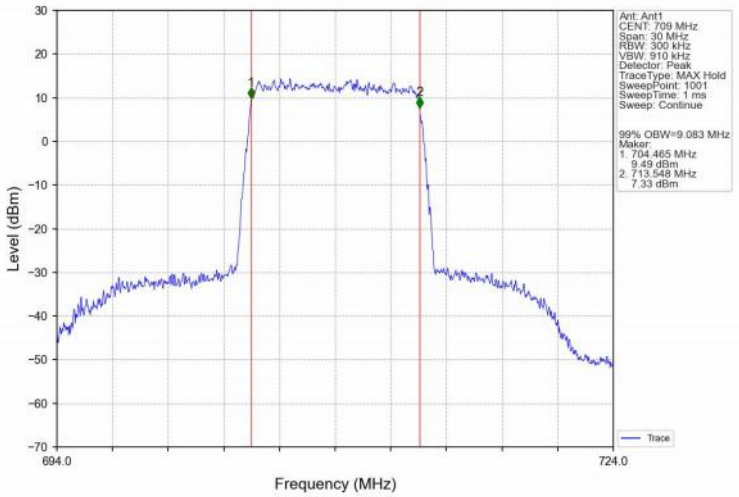


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

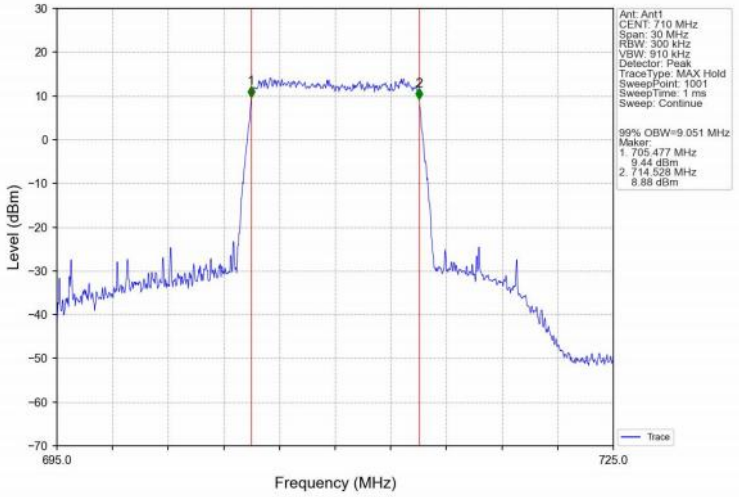


Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV


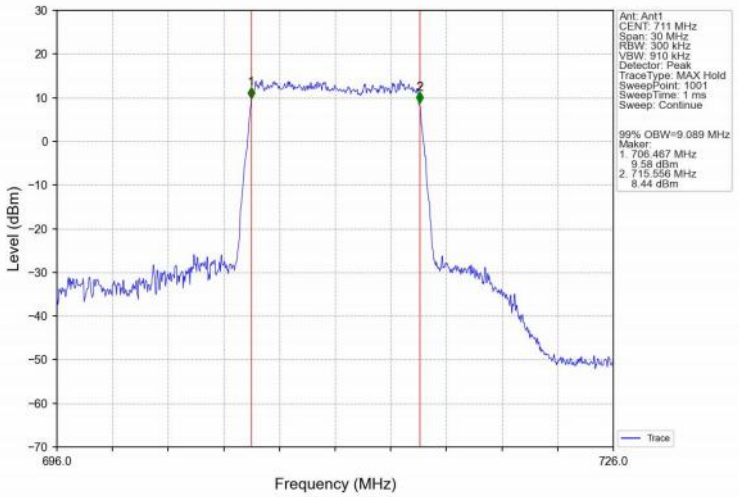
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



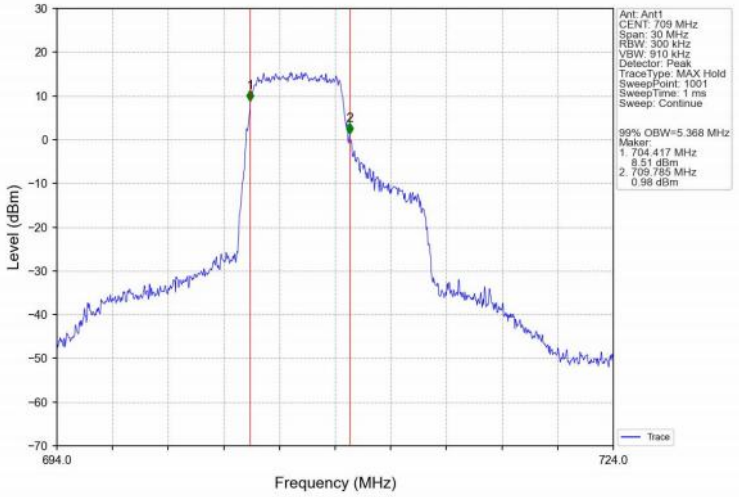
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV

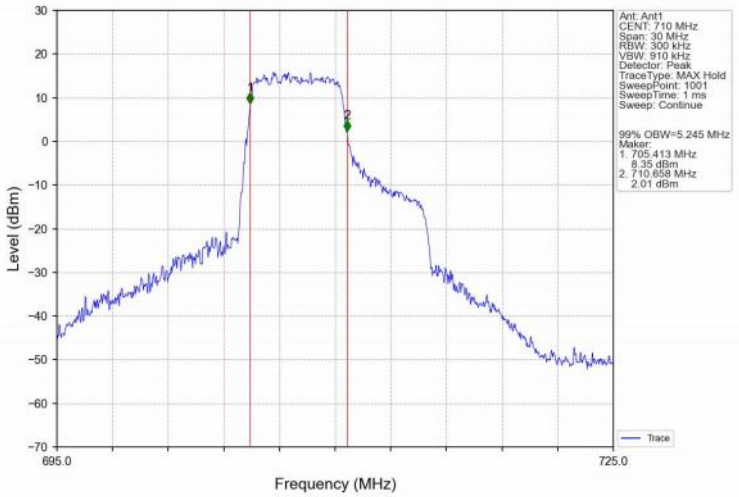
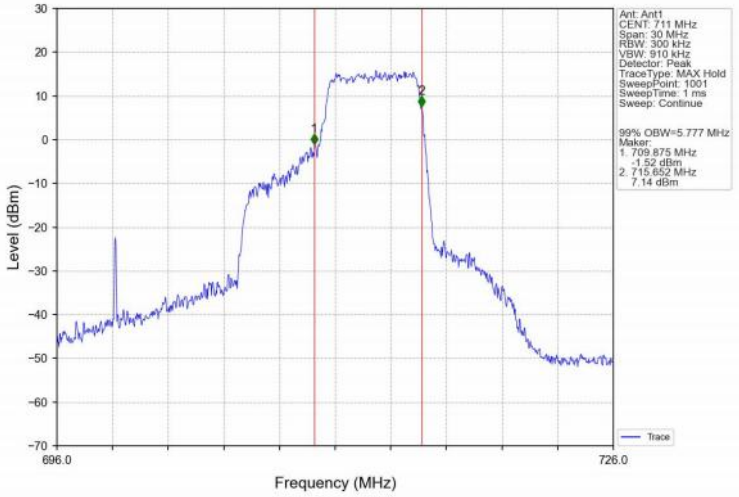


Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

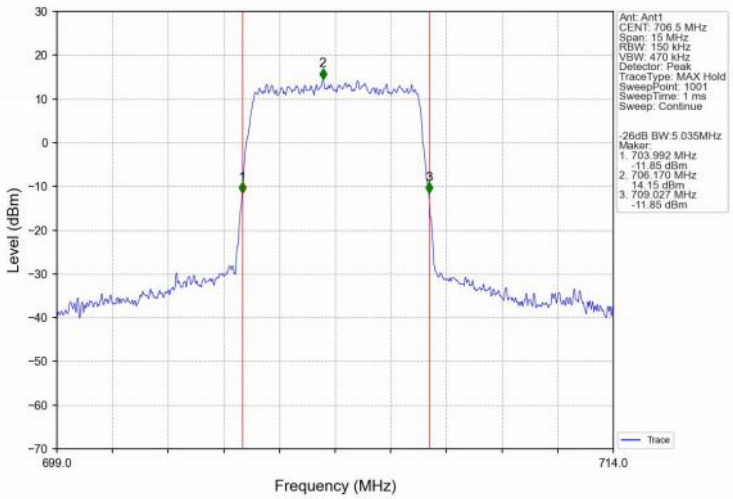
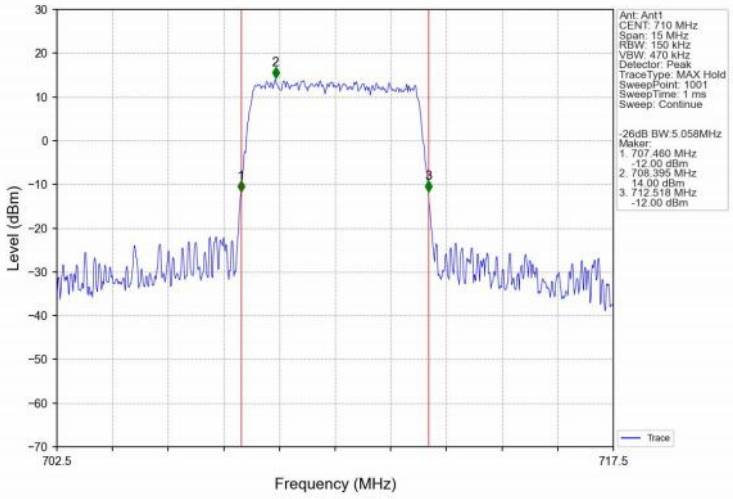


Band17_10MHz_16QAM_LCH_709MHz_RB_27_0_NTNV

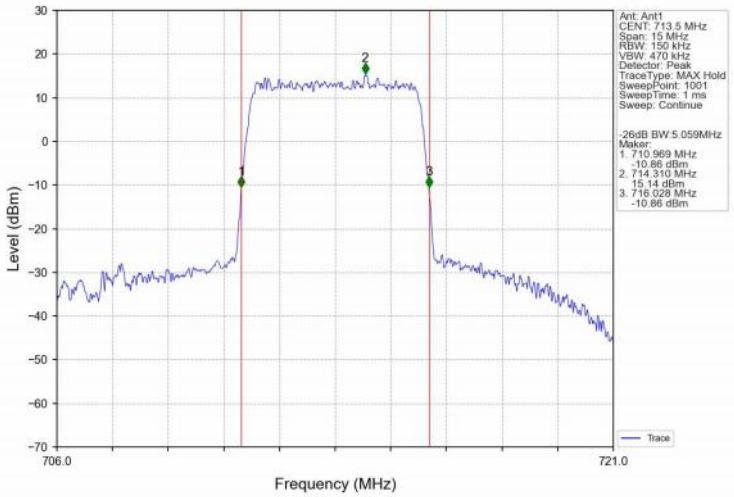


Band17_10MHz_16QAM_MCH_710MHz_RB_27_0_NTNV

Band17_10MHz_16QAM_HCH_711MHz_RB_27_23_NTNV


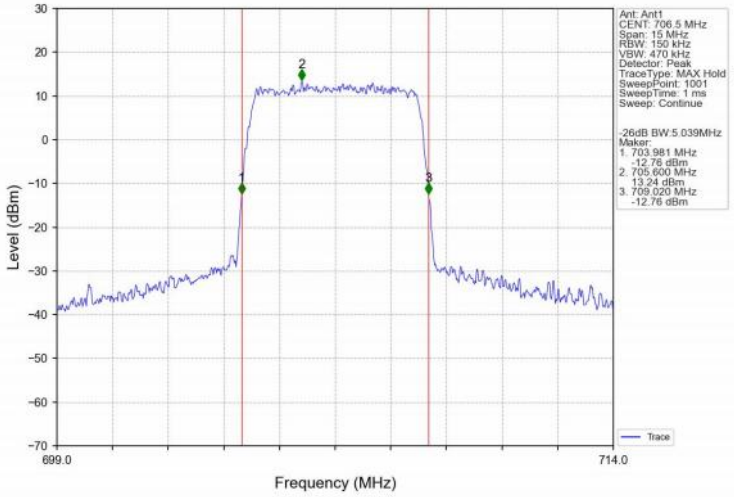
4.2.2 Band17_XDB

Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV


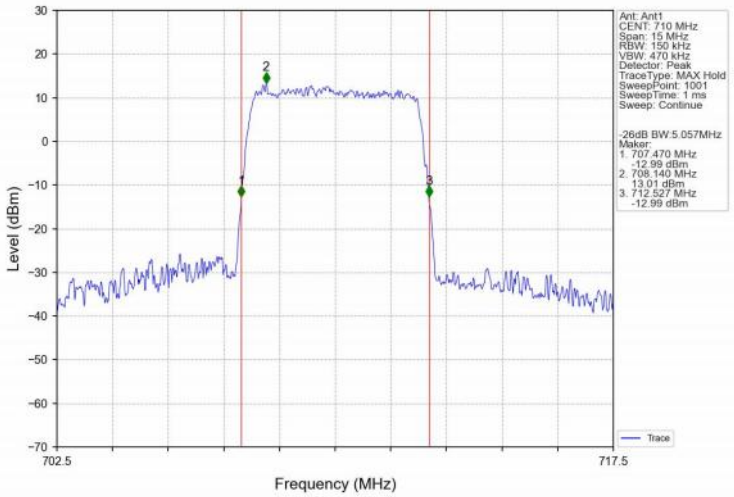
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



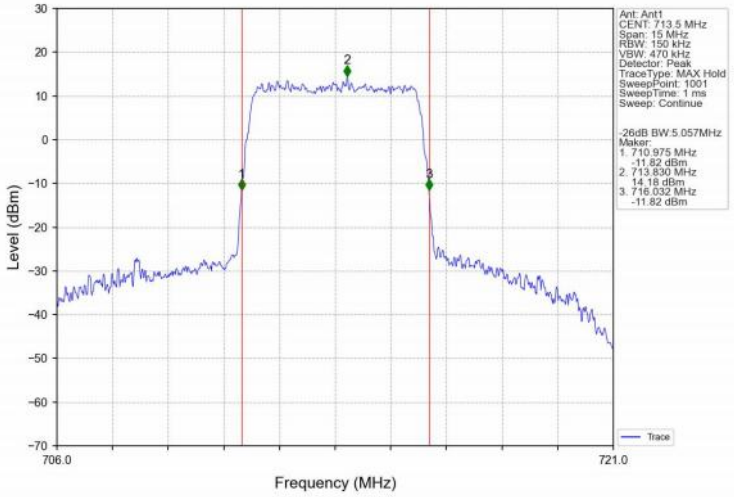
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



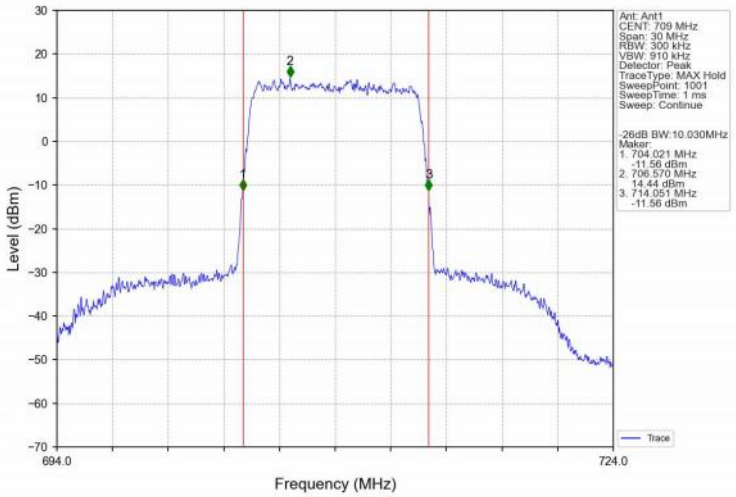
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



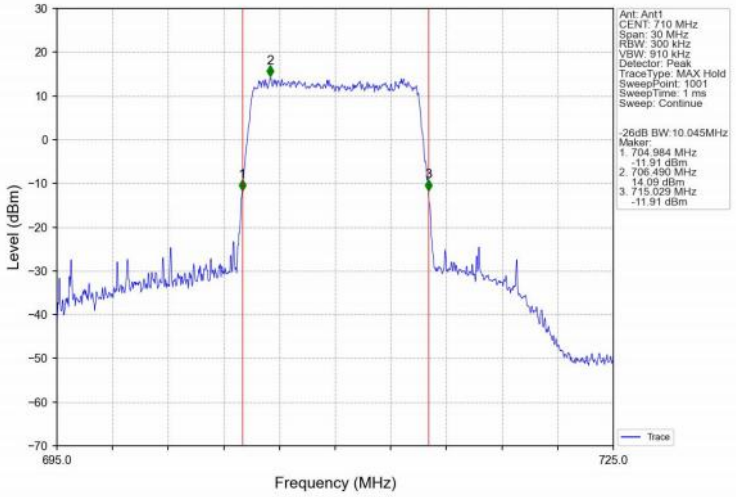
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

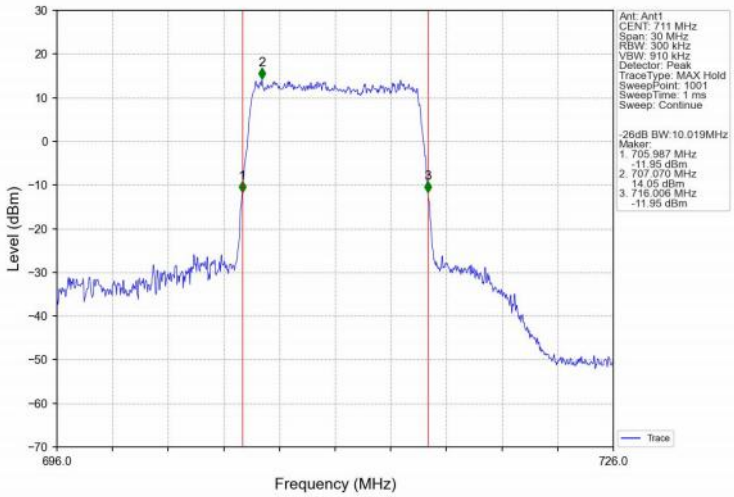
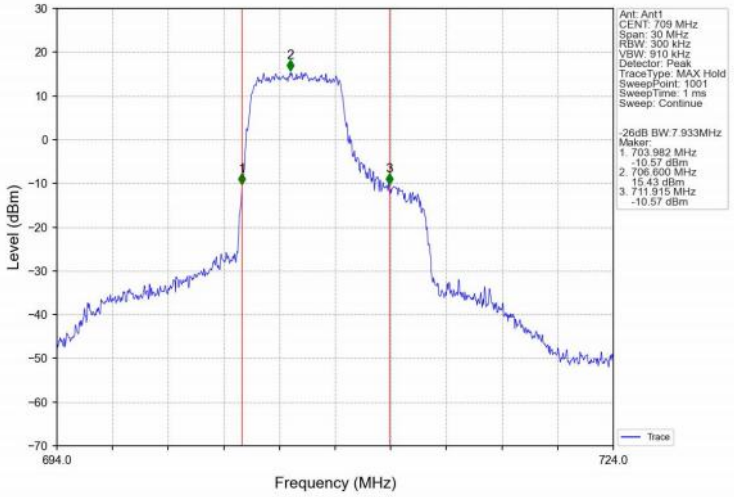


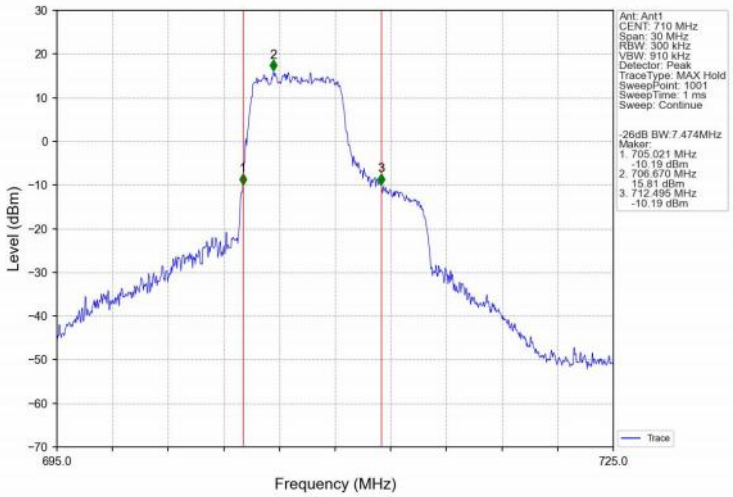
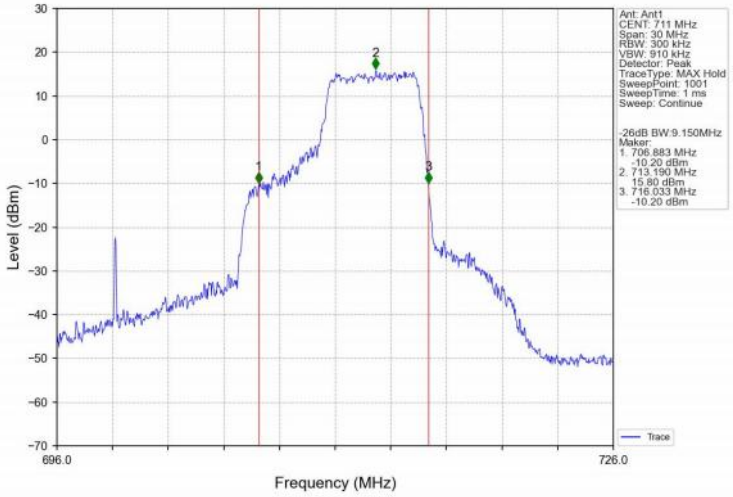
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

Band17_10MHz_16QAM_LCH_709MHz_RB_27_0_NTNV


Band17_10MHz_16QAM_MCH_710MHz_RB_27_0_NTNV

Band17_10MHz_16QAM_HCH_711MHz_RB_27_23_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	5.72	<=13	Pass
	710	25	0	5.73	<=13	Pass
	713.5	25	0	5.81	<=13	Pass
16QAM	706.5	25	0	6.52	<=13	Pass
	710	25	0	6.45	<=13	Pass
	713.5	25	0	6.56	<=13	Pass

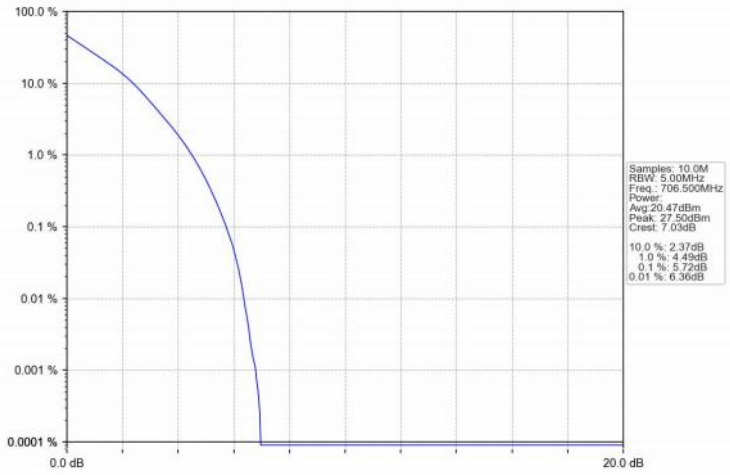
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.83	<=13	Pass
	710	50	0	5.89	<=13	Pass
	711	50	0	5.88	<=13	Pass
16QAM	709	27	0	6.45	<=13	Pass
	710	27	0	6.44	<=13	Pass
	711	27	23	6.59	<=13	Pass

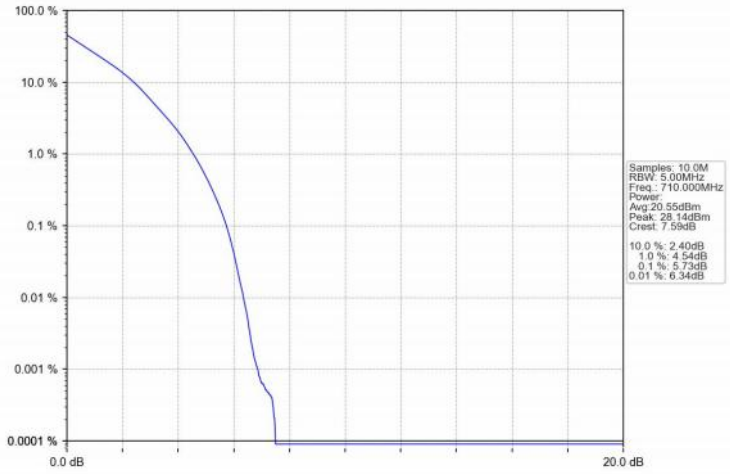
5.2 Test Graph

5.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

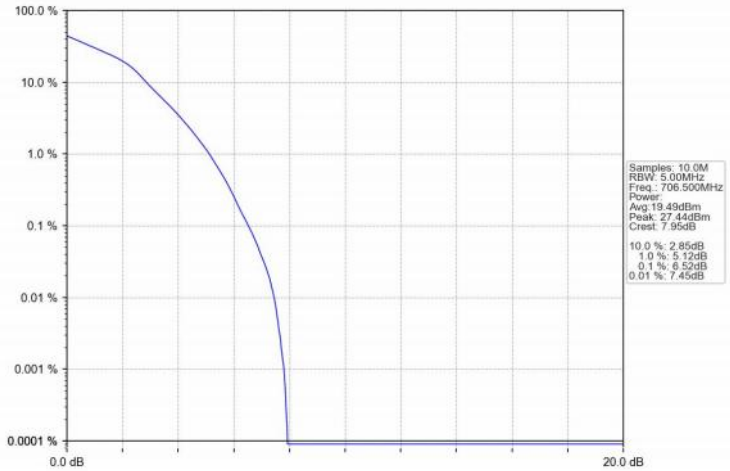


Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV

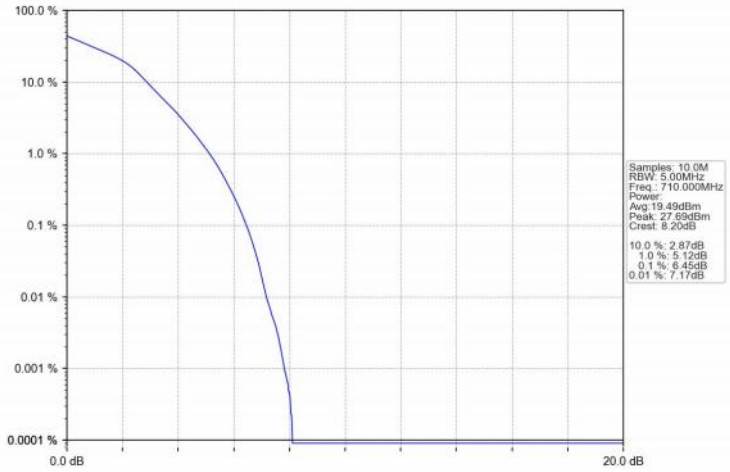


Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV

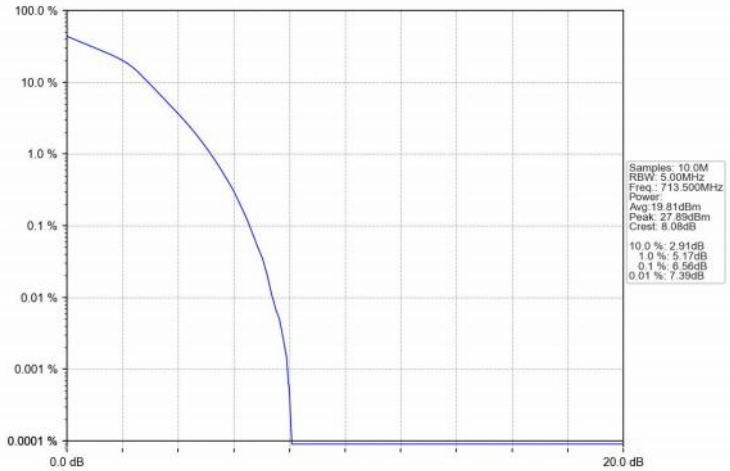
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV

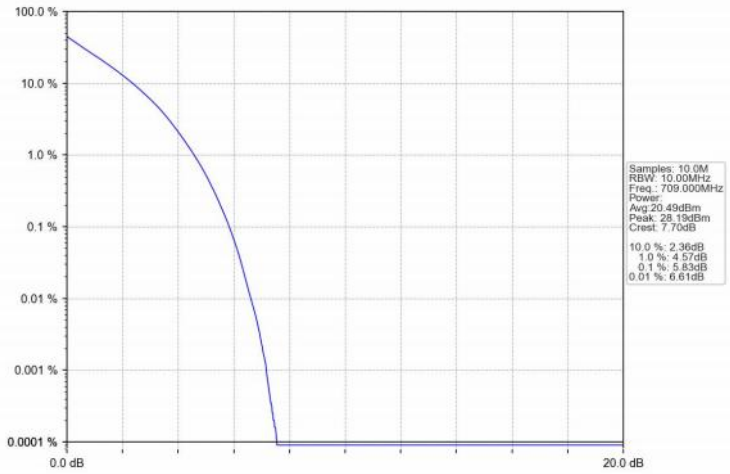


Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

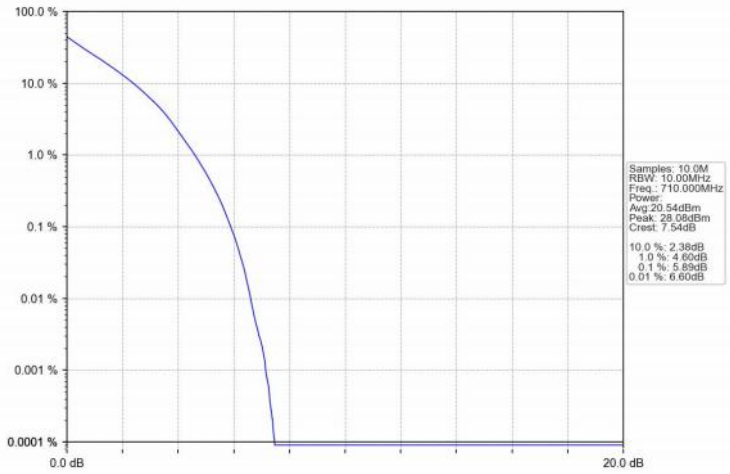


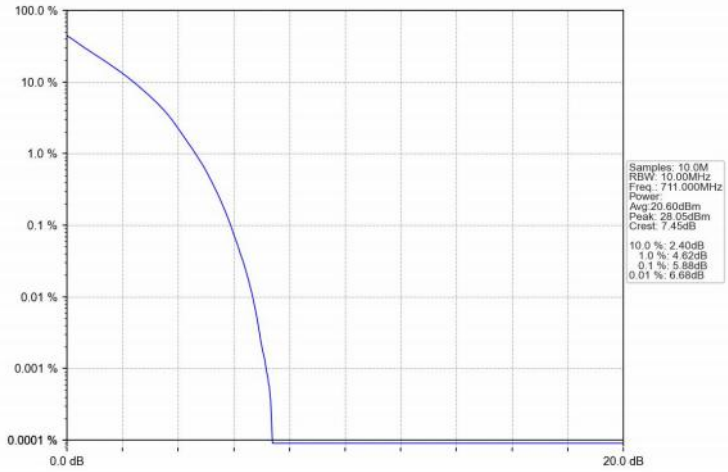
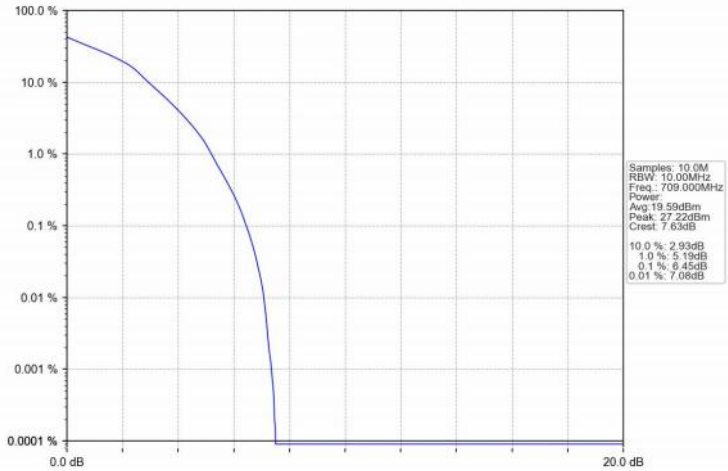
5.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

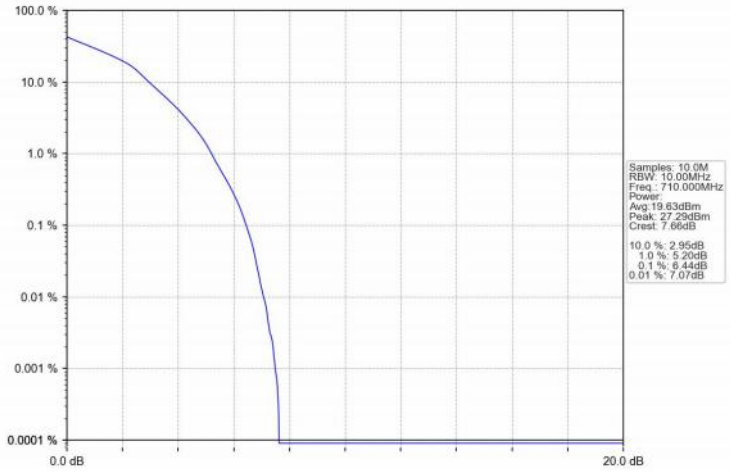


Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV

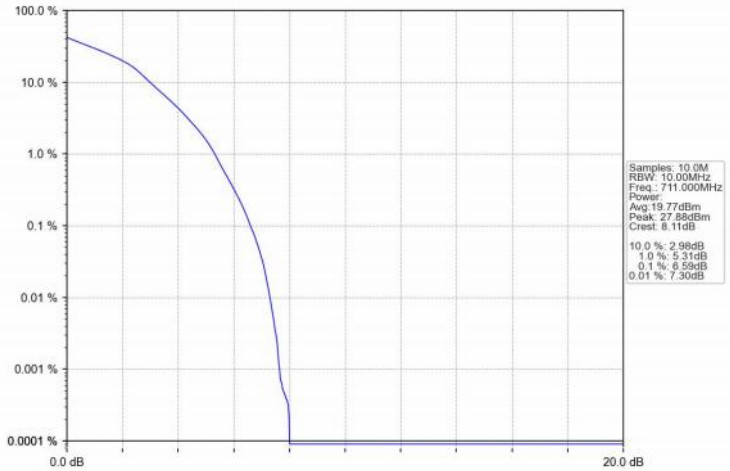


Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV

Band17_10MHz_16QAM_LCH_709MHz_RB_27_0_NTNV


Band17_10MHz_16QAM_MCH_710MHz_RB_27_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_27_23_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

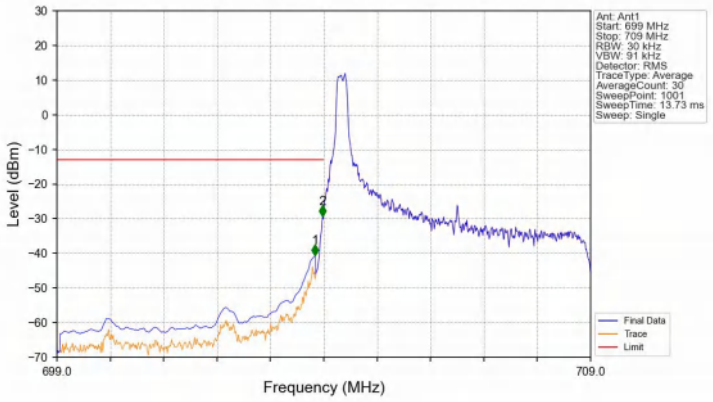
6.1.2 B17_10MHz

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
	710	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

6.2 Test Graph

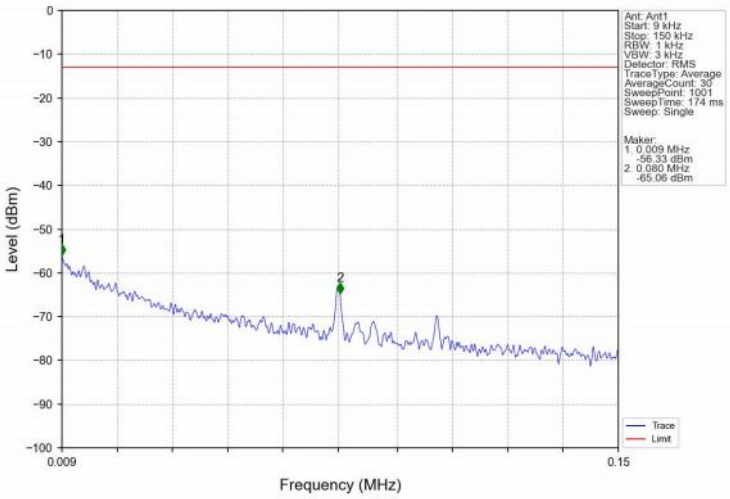
6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

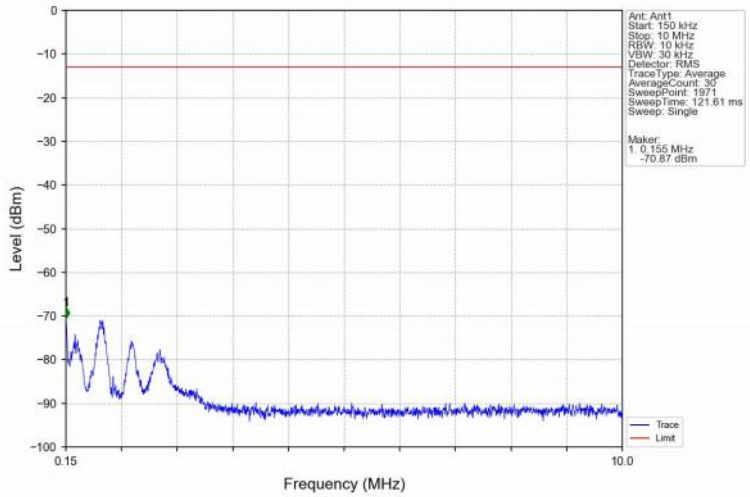


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-40.65	-13	Pass
703.9	704	0.03	/	2	703.980	-29.37	-13	Pass
704	709	0.03	/	/	/	/	/	/

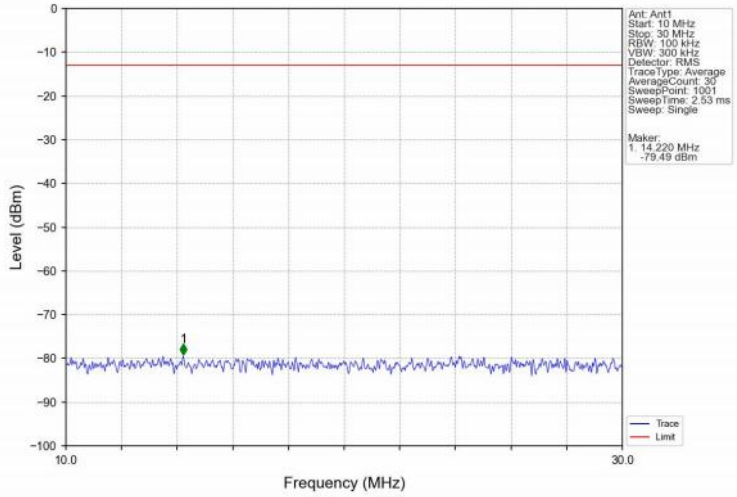
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



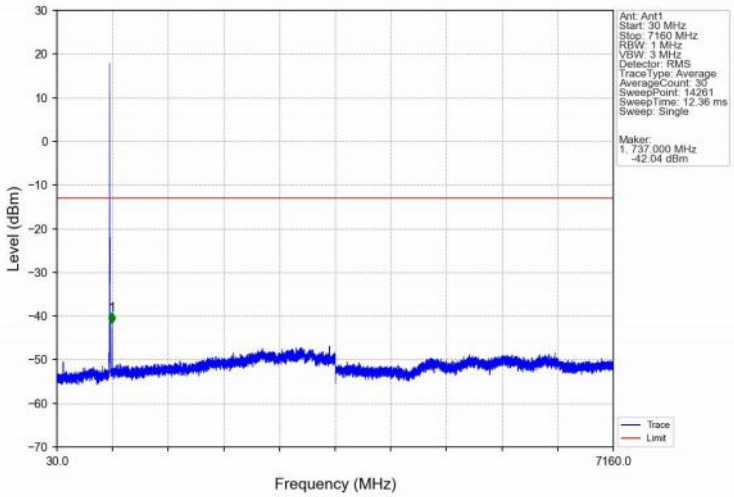
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



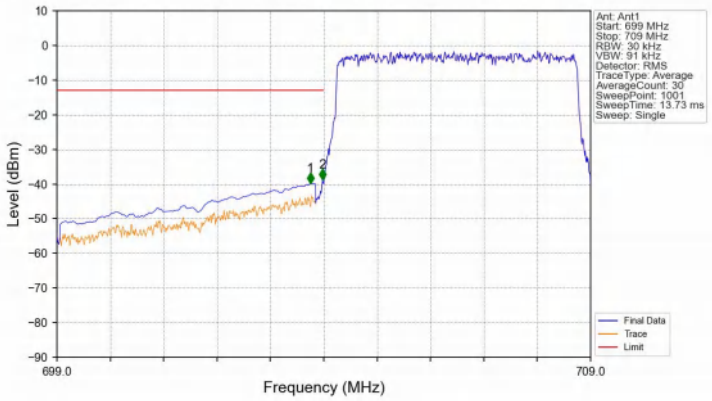
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

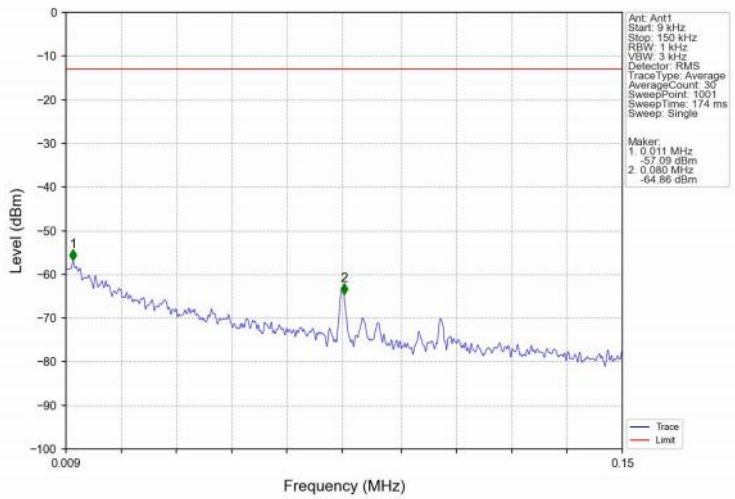


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

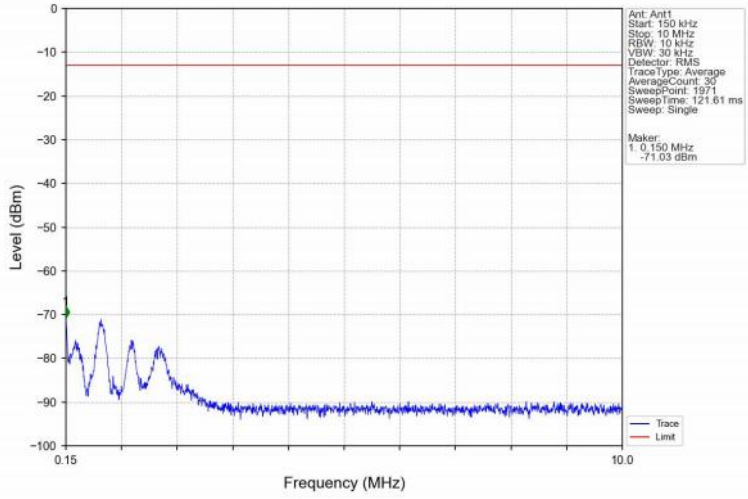


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.750	-39.82	-13	Pass
703.9	704	0.03	/	2	703.980	-38.75	-13	Pass
704	709	0.03	/	/	/	/	/	/

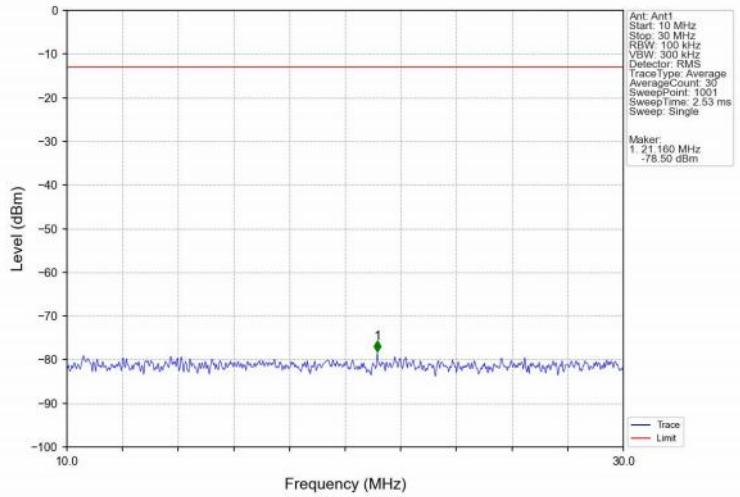
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



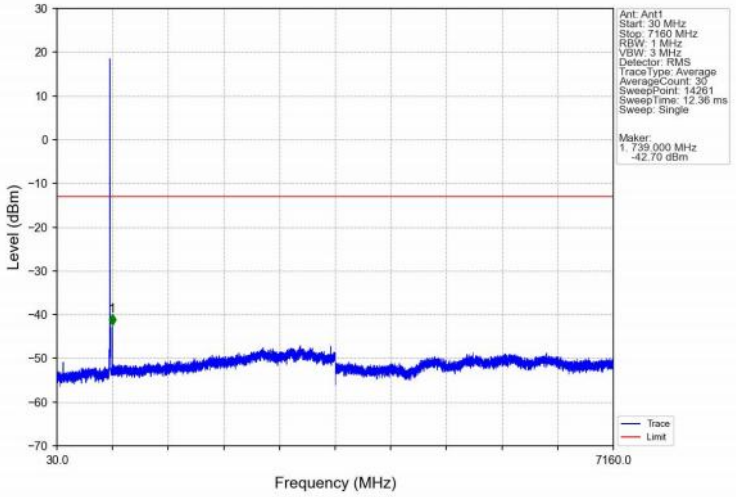
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



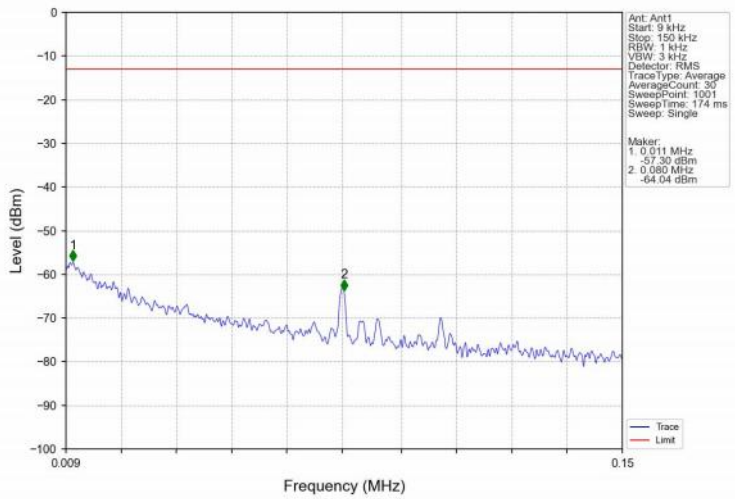
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



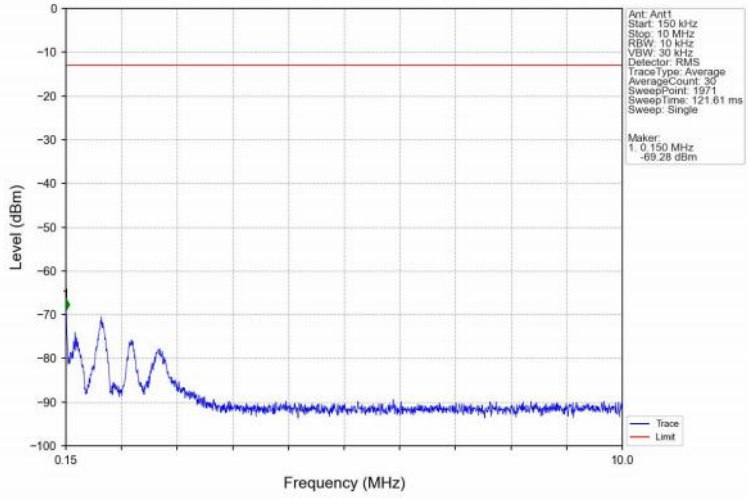
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV

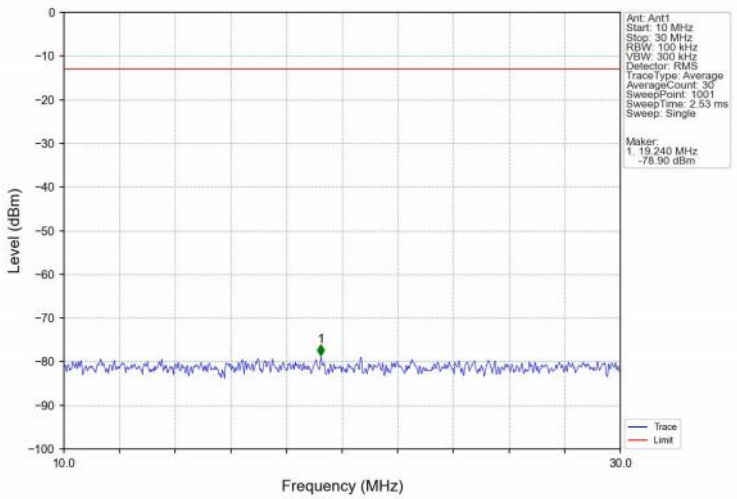
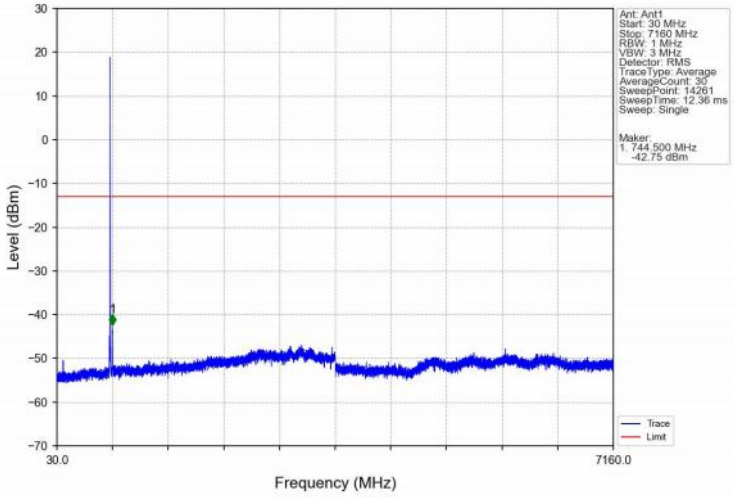


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

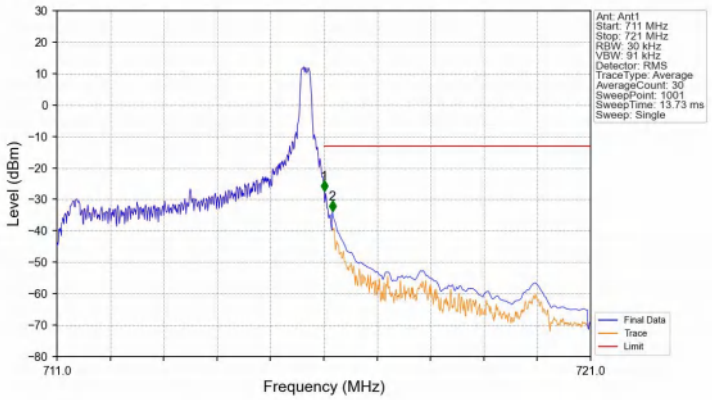


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



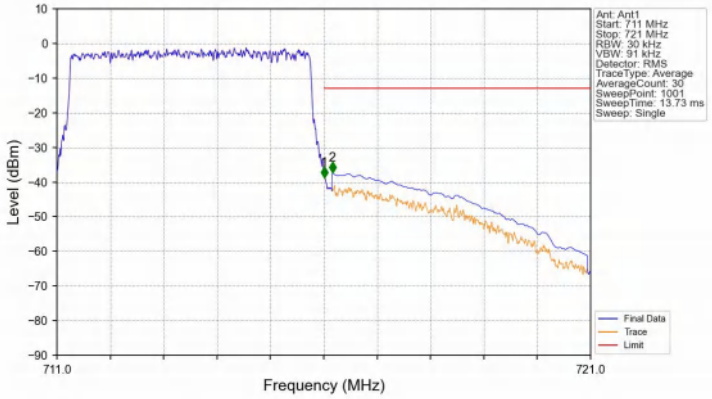
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



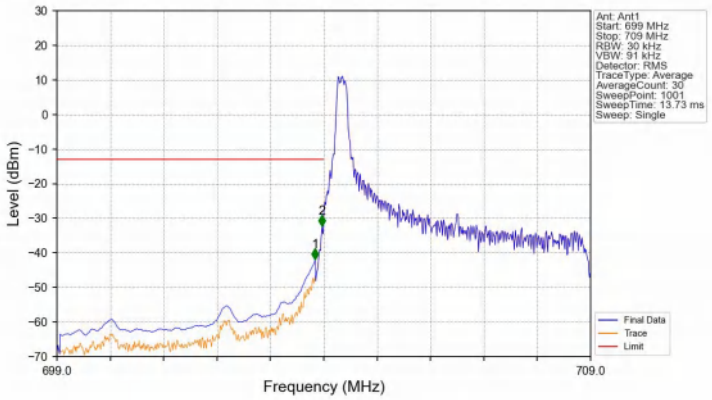
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-27.52	-13	Pass
716.1	721	0.1	CHP	2	716.160	-33.88	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



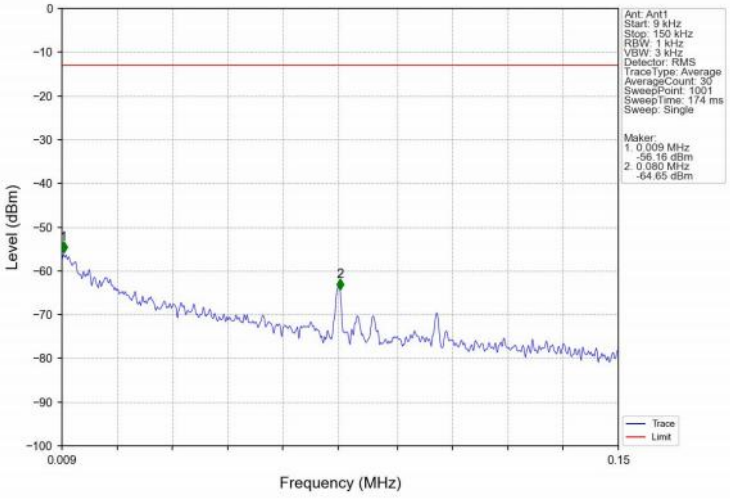
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-38.81	-13	Pass
716.1	721	0.1	CHP	2	716.160	-37.23	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

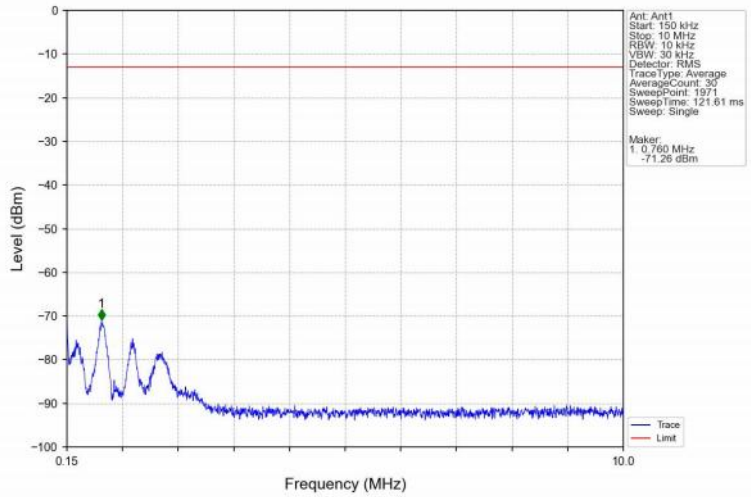


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-41.92	-13	Pass
703.9	704	0.03	/	2	703.970	-32.27	-13	Pass
704	709	0.03	/	/	/	/	/	/

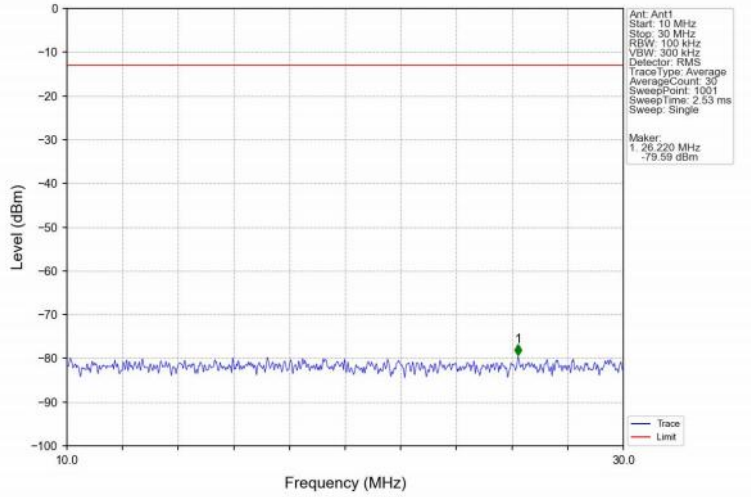
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



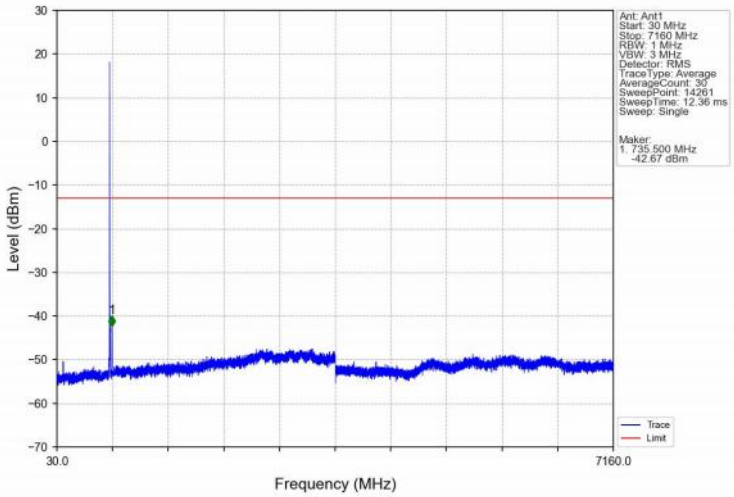
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



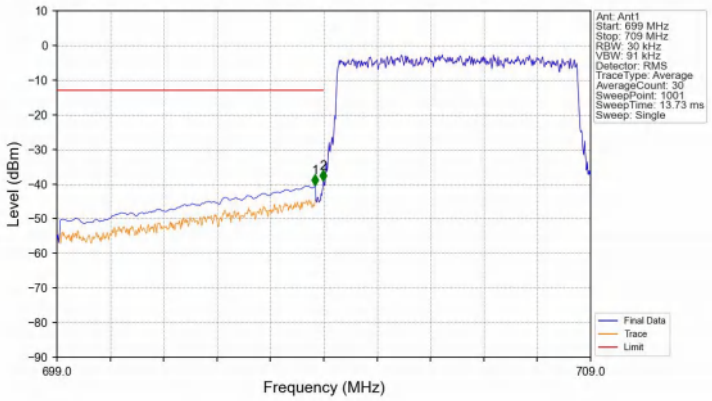
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



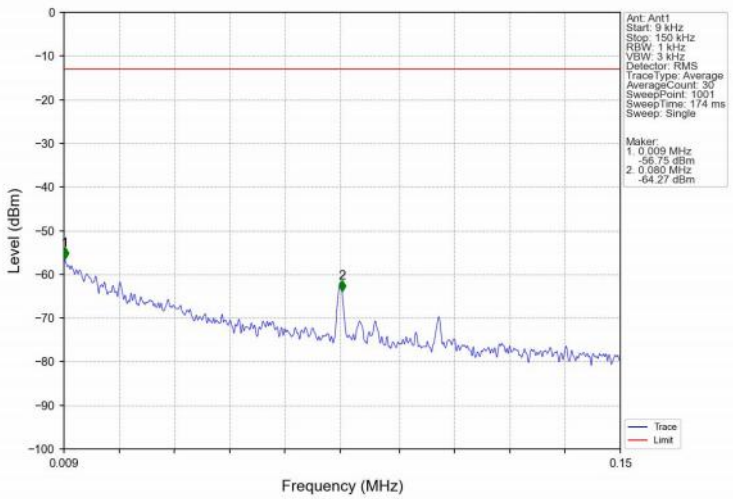
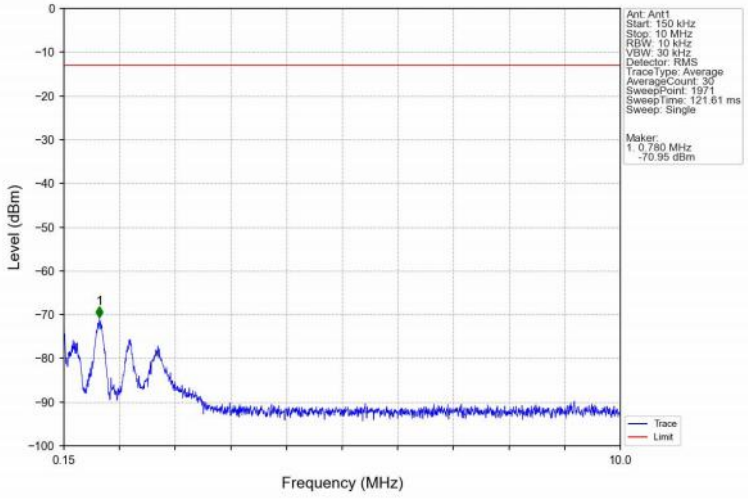
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



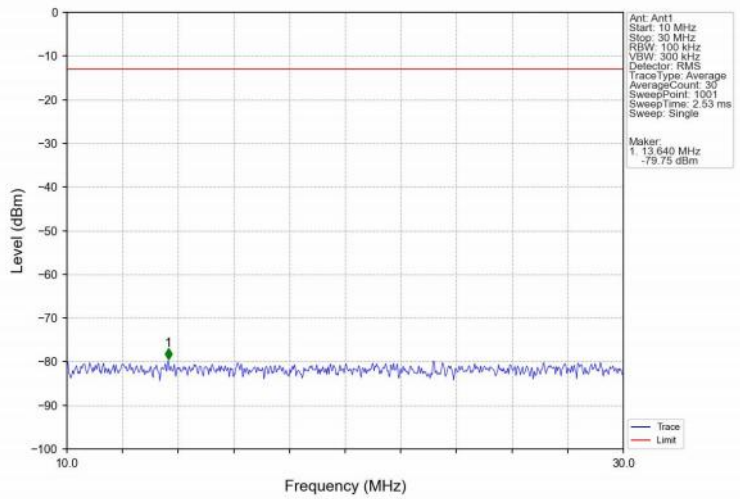
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



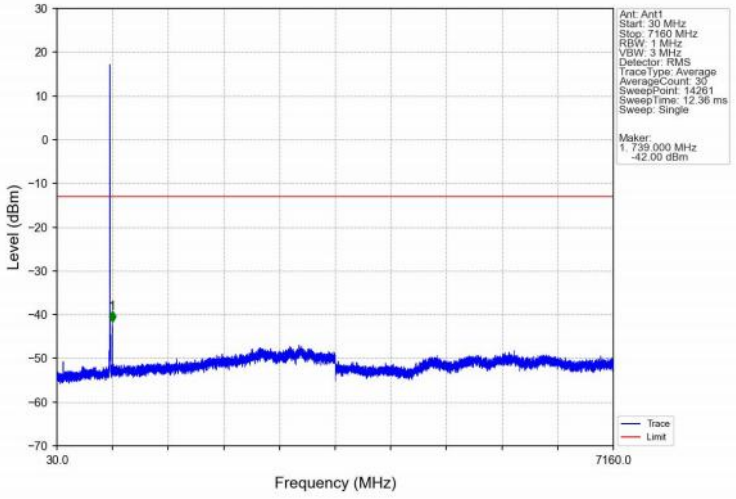
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-40.43	-13	Pass
703.9	704	0.03	/	2	703.990	-39.16	-13	Pass
704	709	0.03	/	/	/	/	/	/

Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV

Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV


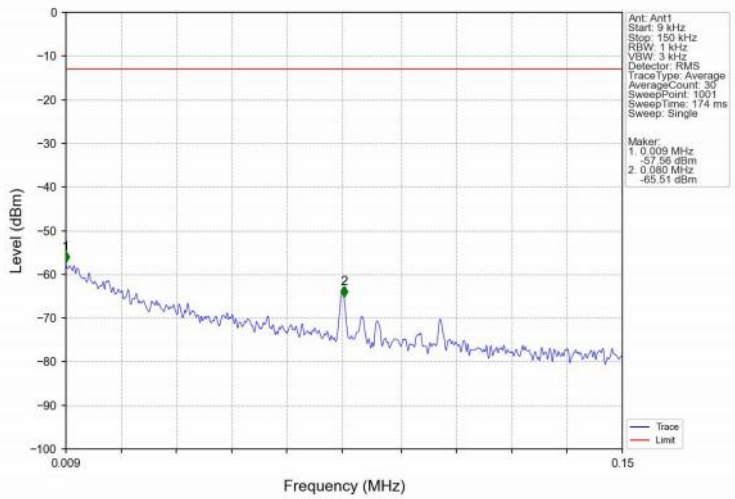
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



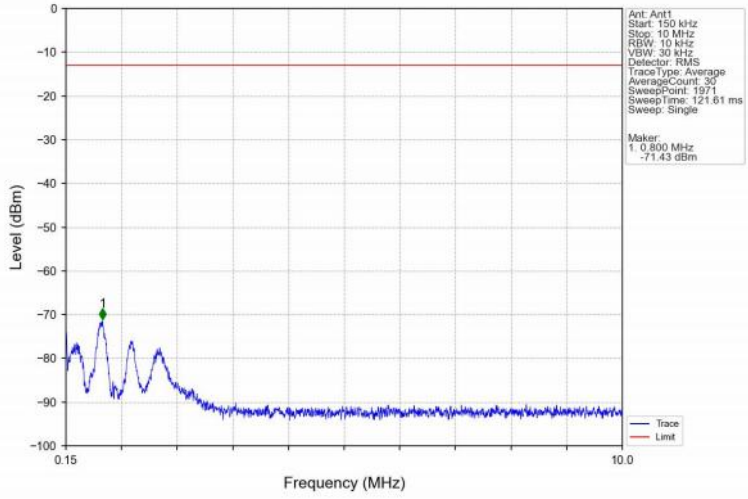
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



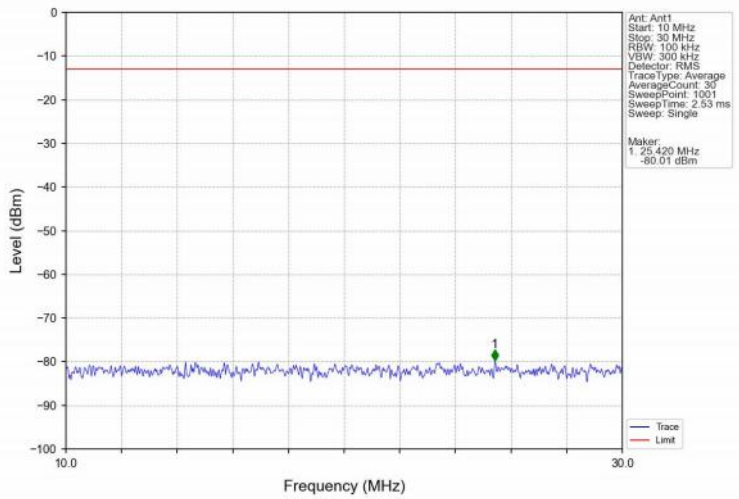
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



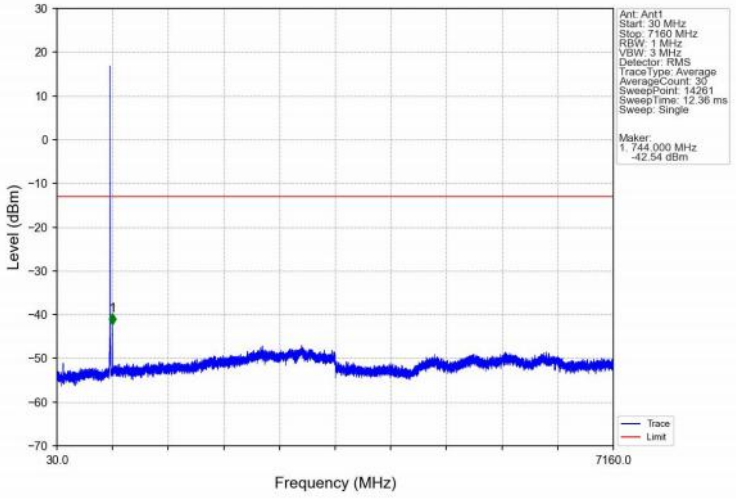
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



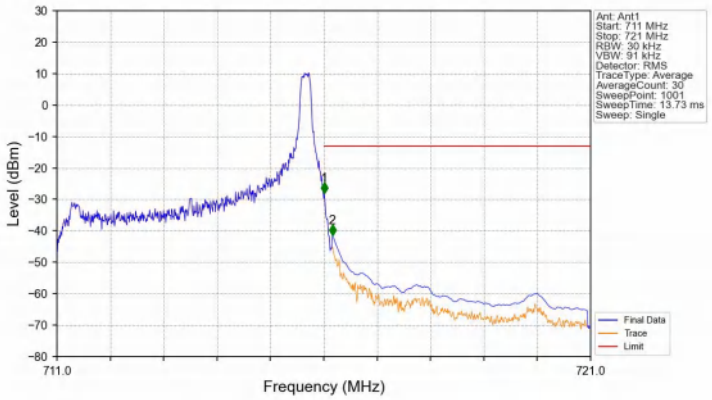
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

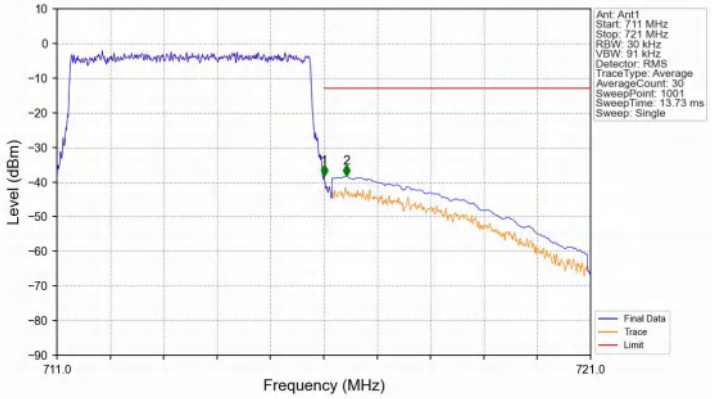


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-28.14	-13	Pass
716.1	721	0.1	CHP	2	716.160	-41.43	-13	Pass

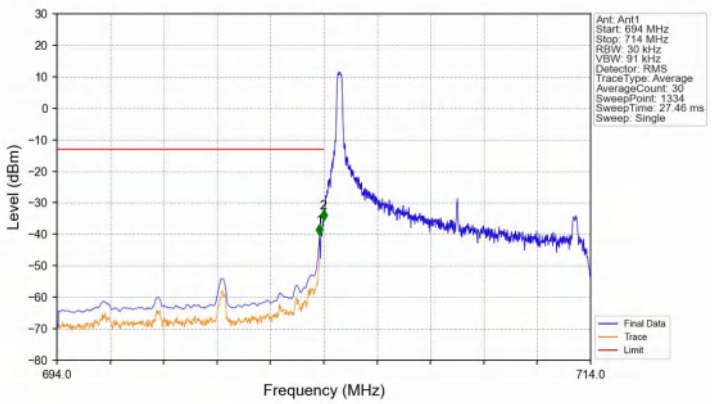
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	-38.16	-13	Pass
716.1	721	0.1	CHP	2	716.430	-38.26	-13	Pass

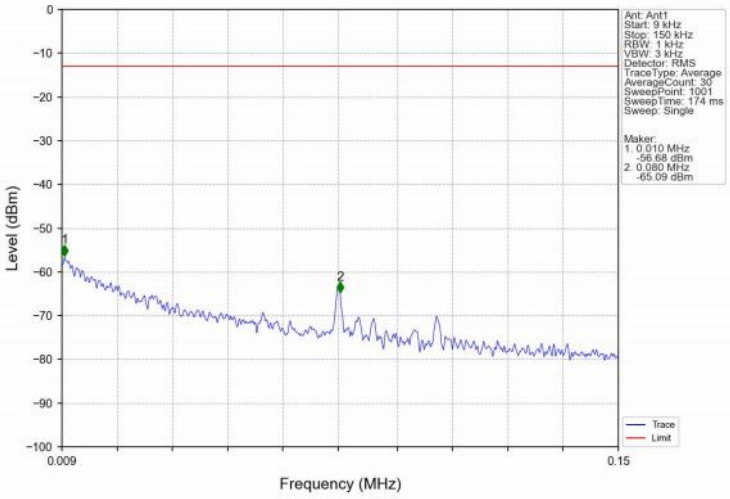
6.2.2 B17_10MHz

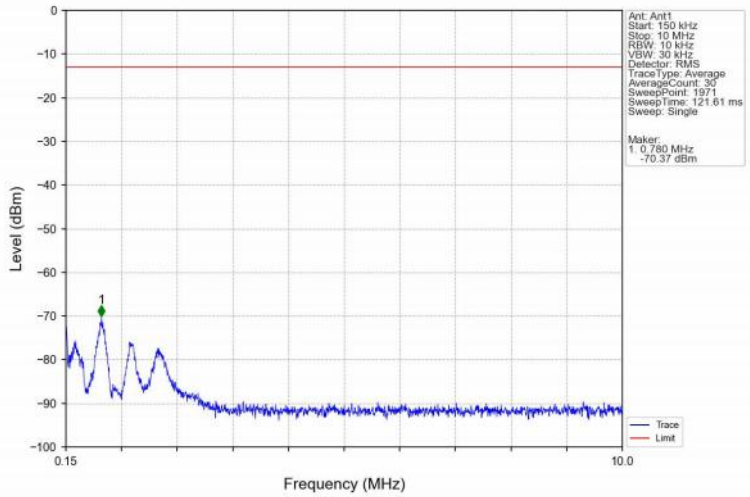
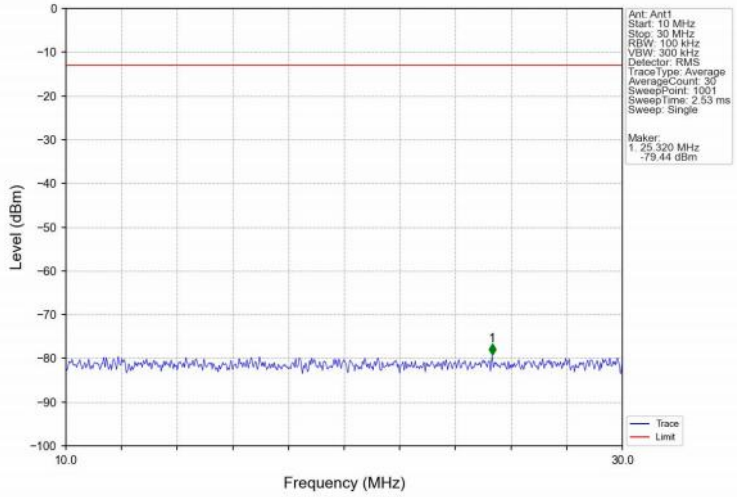
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



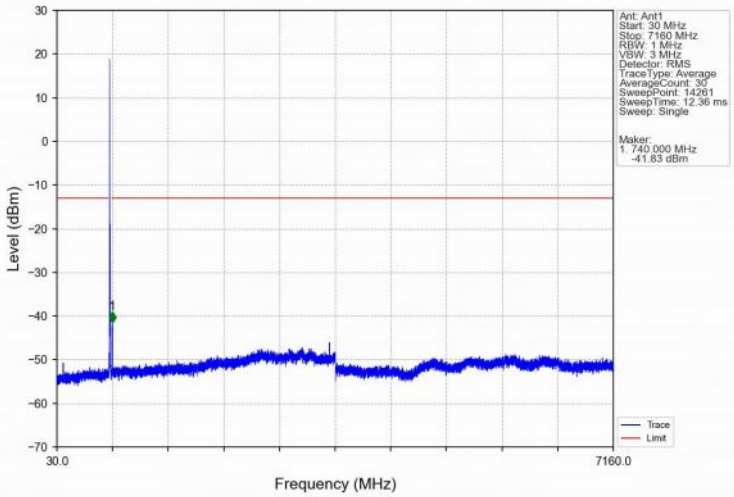
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-40.21	-13	Pass
703.9	704	0.03	/	2	703.992	-35.69	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

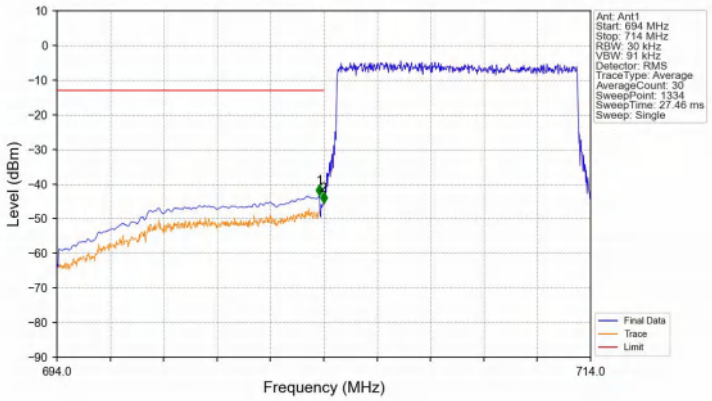


Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV


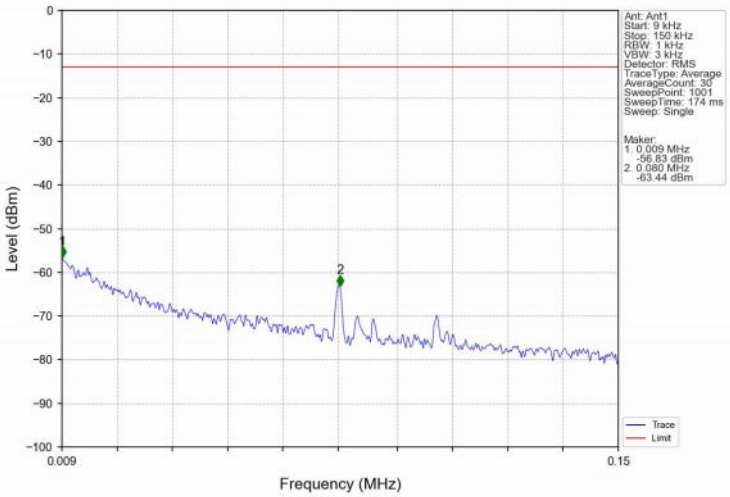
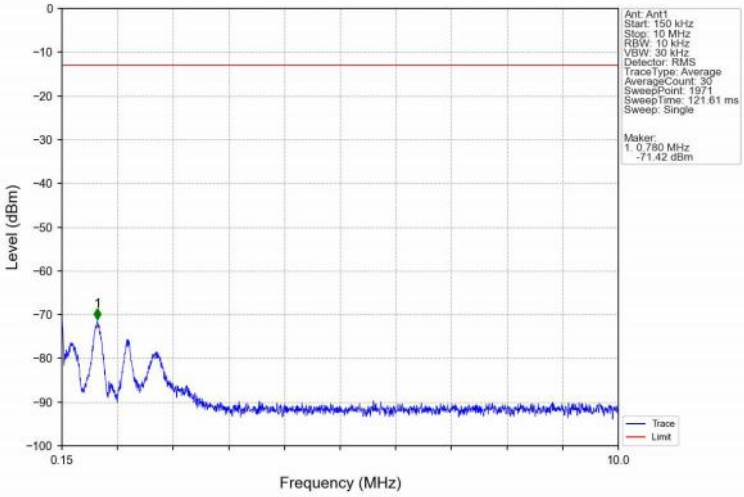
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

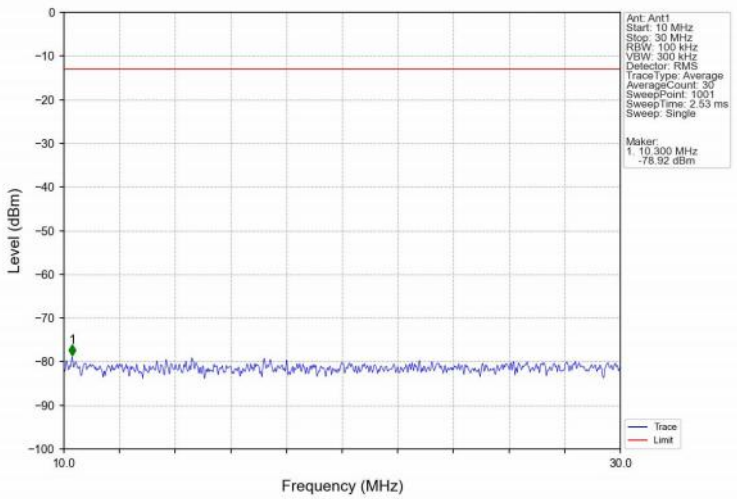
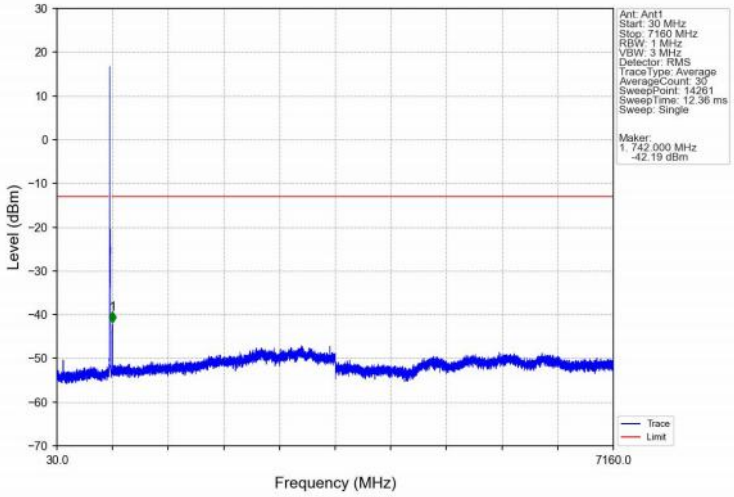


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

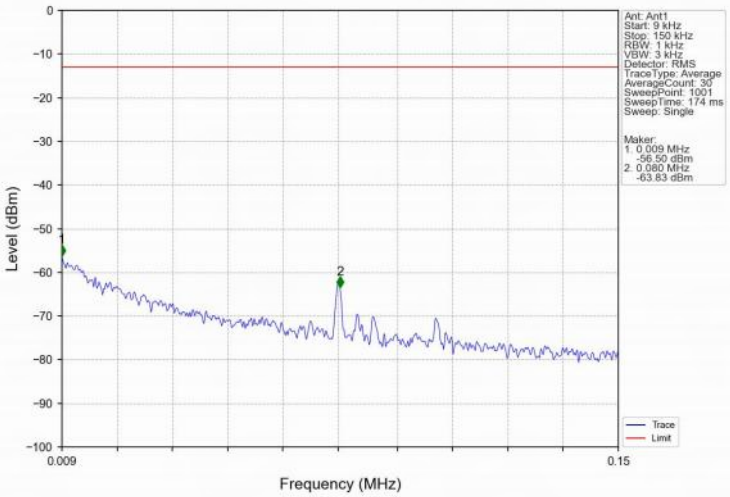


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-43.28	-13	Pass
703.9	704	0.03	/	2	703.992	-45.44	-13	Pass
704	714	0.03	/	/	/	/	/	/

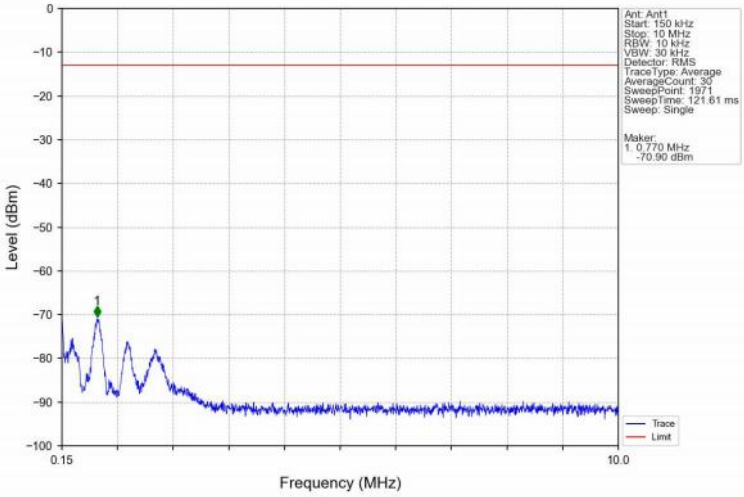
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV

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


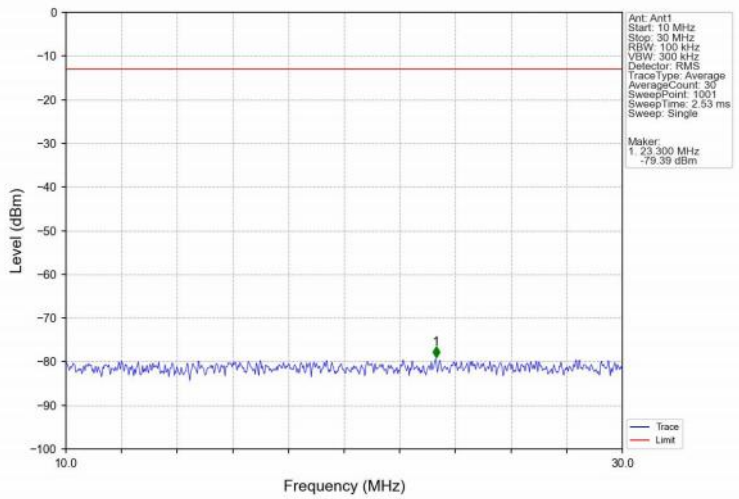
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



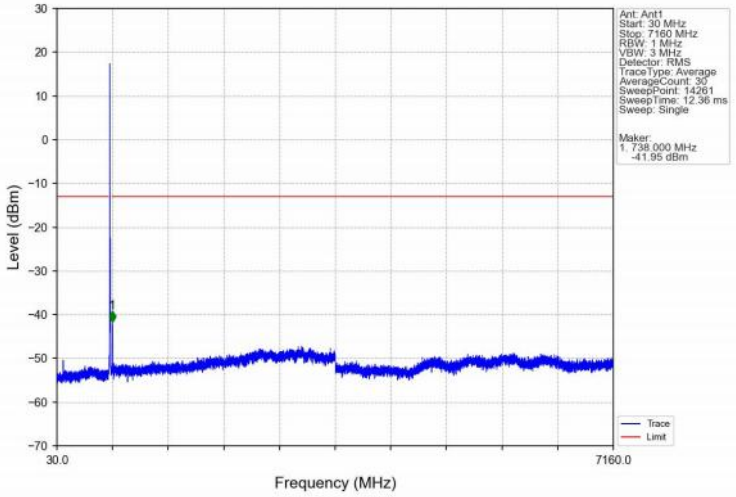
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



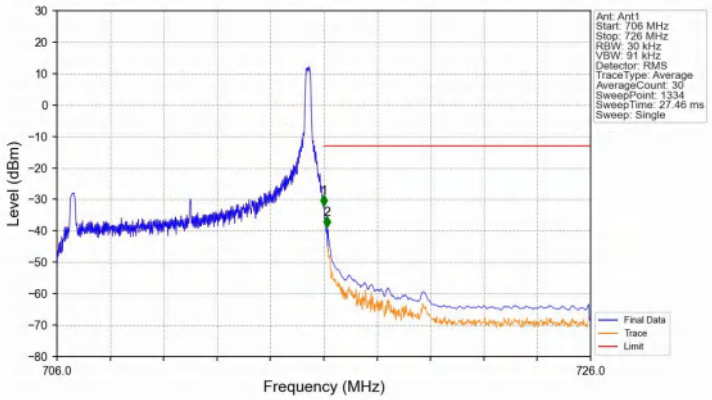
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

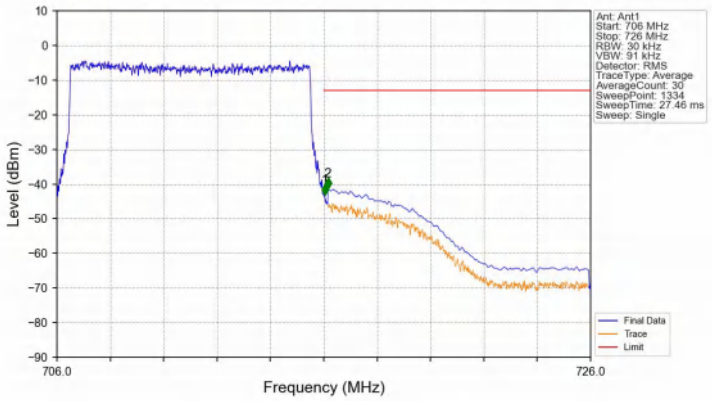


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



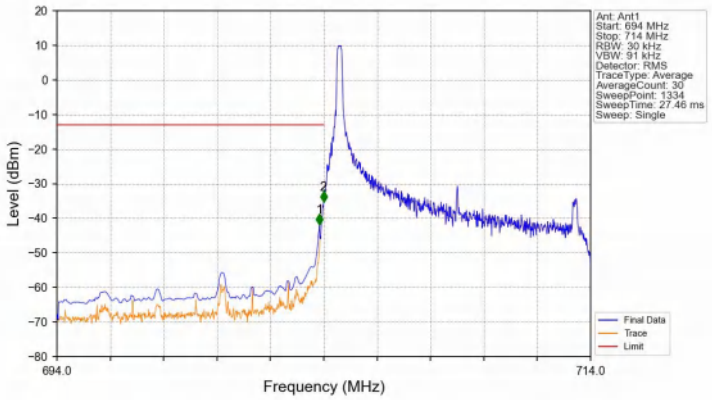
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-32.02	-13	Pass
716.1	726	0.1	CHP	2	716.113	-38.89	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



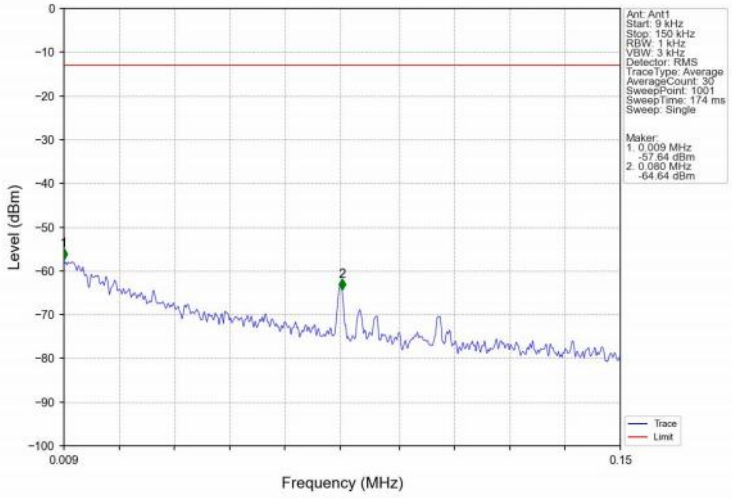
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-43.14	-13	Pass
716.1	726	0.1	CHP	2	716.158	-41.31	-13	Pass

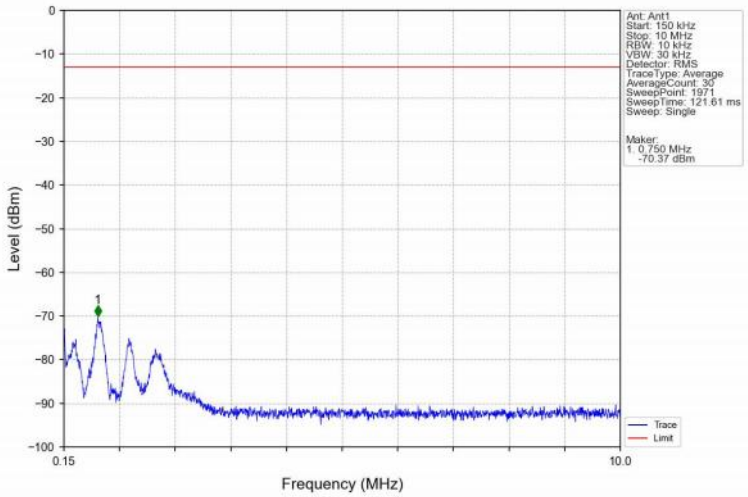
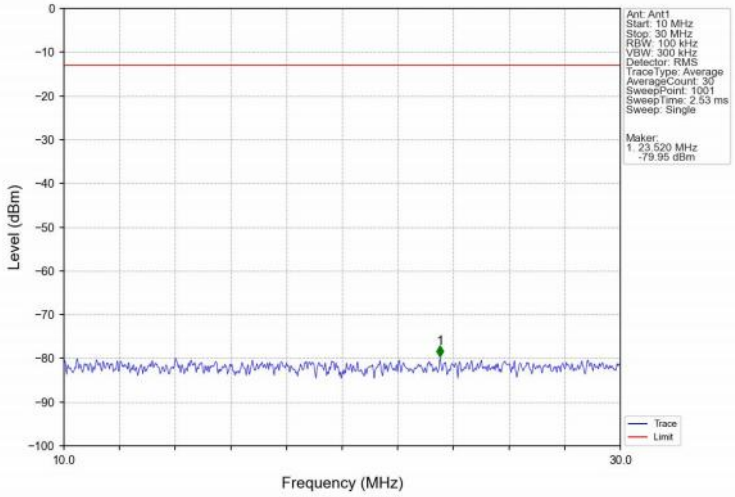
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



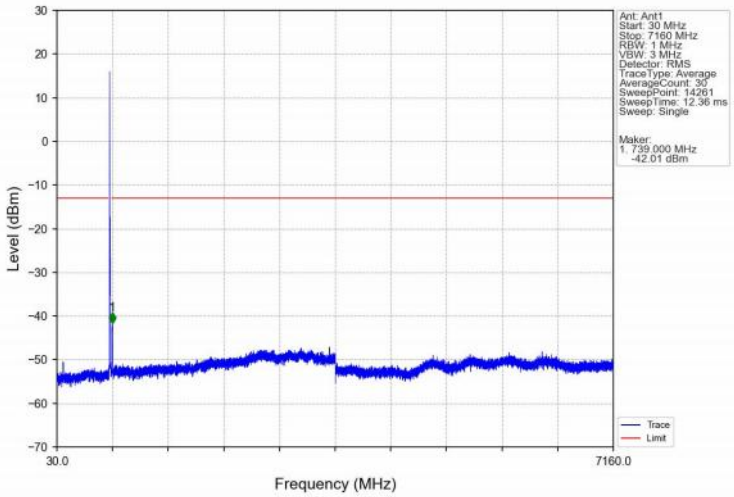
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-41.80	-13	Pass
703.9	704	0.03	/	2	703.992	-35.38	-13	Pass
704	714	0.03	/	/	/	/	/	/

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

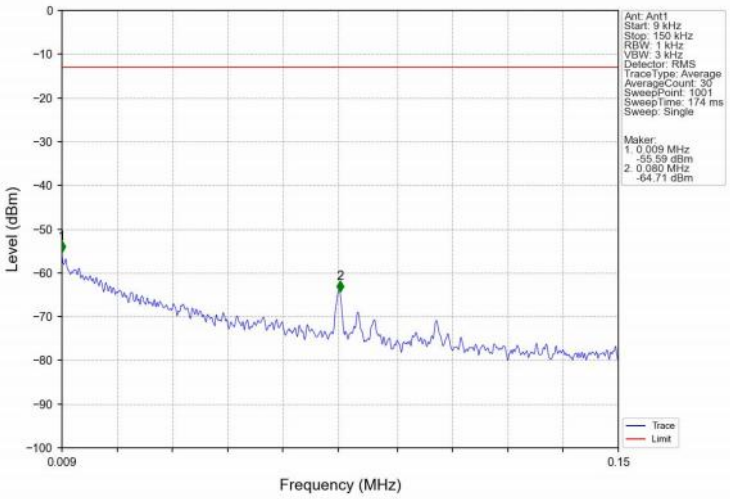


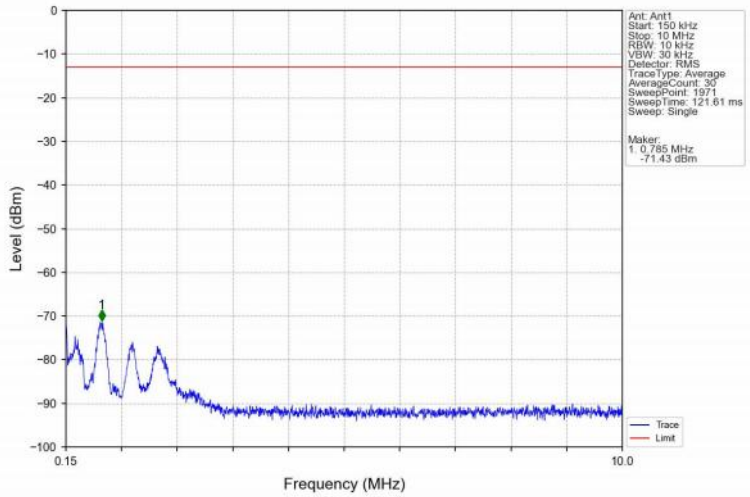
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV


Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV

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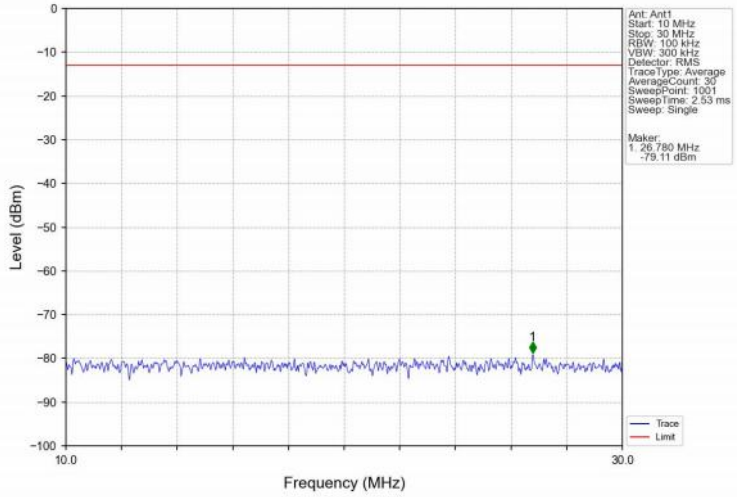
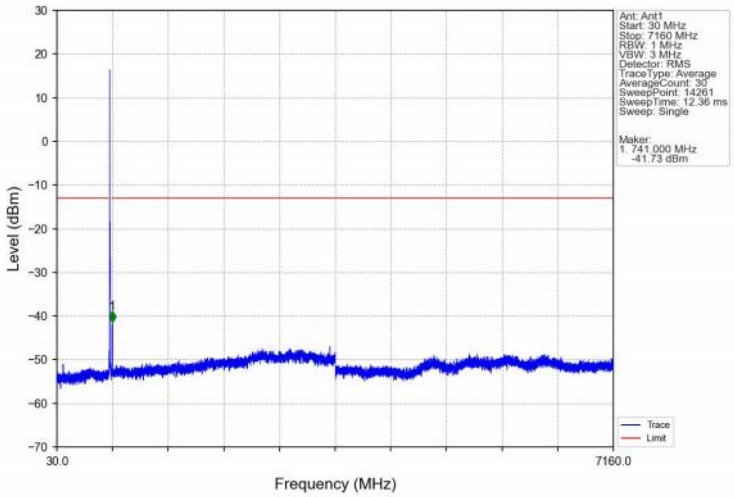
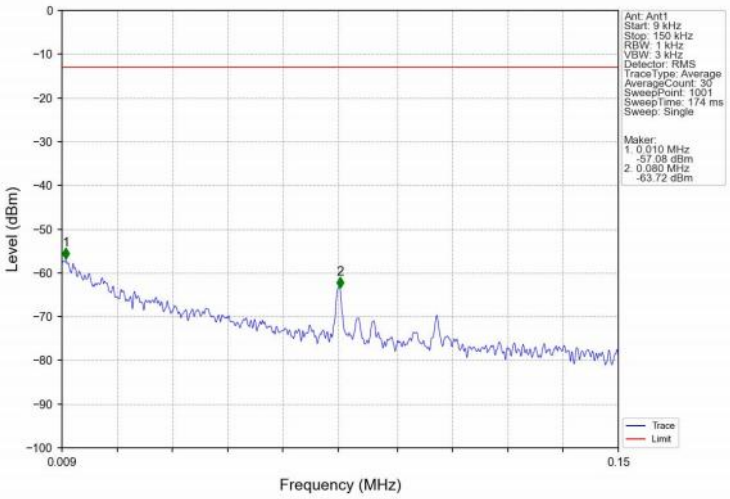
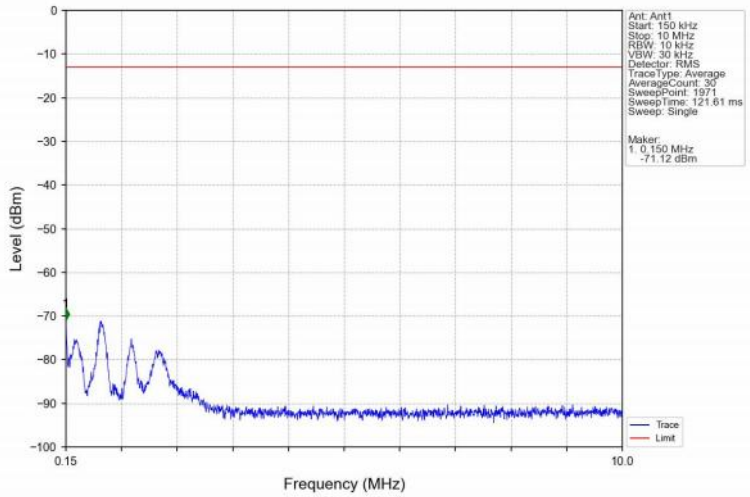
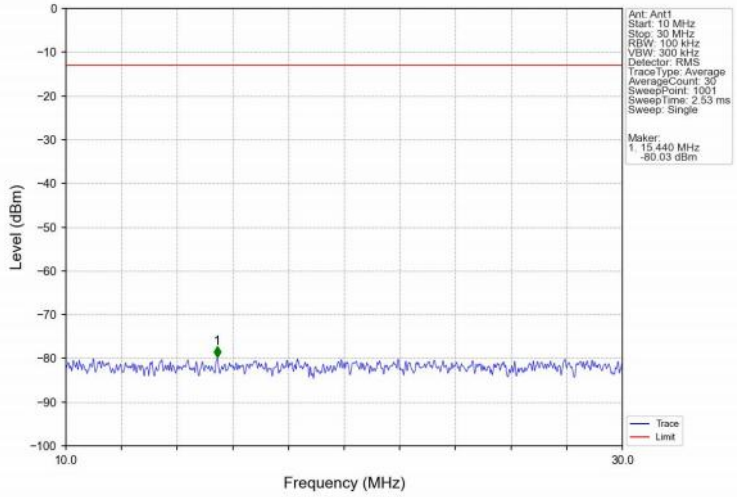


Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV

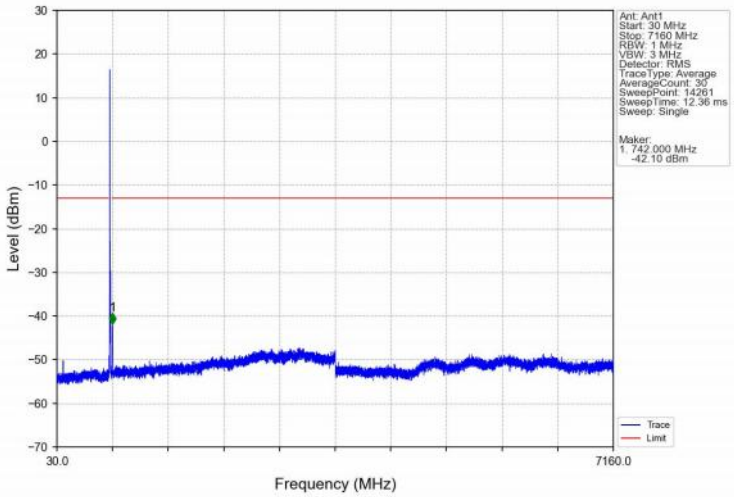


Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

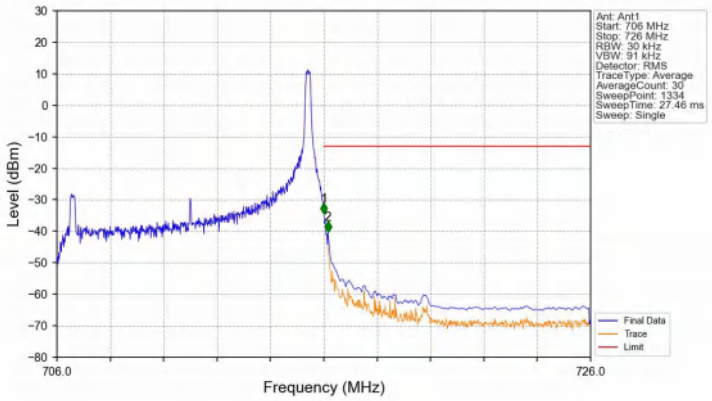


Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

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	-34.38	-13	Pass
716.1	726	0.1	CHP	2	716.158	-40.36	-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	0.1109	0.0609	ppm	4M57G7D	27H	20.45
17	5	706.5	713.5	0.0897	0.0688	ppm	4M56W7D	27H	19.53
17	10	709	711	0.1178	0.0592	ppm	9M09G7D	27H	20.71
17	10	709	711	0.0977	0.0607	ppm	5M78W7D	27H	19.90

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	0.0813	0.0609	ppm	4M57G7D	27H	19.10
17	5	706.5	713.5	0.0658	0.0688	ppm	4M56W7D	27H	18.18
17	10	709	711	0.0863	0.0592	ppm	9M09G7D	27H	19.36
17	10	709	711	0.0716	0.0607	ppm	5M78W7D	27H	18.55