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	24.12	-1.47	20.50	<=34.77	Pass
			13	24.29	-1.47	20.67	<=34.77	Pass
			24	24.20	-1.47	20.58	<=34.77	Pass
		12	0	23.17	-1.47	19.55	<=34.77	Pass
			6	22.94	-1.47	19.32	<=34.77	Pass
			13	23.11	-1.47	19.49	<=34.77	Pass
		25	0	22.92	-1.47	19.30	<=34.77	Pass
	710	1	0	23.59	-1.47	19.97	<=34.77	Pass
			13	23.74	-1.47	20.12	<=34.77	Pass
			24	23.65	-1.47	20.03	<=34.77	Pass
		12	0	22.73	-1.47	19.11	<=34.77	Pass
			6	22.78	-1.47	19.16	<=34.77	Pass
			13	22.67	-1.47	19.05	<=34.77	Pass
		25	0	22.69	-1.47	19.07	<=34.77	Pass
	713.5	1	0	23.58	-1.47	19.96	<=34.77	Pass
			13	23.75	-1.47	20.13	<=34.77	Pass
			24	23.64	-1.47	20.02	<=34.77	Pass
		12	0	22.80	-1.47	19.18	<=34.77	Pass
			6	22.77	-1.47	19.15	<=34.77	Pass
			13	22.69	-1.47	19.07	<=34.77	Pass
		25	0	22.72	-1.47	19.10	<=34.77	Pass
16QAM	706.5	1	0	22.74	-1.47	19.12	<=34.77	Pass
			13	22.89	-1.47	19.27	<=34.77	Pass
			24	22.80	-1.47	19.18	<=34.77	Pass
		12	0	21.76	-1.47	18.14	<=34.77	Pass
			6	21.82	-1.47	18.20	<=34.77	Pass
			13	21.80	-1.47	18.18	<=34.77	Pass
		25	0	21.89	-1.47	18.27	<=34.77	Pass
	710	1	0	22.91	-1.47	19.29	<=34.77	Pass
			13	22.98	-1.47	19.36	<=34.77	Pass
			24	22.88	-1.47	19.26	<=34.77	Pass
		12	0	21.75	-1.47	18.13	<=34.77	Pass
			6	21.81	-1.47	18.19	<=34.77	Pass
			13	21.68	-1.47	18.06	<=34.77	Pass
		25	0	21.71	-1.47	18.09	<=34.77	Pass
	713.5	1	0	22.46	-1.47	18.84	<=34.77	Pass
			13	22.61	-1.47	18.99	<=34.77	Pass
			24	22.49	-1.47	18.87	<=34.77	Pass
		12	0	21.84	-1.47	18.22	<=34.77	Pass
			6	21.82	-1.47	18.20	<=34.77	Pass
			13	21.69	-1.47	18.07	<=34.77	Pass
		25	0	21.86	-1.47	18.24	<=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	23.65	-1.47	20.03	<=34.77	Pass
			25	23.91	-1.47	20.29	<=34.77	Pass
			49	23.73	-1.47	20.11	<=34.77	Pass
		25	0	22.69	-1.47	19.07	<=34.77	Pass
			13	22.76	-1.47	19.14	<=34.77	Pass
			25	22.68	-1.47	19.06	<=34.77	Pass
		50	0	22.70	-1.47	19.08	<=34.77	Pass
	710	1	0	23.64	-1.47	20.02	<=34.77	Pass
			25	23.88	-1.47	20.26	<=34.77	Pass
			49	23.71	-1.47	20.09	<=34.77	Pass
		25	0	22.68	-1.47	19.06	<=34.77	Pass
			13	22.78	-1.47	19.16	<=34.77	Pass
			25	22.63	-1.47	19.01	<=34.77	Pass
		50	0	22.70	-1.47	19.08	<=34.77	Pass
	711	1	0	23.62	-1.47	20.00	<=34.77	Pass
			25	23.85	-1.47	20.23	<=34.77	Pass
			49	23.76	-1.47	20.14	<=34.77	Pass
		25	0	22.69	-1.47	19.07	<=34.77	Pass
			13	22.78	-1.47	19.16	<=34.77	Pass
			25	22.65	-1.47	19.03	<=34.77	Pass
		50	0	22.66	-1.47	19.04	<=34.77	Pass
16QAM	709	1	0	22.67	-1.47	19.05	<=34.77	Pass
			25	22.90	-1.47	19.28	<=34.77	Pass
			49	22.75	-1.47	19.13	<=34.77	Pass
		25	0	21.79	-1.47	18.17	<=34.77	Pass
			13	21.86	-1.47	18.24	<=34.77	Pass
			25	21.77	-1.47	18.15	<=34.77	Pass
		50	0	21.77	-1.47	18.15	<=34.77	Pass
	710	1	0	22.86	-1.47	19.24	<=34.77	Pass
			25	23.03	-1.47	19.41	<=34.77	Pass
			49	22.87	-1.47	19.25	<=34.77	Pass
		25	0	21.71	-1.47	18.09	<=34.77	Pass
			13	21.80	-1.47	18.18	<=34.77	Pass
			25	21.71	-1.47	18.09	<=34.77	Pass
		50	0	21.73	-1.47	18.11	<=34.77	Pass
	711	1	0	23.20	-1.47	19.58	<=34.77	Pass
			25	23.35	-1.47	19.73	<=34.77	Pass
			49	23.22	-1.47	19.60	<=34.77	Pass
		25	0	21.76	-1.47	18.14	<=34.77	Pass
			13	21.83	-1.47	18.21	<=34.77	Pass
			25	21.75	-1.47	18.13	<=34.77	Pass
		50	0	21.75	-1.47	18.13	<=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	-5.436	-0.0077	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0076	-2.5 to 2.5	Pass
					4.43	-6.709	-0.0095	-2.5 to 2.5	Pass
				-30	3.85	-4.177	-0.0059	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-7.739	-0.0110	-2.5 to 2.5	Pass
				0	3.85	-6.366	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-5.136	-0.0073	-2.5 to 2.5	Pass
				30	3.85	-3.419	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-5.622	-0.0080	-2.5 to 2.5	Pass
				50	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-5.679	-0.0080	-2.5 to 2.5	Pass
					3.85	-4.163	-0.0059	-2.5 to 2.5	Pass
					4.43	-10.171	-0.0143	-2.5 to 2.5	Pass
				-30	3.85	-8.726	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-3.448	-0.0049	-2.5 to 2.5	Pass
				-10	3.85	-3.333	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-5.393	-0.0076	-2.5 to 2.5	Pass
				10	3.85	-8.998	-0.0127	-2.5 to 2.5	Pass
				30	3.85	-7.238	-0.0102	-2.5 to 2.5	Pass
				40	3.85	-2.046	-0.0029	-2.5 to 2.5	Pass
				50	3.85	-7.896	-0.0111	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-9.184	-0.0129	-2.5 to 2.5	Pass
					3.85	-5.593	-0.0078	-2.5 to 2.5	Pass
					4.43	-9.713	-0.0136	-2.5 to 2.5	Pass
				-30	3.85	-5.364	-0.0075	-2.5 to 2.5	Pass
				-20	3.85	-7.696	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-6.137	-0.0086	-2.5 to 2.5	Pass
				0	3.85	-11.001	-0.0154	-2.5 to 2.5	Pass
				10	3.85	-7.524	-0.0105	-2.5 to 2.5	Pass
				30	3.85	-5.407	-0.0076	-2.5 to 2.5	Pass
				40	3.85	-7.653	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-7.825	-0.0110	-2.5 to 2.5	Pass
16QAM	706.5	25	0	20	3.27	-6.938	-0.0098	-2.5 to 2.5	Pass
					3.85	-1.502	-0.0021	-2.5 to 2.5	Pass
					4.43	-3.748	-0.0053	-2.5 to 2.5	Pass
				-30	3.85	-9.413	-0.0133	-2.5 to 2.5	Pass
				-20	3.85	-6.566	-0.0093	-2.5 to 2.5	Pass
				-10	3.85	-6.251	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-1.974	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-5.322	-0.0075	-2.5 to 2.5	Pass
				30	3.85	-3.748	-0.0053	-2.5 to 2.5	Pass
				40	3.85	-4.091	-0.0058	-2.5 to 2.5	Pass
				50	3.85	-8.655	-0.0123	-2.5 to 2.5	Pass
	710	25	0	20	3.27	-6.495	-0.0091	-2.5 to 2.5	Pass
					3.85	-8.841	-0.0125	-2.5 to 2.5	Pass
					4.43	-4.277	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-4.091	-0.0058	-2.5 to 2.5	Pass
				-20	3.85	-4.878	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-5.965	-0.0084	-2.5 to 2.5	Pass

				0	3.85	-12.989	-0.0183	-2.5 to 2.5	Pass
				10	3.85	-4.721	-0.0066	-2.5 to 2.5	Pass
				30	3.85	-7.153	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-7.238	-0.0102	-2.5 to 2.5	Pass
				50	3.85	-4.692	-0.0066	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-8.855	-0.0124	-2.5 to 2.5	Pass
					3.85	-10.099	-0.0142	-2.5 to 2.5	Pass
					4.43	-7.768	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-10.529	-0.0148	-2.5 to 2.5	Pass
				-20	3.85	-6.337	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-6.251	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-7.896	-0.0111	-2.5 to 2.5	Pass
				10	3.85	-7.896	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-5.836	-0.0082	-2.5 to 2.5	Pass
				40	3.85	-5.407	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-7.310	-0.0102	-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	-8.597	-0.0121	-2.5 to 2.5	Pass
					3.85	-5.279	-0.0074	-2.5 to 2.5	Pass
					4.43	-2.661	-0.0038	-2.5 to 2.5	Pass
				-30	3.85	-6.566	-0.0093	-2.5 to 2.5	Pass
				-20	3.85	-6.895	-0.0097	-2.5 to 2.5	Pass
				-10	3.85	-8.097	-0.0114	-2.5 to 2.5	Pass
				0	3.85	-4.849	-0.0068	-2.5 to 2.5	Pass
				10	3.85	-7.095	-0.0100	-2.5 to 2.5	Pass
				30	3.85	-4.563	-0.0064	-2.5 to 2.5	Pass
				40	3.85	-5.794	-0.0082	-2.5 to 2.5	Pass
				50	3.85	-6.752	-0.0095	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-3.619	-0.0051	-2.5 to 2.5	Pass
					3.85	-5.722	-0.0081	-2.5 to 2.5	Pass
					4.43	-10.200	-0.0144	-2.5 to 2.5	Pass
				-30	3.85	-6.652	-0.0094	-2.5 to 2.5	Pass
				-20	3.85	-7.496	-0.0106	-2.5 to 2.5	Pass
				-10	3.85	-4.392	-0.0062	-2.5 to 2.5	Pass
				0	3.85	-5.150	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-4.563	-0.0064	-2.5 to 2.5	Pass
				30	3.85	-7.353	-0.0104	-2.5 to 2.5	Pass
				40	3.85	-8.240	-0.0116	-2.5 to 2.5	Pass
				50	3.85	-4.406	-0.0062	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-3.777	-0.0053	-2.5 to 2.5	Pass
					3.85	-6.266	-0.0088	-2.5 to 2.5	Pass
					4.43	-3.104	-0.0044	-2.5 to 2.5	Pass
				-30	3.85	-3.862	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-2.632	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-6.552	-0.0092	-2.5 to 2.5	Pass
				0	3.85	-5.178	-0.0073	-2.5 to 2.5	Pass
				10	3.85	-2.904	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-4.621	-0.0065	-2.5 to 2.5	Pass
				40	3.85	-6.495	-0.0091	-2.5 to 2.5	Pass
				50	3.85	-4.277	-0.0060	-2.5 to 2.5	Pass
16QAM	709	50	0	20	3.27	-4.578	-0.0065	-2.5 to 2.5	Pass
					3.85	-6.566	-0.0093	-2.5 to 2.5	Pass
					4.43	-5.922	-0.0084	-2.5 to 2.5	Pass

				-30	3.85	-5.593	-0.0079	-2.5 to 2.5	Pass
				-20	3.85	-7.439	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-7.467	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-5.221	-0.0074	-2.5 to 2.5	Pass
				10	3.85	-4.821	-0.0068	-2.5 to 2.5	Pass
				30	3.85	-8.397	-0.0118	-2.5 to 2.5	Pass
				40	3.85	-7.582	-0.0107	-2.5 to 2.5	Pass
				50	3.85	-6.022	-0.0085	-2.5 to 2.5	Pass
	710	50	0	20	3.27	-7.381	-0.0104	-2.5 to 2.5	Pass
					3.85	-9.141	-0.0129	-2.5 to 2.5	Pass
					4.43	-9.356	-0.0132	-2.5 to 2.5	Pass
				-30	3.85	-7.882	-0.0111	-2.5 to 2.5	Pass
				-20	3.85	-7.954	-0.0112	-2.5 to 2.5	Pass
				-10	3.85	-6.609	-0.0093	-2.5 to 2.5	Pass
				0	3.85	-6.394	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-9.356	-0.0132	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-5.336	-0.0075	-2.5 to 2.5	Pass
				50	3.85	-7.310	-0.0103	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-6.852	-0.0096	-2.5 to 2.5	Pass
					3.85	-4.292	-0.0060	-2.5 to 2.5	Pass
					4.43	-7.067	-0.0099	-2.5 to 2.5	Pass
				-30	3.85	-7.582	-0.0107	-2.5 to 2.5	Pass
				-20	3.85	-5.407	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-3.290	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-4.449	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-8.583	-0.0121	-2.5 to 2.5	Pass
				30	3.85	-8.640	-0.0122	-2.5 to 2.5	Pass
				40	3.85	-8.268	-0.0116	-2.5 to 2.5	Pass
				50	3.85	-6.337	-0.0089	-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

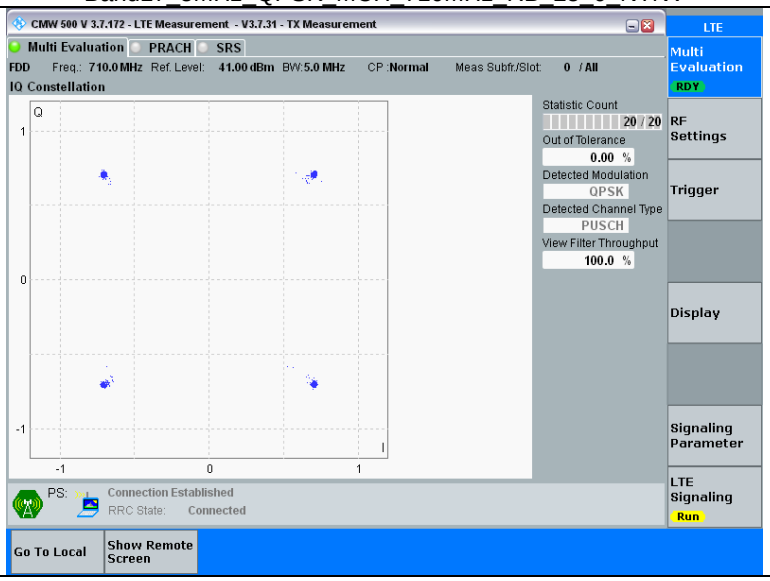
3.1.2 B17_10MHz

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

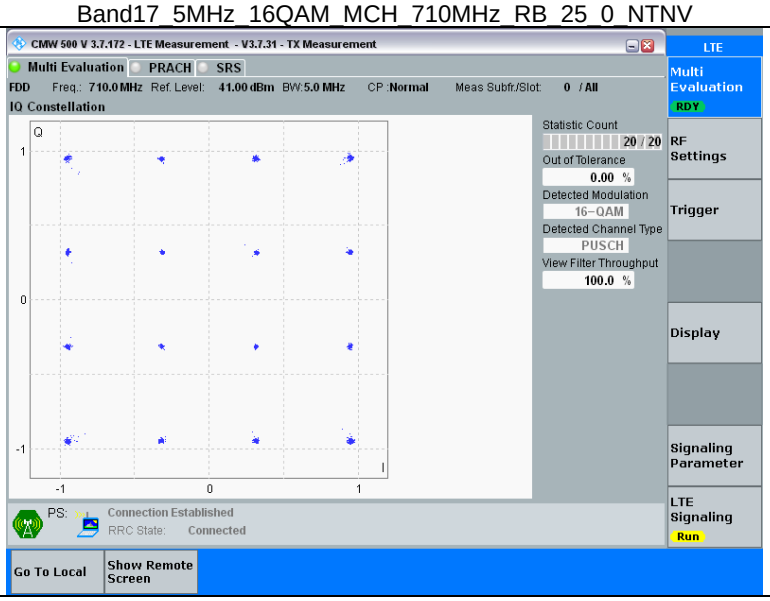
3.2 Test Graph

3.2.1 B17_5MHz

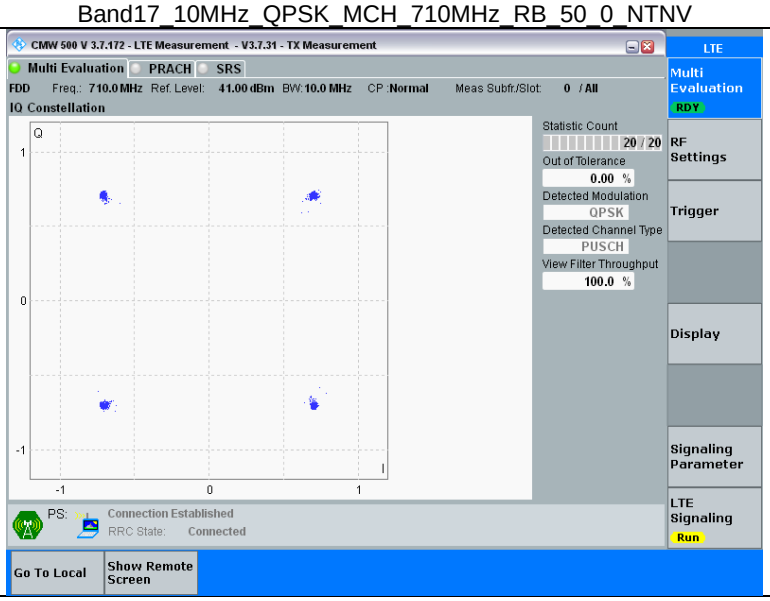
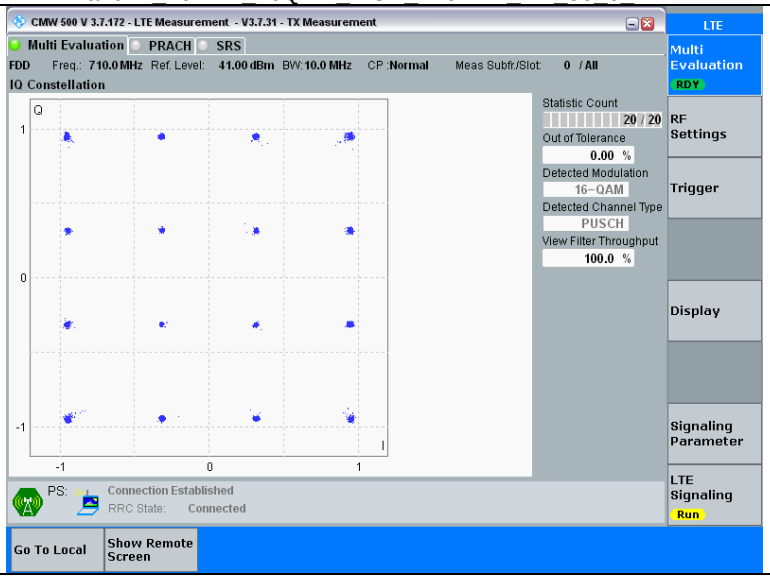
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



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	4.572	/	Pass
		710	25	0	4.560	/	Pass
		713.5	25	0	4.597	/	Pass
	16QAM	706.5	25	0	4.596	/	Pass
		710	25	0	4.589	/	Pass
		713.5	25	0	4.561	/	Pass
10	QPSK	709	50	0	9.087	/	Pass
		710	50	0	9.070	/	Pass
		711	50	0	9.027	/	Pass
	16QAM	709	50	0	9.035	/	Pass
		710	50	0	9.036	/	Pass
		711	50	0	9.047	/	Pass

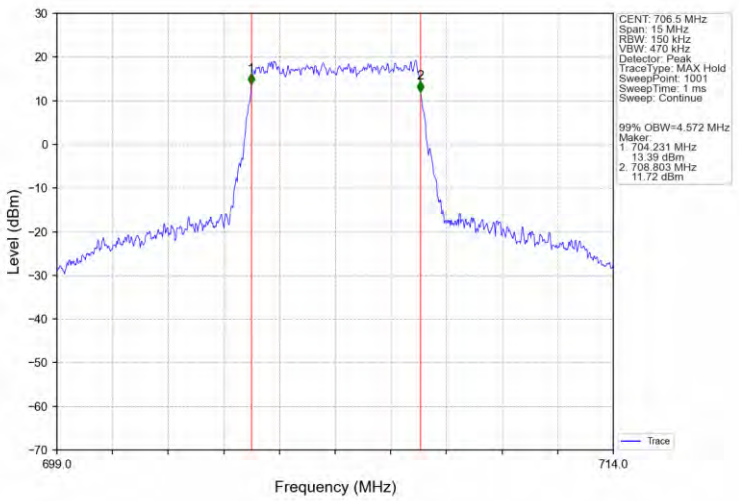
4.1.2 Band17_XDB

Band: 17 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	706.5	25	0	5.280	/	Pass
		710	25	0	5.284	/	Pass
		713.5	25	0	5.158	/	Pass
	16QAM	706.5	25	0	5.291	/	Pass
		710	25	0	5.234	/	Pass
		713.5	25	0	5.271	/	Pass
10	QPSK	709	50	0	10.352	/	Pass
		710	50	0	10.252	/	Pass
		711	50	0	10.134	/	Pass
	16QAM	709	50	0	10.239	/	Pass
		710	50	0	10.307	/	Pass
		711	50	0	10.151	/	Pass

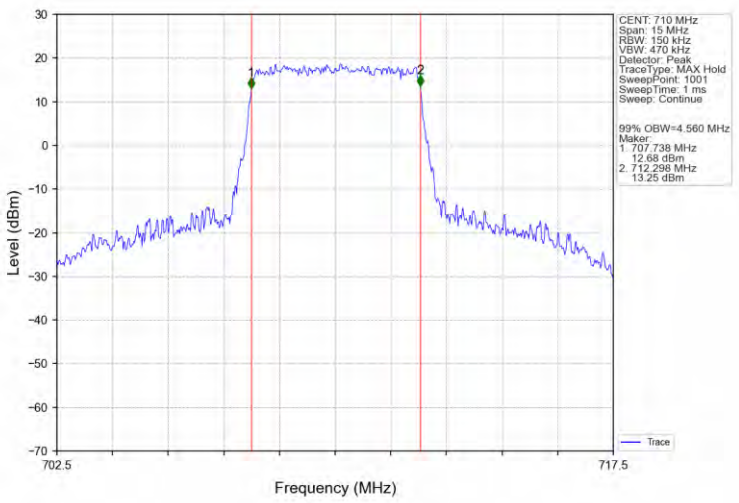
4.2 Test Graph

4.2.1 Band17_OBW

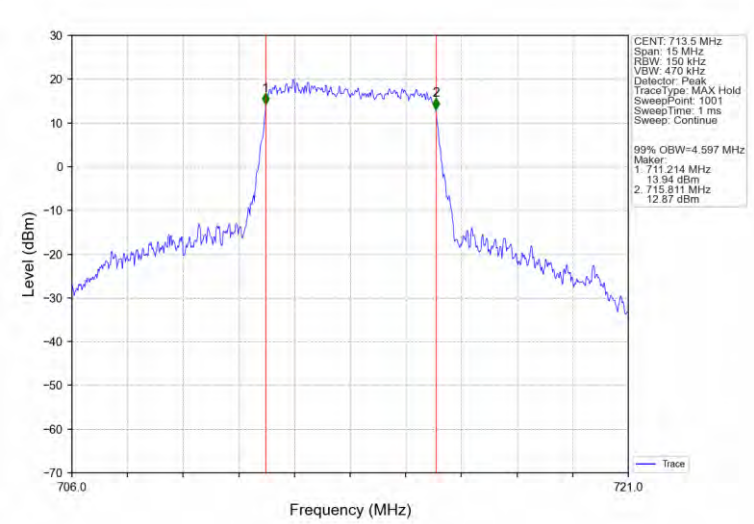
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



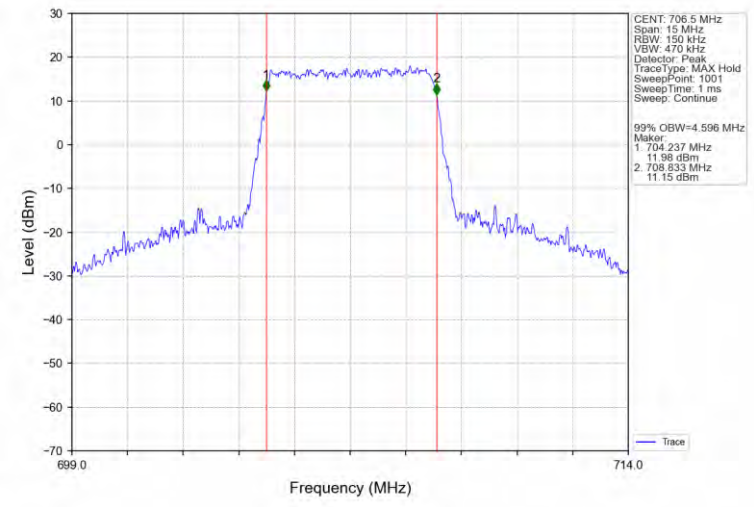
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



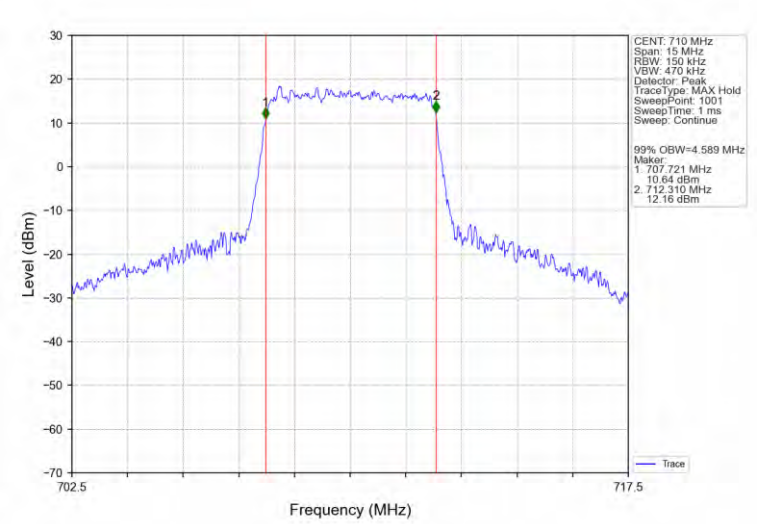
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



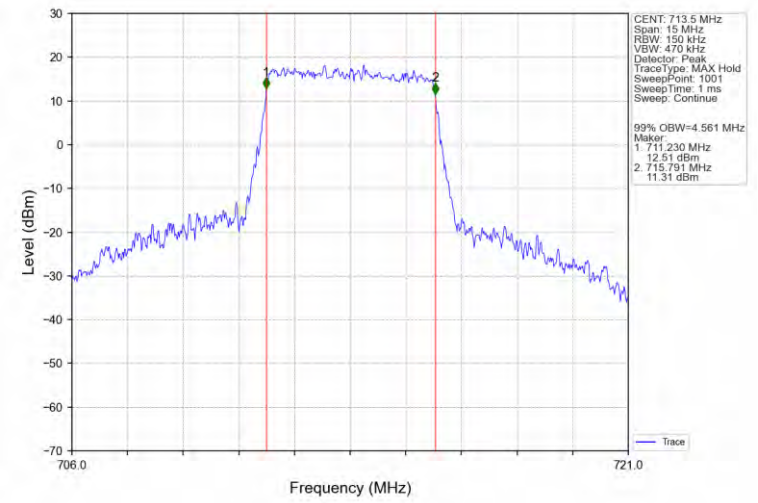
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



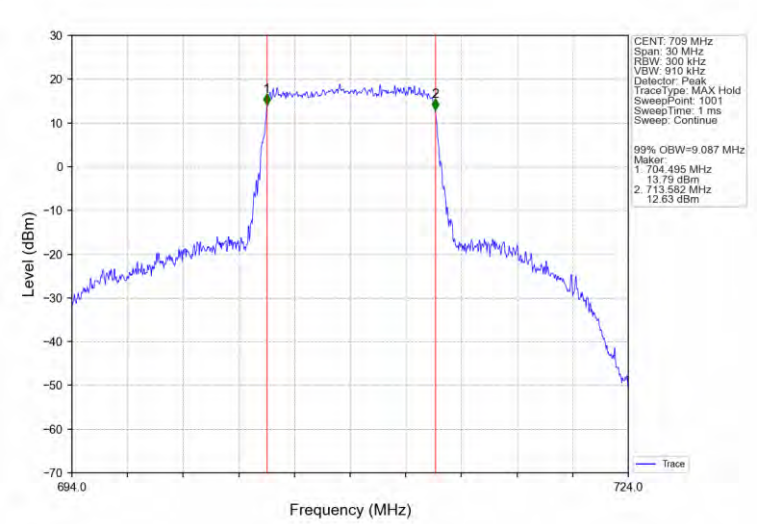
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



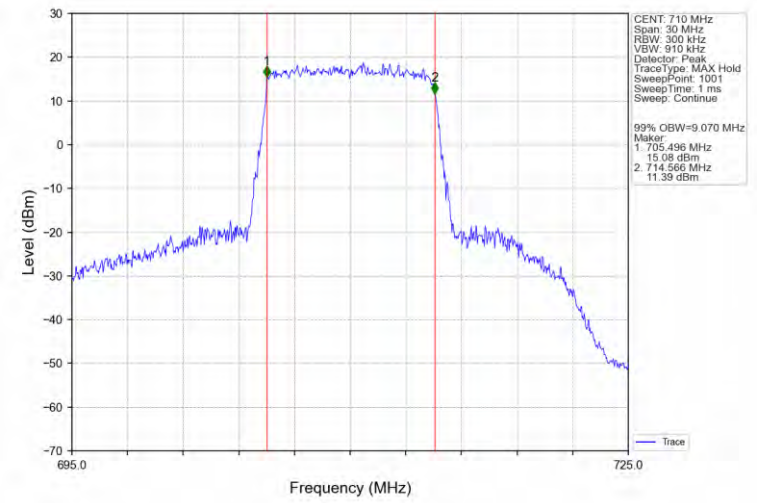
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



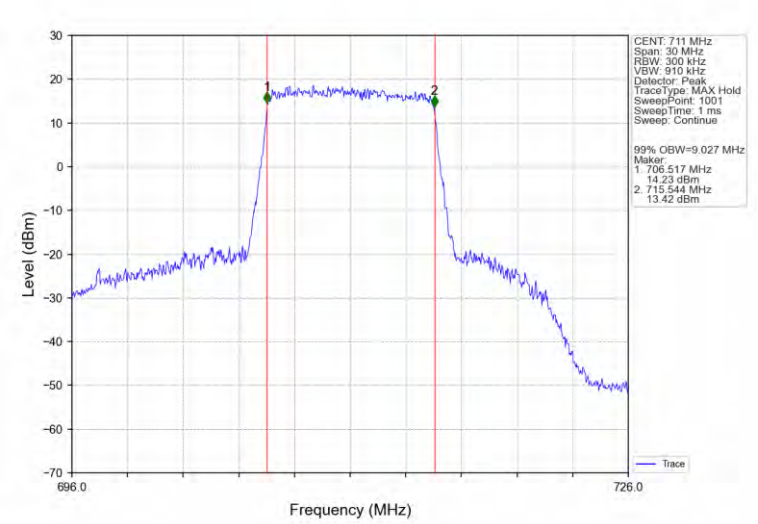
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



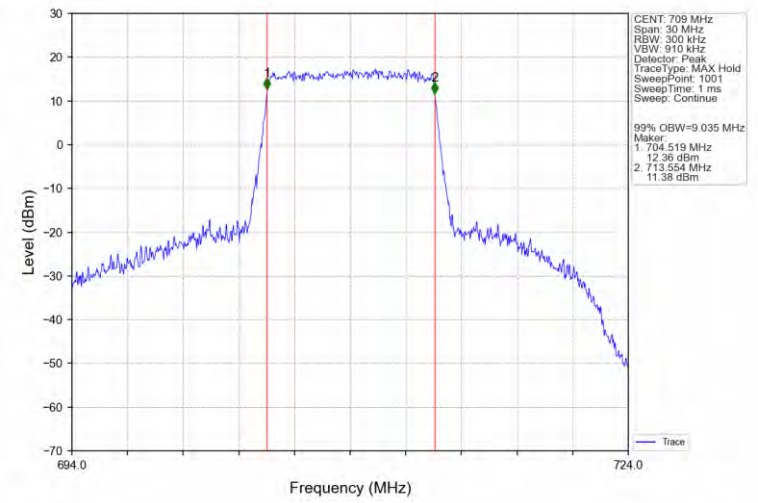
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



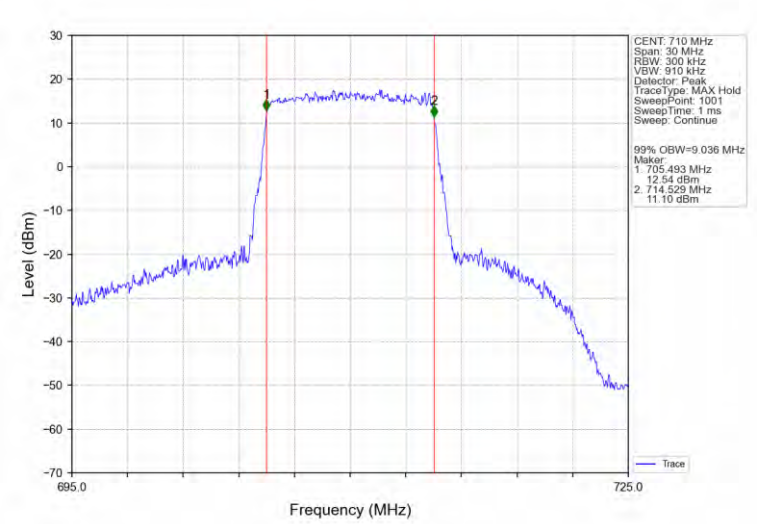
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



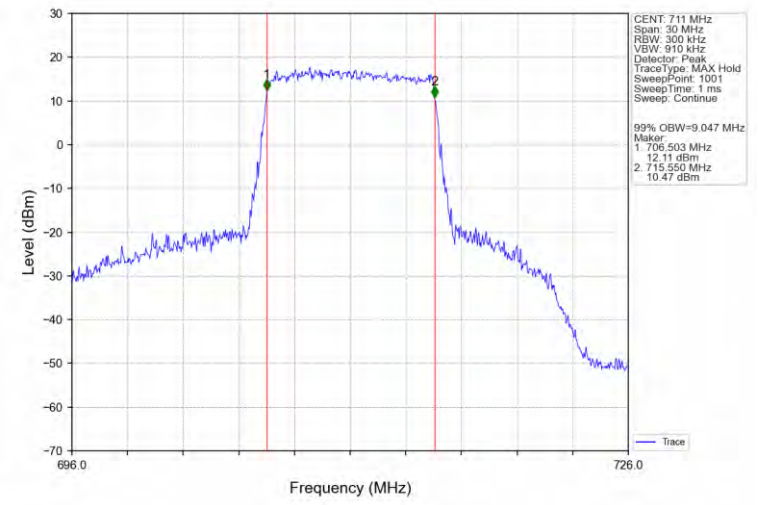
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



Band17_10MHz_16QAM_MCH_710MHz_RB_50_0_NTNV

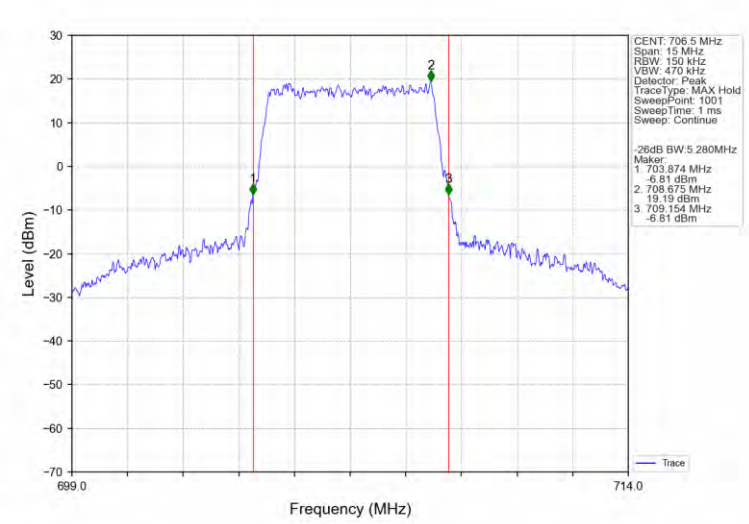


Band17_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

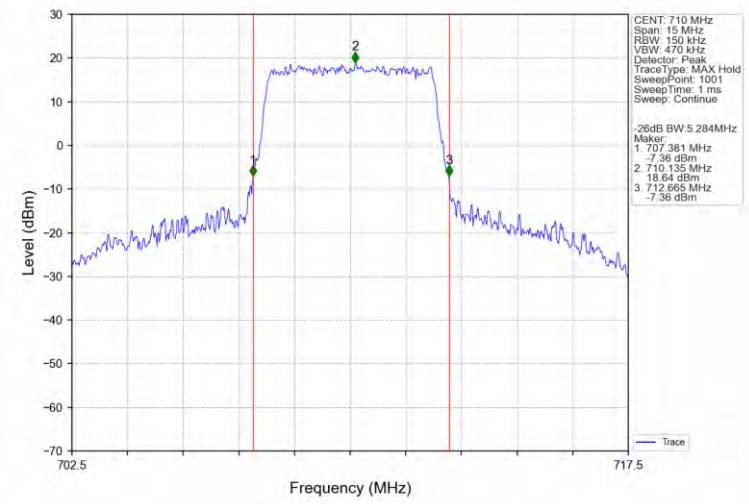


4.2.2 Band17_XDB

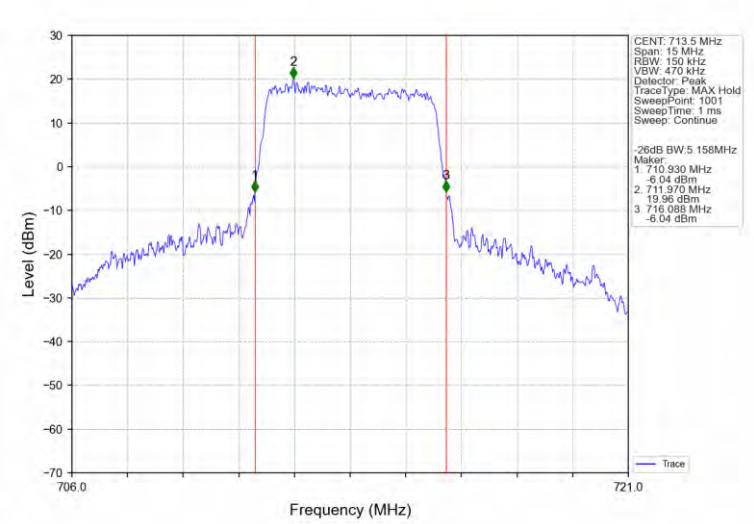
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



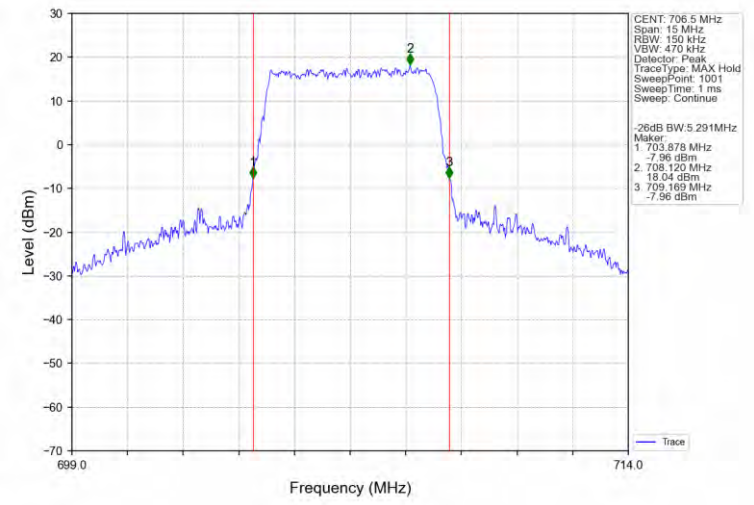
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



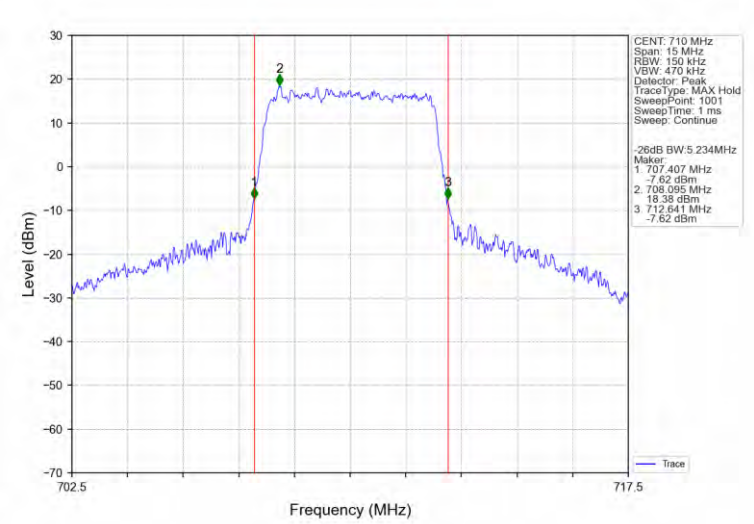
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



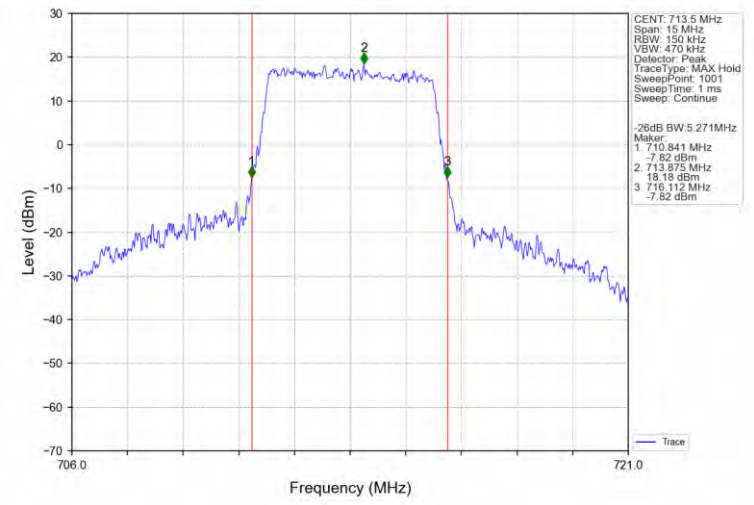
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



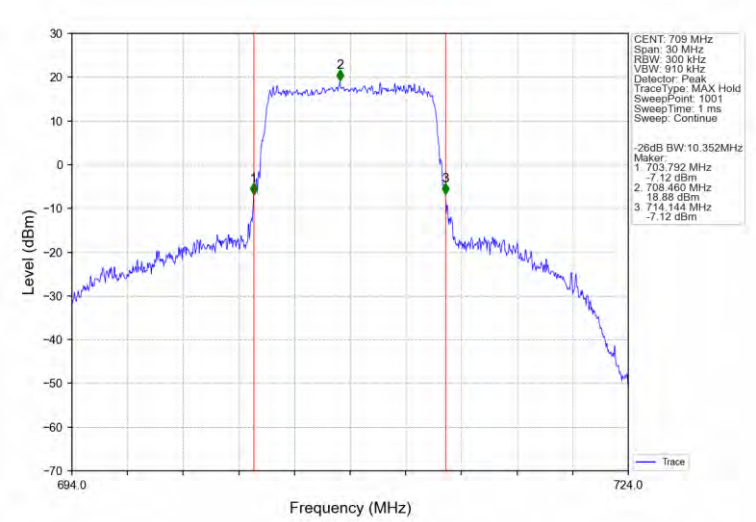
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



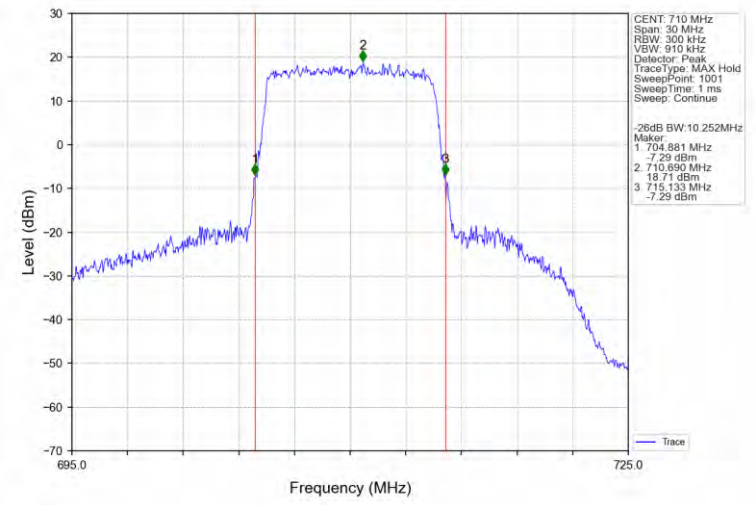
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



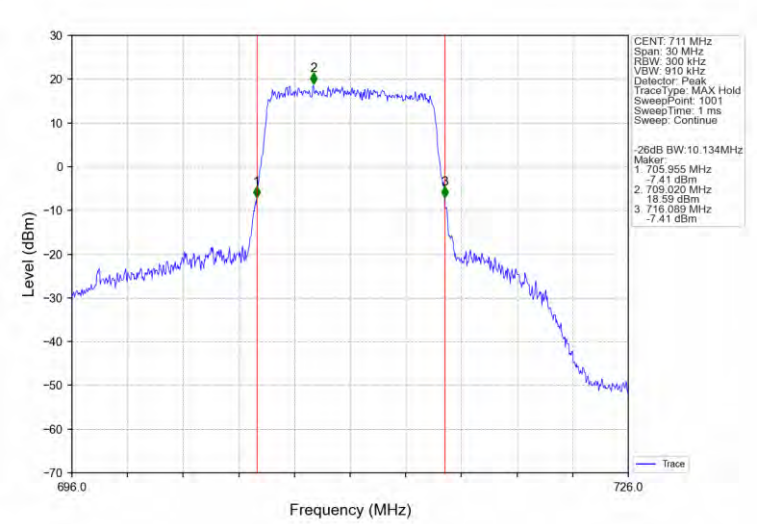
Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV



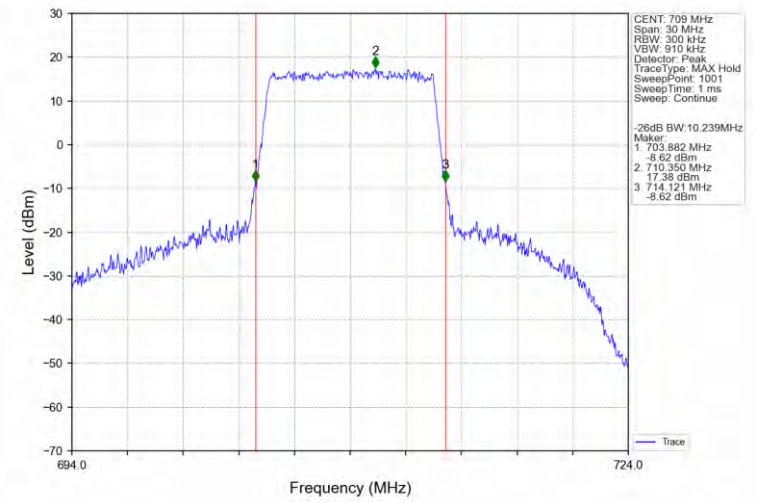
Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV



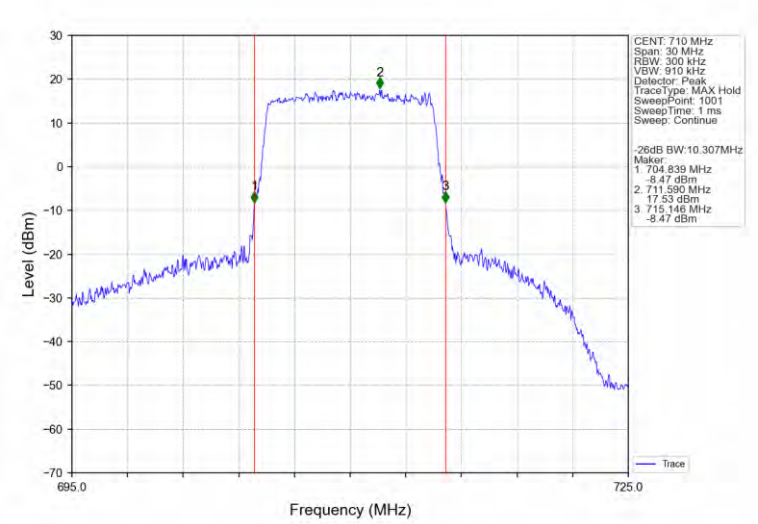
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



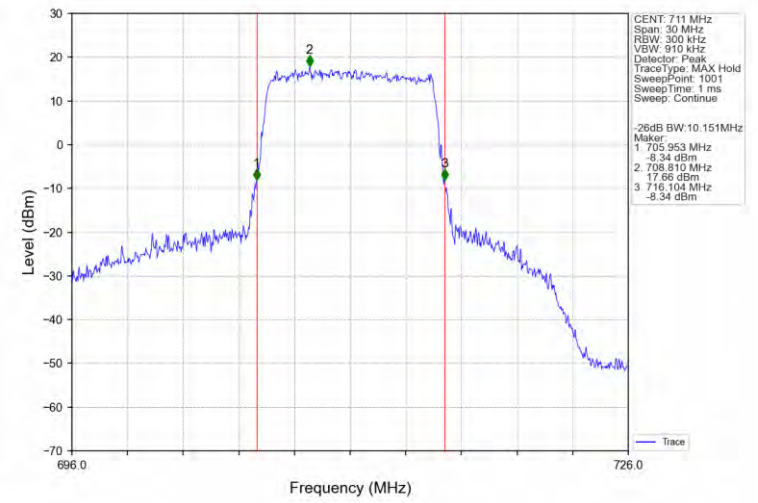
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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	5.31	<=13	Pass
	710	25	0	5.23	<=13	Pass
	713.5	25	0	5.35	<=13	Pass
16QAM	706.5	25	0	6.02	<=13	Pass
	710	25	0	5.97	<=13	Pass
	713.5	25	0	6.02	<=13	Pass

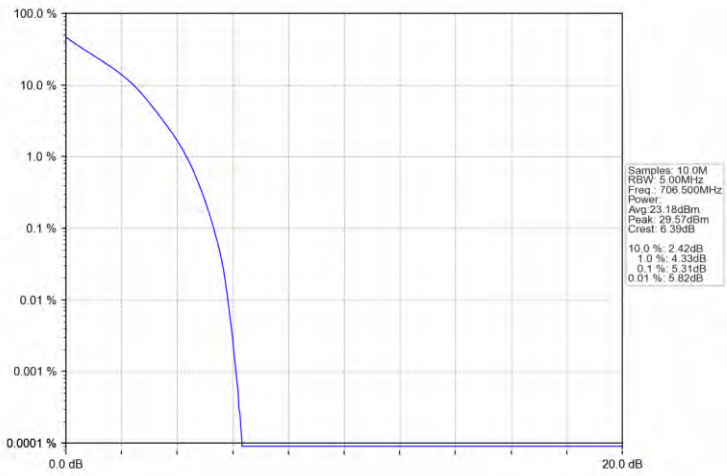
5.1.2 B17_10MHz

Band: 17 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	709	50	0	5.30	<=13	Pass
	710	50	0	5.28	<=13	Pass
	711	50	0	5.27	<=13	Pass
16QAM	709	50	0	6.09	<=13	Pass
	710	50	0	6.08	<=13	Pass
	711	50	0	6.03	<=13	Pass

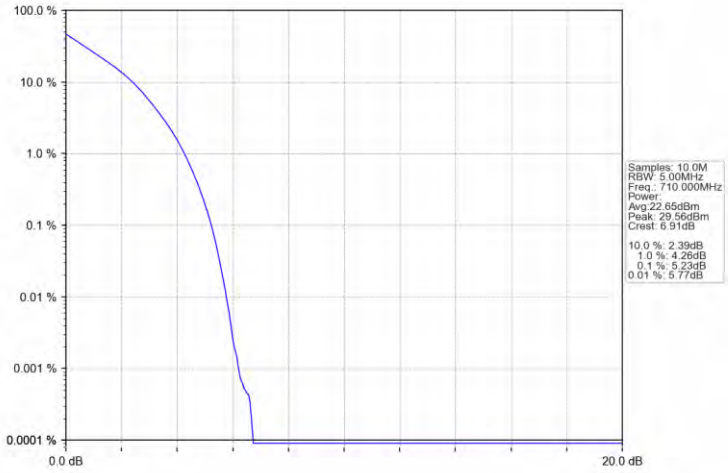
5.2 Test Graph

5.2.1 B17_5MHz

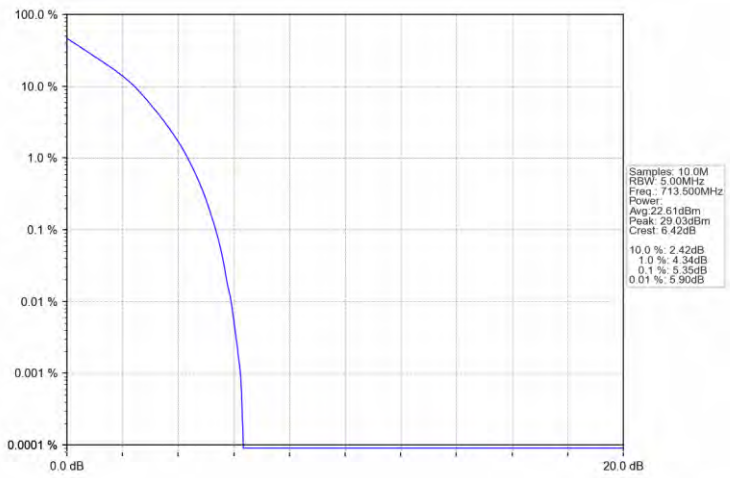
Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV



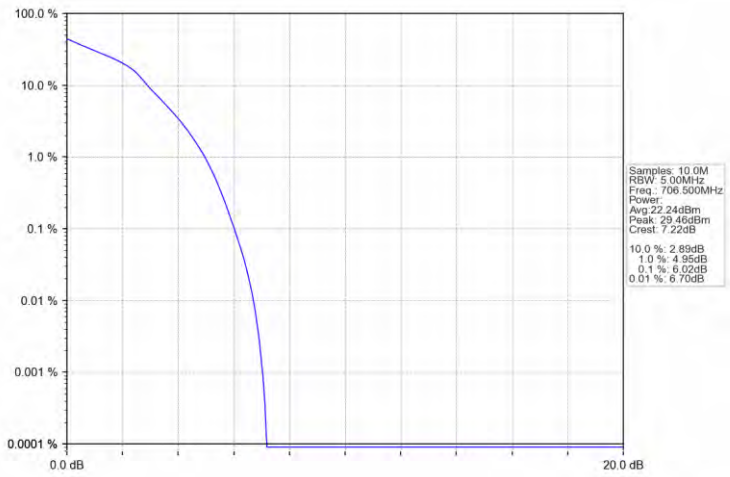
Band17_5MHz_QPSK_MCH_710MHz_RB_25_0_NTNV



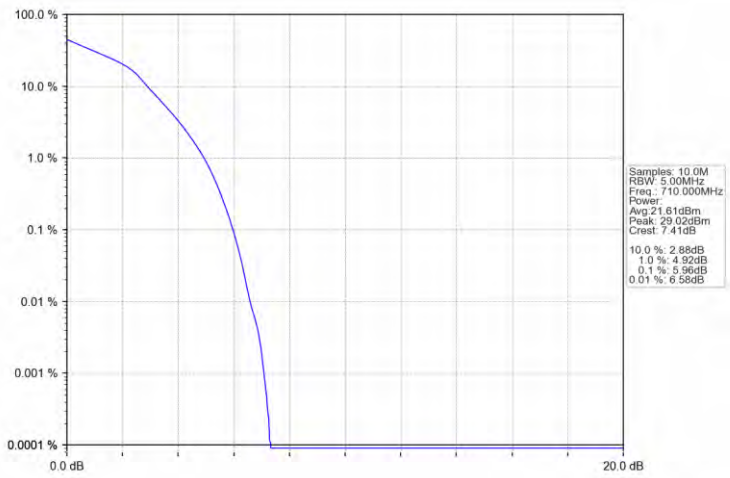
Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



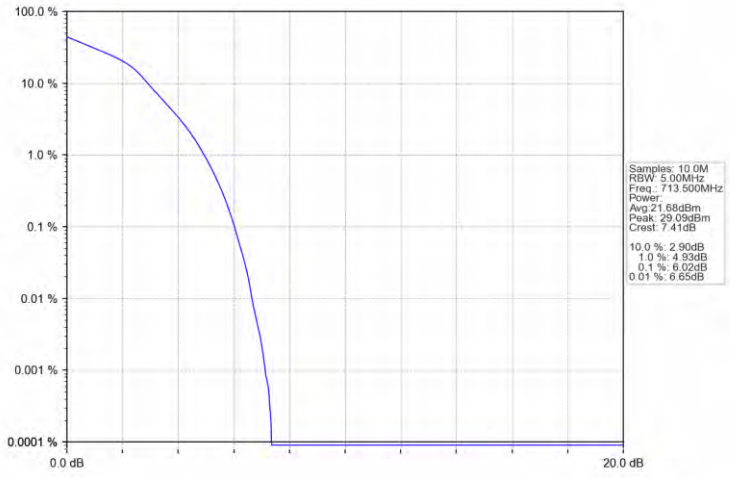
Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV



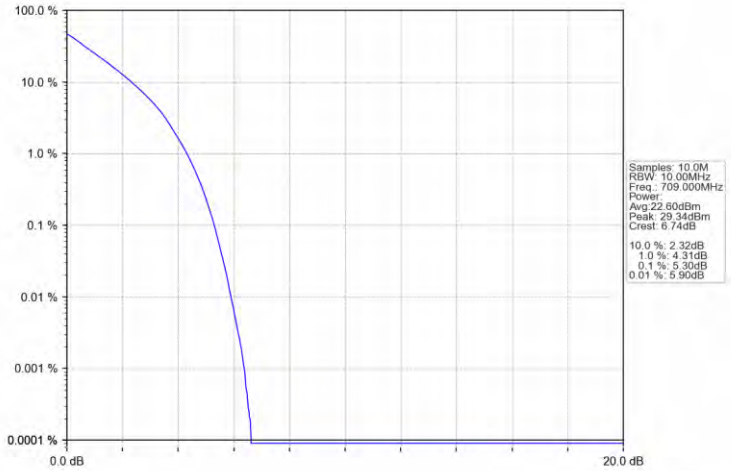
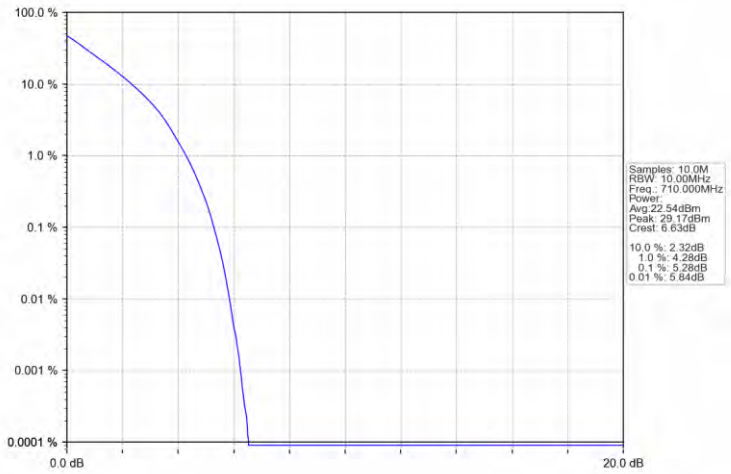
Band17_5MHz_16QAM_MCH_710MHz_RB_25_0_NTNV



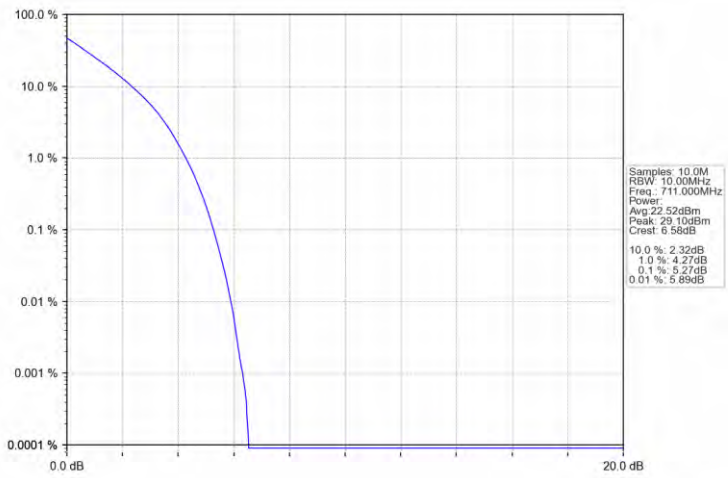
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



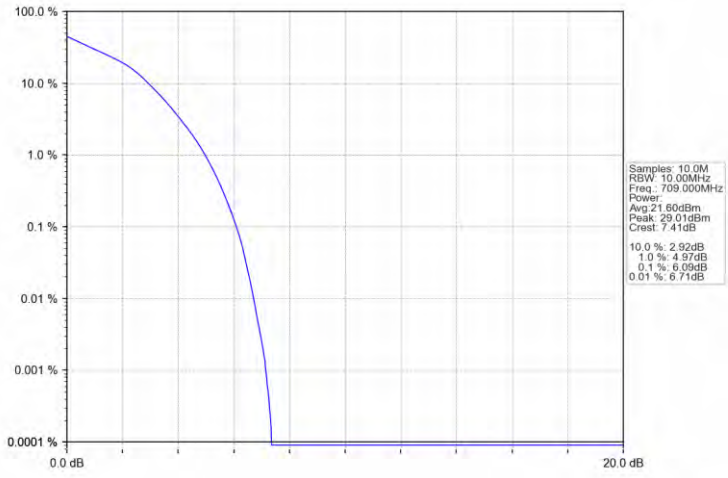
5.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

Band17_10MHz_QPSK_MCH_710MHz_RB_50_0_NTNV


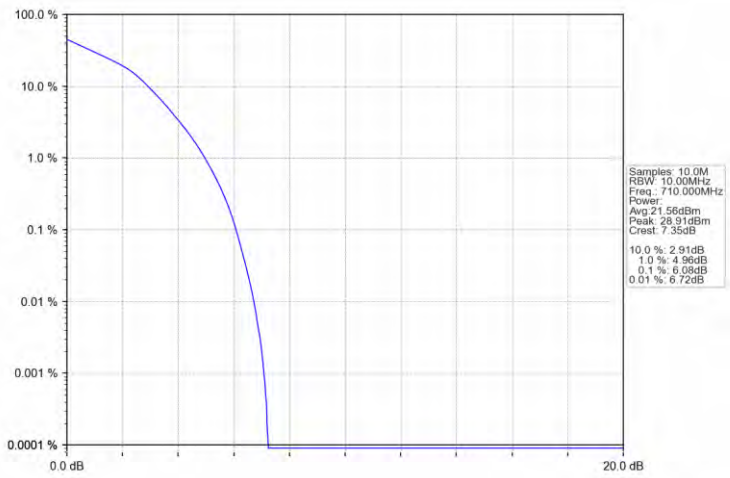
Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



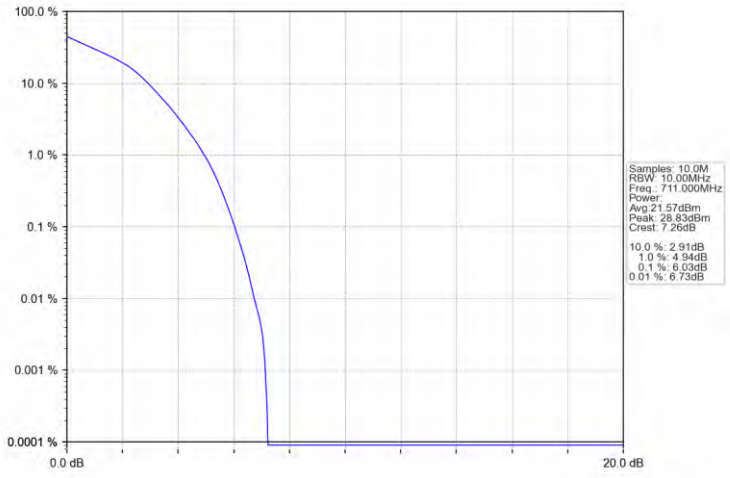
Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV



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

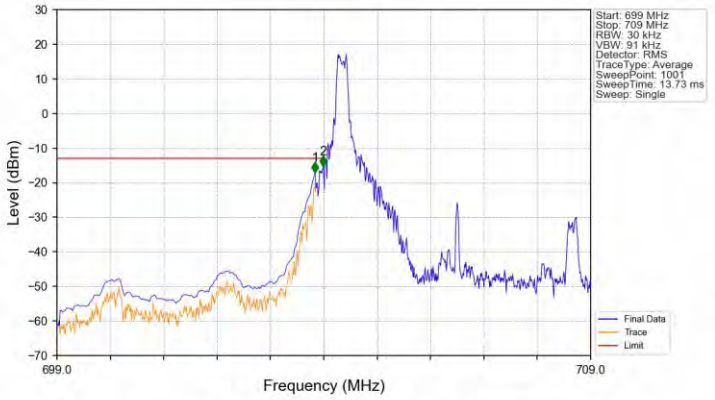
6.1.2 B17_10MHz

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

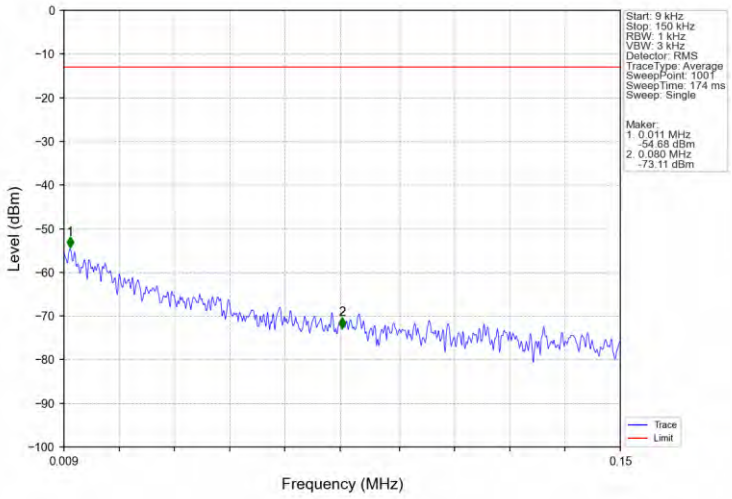
6.2.1 B17_5MHz

Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

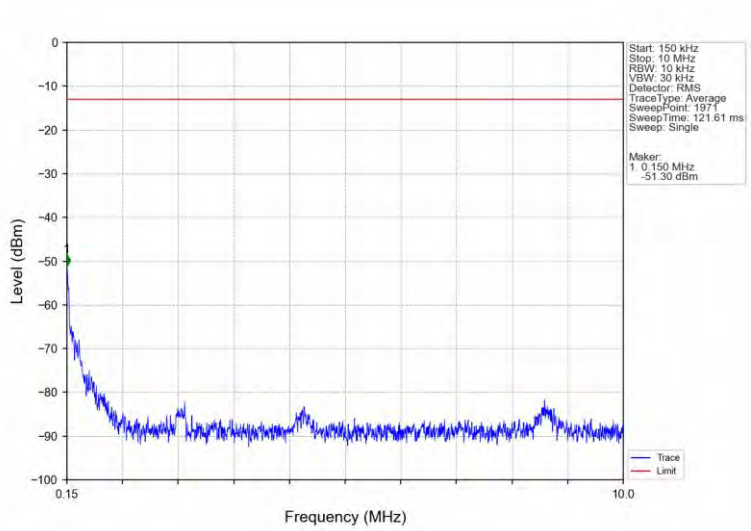


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-17.20	-13	Pass
703.9	704	0.03	/	2	703.990	-15.36	-13	Pass
704	709	0.03	/	/	/	/	/	/

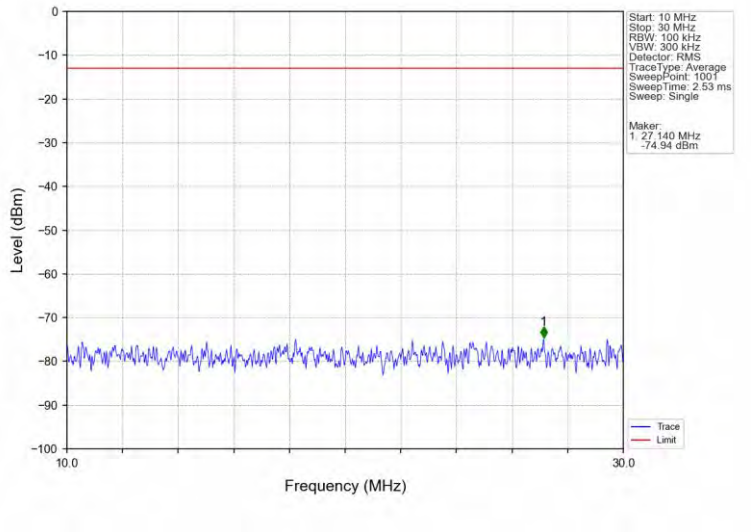
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



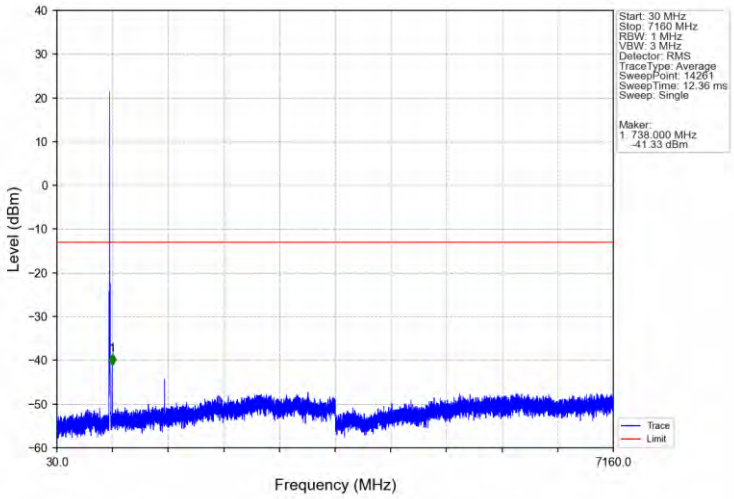
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



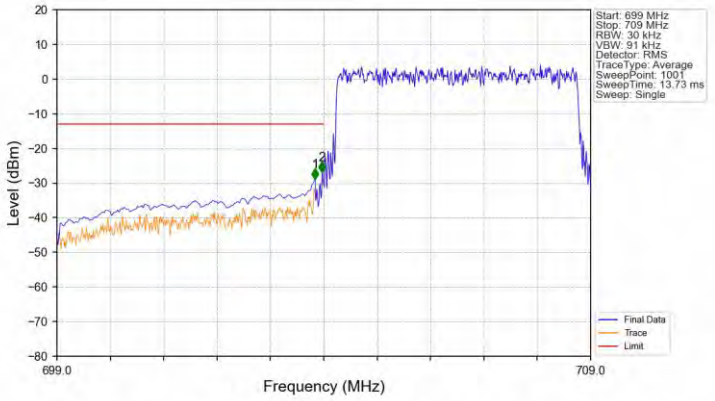
Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_LCH_706.5MHz_RB_1_0_NTNV

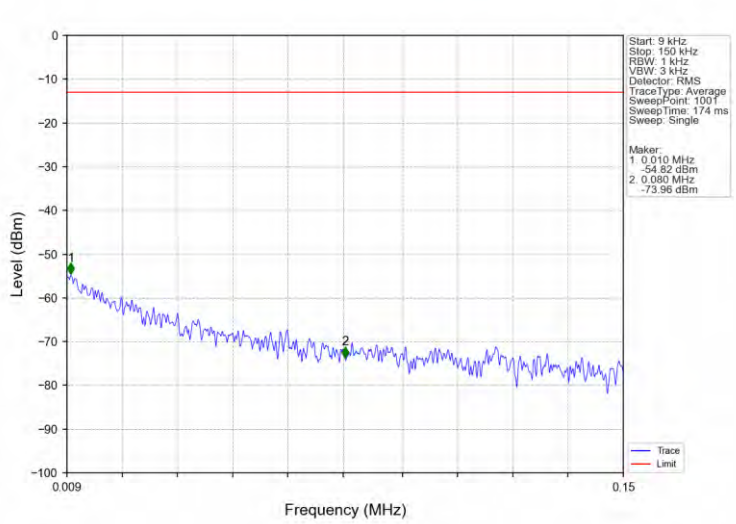


Band17_5MHz_QPSK_LCH_706.5MHz_RB_25_0_NTNV

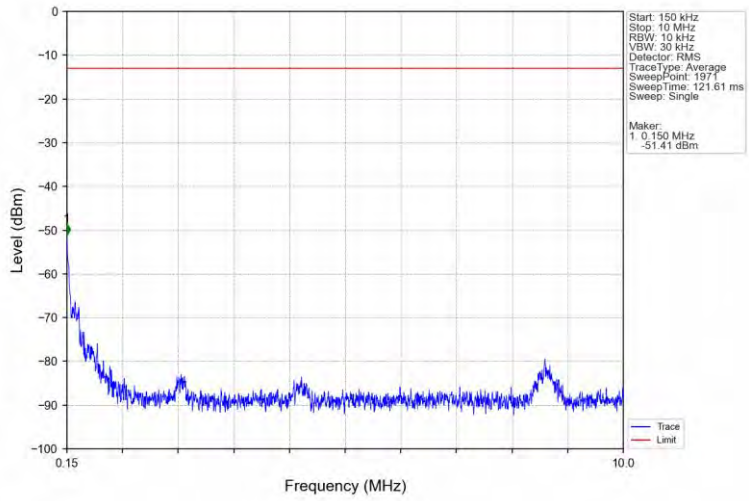


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-28.95	-13	Pass
703.9	704	0.03	/	2	703.970	-26.85	-13	Pass
704	709	0.03	/	/	/	/	/	/

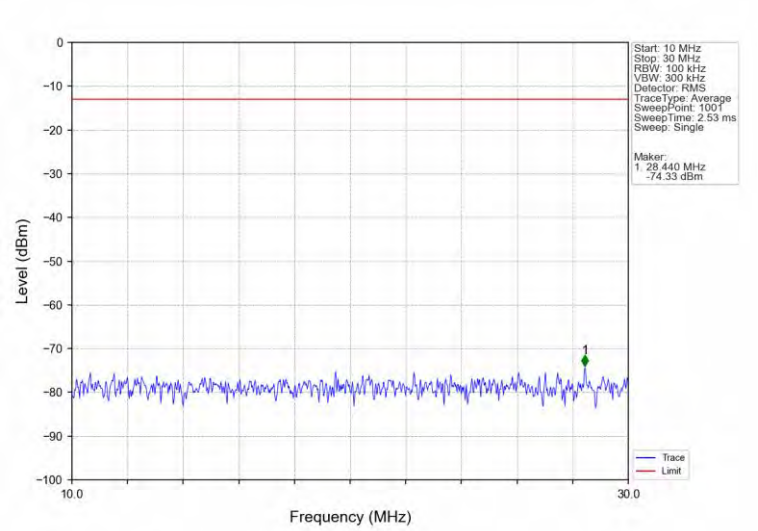
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



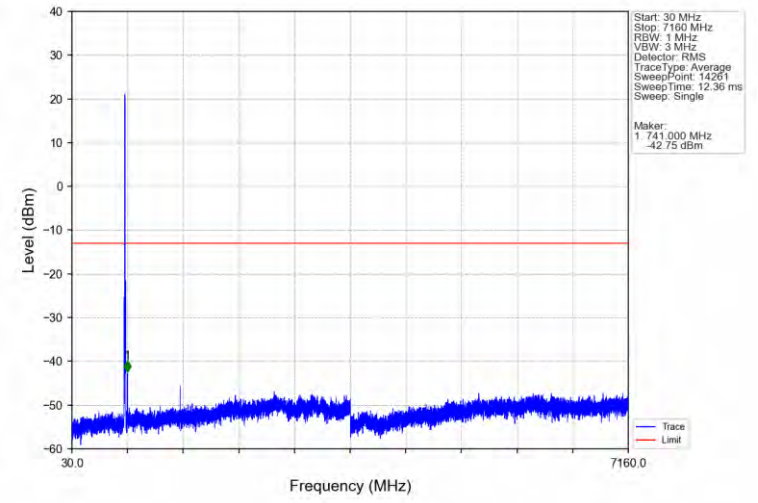
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



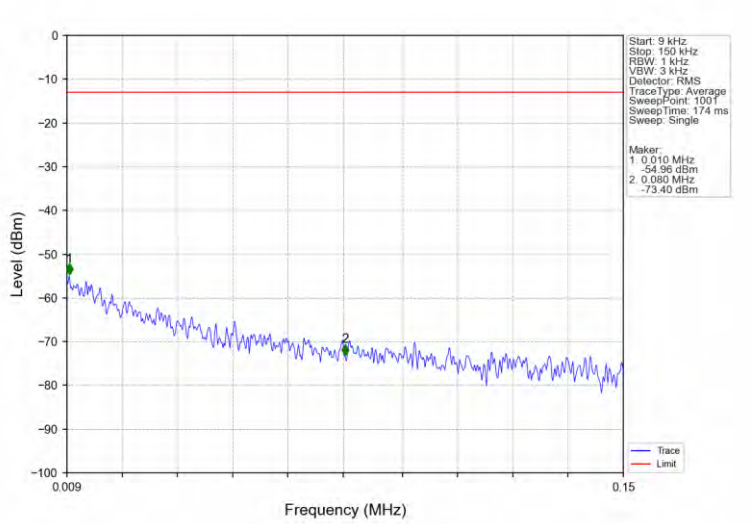
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



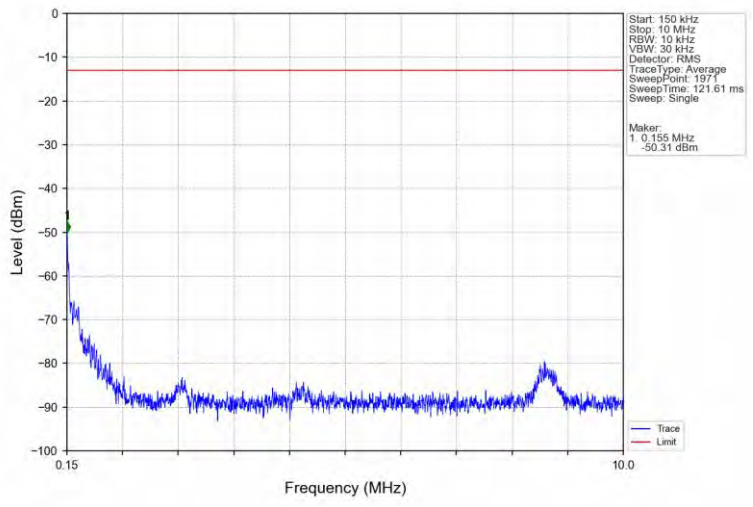
Band17_5MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



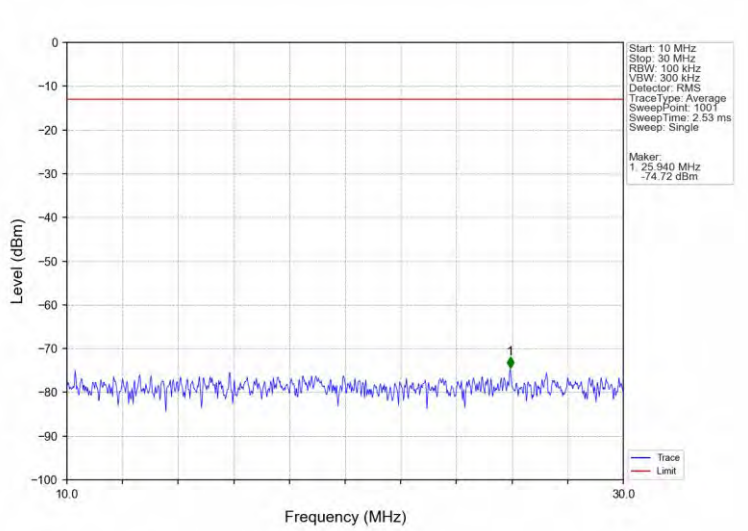
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



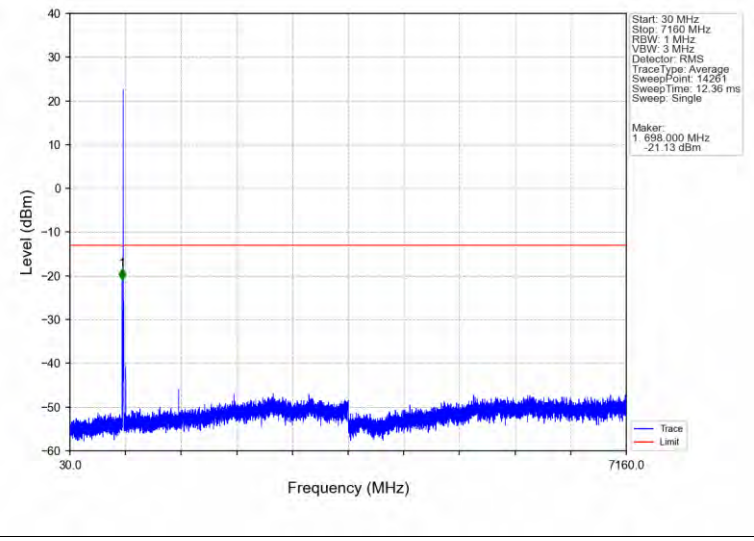
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



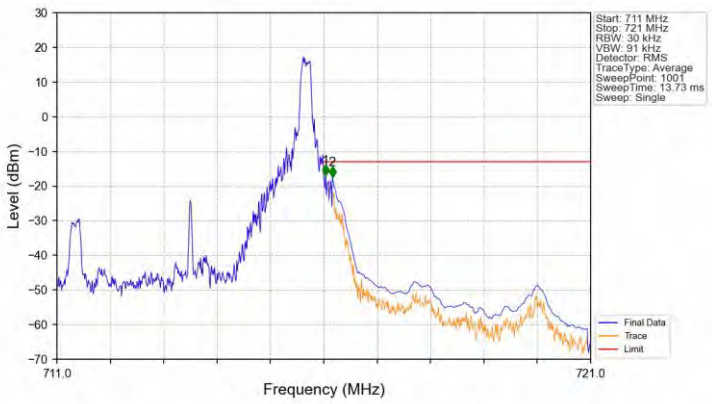
Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

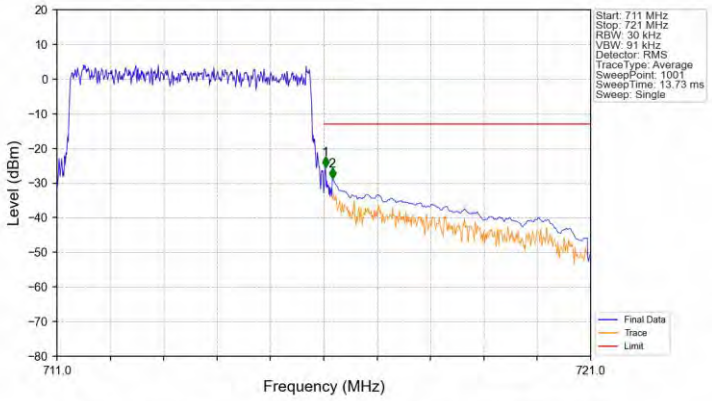


Band17_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



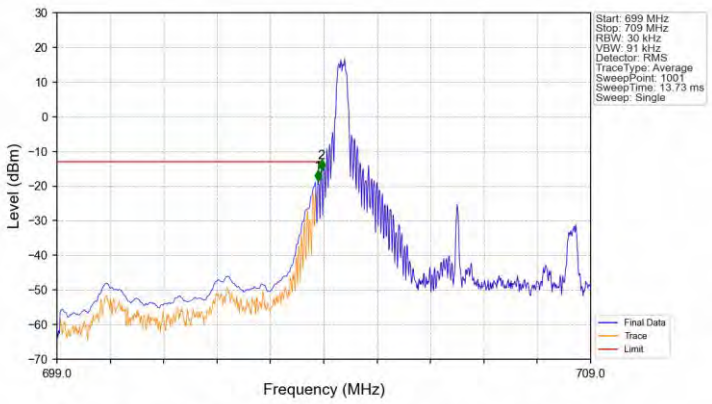
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-16.97	-13	Pass
716.1	721	0.1	CHP	2	716.160	-17.56	-13	Pass

Band17_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



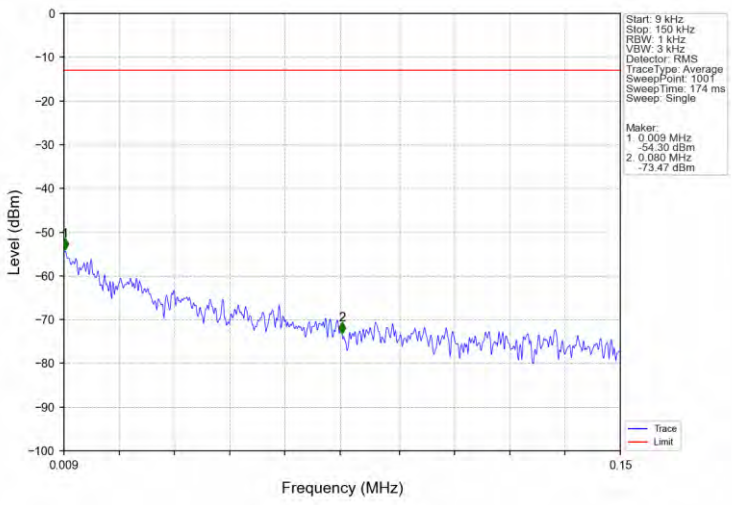
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-25.51	-13	Pass
716.1	721	0.1	CHP	2	716.160	-28.74	-13	Pass

Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

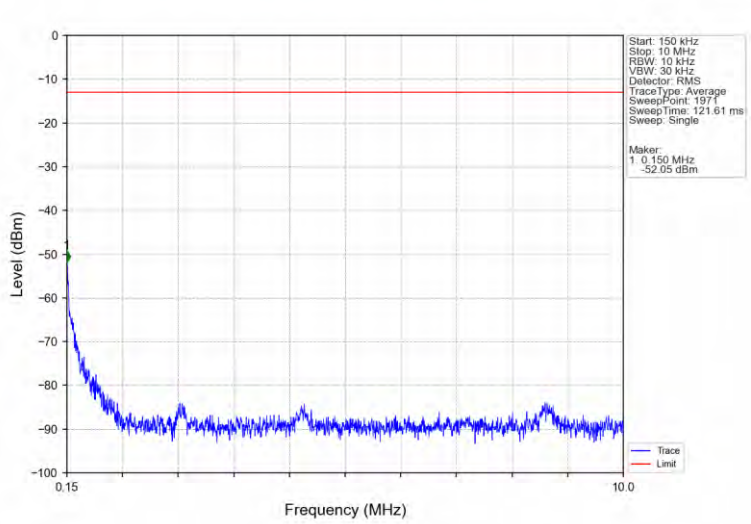


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.890	-18.62	-13	Pass
703.9	704	0.03	/	2	703.960	-15.52	-13	Pass
704	709	0.03	/	/	/	/	/	/

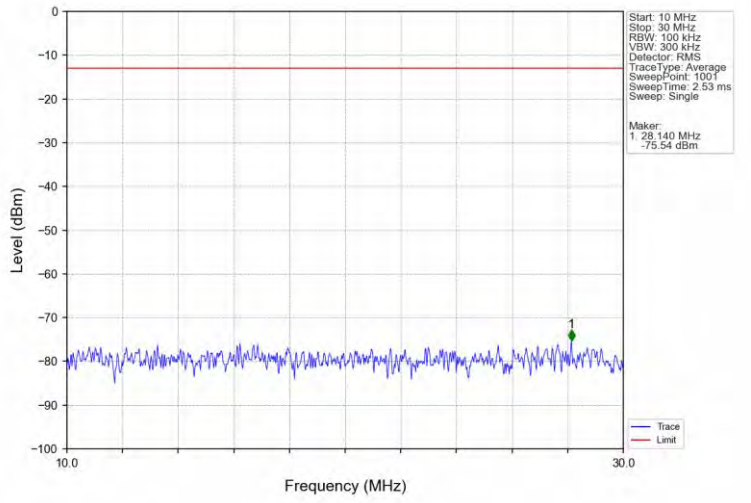
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



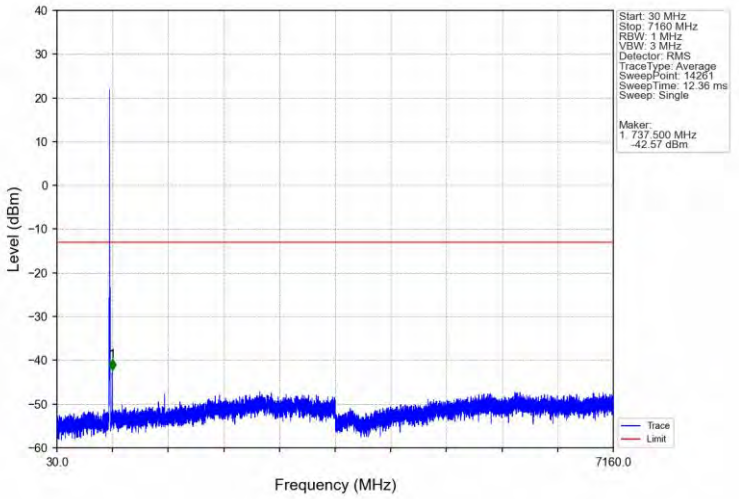
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



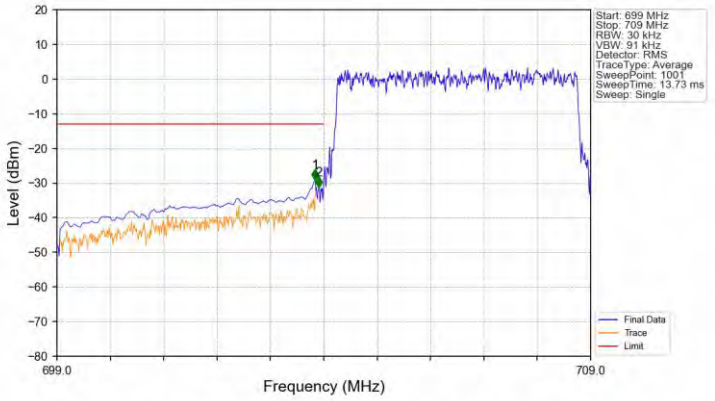
Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_LCH_706.5MHz_RB_1_0_NTNV

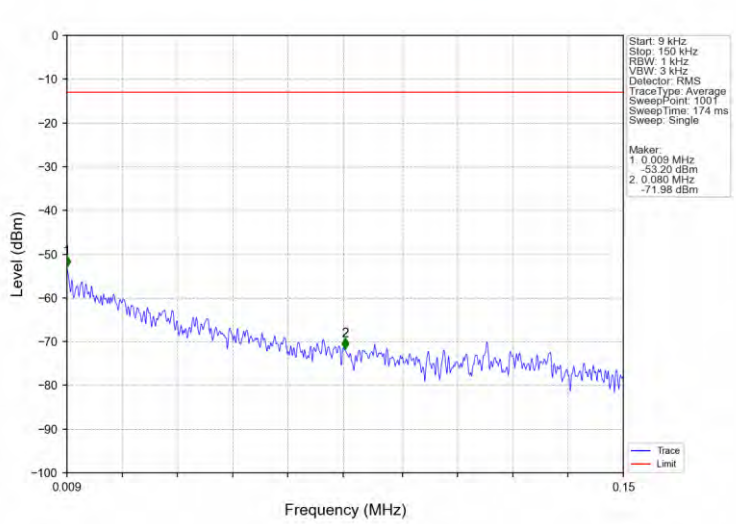


Band17_5MHz_16QAM_LCH_706.5MHz_RB_25_0_NTNV

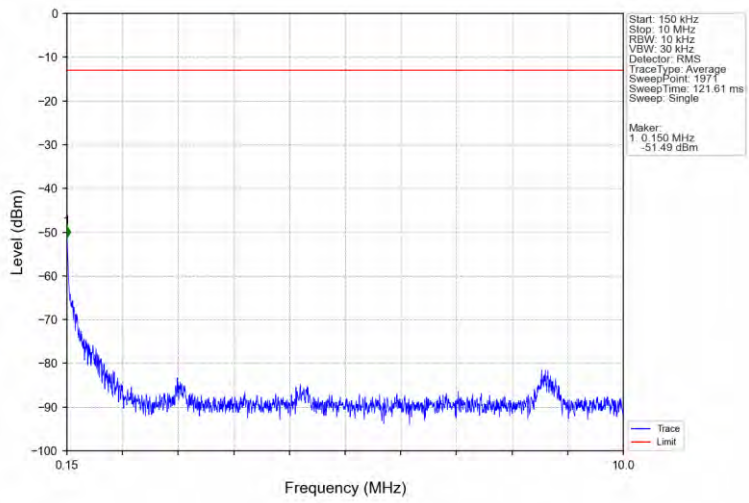


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
699	703.9	0.1	CHP	1	703.840	-29.09	-13	Pass
703.9	704	0.03	/	2	703.910	-31.34	-13	Pass
704	709	0.03	/	/	/	/	/	/

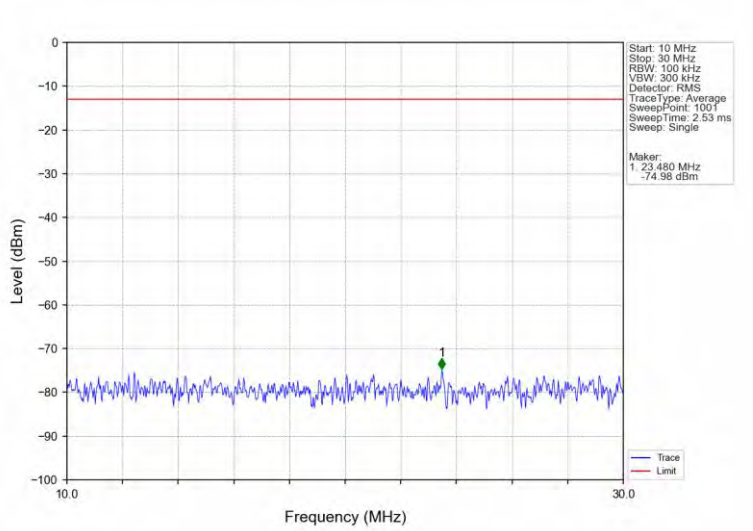
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



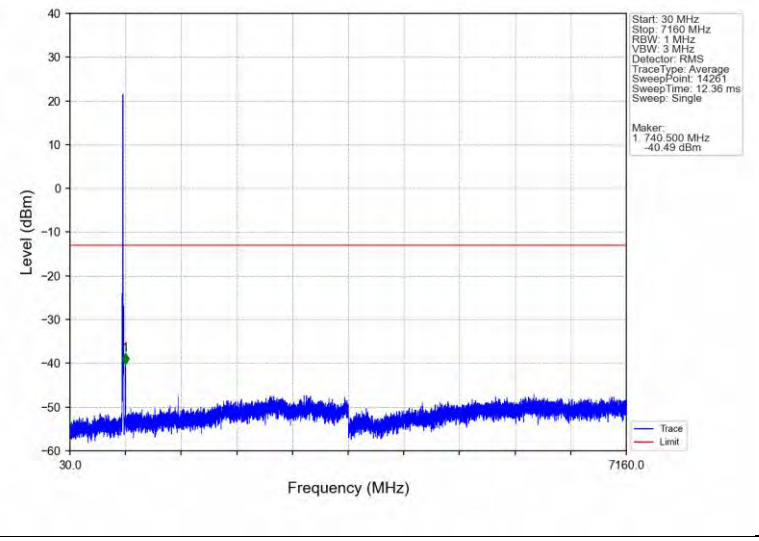
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



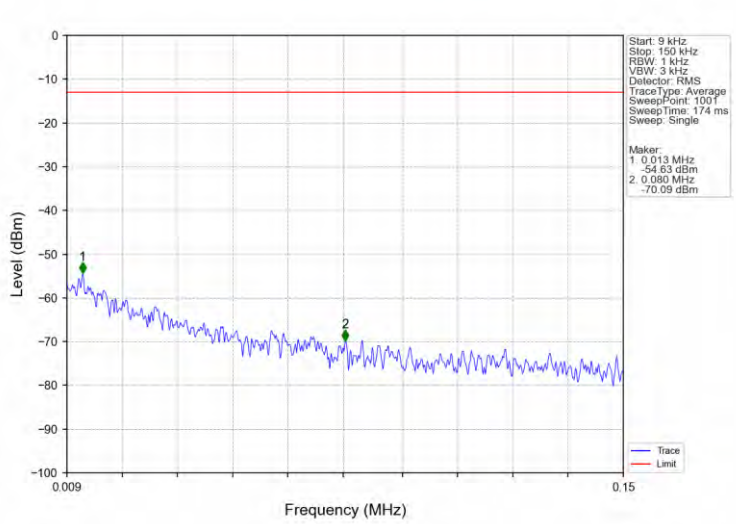
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



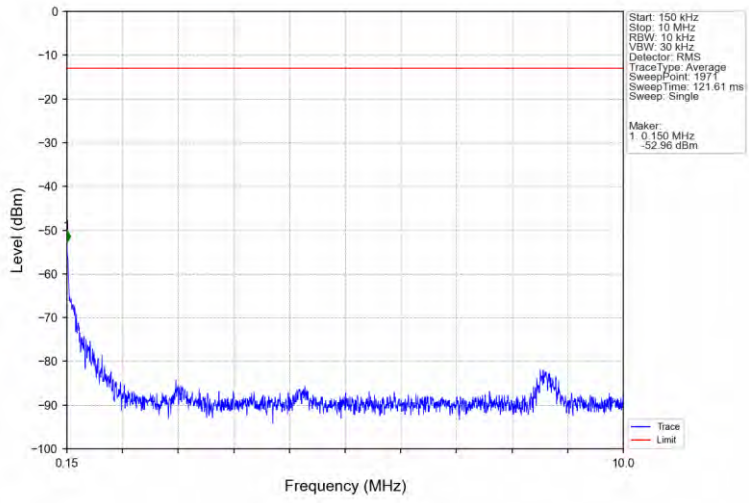
Band17_5MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



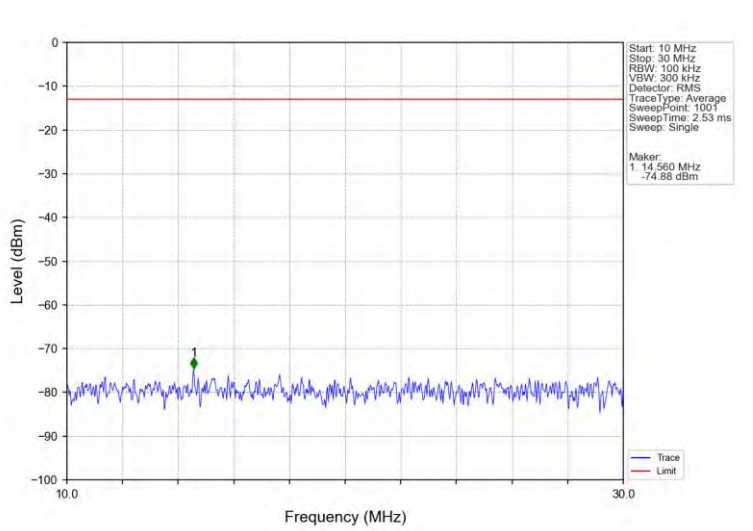
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



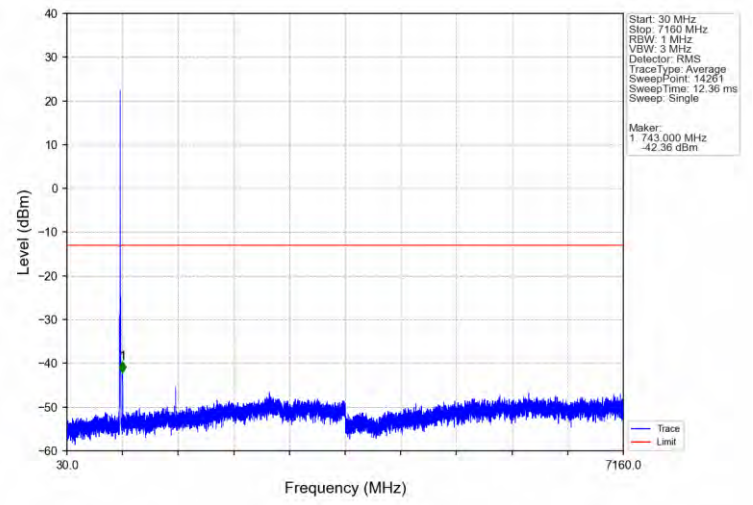
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



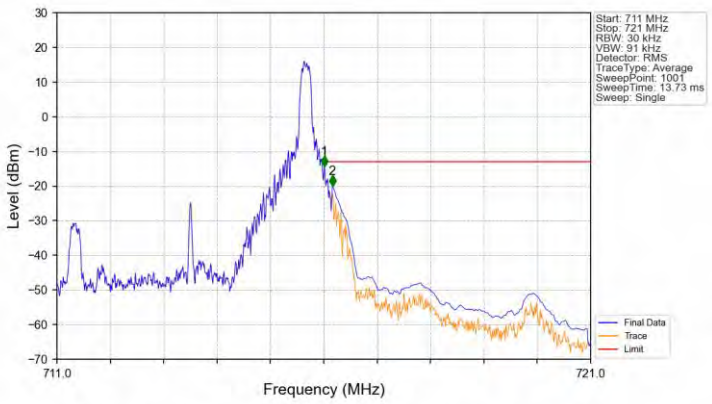
Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

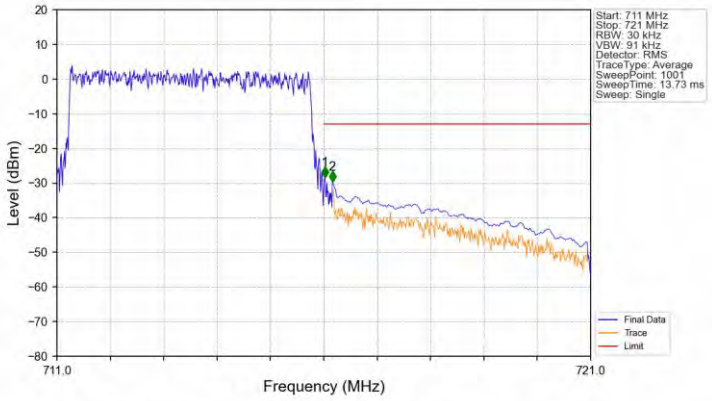


Band17_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



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	-14.41	-13	Pass
716.1	721	0.1	CHP	2	716.160	-19.96	-13	Pass

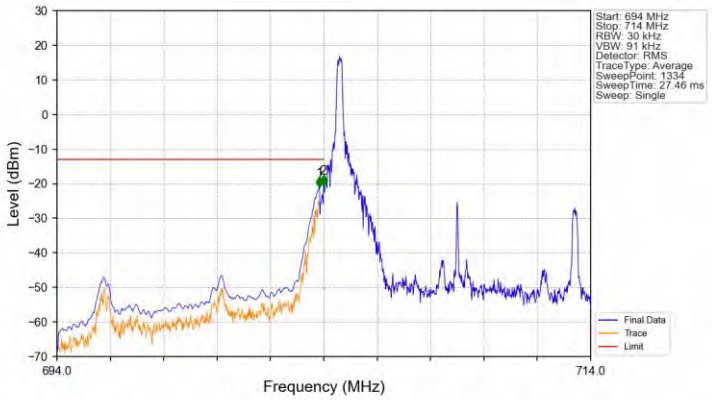
Band17_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



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	716.020	-28.48	-13	Pass
716.1	721	0.1	CHP	2	716.160	-29.63	-13	Pass

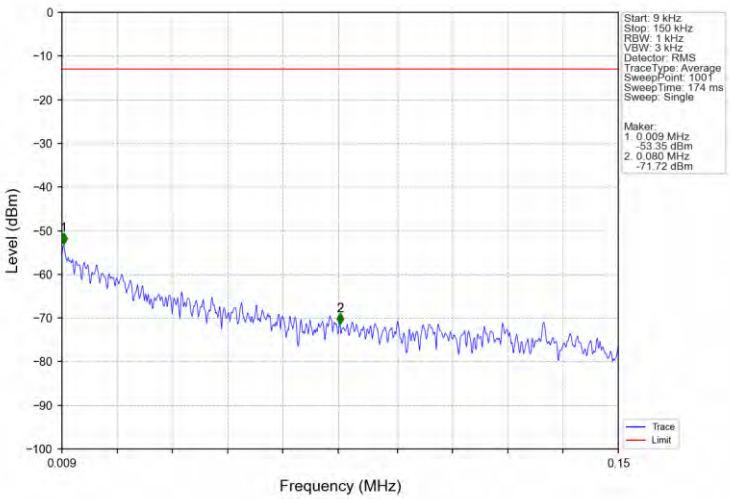
6.2.2 B17_10MHz

Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

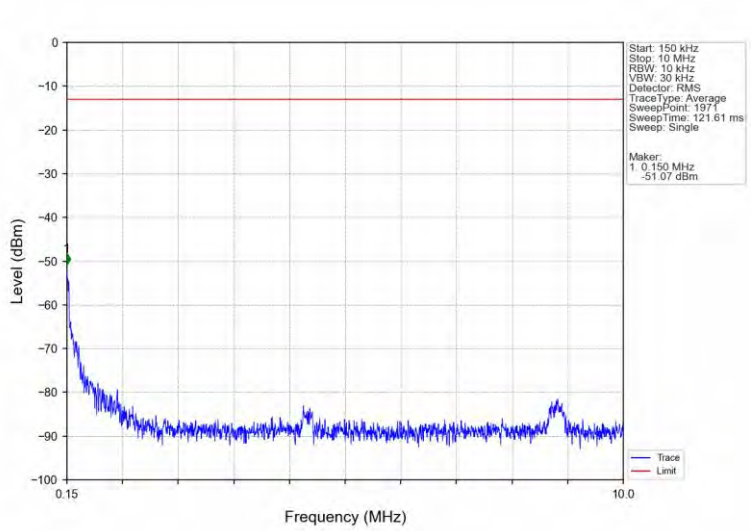


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-21.09	-13	Pass
703.9	704	0.03	/	2	703.992	-20.65	-13	Pass
704	714	0.03	/	/	/	/	/	/

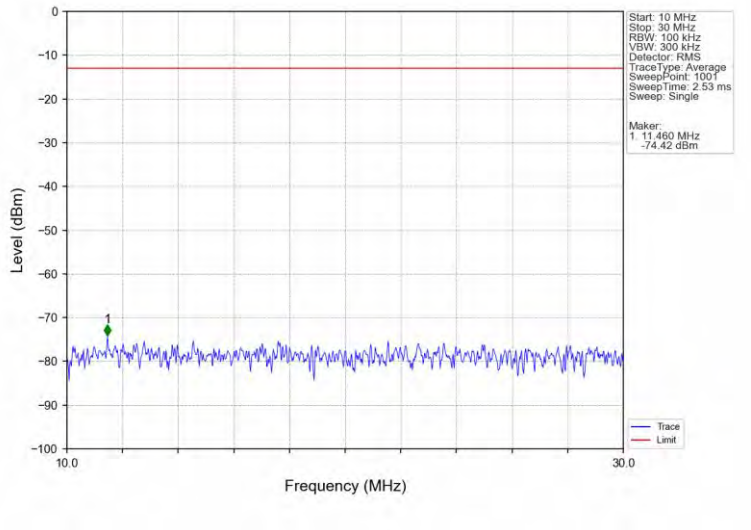
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



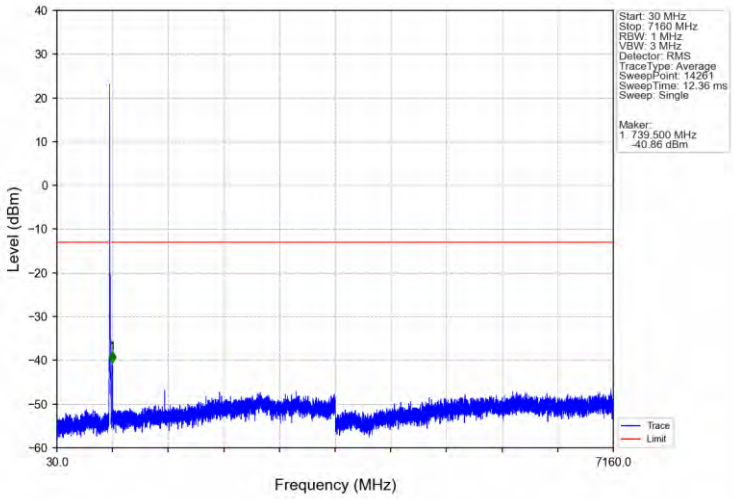
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



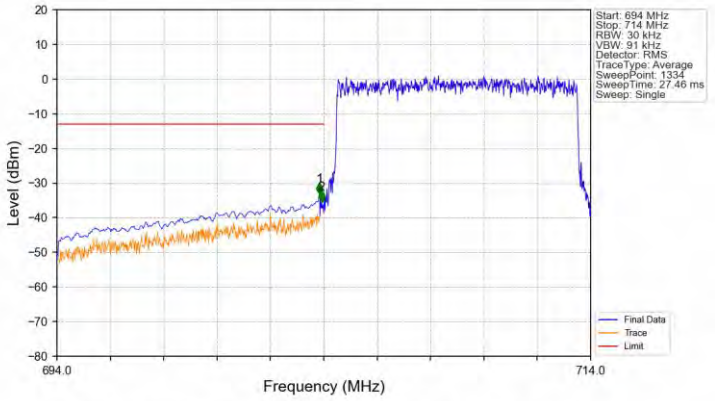
Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_LCH_709MHz_RB_1_0_NTNV

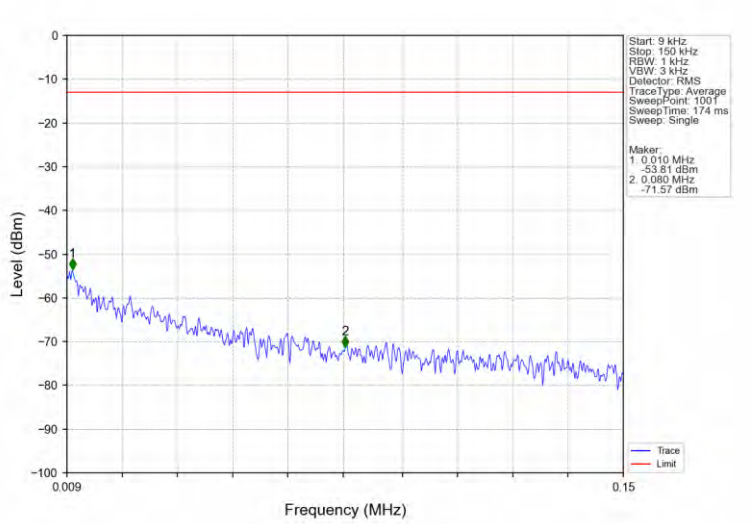


Band17_10MHz_QPSK_LCH_709MHz_RB_50_0_NTNV

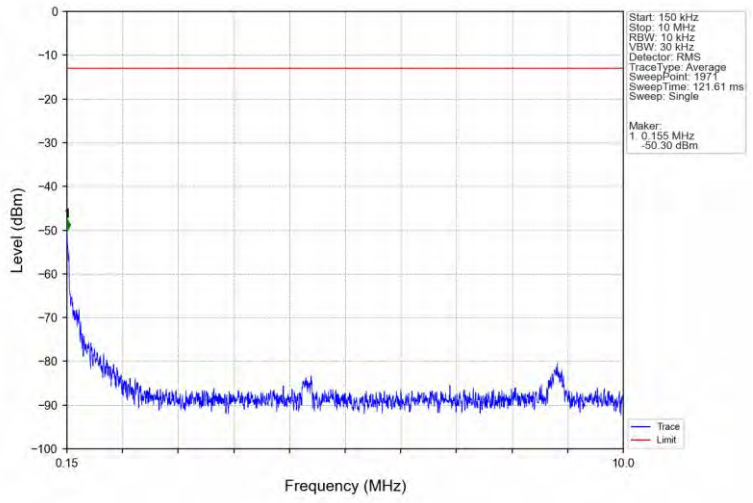


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-33.19	-13	Pass
703.9	704	0.03	/	2	703.917	-35.45	-13	Pass
704	714	0.03	/	/	/	/	/	/

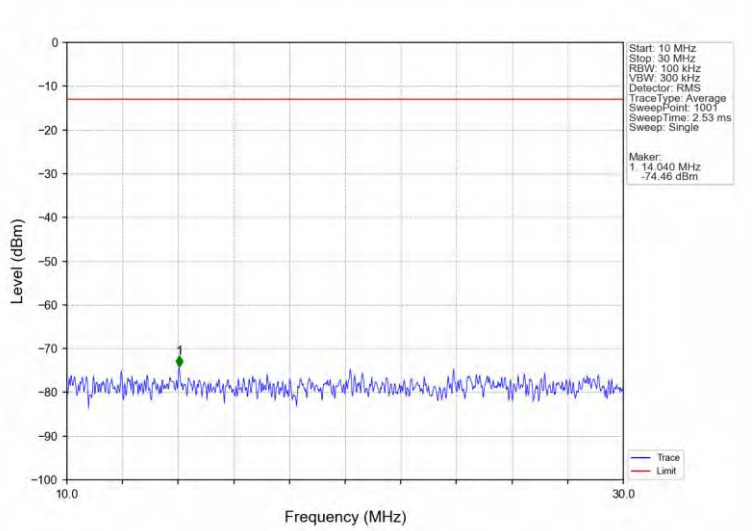
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



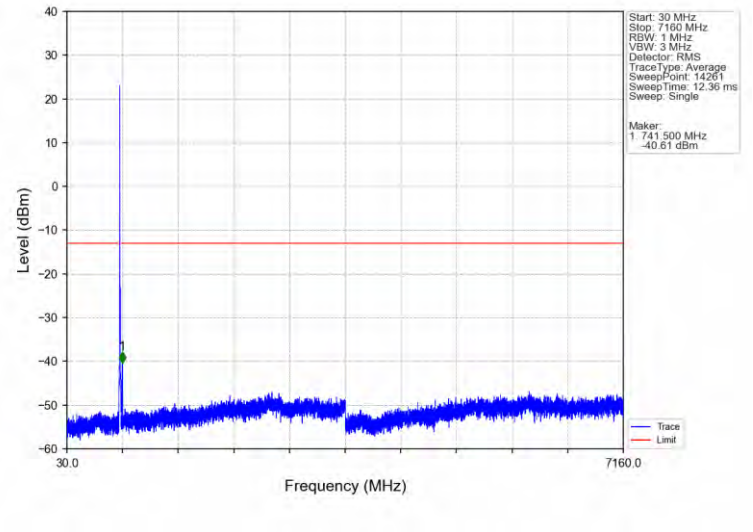
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



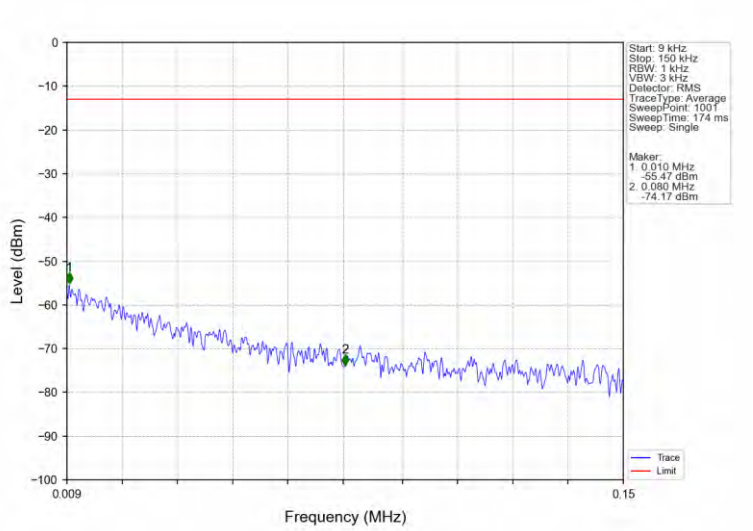
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



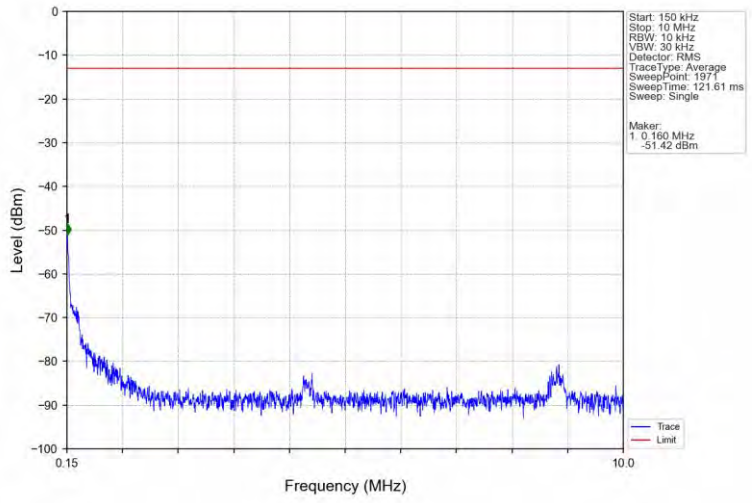
Band17_10MHz_QPSK_MCH_710MHz_RB_1_0_NTNV



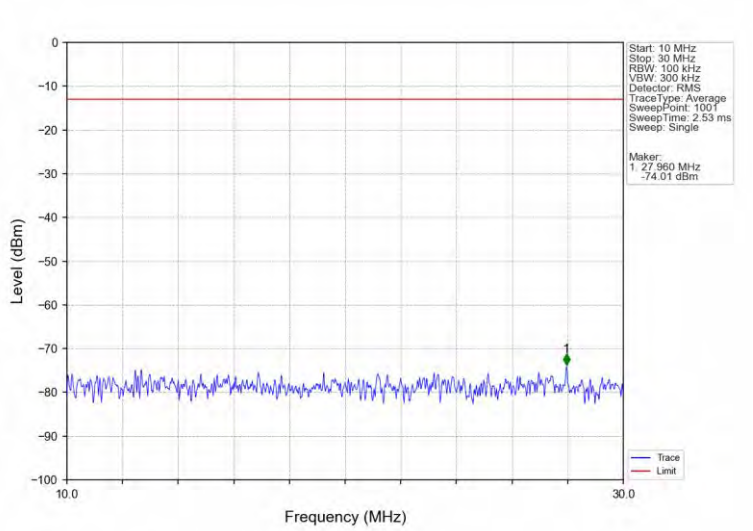
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



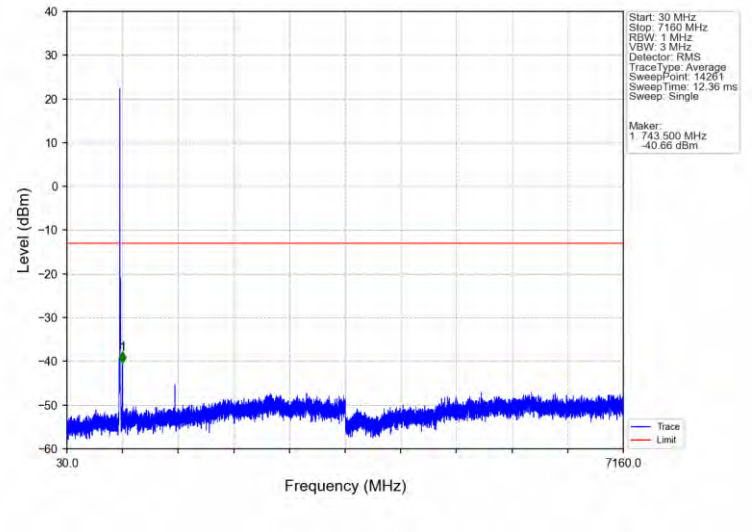
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



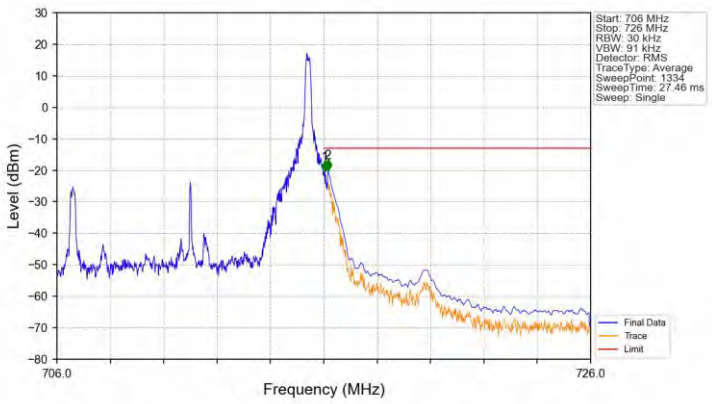
Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

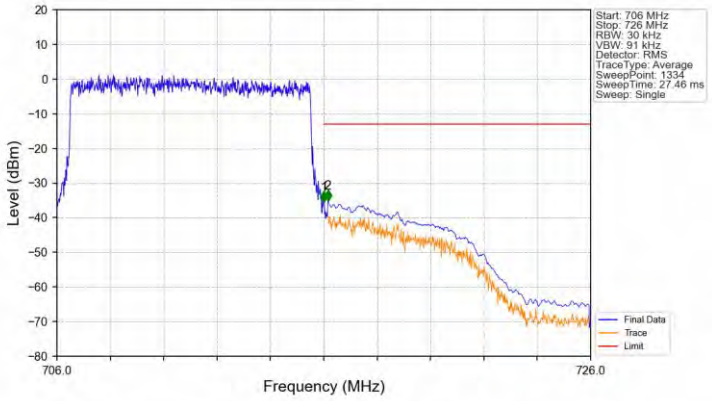


Band17_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



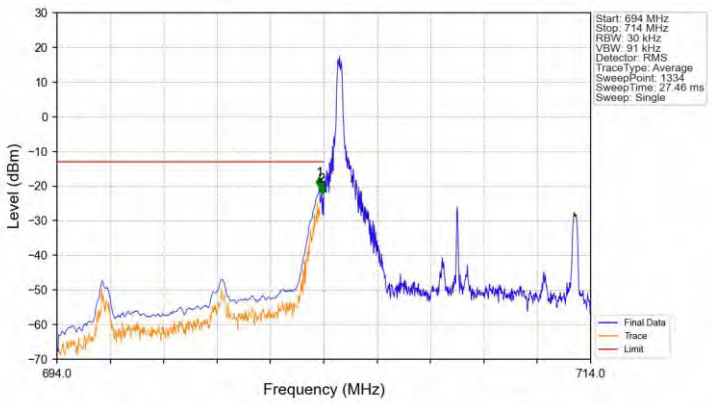
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-20.35	-13	Pass
716.1	726	0.1	CHP	2	716.158	-20.11	-13	Pass

Band17_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



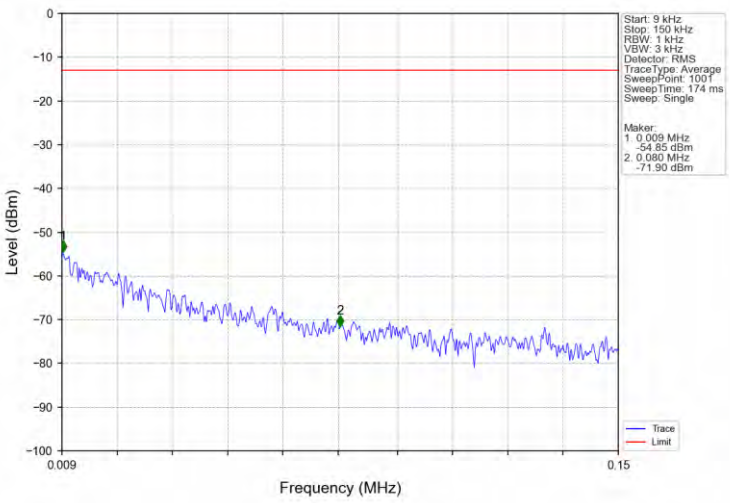
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-35.53	-13	Pass
716.1	726	0.1	CHP	2	716.158	-35.07	-13	Pass

Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

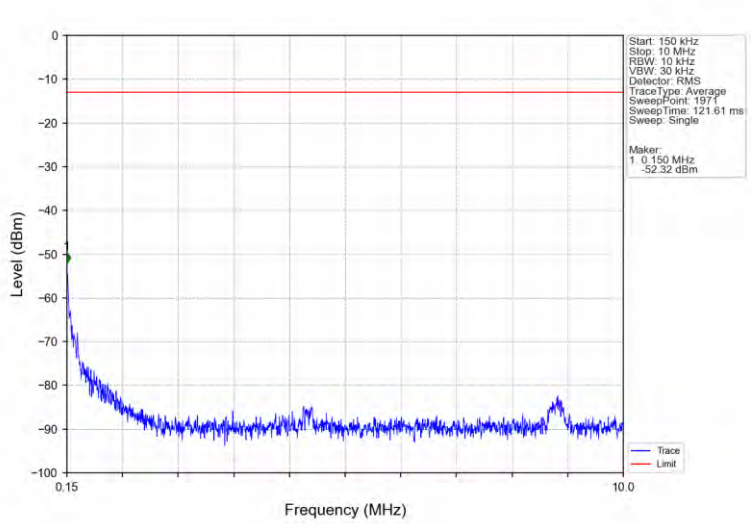


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-20.39	-13	Pass
703.9	704	0.03	/	2	703.917	-22.21	-13	Pass
704	714	0.03	/	/	/	/	/	/

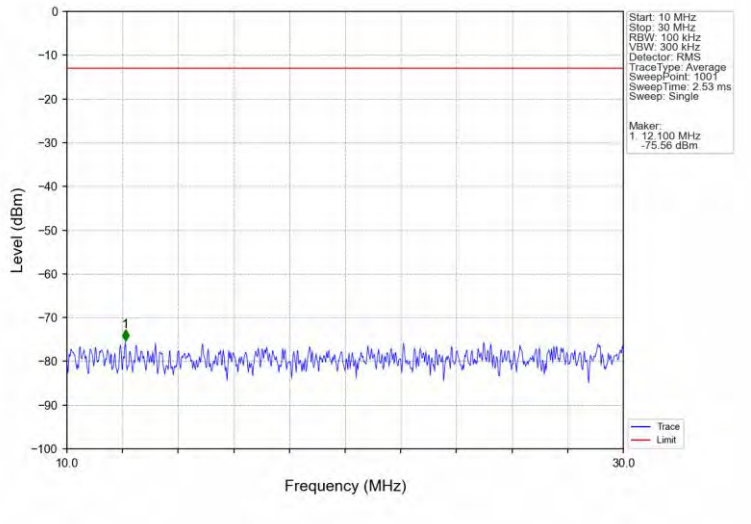
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



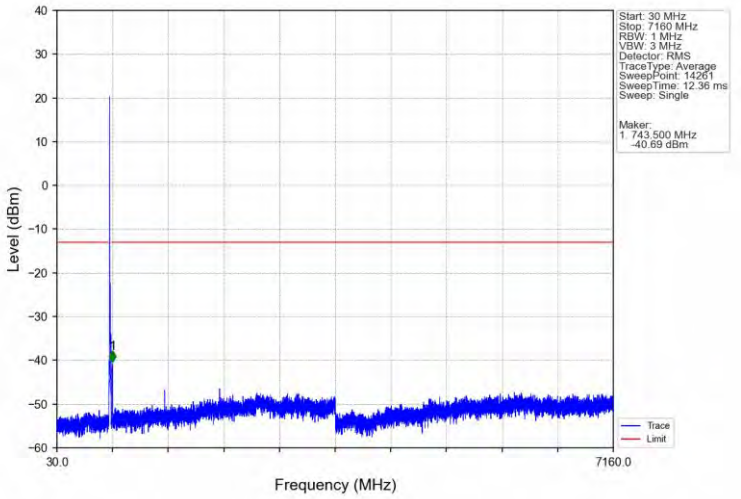
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



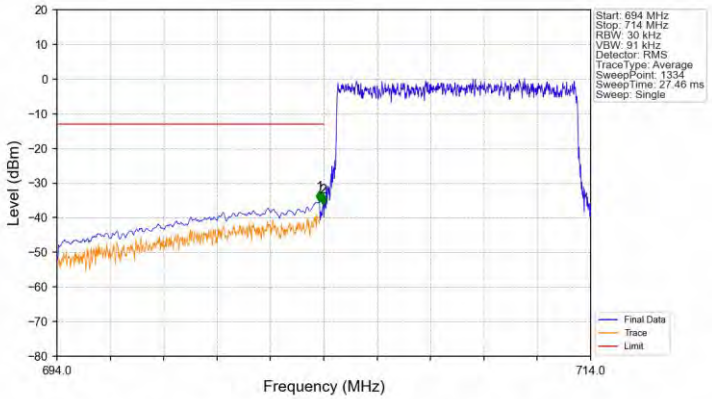
Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_LCH_709MHz_RB_1_0_NTNV

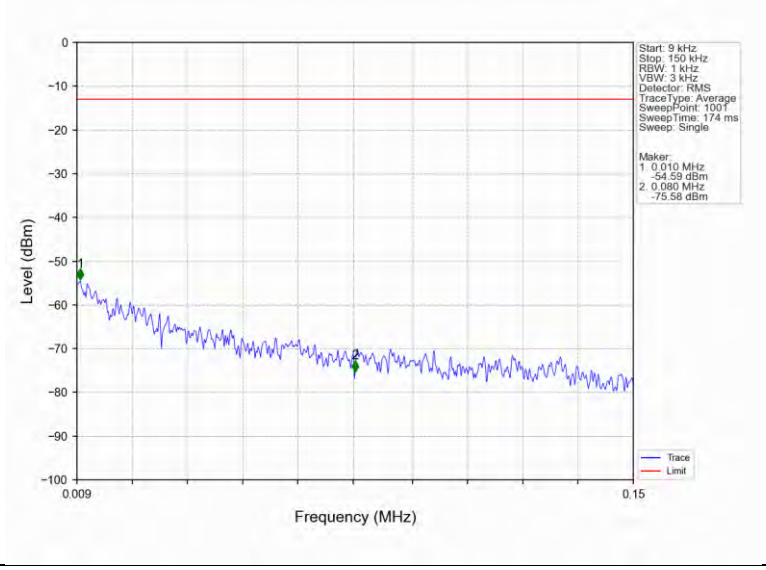


Band17_10MHz_16QAM_LCH_709MHz_RB_50_0_NTNV

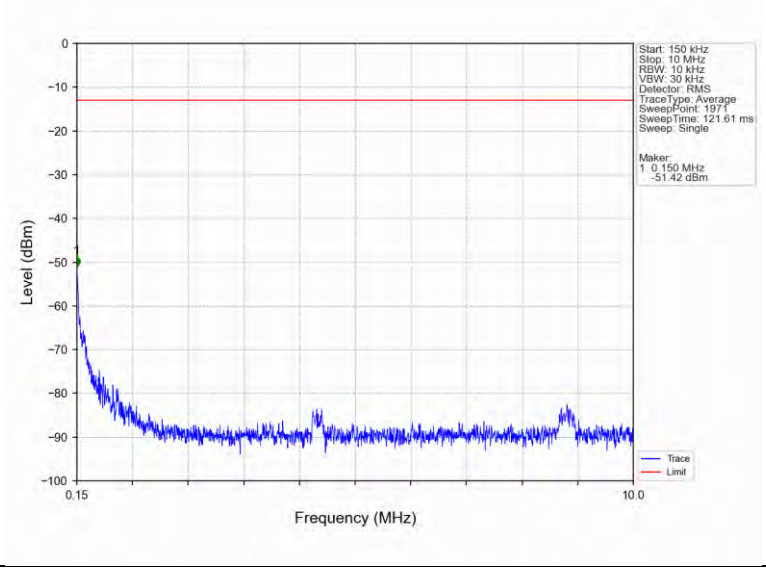


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	703.9	0.1	CHP	1	703.842	-35.24	-13	Pass
703.9	704	0.03	/	2	703.977	-36.20	-13	Pass
704	714	0.03	/	/	/	/	/	/

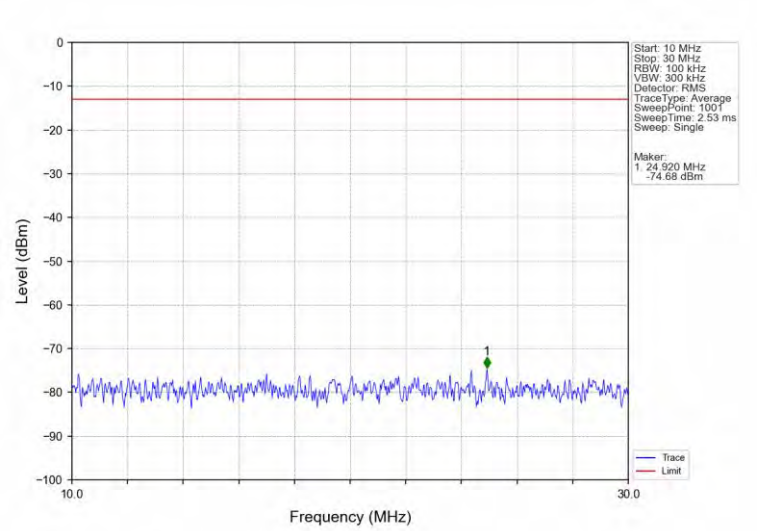
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



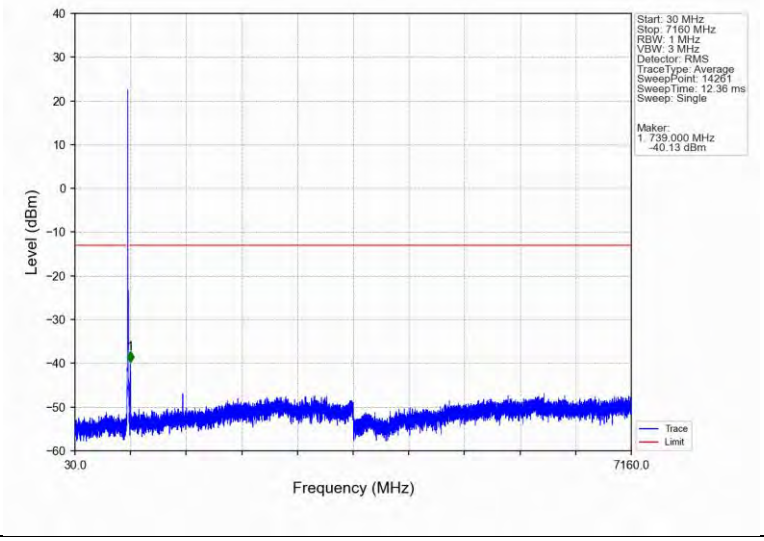
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



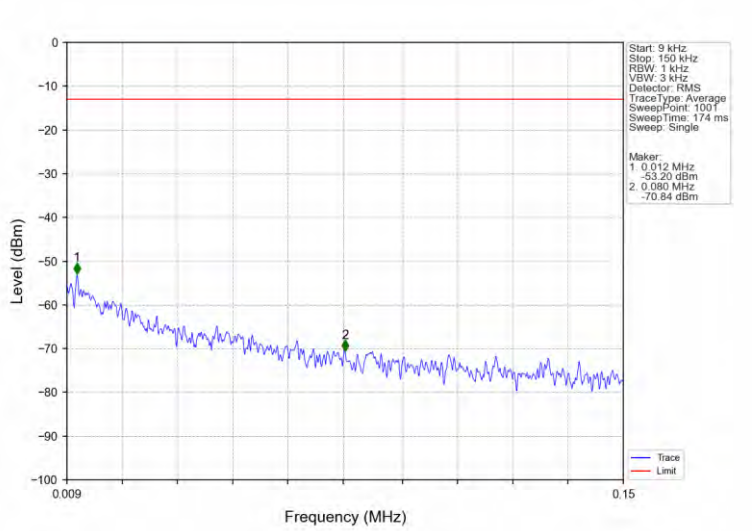
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



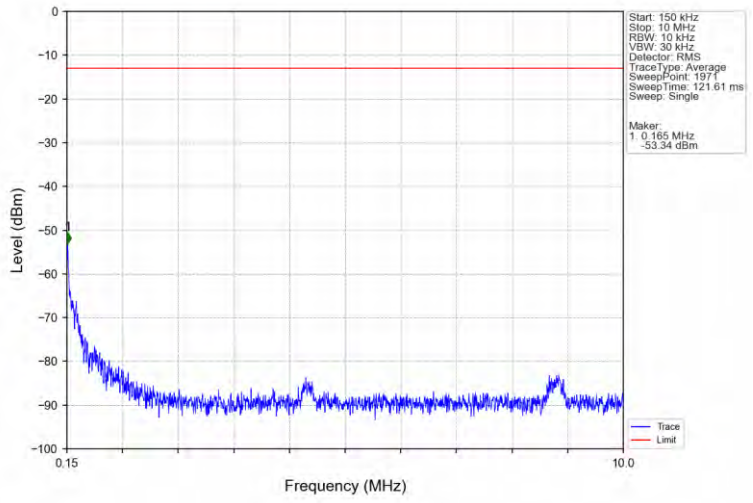
Band17_10MHz_16QAM_MCH_710MHz_RB_1_0_NTNV



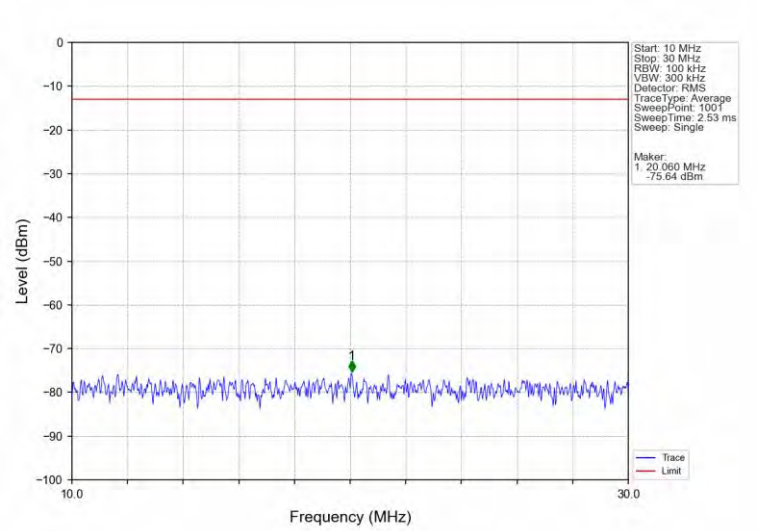
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



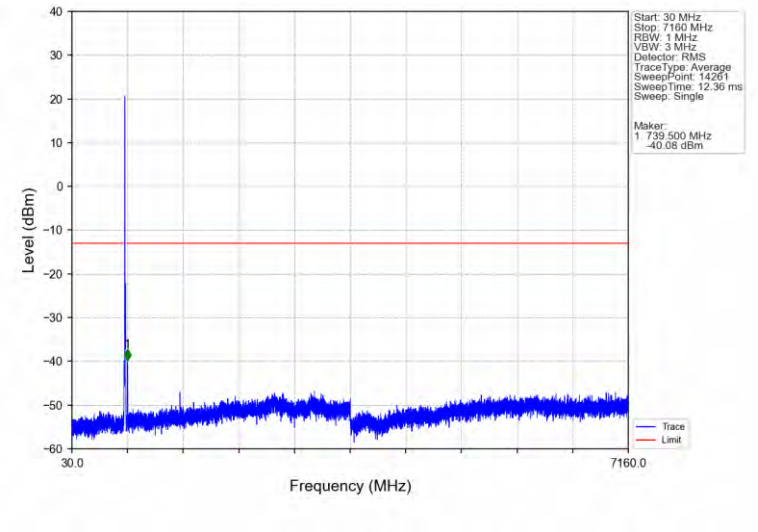
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



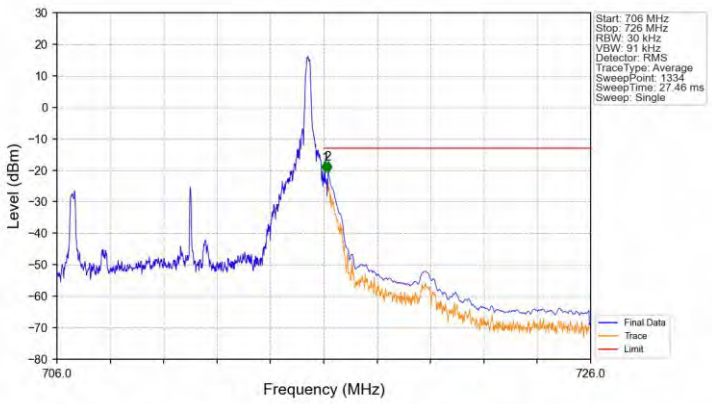
Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band17_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

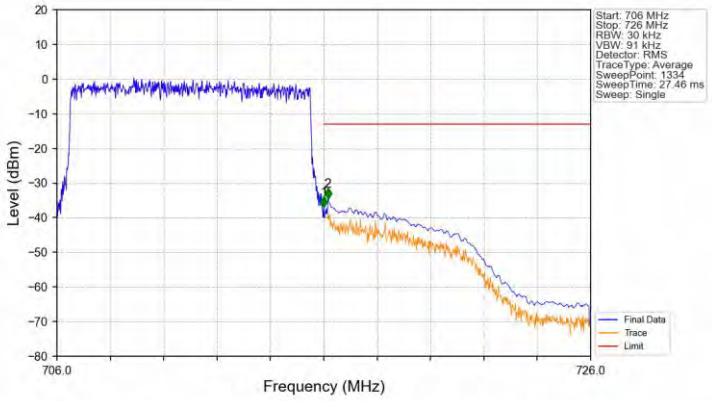


Band17_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	716.053	-20.62	-13	Pass
716.1	726	0.1	CHP	2	716.158	-20.53	-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	-36.98	-13	Pass
716.1	726	0.1	CHP	2	716.158	-34.58	-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	0.2685	0.0154	ppm	4M60G7D	27H	24.29
17	5	706.5	713.5	0.1986	0.0183	ppm	4M60W7D	27H	22.98
17	10	709	711	0.2460	0.0144	ppm	9M09G7D	27H	23.91
17	10	709	711	0.2163	0.0132	ppm	9M05W7D	27H	23.35

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	0.1167	0.0154	ppm	4M60G7D	27H	20.67
17	5	706.5	713.5	0.0863	0.0183	ppm	4M60W7D	27H	19.36
17	10	709	711	0.1069	0.0144	ppm	9M09G7D	27H	20.29
17	10	709	711	0.0940	0.0132	ppm	9M05W7D	27H	19.73