

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	699.7	1	0	28.94	-0.38	26.41	<=34.77	Pass	
			2	29.04	-0.38	26.51	<=34.77	Pass	
			5	28.93	-0.38	26.40	<=34.77	Pass	
		3	0	28.98	-0.38	26.45	<=34.77	Pass	
			2	29.04	-0.38	26.51	<=34.77	Pass	
			3	28.98	-0.38	26.45	<=34.77	Pass	
		6	0	28.07	-0.38	25.54	<=34.77	Pass	
		707.5	1	0	28.98	-0.38	26.45	<=34.77	Pass
				2	29.07	-0.38	26.54	<=34.77	Pass
	5			29.00	-0.38	26.47	<=34.77	Pass	
	3		0	29.06	-0.38	26.53	<=34.77	Pass	
			2	29.09	-0.38	26.56	<=34.77	Pass	
			3	29.08	-0.38	26.55	<=34.77	Pass	
	715.3	6	0	28.08	-0.38	25.55	<=34.77	Pass	
			1	0	28.99	-0.38	26.46	<=34.77	Pass
				2	29.12	-0.38	26.59	<=34.77	Pass
		5		29.00	-0.38	26.47	<=34.77	Pass	
		3	0	29.04	-0.38	26.51	<=34.77	Pass	
			2	29.09	-0.38	26.56	<=34.77	Pass	
			3	29.08	-0.38	26.55	<=34.77	Pass	
		6	0	28.06	-0.38	25.53	<=34.77	Pass	
16QAM		699.7	1	0	28.12	-0.38	25.59	<=34.77	Pass
	2			28.20	-0.38	25.67	<=34.77	Pass	
	5			28.09	-0.38	25.56	<=34.77	Pass	
	3		0	27.94	-0.38	25.41	<=34.77	Pass	
			2	28.00	-0.38	25.47	<=34.77	Pass	
			3	27.94	-0.38	25.41	<=34.77	Pass	
	6		0	27.04	-0.38	24.51	<=34.77	Pass	
	707.5	1	0	27.99	-0.38	25.46	<=34.77	Pass	
			2	28.08	-0.38	25.55	<=34.77	Pass	
			5	27.99	-0.38	25.46	<=34.77	Pass	
		3	0	28.27	-0.38	25.74	<=34.77	Pass	
			2	28.29	-0.38	25.76	<=34.77	Pass	
			3	28.25	-0.38	25.72	<=34.77	Pass	
	6	0	27.10	-0.38	24.57	<=34.77	Pass		
	715.3	1	0	27.99	-0.38	25.46	<=34.77	Pass	
			2	28.09	-0.38	25.56	<=34.77	Pass	
			5	28.05	-0.38	25.52	<=34.77	Pass	
		3	0	28.05	-0.38	25.52	<=34.77	Pass	
2			28.06	-0.38	25.53	<=34.77	Pass		
3			28.05	-0.38	25.52	<=34.77	Pass		
6		0	27.00	-0.38	24.47	<=34.77	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	700.5	1	0	29.06	-0.38	26.53	<=34.77	Pass	
			7	29.27	-0.38	26.74	<=34.77	Pass	
			14	29.09	-0.38	26.56	<=34.77	Pass	
		8	0	28.07	-0.38	25.54	<=34.77	Pass	
			4	28.11	-0.38	25.58	<=34.77	Pass	
			7	28.10	-0.38	25.57	<=34.77	Pass	
		15	0	28.07	-0.38	25.54	<=34.77	Pass	
		707.5	1	0	29.07	-0.38	26.54	<=34.77	Pass
				7	29.22	-0.38	26.69	<=34.77	Pass
	14			29.06	-0.38	26.53	<=34.77	Pass	
	8		0	28.09	-0.38	25.56	<=34.77	Pass	
			4	28.11	-0.38	25.58	<=34.77	Pass	
			7	28.06	-0.38	25.53	<=34.77	Pass	
	15	0	28.06	-0.38	25.53	<=34.77	Pass		
	714.5	1	0	29.06	-0.38	26.53	<=34.77	Pass	
			7	29.17	-0.38	26.64	<=34.77	Pass	
			14	28.67	-0.38	26.14	<=34.77	Pass	
		8	0	27.63	-0.38	25.10	<=34.77	Pass	
			4	28.06	-0.38	25.53	<=34.77	Pass	
			7	27.84	-0.38	25.31	<=34.77	Pass	
		15	0	27.93	-0.38	25.40	<=34.77	Pass	
16QAM		700.5	1	0	28.04	-0.38	25.51	<=34.77	Pass
				7	28.29	-0.38	25.76	<=34.77	Pass
	14			28.07	-0.38	25.54	<=34.77	Pass	
	8		0	27.08	-0.38	24.55	<=34.77	Pass	
			4	27.18	-0.38	24.65	<=34.77	Pass	
			7	27.12	-0.38	24.59	<=34.77	Pass	
	15		0	27.05	-0.38	24.52	<=34.77	Pass	
	707.5	1	0	28.24	-0.38	25.71	<=34.77	Pass	
			7	28.39	-0.38	25.86	<=34.77	Pass	
			14	28.20	-0.38	25.67	<=34.77	Pass	
		8	0	27.09	-0.38	24.56	<=34.77	Pass	
			4	27.13	-0.38	24.60	<=34.77	Pass	
			7	27.08	-0.38	24.55	<=34.77	Pass	
	15	0	27.05	-0.38	24.52	<=34.77	Pass		
	714.5	1	0	28.45	-0.38	25.92	<=34.77	Pass	
			7	28.56	-0.38	26.03	<=34.77	Pass	
			14	28.27	-0.38	25.74	<=34.77	Pass	
		8	0	26.89	-0.38	24.36	<=34.77	Pass	
			4	27.22	-0.38	24.69	<=34.77	Pass	
			7	27.23	-0.38	24.70	<=34.77	Pass	
		15	0	27.10	-0.38	24.57	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	28.93	-0.38	26.40	<=34.77	Pass
			13	29.08	-0.38	26.55	<=34.77	Pass
			24	28.99	-0.38	26.46	<=34.77	Pass
		12	0	27.97	-0.38	25.44	<=34.77	Pass
			6	28.10	-0.38	25.57	<=34.77	Pass
			13	28.06	-0.38	25.53	<=34.77	Pass

	707.5	25	0	27.98	-0.38	25.45	<=34.77	Pass	
		1	0	28.92	-0.38	26.39	<=34.77	Pass	
			13	29.11	-0.38	26.58	<=34.77	Pass	
			24	28.95	-0.38	26.42	<=34.77	Pass	
			0	27.92	-0.38	25.39	<=34.77	Pass	
		12	6	27.79	-0.38	25.26	<=34.77	Pass	
			13	27.66	-0.38	25.13	<=34.77	Pass	
			25	0	27.64	-0.38	25.11	<=34.77	Pass
		713.5	1	0	28.71	-0.38	26.18	<=34.77	Pass
				13	28.61	-0.38	26.08	<=34.77	Pass
	24			28.47	-0.38	25.94	<=34.77	Pass	
	12		0	27.56	-0.38	25.03	<=34.77	Pass	
			6	27.64	-0.38	25.11	<=34.77	Pass	
			13	27.46	-0.38	24.93	<=34.77	Pass	
	25	0	27.49	-0.38	24.96	<=34.77	Pass		
	16QAM	701.5	1	0	28.03	-0.38	25.50	<=34.77	Pass
13				28.20	-0.38	25.67	<=34.77	Pass	
24				28.11	-0.38	25.58	<=34.77	Pass	
12			0	26.89	-0.38	24.36	<=34.77	Pass	
			6	27.04	-0.38	24.51	<=34.77	Pass	
			13	27.02	-0.38	24.49	<=34.77	Pass	
25			0	26.98	-0.38	24.45	<=34.77	Pass	
707.5			1	0	27.70	-0.38	25.17	<=34.77	Pass
		13		27.90	-0.38	25.37	<=34.77	Pass	
		24		27.81	-0.38	25.28	<=34.77	Pass	
		12	0	26.65	-0.38	24.12	<=34.77	Pass	
			6	26.65	-0.38	24.12	<=34.77	Pass	
			13	26.63	-0.38	24.10	<=34.77	Pass	
		25	0	26.65	-0.38	24.12	<=34.77	Pass	
		713.5	1	0	27.39	-0.38	24.86	<=34.77	Pass
13				27.47	-0.38	24.94	<=34.77	Pass	
24				27.34	-0.38	24.81	<=34.77	Pass	
12			0	26.47	-0.38	23.94	<=34.77	Pass	
			6	26.58	-0.38	24.05	<=34.77	Pass	
			13	26.42	-0.38	23.89	<=34.77	Pass	
25			0	26.60	-0.38	24.07	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	28.99	-0.38	26.46	<=34.77	Pass
			25	29.22	-0.38	26.69	<=34.77	Pass
			49	29.11	-0.38	26.58	<=34.77	Pass
		25	0	27.99	-0.38	25.46	<=34.77	Pass
			13	28.09	-0.38	25.56	<=34.77	Pass
			25	27.98	-0.38	25.45	<=34.77	Pass
		50	0	27.99	-0.38	25.46	<=34.77	Pass
	707.5	1	0	28.99	-0.38	26.46	<=34.77	Pass
			25	28.93	-0.38	26.40	<=34.77	Pass
			49	28.59	-0.38	26.06	<=34.77	Pass
		25	0	27.81	-0.38	25.28	<=34.77	Pass
			13	27.62	-0.38	25.09	<=34.77	Pass
			25	27.73	-0.38	25.20	<=34.77	Pass
		50	0	27.73	-0.38	25.20	<=34.77	Pass

16QAM	711	1	0	28.51	-0.38	25.98	<=34.77	Pass	
			25	28.65	-0.38	26.12	<=34.77	Pass	
			49	28.57	-0.38	26.04	<=34.77	Pass	
		25	0	27.62	-0.38	25.09	<=34.77	Pass	
			13	27.66	-0.38	25.13	<=34.77	Pass	
			25	27.63	-0.38	25.10	<=34.77	Pass	
		50	0	27.62	-0.38	25.09	<=34.77	Pass	
		704	1	0	27.92	-0.38	25.39	<=34.77	Pass
				25	28.18	-0.38	25.65	<=34.77	Pass
49	27.78			-0.38	25.25	<=34.77	Pass		
25	0		26.72	-0.38	24.19	<=34.77	Pass		
	13		27.05	-0.38	24.52	<=34.77	Pass		
	25		26.84	-0.38	24.31	<=34.77	Pass		
50	0		26.91	-0.38	24.38	<=34.77	Pass		
707.5	1		0	27.68	-0.38	25.15	<=34.77	Pass	
			25	27.94	-0.38	25.41	<=34.77	Pass	
			49	27.76	-0.38	25.23	<=34.77	Pass	
	25		0	26.78	-0.38	24.25	<=34.77	Pass	
			13	26.64	-0.38	24.11	<=34.77	Pass	
			25	26.72	-0.38	24.19	<=34.77	Pass	
	50		0	26.76	-0.38	24.23	<=34.77	Pass	
	711		1	0	28.11	-0.38	25.58	<=34.77	Pass
				25	28.32	-0.38	25.79	<=34.77	Pass
49				28.10	-0.38	25.57	<=34.77	Pass	
25			0	26.68	-0.38	24.15	<=34.77	Pass	
		13	26.70	-0.38	24.17	<=34.77	Pass		
		25	26.68	-0.38	24.15	<=34.77	Pass		
50		0	26.63	-0.38	24.10	<=34.77	Pass		
Note1: ERP=Conducted Power+Antenna Gain-2.15									

2. Frequency Stability

2.1 Test Result

2.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	699.7	6	0	20	3.27	-10.672	-0.0153	-2.5 to 2.5	Pass
					3.85	-4.635	-0.0066	-2.5 to 2.5	Pass
					4.43	-4.406	-0.0063	-2.5 to 2.5	Pass
				-30	3.85	-5.035	-0.0072	-2.5 to 2.5	Pass
				-20	3.85	-6.394	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-1.359	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-9.212	-0.0132	-2.5 to 2.5	Pass
				10	3.85	-4.950	-0.0071	-2.5 to 2.5	Pass
				30	3.85	-4.592	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-6.666	-0.0095	-2.5 to 2.5	Pass
				50	3.85	-8.383	-0.0120	-2.5 to 2.5	Pass
				707.5	6	0	20	3.27	-8.254
	3.85	-3.219	-0.0045					-2.5 to 2.5	Pass
	4.43	-5.193	-0.0073					-2.5 to 2.5	Pass
	-30	3.85	-6.437				-0.0091	-2.5 to 2.5	Pass
	-20	3.85	-4.077				-0.0058	-2.5 to 2.5	Pass
	-10	3.85	-4.349				-0.0061	-2.5 to 2.5	Pass

				0	3.85	-5.836	-0.0082	-2.5 to 2.5	Pass
				10	3.85	-5.665	-0.0080	-2.5 to 2.5	Pass
				30	3.85	-5.636	-0.0080	-2.5 to 2.5	Pass
				40	3.85	-4.406	-0.0062	-2.5 to 2.5	Pass
				50	3.85	-4.592	-0.0065	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-6.638	-0.0093	-2.5 to 2.5	Pass
					3.85	-6.938	-0.0097	-2.5 to 2.5	Pass
					4.43	-2.933	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-3.648	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-2.260	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-5.422	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-3.247	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-5.765	-0.0081	-2.5 to 2.5	Pass
				30	3.85	-4.420	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-4.520	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-4.835	-0.0068	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.27	-8.483	-0.0121	-2.5 to 2.5	Pass
					3.85	-6.766	-0.0097	-2.5 to 2.5	Pass
					4.43	-2.189	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-6.080	-0.0087	-2.5 to 2.5	Pass
				-20	3.85	-5.722	-0.0082	-2.5 to 2.5	Pass
				-10	3.85	-3.419	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-9.828	-0.0140	-2.5 to 2.5	Pass
				10	3.85	-7.825	-0.0112	-2.5 to 2.5	Pass
				30	3.85	-6.309	-0.0090	-2.5 to 2.5	Pass
				40	3.85	-10.858	-0.0155	-2.5 to 2.5	Pass
				50	3.85	-10.986	-0.0157	-2.5 to 2.5	Pass
	707.5	6	0	20	3.27	-2.861	-0.0040	-2.5 to 2.5	Pass
					3.85	-6.595	-0.0093	-2.5 to 2.5	Pass
					4.43	-5.651	-0.0080	-2.5 to 2.5	Pass
				-30	3.85	-5.221	-0.0074	-2.5 to 2.5	Pass
				-20	3.85	-6.294	-0.0089	-2.5 to 2.5	Pass
				-10	3.85	-8.969	-0.0127	-2.5 to 2.5	Pass
				0	3.85	-2.747	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-2.775	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-1.416	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-6.437	-0.0091	-2.5 to 2.5	Pass
	715.3	6	0	20	3.27	-3.905	-0.0055	-2.5 to 2.5	Pass
					3.85	0.129	0.0002	-2.5 to 2.5	Pass
					4.43	-6.065	-0.0085	-2.5 to 2.5	Pass
				-30	3.85	-7.310	-0.0102	-2.5 to 2.5	Pass
				-20	3.85	-8.655	-0.0121	-2.5 to 2.5	Pass
				-10	3.85	-8.869	-0.0124	-2.5 to 2.5	Pass
				0	3.85	-7.052	-0.0099	-2.5 to 2.5	Pass
				10	3.85	-10.386	-0.0145	-2.5 to 2.5	Pass
				30	3.85	-4.420	-0.0062	-2.5 to 2.5	Pass
				40	3.85	-5.422	-0.0076	-2.5 to 2.5	Pass
				50	3.85	-2.432	-0.0034	-2.5 to 2.5	Pass

2.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	3.27	-3.319	-0.0047	-2.5 to 2.5	Pass
					3.85	-4.234	-0.0060	-2.5 to 2.5	Pass

					4.43	-2.632	-0.0038	-2.5 to 2.5	Pass	
				-30	3.85	-6.824	-0.0097	-2.5 to 2.5	Pass	
				-20	3.85	-4.420	-0.0063	-2.5 to 2.5	Pass	
				-10	3.85	-9.899	-0.0141	-2.5 to 2.5	Pass	
				0	3.85	-5.064	-0.0072	-2.5 to 2.5	Pass	
				10	3.85	-6.337	-0.0090	-2.5 to 2.5	Pass	
				30	3.85	-3.948	-0.0056	-2.5 to 2.5	Pass	
				40	3.85	-7.110	-0.0101	-2.5 to 2.5	Pass	
				50	3.85	-9.098	-0.0130	-2.5 to 2.5	Pass	
	707.5	15	0	20	3.27	-5.465	-0.0077	-2.5 to 2.5	Pass	
					3.85	-5.765	-0.0081	-2.5 to 2.5	Pass	
					4.43	-1.931	-0.0027	-2.5 to 2.5	Pass	
				-30	3.85	-3.390	-0.0048	-2.5 to 2.5	Pass	
				-20	3.85	-4.621	-0.0065	-2.5 to 2.5	Pass	
				-10	3.85	-8.540	-0.0121	-2.5 to 2.5	Pass	
				0	3.85	-7.768	-0.0110	-2.5 to 2.5	Pass	
				10	3.85	-3.805	-0.0054	-2.5 to 2.5	Pass	
				30	3.85	-6.151	-0.0087	-2.5 to 2.5	Pass	
	40	3.85	-5.579	-0.0079	-2.5 to 2.5	Pass				
	50	3.85	-3.633	-0.0051	-2.5 to 2.5	Pass				
	714.5	15	0	20	3.27	-7.524	-0.0105	-2.5 to 2.5	Pass	
					3.85	-3.119	-0.0044	-2.5 to 2.5	Pass	
					4.43	-4.377	-0.0061	-2.5 to 2.5	Pass	
				-30	3.85	-5.279	-0.0074	-2.5 to 2.5	Pass	
				-20	3.85	-4.950	-0.0069	-2.5 to 2.5	Pass	
				-10	3.85	-2.933	-0.0041	-2.5 to 2.5	Pass	
				0	3.85	-8.698	-0.0122	-2.5 to 2.5	Pass	
				10	3.85	-2.904	-0.0041	-2.5 to 2.5	Pass	
				30	3.85	-5.207	-0.0073	-2.5 to 2.5	Pass	
	40	3.85	-9.899	-0.0139	-2.5 to 2.5	Pass				
	50	3.85	-8.941	-0.0125	-2.5 to 2.5	Pass				
	16QAM	700.5	15	0	20	3.27	-10.042	-0.0143	-2.5 to 2.5	Pass
						3.85	-3.819	-0.0055	-2.5 to 2.5	Pass
4.43						-10.486	-0.0150	-2.5 to 2.5	Pass	
-30					3.85	-6.437	-0.0092	-2.5 to 2.5	Pass	
-20					3.85	-6.981	-0.0100	-2.5 to 2.5	Pass	
-10					3.85	-4.849	-0.0069	-2.5 to 2.5	Pass	
0					3.85	-5.722	-0.0082	-2.5 to 2.5	Pass	
10					3.85	-7.424	-0.0106	-2.5 to 2.5	Pass	
30					3.85	-8.111	-0.0116	-2.5 to 2.5	Pass	
40		3.85	-7.281	-0.0104	-2.5 to 2.5	Pass				
50		3.85	-8.411	-0.0120	-2.5 to 2.5	Pass				
707.5		15	0	20	3.27	-6.695	-0.0095	-2.5 to 2.5	Pass	
					3.85	-5.193	-0.0073	-2.5 to 2.5	Pass	
					4.43	-7.911	-0.0112	-2.5 to 2.5	Pass	
				-30	3.85	-5.107	-0.0072	-2.5 to 2.5	Pass	
				-20	3.85	-3.119	-0.0044	-2.5 to 2.5	Pass	
				-10	3.85	-5.207	-0.0074	-2.5 to 2.5	Pass	
				0	3.85	-3.219	-0.0045	-2.5 to 2.5	Pass	
				10	3.85	-3.619	-0.0051	-2.5 to 2.5	Pass	
				30	3.85	-3.161	-0.0045	-2.5 to 2.5	Pass	
40		3.85	-4.177	-0.0059	-2.5 to 2.5	Pass				
50		3.85	-2.189	-0.0031	-2.5 to 2.5	Pass				
714.5		15	0	20	3.27	-7.195	-0.0101	-2.5 to 2.5	Pass	
					3.85	-9.656	-0.0135	-2.5 to 2.5	Pass	
					4.43	-7.782	-0.0109	-2.5 to 2.5	Pass	
				-30	3.85	-8.311	-0.0116	-2.5 to 2.5	Pass	
				-20	3.85	-7.911	-0.0111	-2.5 to 2.5	Pass	
				-10	3.85	-8.211	-0.0115	-2.5 to 2.5	Pass	

				0	3.85	-7.167	-0.0100	-2.5 to 2.5	Pass
				10	3.85	-3.161	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-3.705	-0.0052	-2.5 to 2.5	Pass
				40	3.85	-4.520	-0.0063	-2.5 to 2.5	Pass
				50	3.85	-9.155	-0.0128	-2.5 to 2.5	Pass

2.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	3.27	-4.764	-0.0068	-2.5 to 2.5	Pass
					3.85	-5.894	-0.0084	-2.5 to 2.5	Pass
					4.43	-6.437	-0.0092	-2.5 to 2.5	Pass
				-30	3.85	-6.208	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-5.922	-0.0084	-2.5 to 2.5	Pass
				-10	3.85	-6.208	-0.0088	-2.5 to 2.5	Pass
				0	3.85	-9.441	-0.0135	-2.5 to 2.5	Pass
				10	3.85	-6.609	-0.0094	-2.5 to 2.5	Pass
				30	3.85	-6.995	-0.0100	-2.5 to 2.5	Pass
				40	3.85	-10.557	-0.0150	-2.5 to 2.5	Pass
				50	3.85	-4.334	-0.0062	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-9.842	-0.0139	-2.5 to 2.5	Pass
					3.85	-5.279	-0.0075	-2.5 to 2.5	Pass
					4.43	-1.860	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-2.718	-0.0038	-2.5 to 2.5	Pass
				-20	3.85	-1.860	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-4.764	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-5.922	-0.0084	-2.5 to 2.5	Pass
				10	3.85	-6.194	-0.0088	-2.5 to 2.5	Pass
				30	3.85	-2.246	-0.0032	-2.5 to 2.5	Pass
				40	3.85	-5.751	-0.0081	-2.5 to 2.5	Pass
				50	3.85	-4.191	-0.0059	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-4.921	-0.0069	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0073	-2.5 to 2.5	Pass
					4.43	-6.394	-0.0090	-2.5 to 2.5	Pass
				-30	3.85	-5.579	-0.0078	-2.5 to 2.5	Pass
				-20	3.85	-5.150	-0.0072	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0048	-2.5 to 2.5	Pass
				0	3.85	-4.549	-0.0064	-2.5 to 2.5	Pass
				10	3.85	-0.944	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-2.131	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-3.705	-0.0052	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.27	-5.407	-0.0077	-2.5 to 2.5	Pass
					3.85	-6.981	-0.0100	-2.5 to 2.5	Pass
					4.43	-4.520	-0.0064	-2.5 to 2.5	Pass
				-30	3.85	-4.878	-0.0070	-2.5 to 2.5	Pass
				-20	3.85	-7.339	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-6.852	-0.0098	-2.5 to 2.5	Pass
				0	3.85	-6.294	-0.0090	-2.5 to 2.5	Pass
				10	3.85	-5.922	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-7.095	-0.0101	-2.5 to 2.5	Pass
				40	3.85	-8.869	-0.0126	-2.5 to 2.5	Pass
				50	3.85	-5.651	-0.0081	-2.5 to 2.5	Pass
	707.5	25	0	20	3.27	-3.676	-0.0052	-2.5 to 2.5	Pass
					3.85	-4.606	-0.0065	-2.5 to 2.5	Pass

					4.43	-5.064	-0.0072	-2.5 to 2.5	Pass
				-30	3.85	-8.669	-0.0123	-2.5 to 2.5	Pass
				-20	3.85	-3.819	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-0.858	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.431	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-2.031	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-5.994	-0.0085	-2.5 to 2.5	Pass
				50	3.85	-4.106	-0.0058	-2.5 to 2.5	Pass
	713.5	25	0	20	3.27	-7.396	-0.0104	-2.5 to 2.5	Pass
					3.85	-12.159	-0.0170	-2.5 to 2.5	Pass
					4.43	-4.663	-0.0065	-2.5 to 2.5	Pass
				-30	3.85	-7.696	-0.0108	-2.5 to 2.5	Pass
				-20	3.85	-9.456	-0.0133	-2.5 to 2.5	Pass
				-10	3.85	-6.838	-0.0096	-2.5 to 2.5	Pass
				0	3.85	-6.666	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-3.448	-0.0048	-2.5 to 2.5	Pass
				30	3.85	-2.704	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-5.608	-0.0079	-2.5 to 2.5	Pass
				50	3.85	-5.765	-0.0081	-2.5 to 2.5	Pass

2.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.27	-6.022	-0.0086	-2.5 to 2.5	Pass
					3.85	-5.050	-0.0072	-2.5 to 2.5	Pass
					4.43	-4.234	-0.0060	-2.5 to 2.5	Pass
				-30	3.85	-6.423	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-8.039	-0.0114	-2.5 to 2.5	Pass
				-10	3.85	-7.467	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-9.413	-0.0134	-2.5 to 2.5	Pass
				10	3.85	-9.041	-0.0128	-2.5 to 2.5	Pass
				30	3.85	-7.868	-0.0112	-2.5 to 2.5	Pass
				40	3.85	-6.881	-0.0098	-2.5 to 2.5	Pass
				50	3.85	-8.483	-0.0120	-2.5 to 2.5	Pass
	707.5	50	0	20	3.27	-4.950	-0.0070	-2.5 to 2.5	Pass
					3.85	-4.134	-0.0058	-2.5 to 2.5	Pass
					4.43	-5.908	-0.0084	-2.5 to 2.5	Pass
				-30	3.85	-5.665	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-3.276	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-7.467	-0.0106	-2.5 to 2.5	Pass
				0	3.85	-4.263	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-5.965	-0.0084	-2.5 to 2.5	Pass
				30	3.85	-7.510	-0.0106	-2.5 to 2.5	Pass
				40	3.85	-7.625	-0.0108	-2.5 to 2.5	Pass
				50	3.85	-6.509	-0.0092	-2.5 to 2.5	Pass
	711	50	0	20	3.27	-6.952	-0.0098	-2.5 to 2.5	Pass
					3.85	-6.652	-0.0094	-2.5 to 2.5	Pass
					4.43	-5.765	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-5.035	-0.0071	-2.5 to 2.5	Pass
				-20	3.85	-7.095	-0.0100	-2.5 to 2.5	Pass
				-10	3.85	-4.878	-0.0069	-2.5 to 2.5	Pass
				0	3.85	-3.963	-0.0056	-2.5 to 2.5	Pass
				10	3.85	-0.916	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-3.362	-0.0047	-2.5 to 2.5	Pass

16QAM	704	50	0	40	3.85	-9.413	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-5.021	-0.0071	-2.5 to 2.5	Pass
				20	3.27	-9.298	-0.0132	-2.5 to 2.5	Pass
					3.85	-7.839	-0.0111	-2.5 to 2.5	Pass
					4.43	-6.795	-0.0097	-2.5 to 2.5	Pass
				-30	3.85	-10.500	-0.0149	-2.5 to 2.5	Pass
				-20	3.85	-7.625	-0.0108	-2.5 to 2.5	Pass
				-10	3.85	-10.529	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-6.452	-0.0092	-2.5 to 2.5	Pass
				10	3.85	-5.522	-0.0078	-2.5 to 2.5	Pass
	707.5	50	0	30	3.85	-3.576	-0.0051	-2.5 to 2.5	Pass
				40	3.85	-7.310	-0.0104	-2.5 to 2.5	Pass
				50	3.85	-5.965	-0.0085	-2.5 to 2.5	Pass
				20	3.27	-5.794	-0.0082	-2.5 to 2.5	Pass
					3.85	-8.640	-0.0122	-2.5 to 2.5	Pass
					4.43	-5.736	-0.0081	-2.5 to 2.5	Pass
				-30	3.85	-1.802	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-3.734	-0.0053	-2.5 to 2.5	Pass
				-10	3.85	-3.676	-0.0052	-2.5 to 2.5	Pass
				0	3.85	-4.106	-0.0058	-2.5 to 2.5	Pass
	711	50	0	10	3.85	-3.548	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-4.048	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-3.018	-0.0043	-2.5 to 2.5	Pass
				50	3.85	-3.791	-0.0054	-2.5 to 2.5	Pass
				20	3.27	-6.166	-0.0087	-2.5 to 2.5	Pass
					3.85	-9.098	-0.0128	-2.5 to 2.5	Pass
					4.43	-4.406	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-7.968	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-3.676	-0.0052	-2.5 to 2.5	Pass
				-10	3.85	-3.734	-0.0053	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	6	0	Refer To Test Graph		Pass
16QAM	707.5	6	0	Refer To Test Graph		Pass

3.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	15	0	Refer To Test Graph		Pass
16QAM	707.5	15	0	Refer To Test Graph		Pass

3.1.3 B12_5MHz

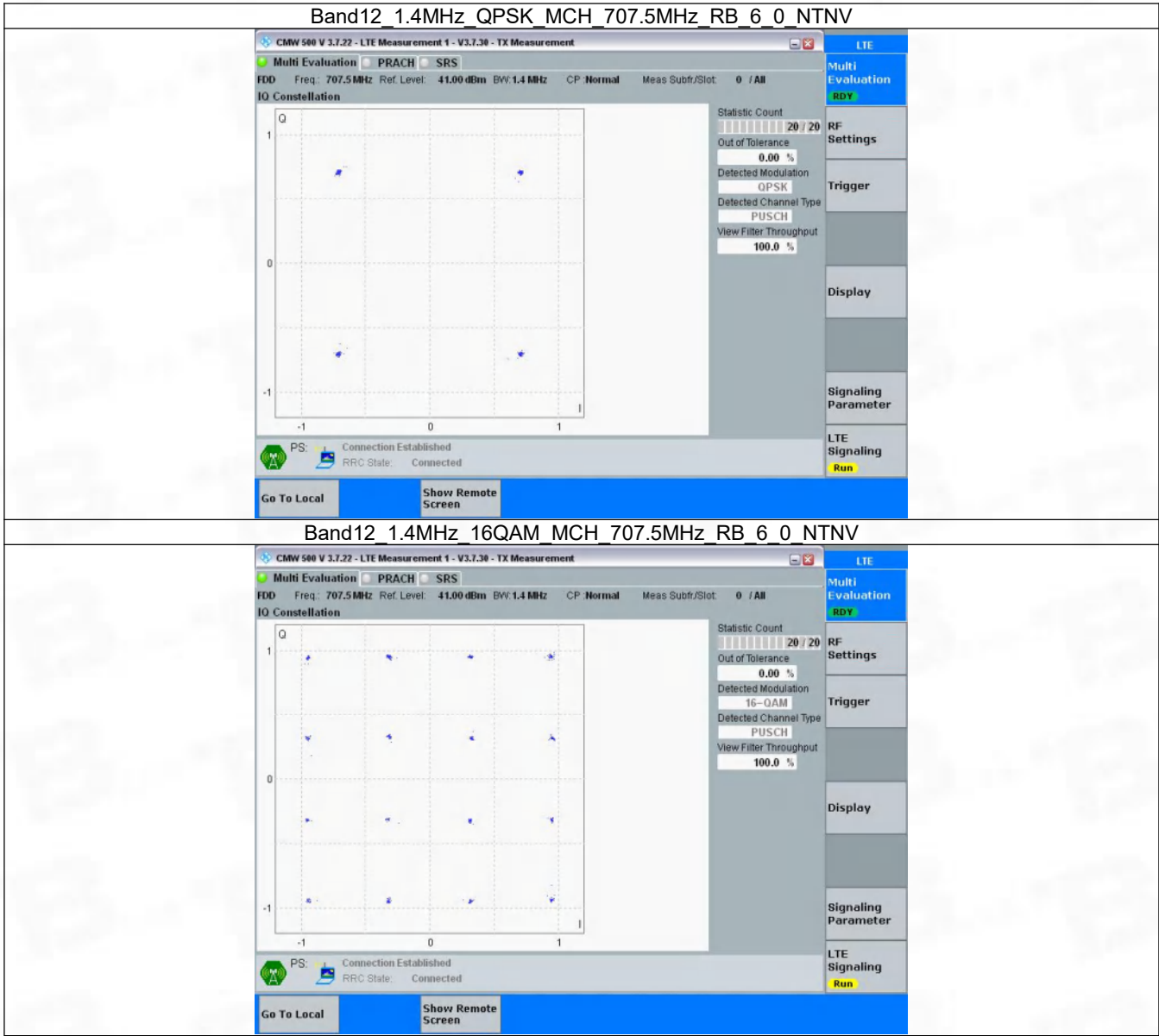
Band: 12 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	25	0	Refer To Test Graph		Pass
16QAM	707.5	25	0	Refer To Test Graph		Pass

3.1.4 B12_10MHz

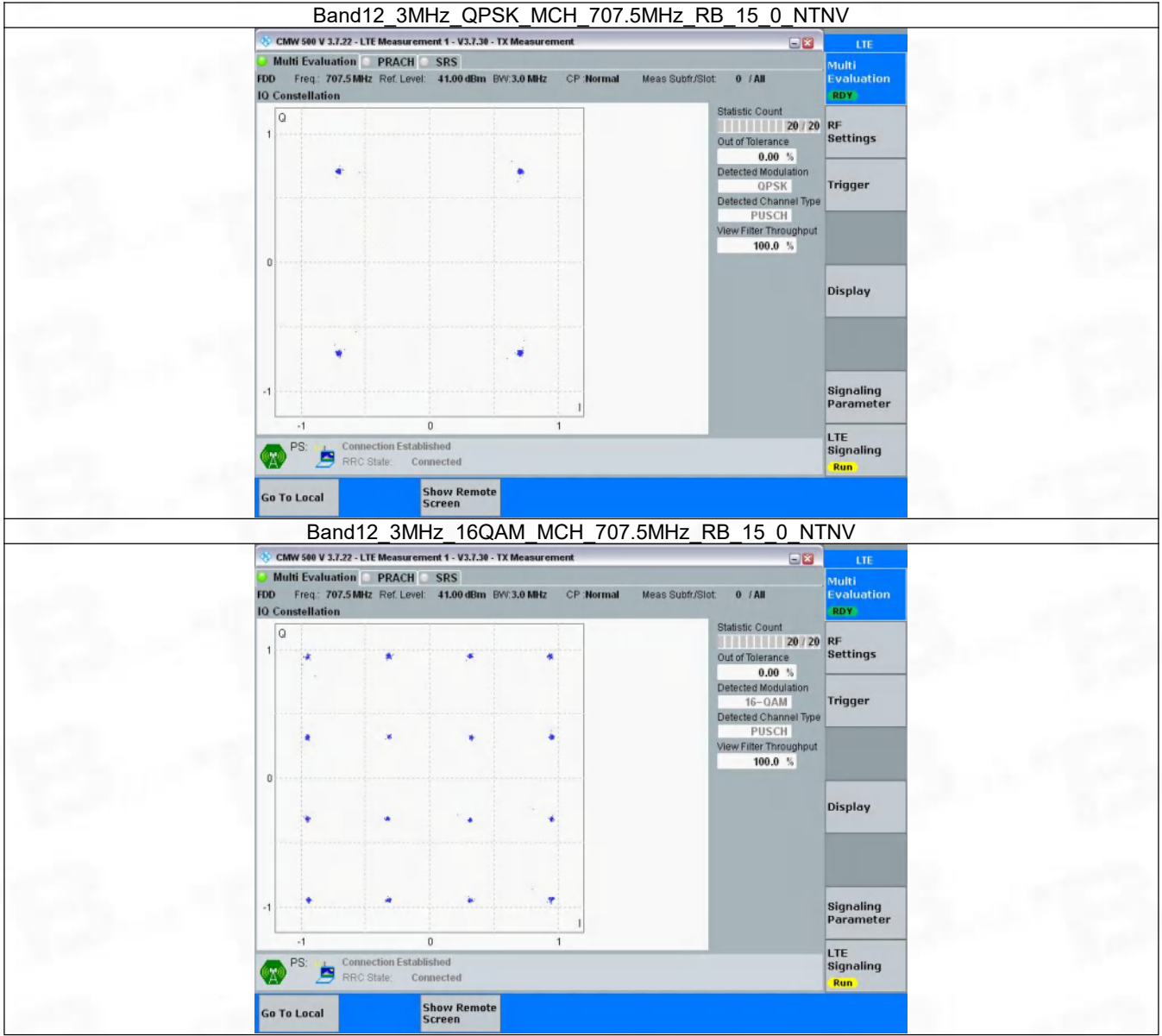
Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	707.5	50	0	Refer To Test Graph		Pass
16QAM	707.5	50	0	Refer To Test Graph		Pass

3.2 Test Graph

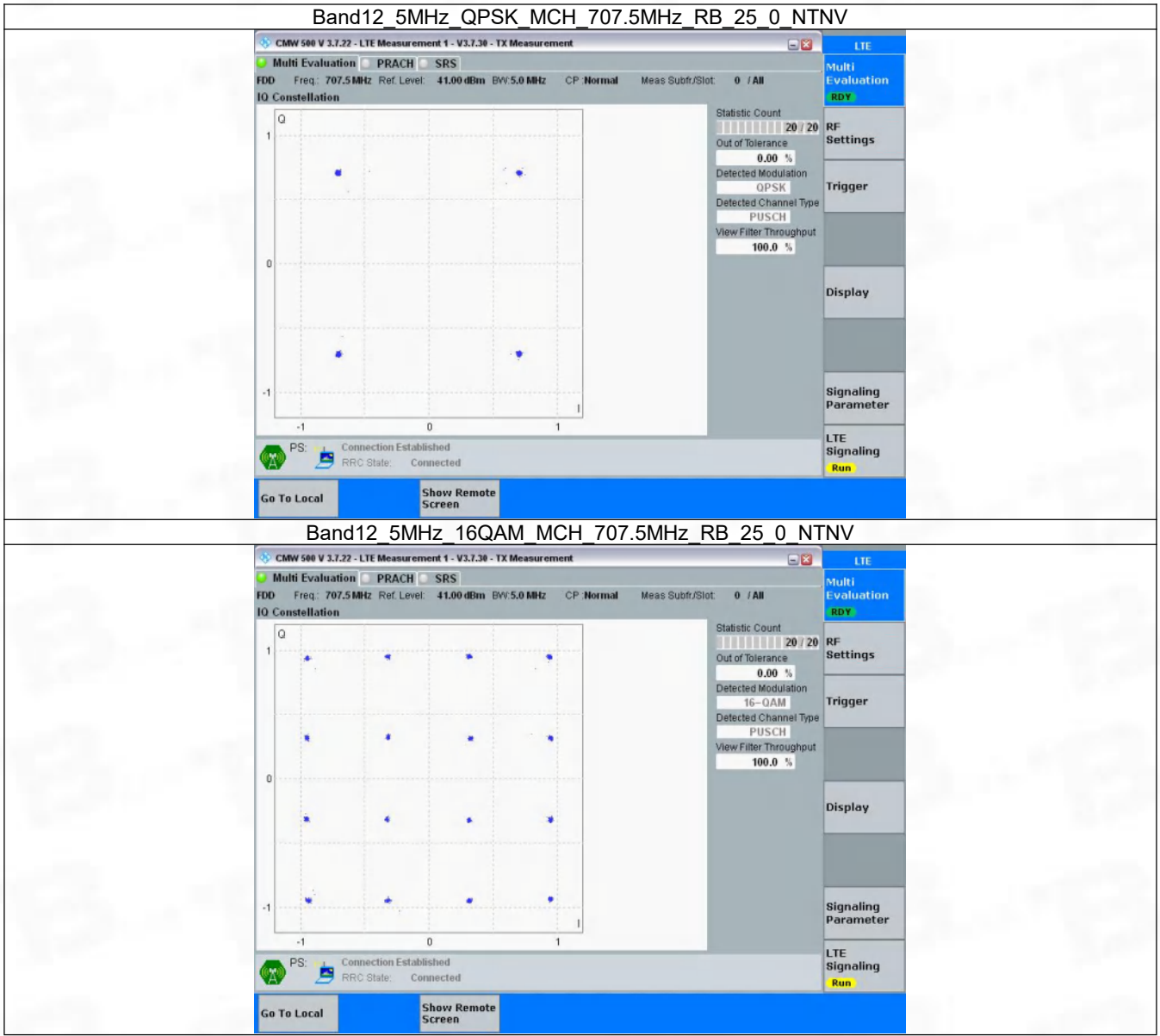
3.2.1 B12_1.4MHz



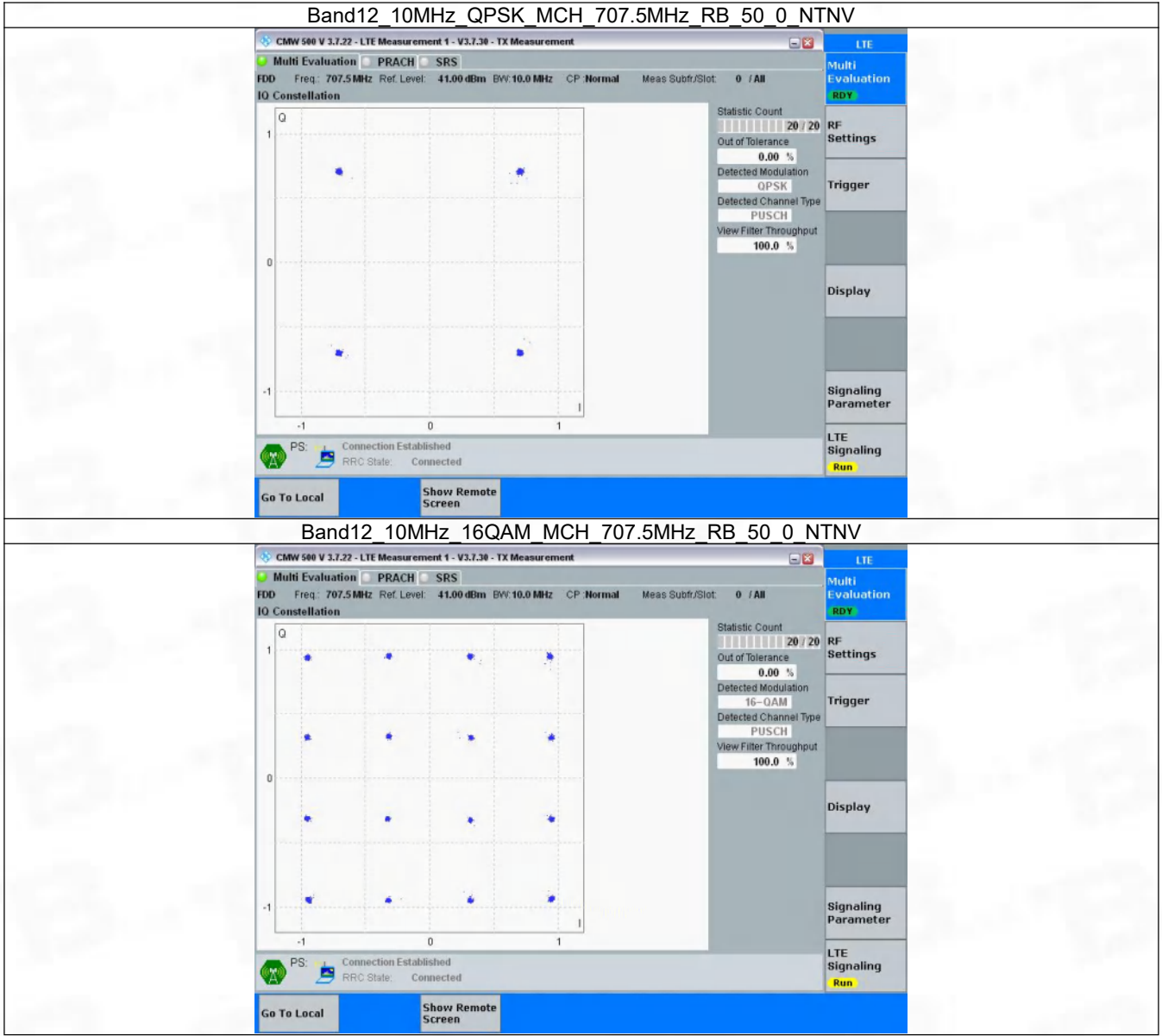
3.2.2 B12_3MHz



3.2.3 B12_5MHz



3.2.4 B12_10MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band12_OBW

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.118	/	Pass
		707.5	6	0	1.114	/	Pass
		715.3	6	0	1.107	/	Pass
	16QAM	699.7	6	0	1.110	/	Pass
		707.5	6	0	1.105	/	Pass
		715.3	6	0	1.112	/	Pass
3	QPSK	700.5	15	0	2.731	/	Pass
		707.5	15	0	2.738	/	Pass
		714.5	15	0	2.705	/	Pass
	16QAM	700.5	15	0	2.718	/	Pass
		707.5	15	0	2.720	/	Pass
		714.5	15	0	2.712	/	Pass
5	QPSK	701.5	25	0	4.563	/	Pass
		707.5	25	0	4.572	/	Pass
		713.5	25	0	4.566	/	Pass
	16QAM	701.5	25	0	4.571	/	Pass
		707.5	25	0	4.575	/	Pass
		713.5	25	0	4.546	/	Pass
10	QPSK	704	50	0	9.074	/	Pass
		707.5	50	0	9.074	/	Pass
		711	50	0	9.075	/	Pass
	16QAM	704	50	0	9.051	/	Pass
		707.5	50	0	9.102	/	Pass
		711	50	0	9.077	/	Pass

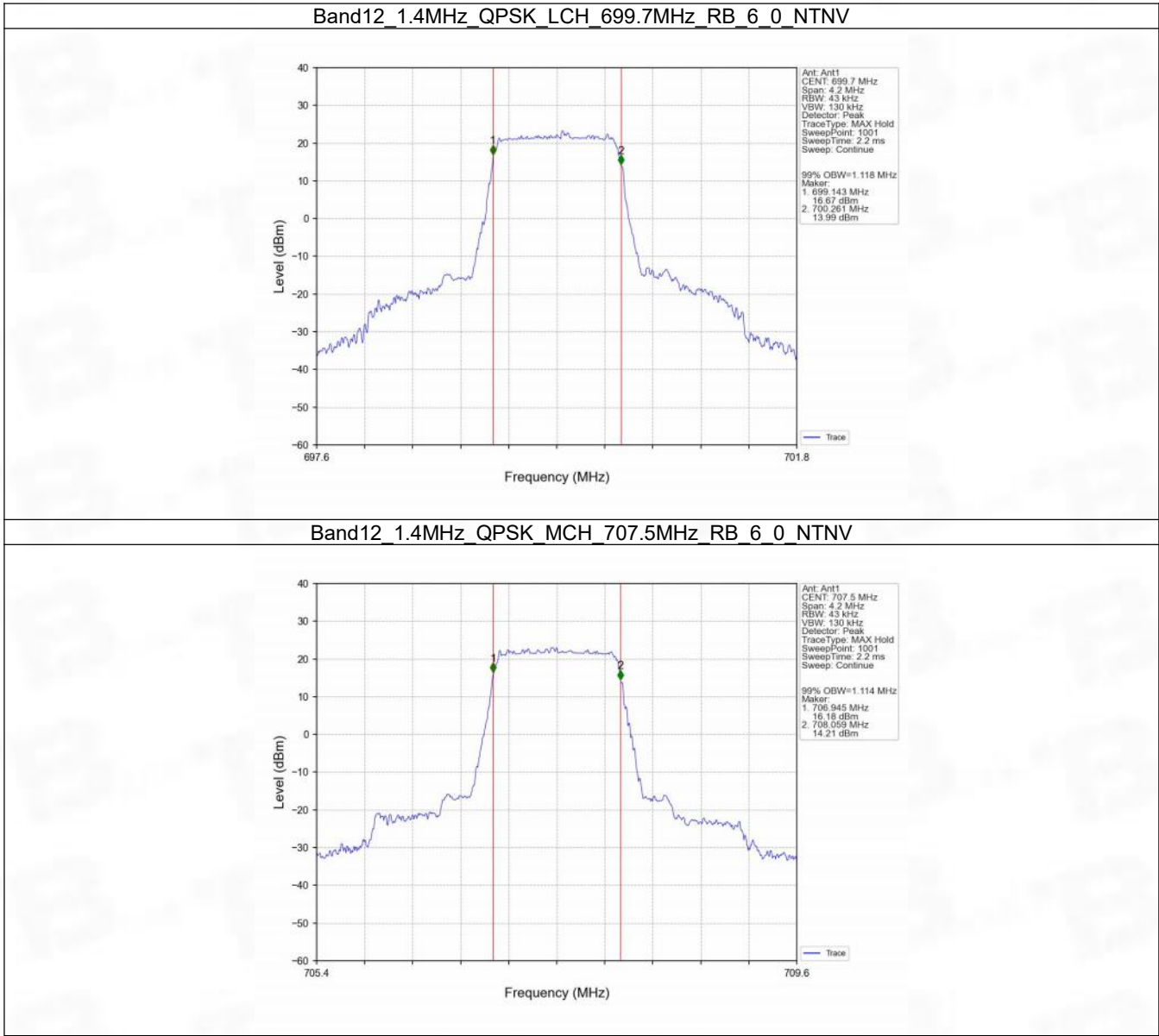
4.1.2 Band12_XDB

Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.310	/	Pass
		707.5	6	0	1.324	/	Pass
		715.3	6	0	1.304	/	Pass
	16QAM	699.7	6	0	1.324	/	Pass
		707.5	6	0	1.311	/	Pass
		715.3	6	0	1.335	/	Pass
3	QPSK	700.5	15	0	3.001	/	Pass
		707.5	15	0	3.002	/	Pass
		714.5	15	0	2.980	/	Pass
	16QAM	700.5	15	0	2.997	/	Pass
		707.5	15	0	2.975	/	Pass
		714.5	15	0	2.978	/	Pass
5	QPSK	701.5	25	0	5.272	/	Pass
		707.5	25	0	5.305	/	Pass
		713.5	25	0	5.298	/	Pass

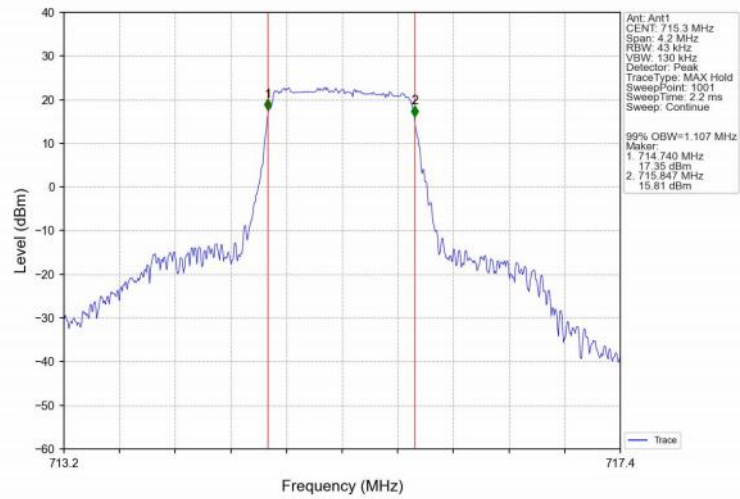
	16QAM	701.5	25	0	5.254	/	Pass
		707.5	25	0	5.236	/	Pass
		713.5	25	0	5.209	/	Pass
10	QPSK	704	50	0	10.236	/	Pass
		707.5	50	0	10.302	/	Pass
		711	50	0	10.365	/	Pass
	16QAM	704	50	0	10.257	/	Pass
		707.5	50	0	10.257	/	Pass
		711	50	0	10.171	/	Pass

4.2 Test Graph

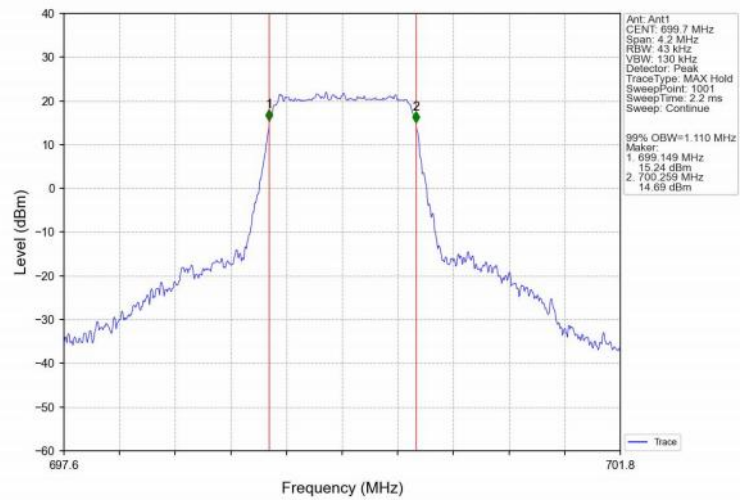
4.2.1 Band12_OBW



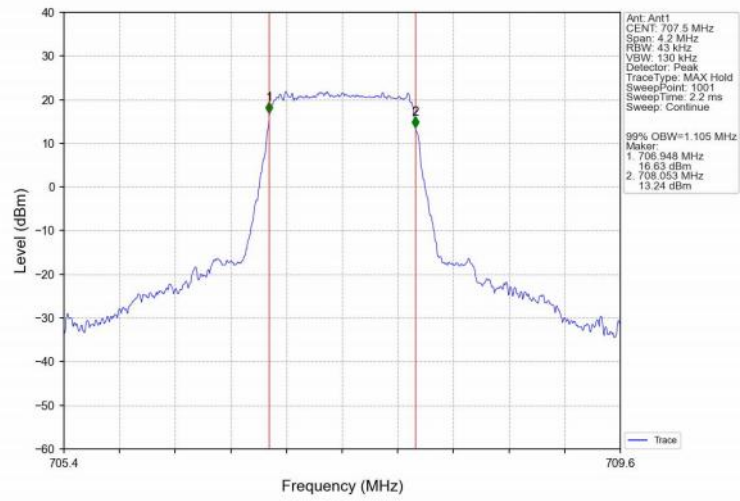
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



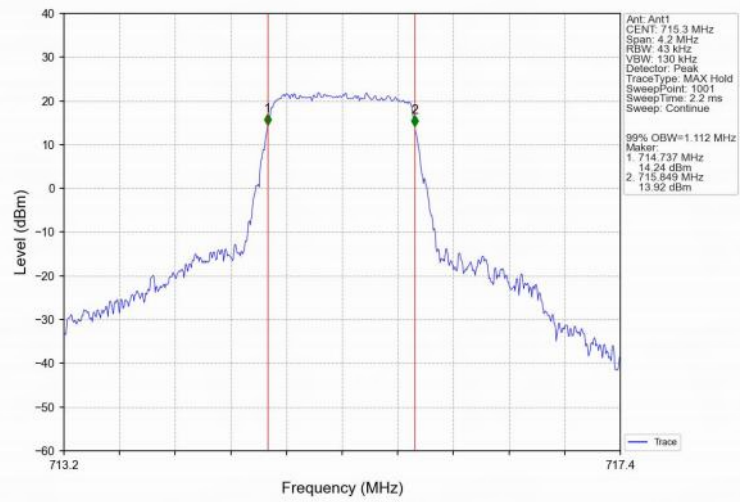
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



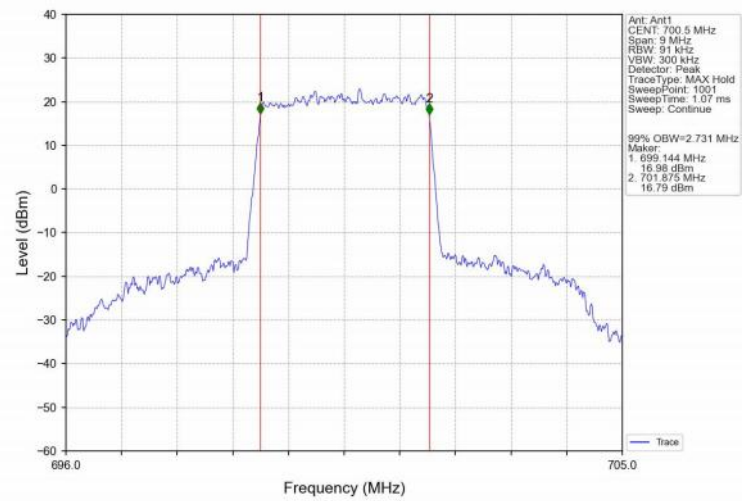
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



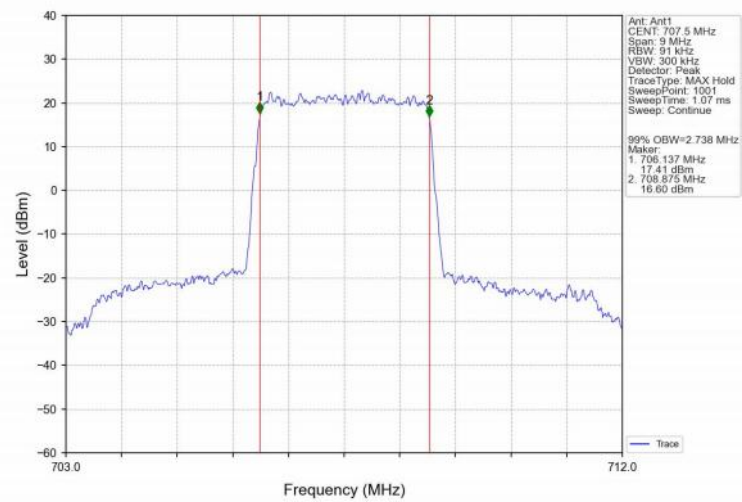
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



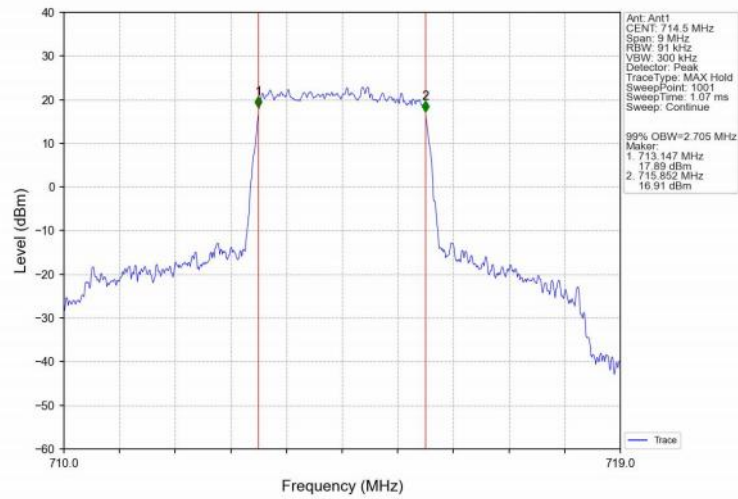
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



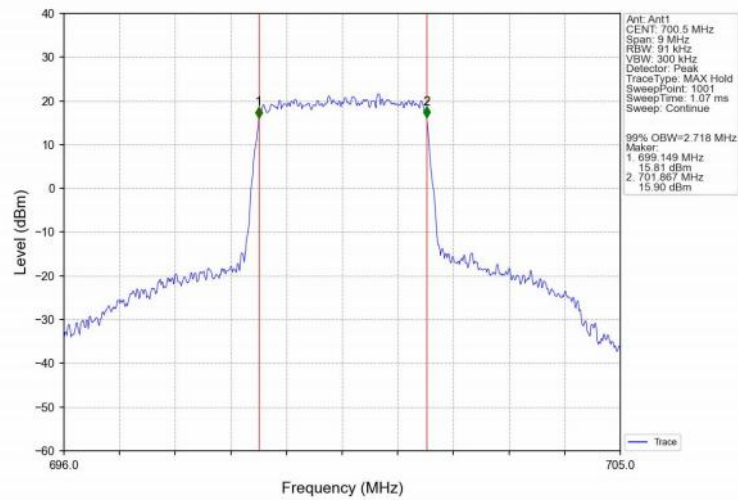
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



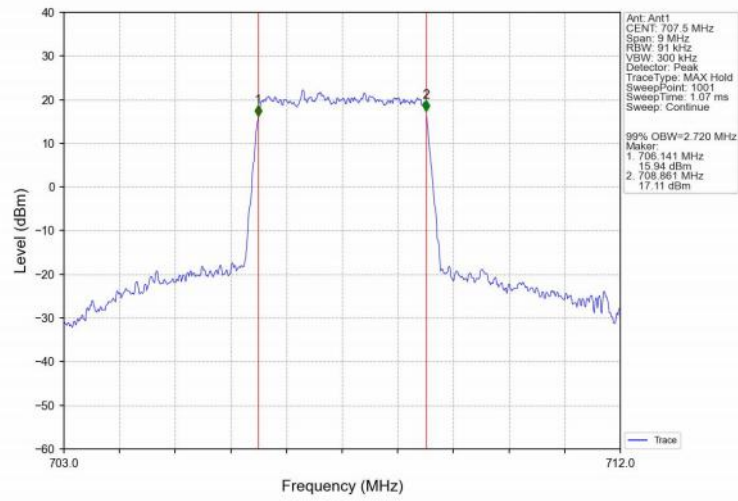
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



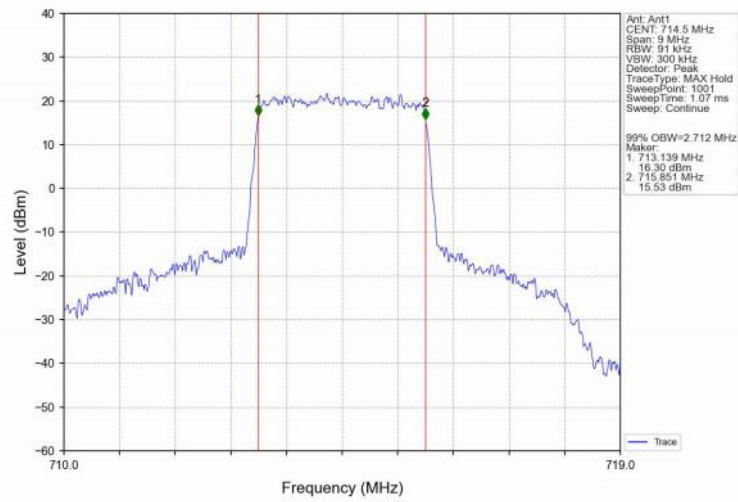
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



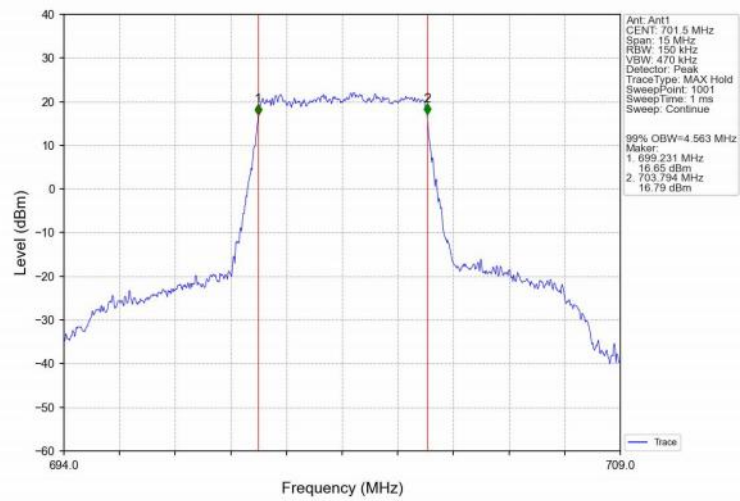
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



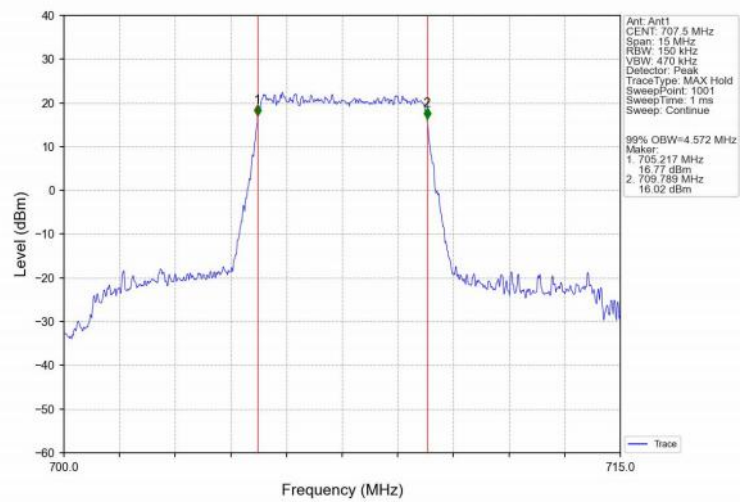
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



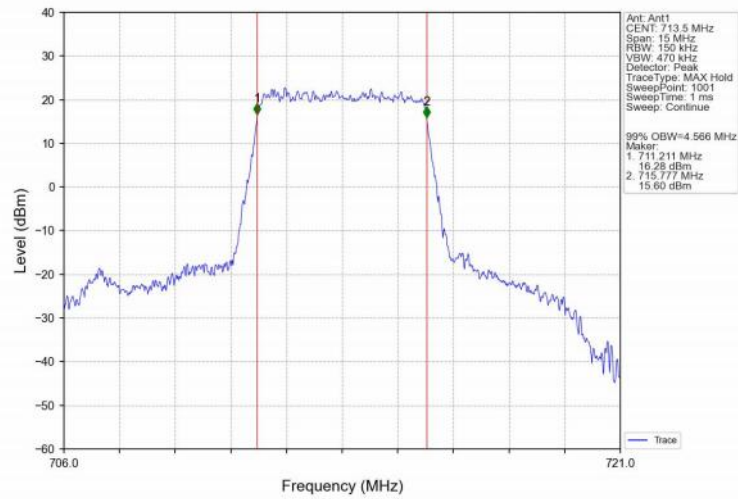
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



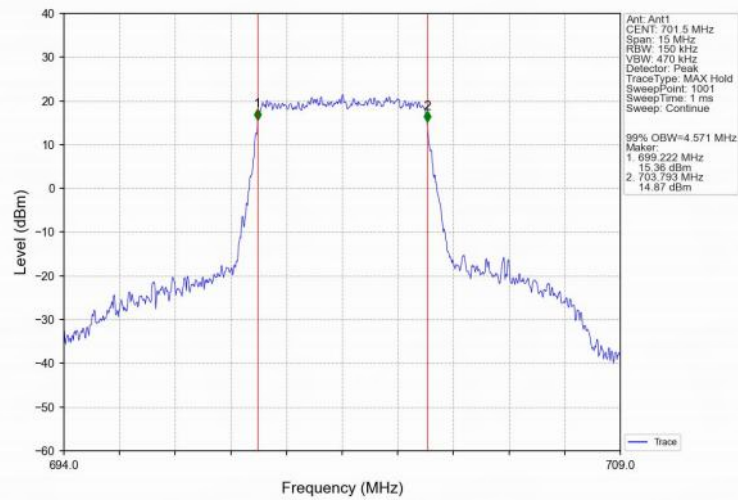
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



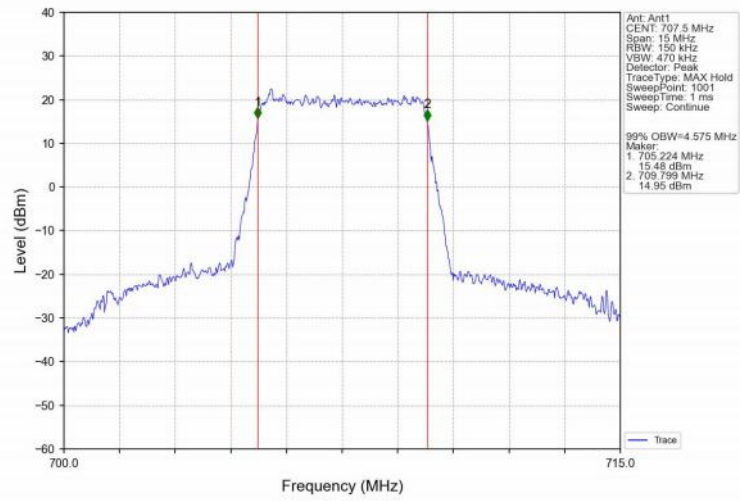
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



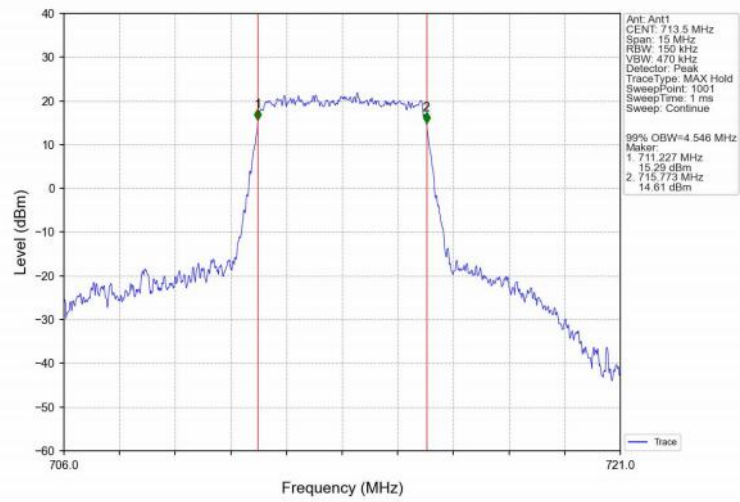
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



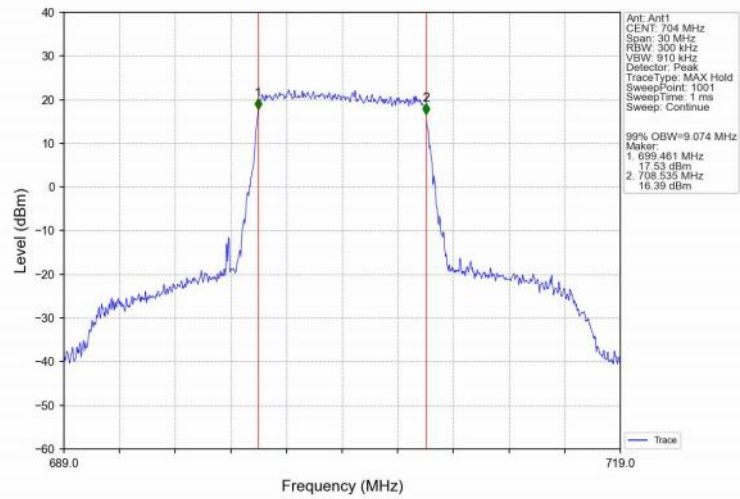
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



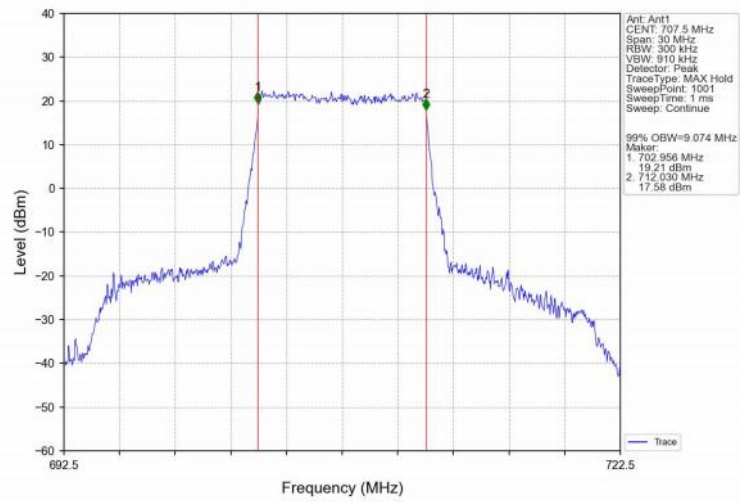
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



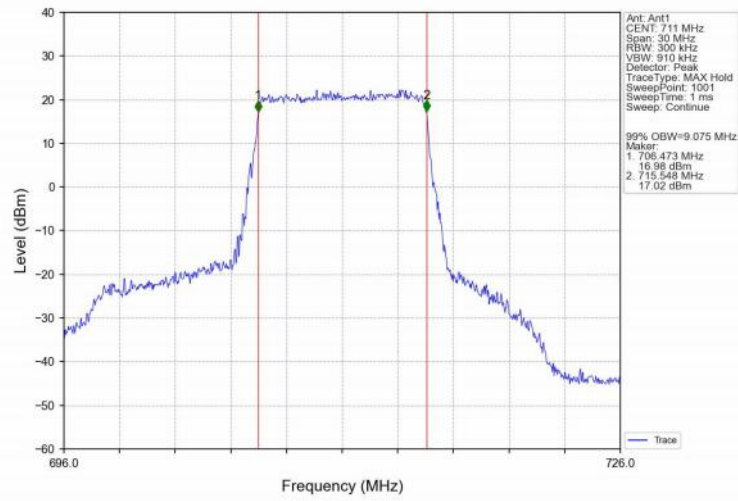
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



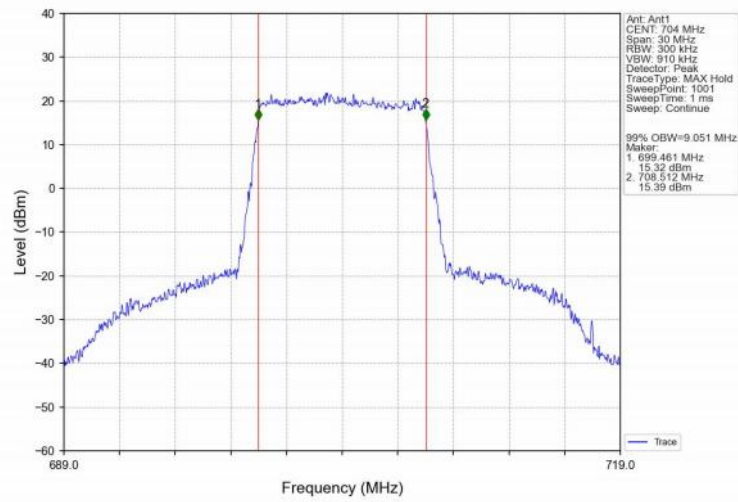
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



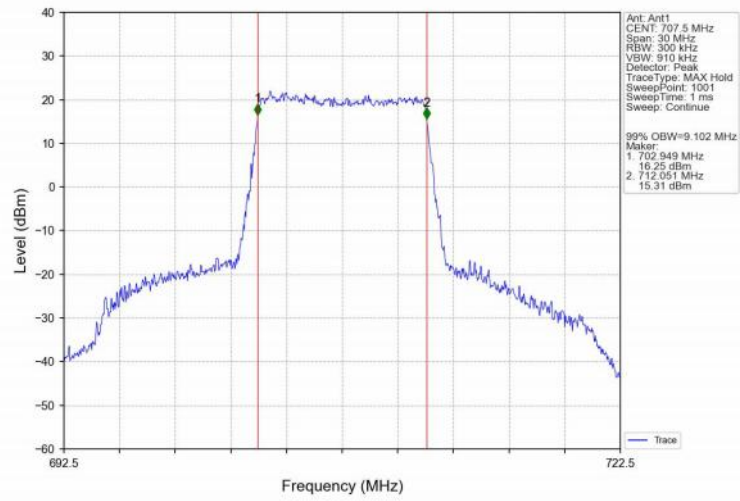
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



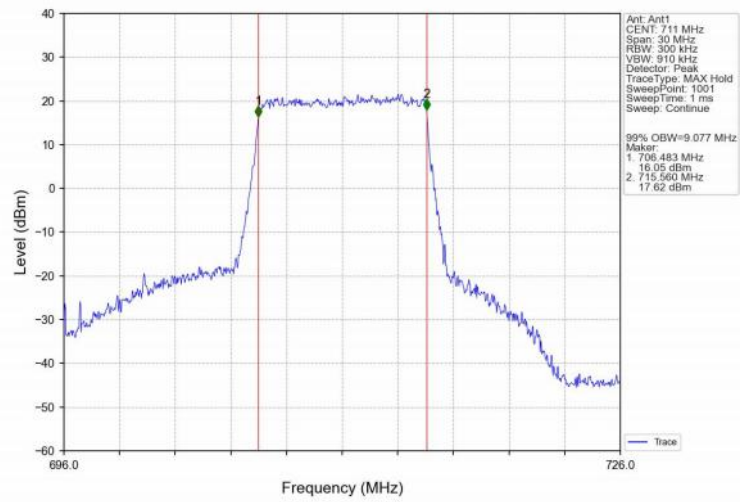
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV

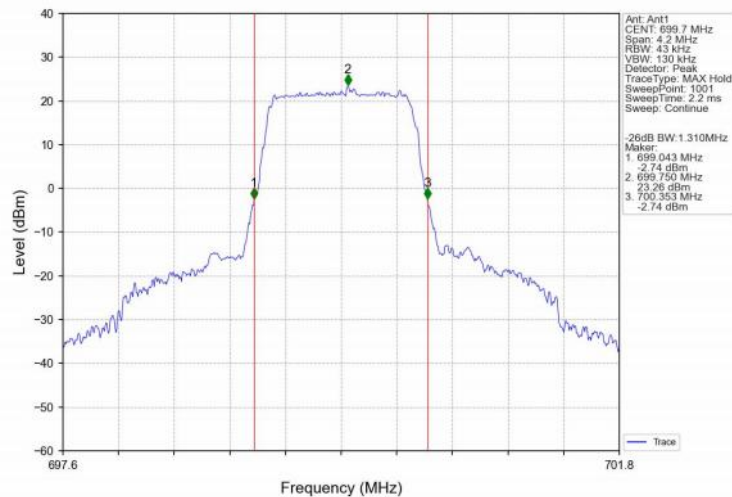


Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV

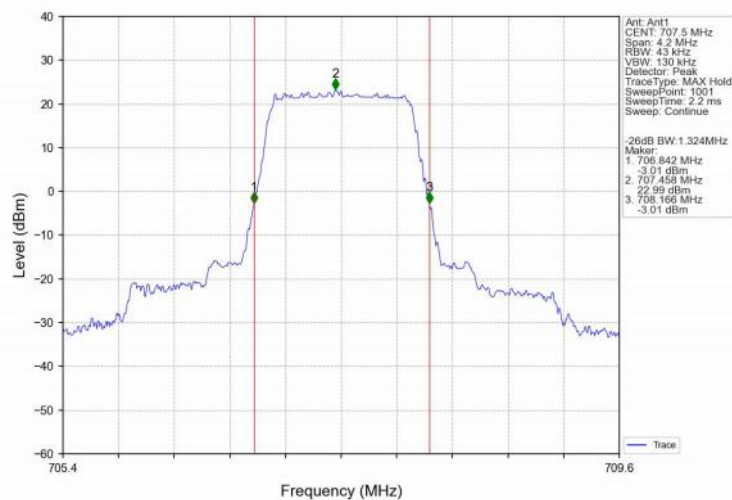


4.2.2 Band12_XDB

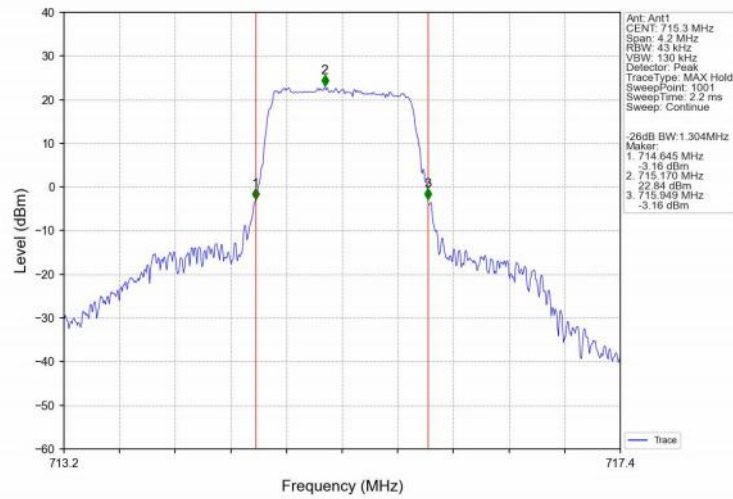
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV



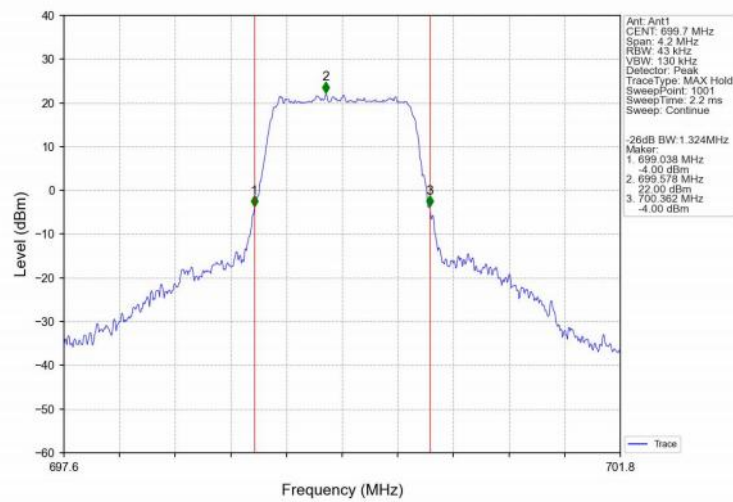
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_6_0_NTNV



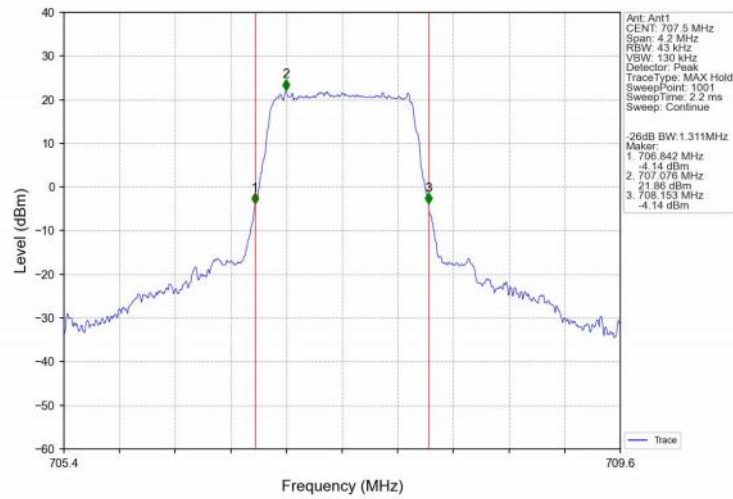
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



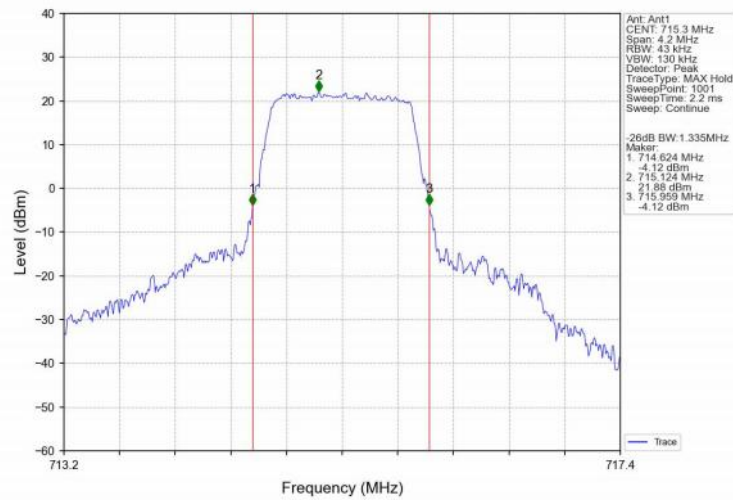
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



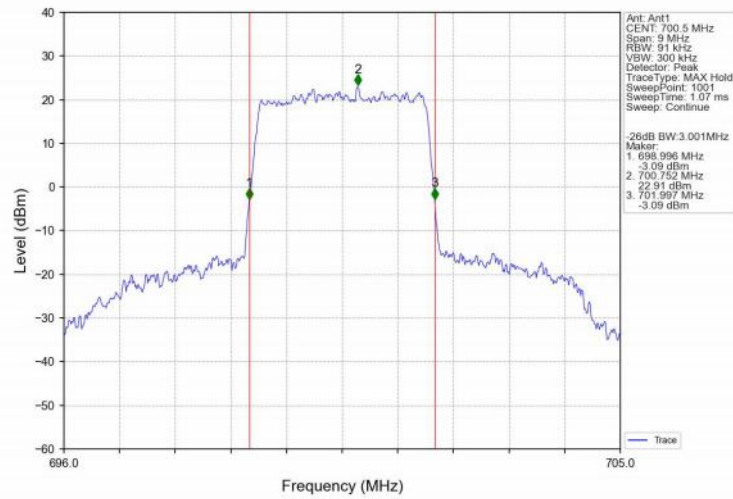
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



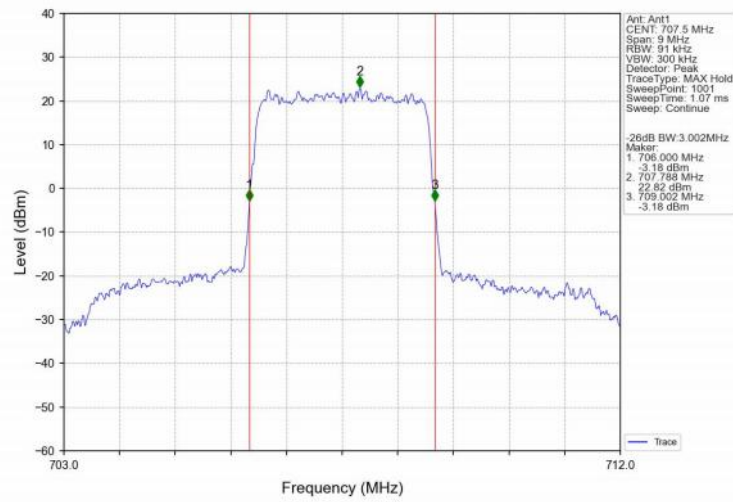
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



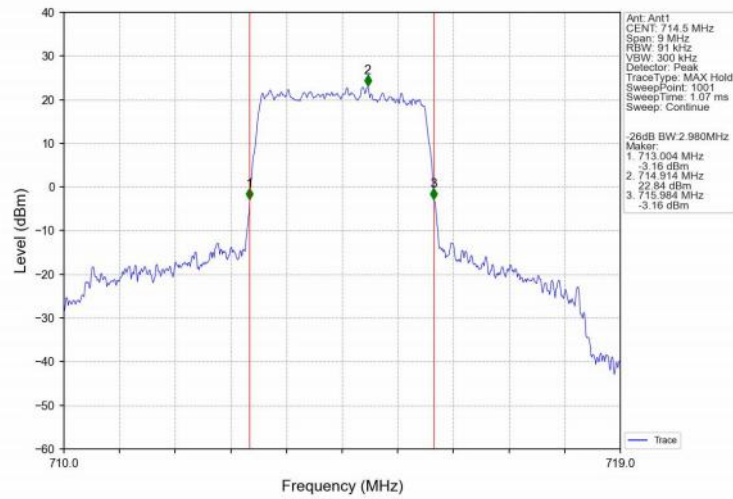
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



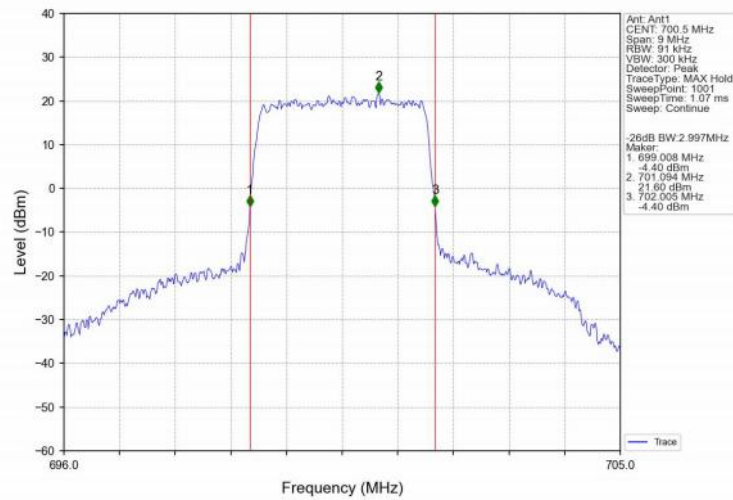
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



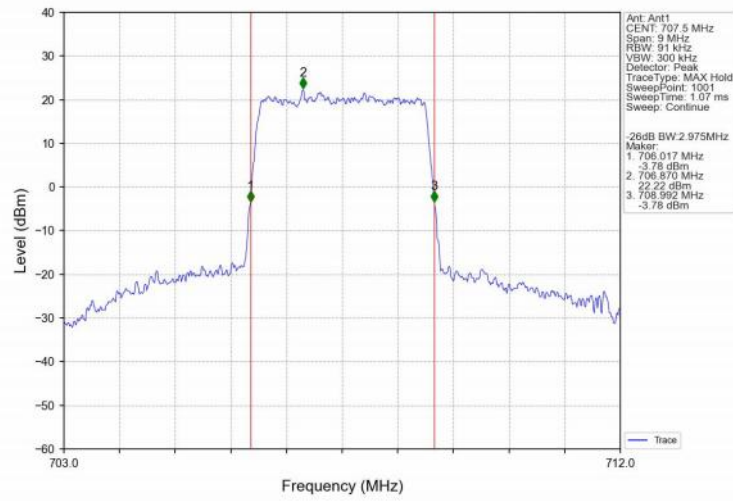
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



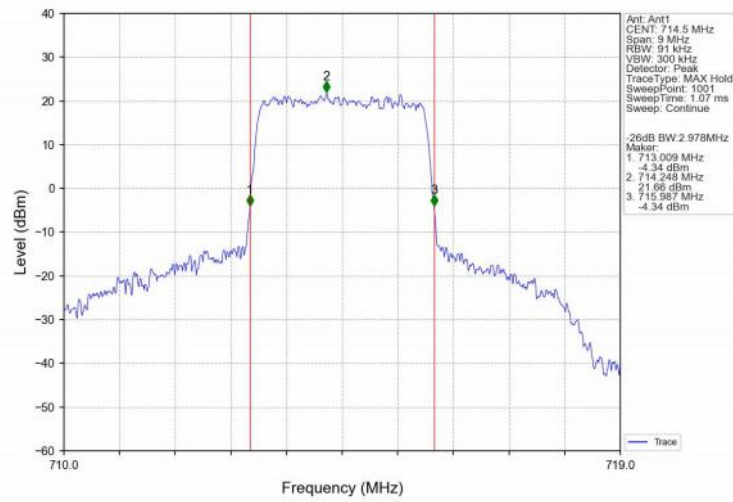
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



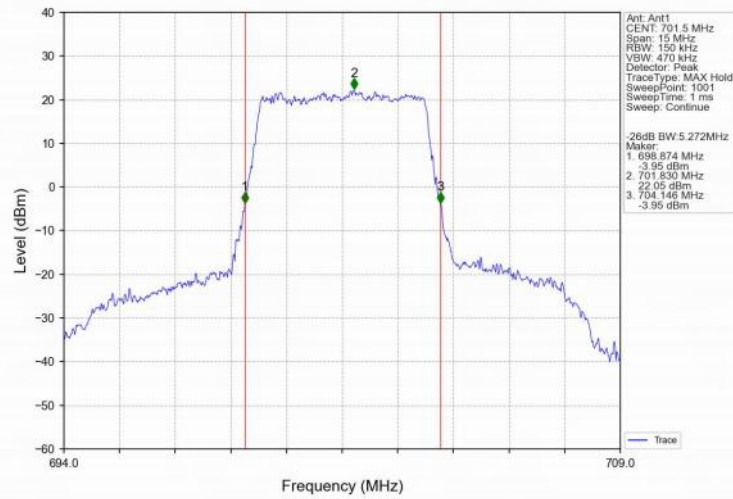
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



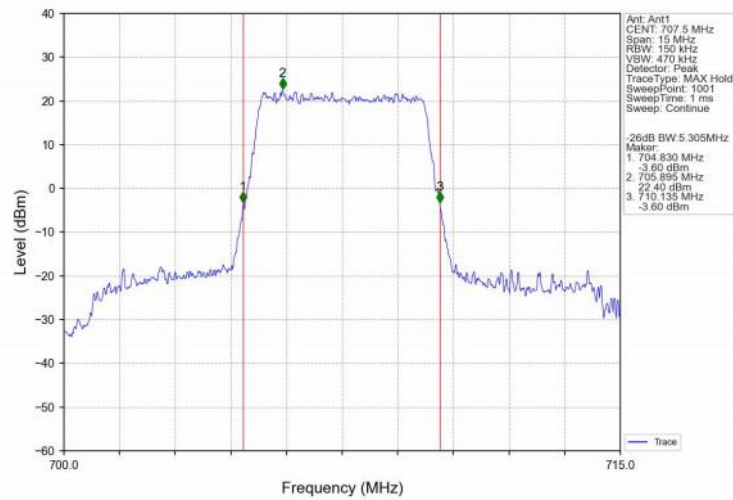
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



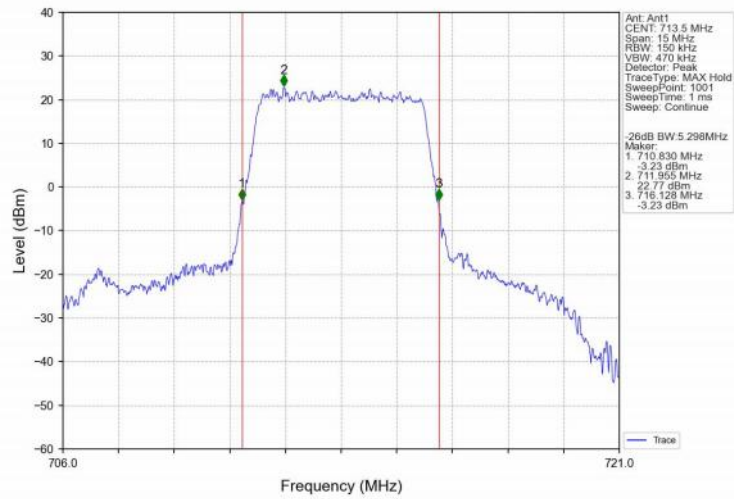
Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV



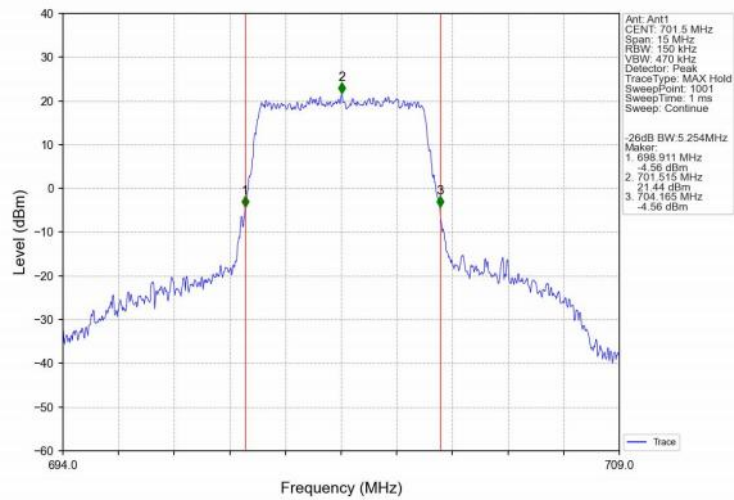
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



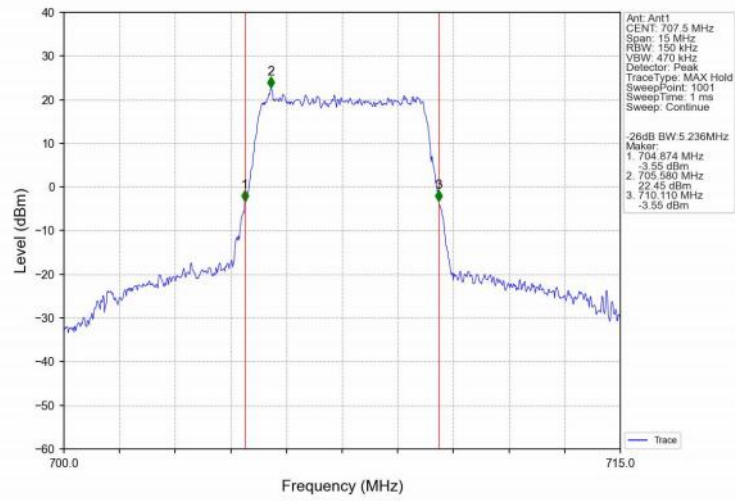
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



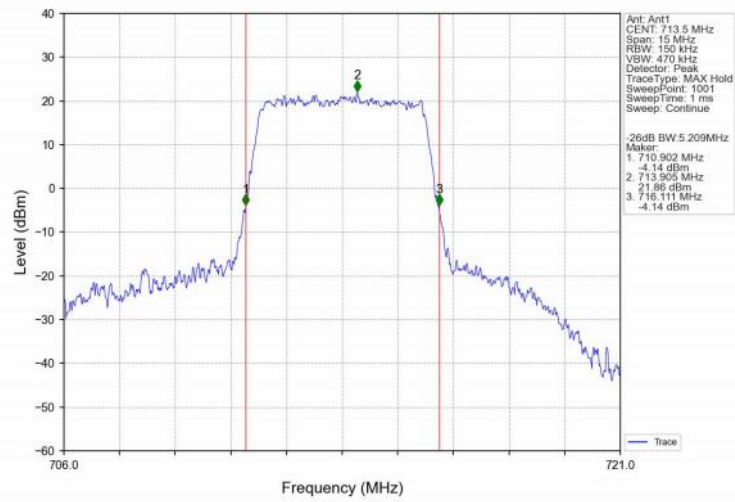
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



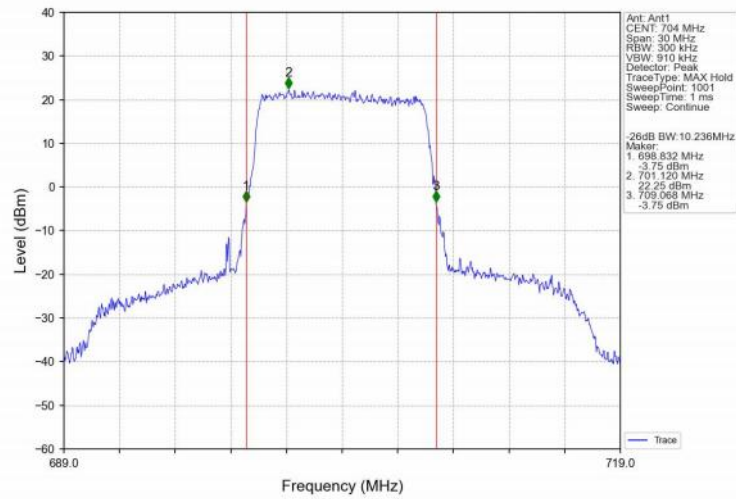
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



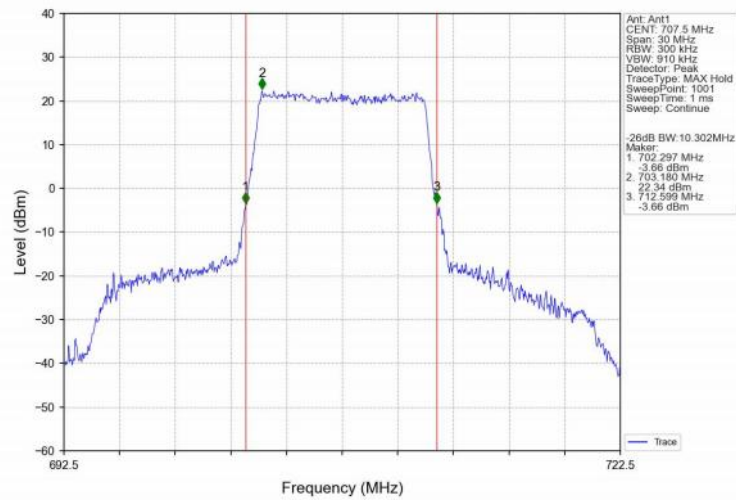
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



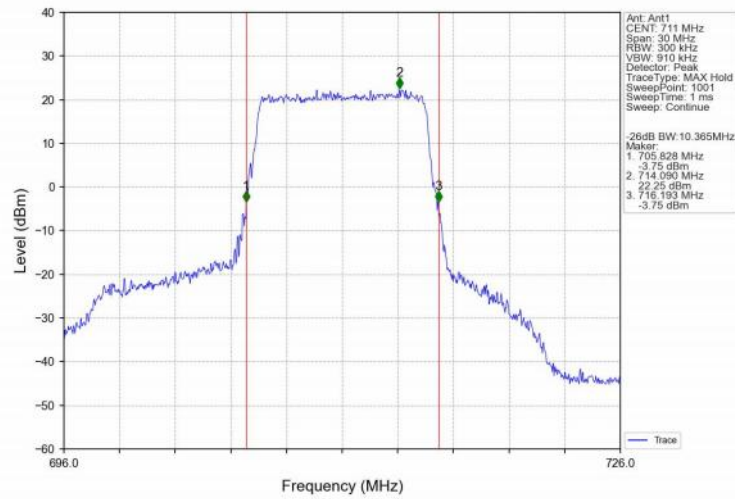
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



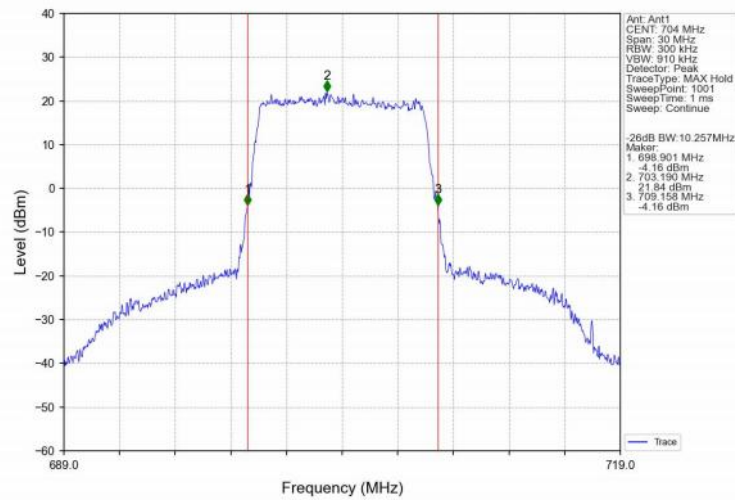
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



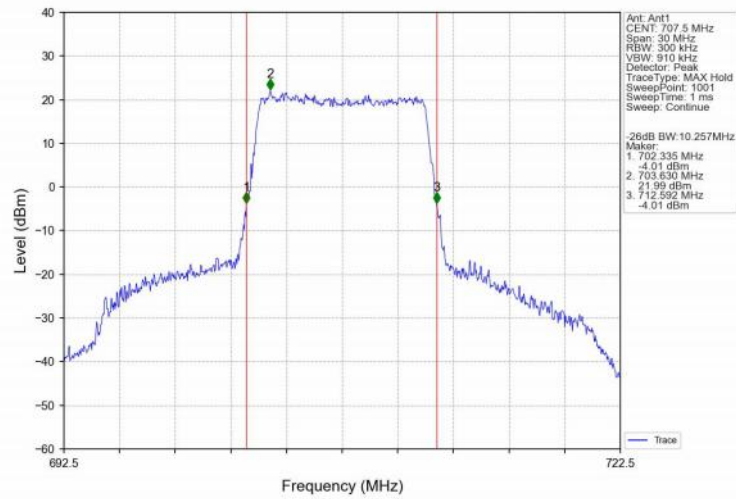
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



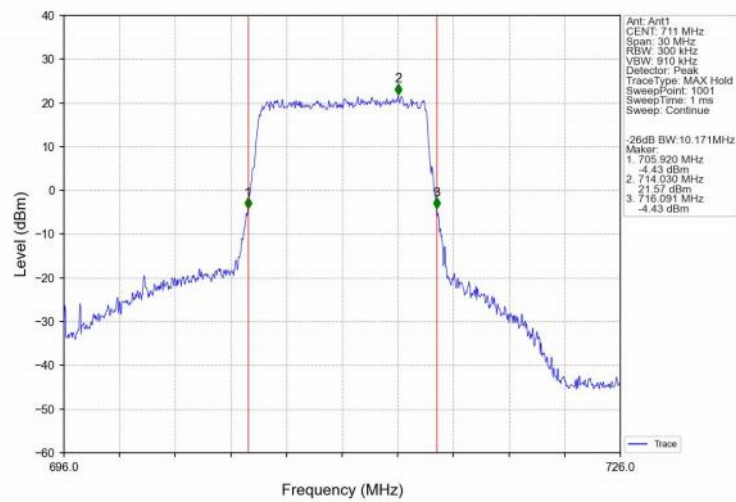
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	5.02	<=13	Pass
	707.5	6	0	5.65	<=13	Pass
	715.3	6	0	4.88	<=13	Pass
16QAM	699.7	6	0	5.84	<=13	Pass
	707.5	6	0	6.30	<=13	Pass
	715.3	6	0	5.63	<=13	Pass

5.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.08	<=13	Pass
	707.5	15	0	5.54	<=13	Pass
	714.5	15	0	4.99	<=13	Pass
16QAM	700.5	15	0	5.87	<=13	Pass
	707.5	15	0	6.35	<=13	Pass
	714.5	15	0	5.77	<=13	Pass

5.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.31	<=13	Pass
	707.5	25	0	5.76	<=13	Pass
	713.5	25	0	5.32	<=13	Pass
16QAM	701.5	25	0	6.02	<=13	Pass
	707.5	25	0	6.38	<=13	Pass
	713.5	25	0	5.96	<=13	Pass

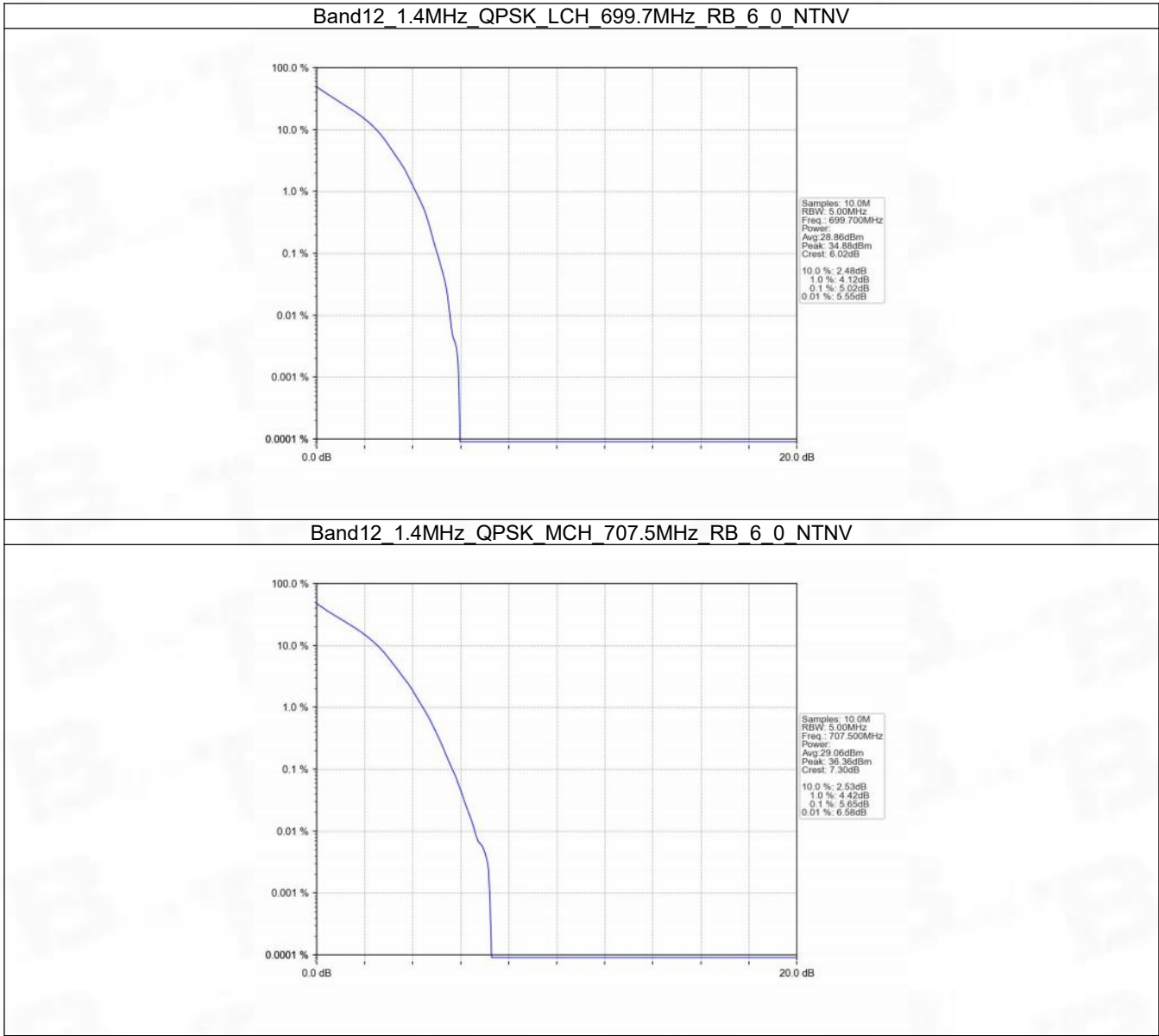
5.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.38	<=13	Pass
	707.5	50	0	5.67	<=13	Pass
	711	50	0	5.54	<=13	Pass
16QAM	704	50	0	6.14	<=13	Pass
	707.5	50	0	6.37	<=13	Pass

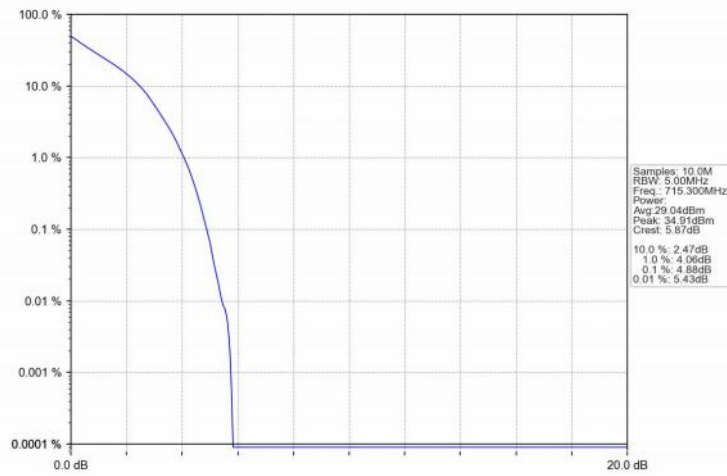
	711	50	0	6.21	<=13	Pass
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5.2 Test Graph

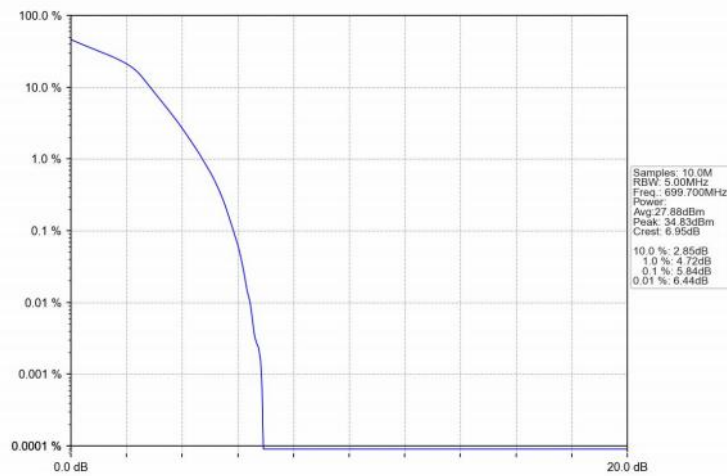
5.2.1 B12_1.4MHz



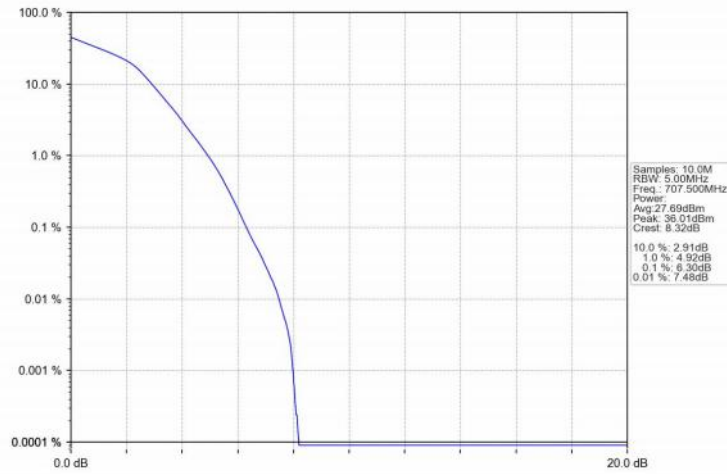
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV



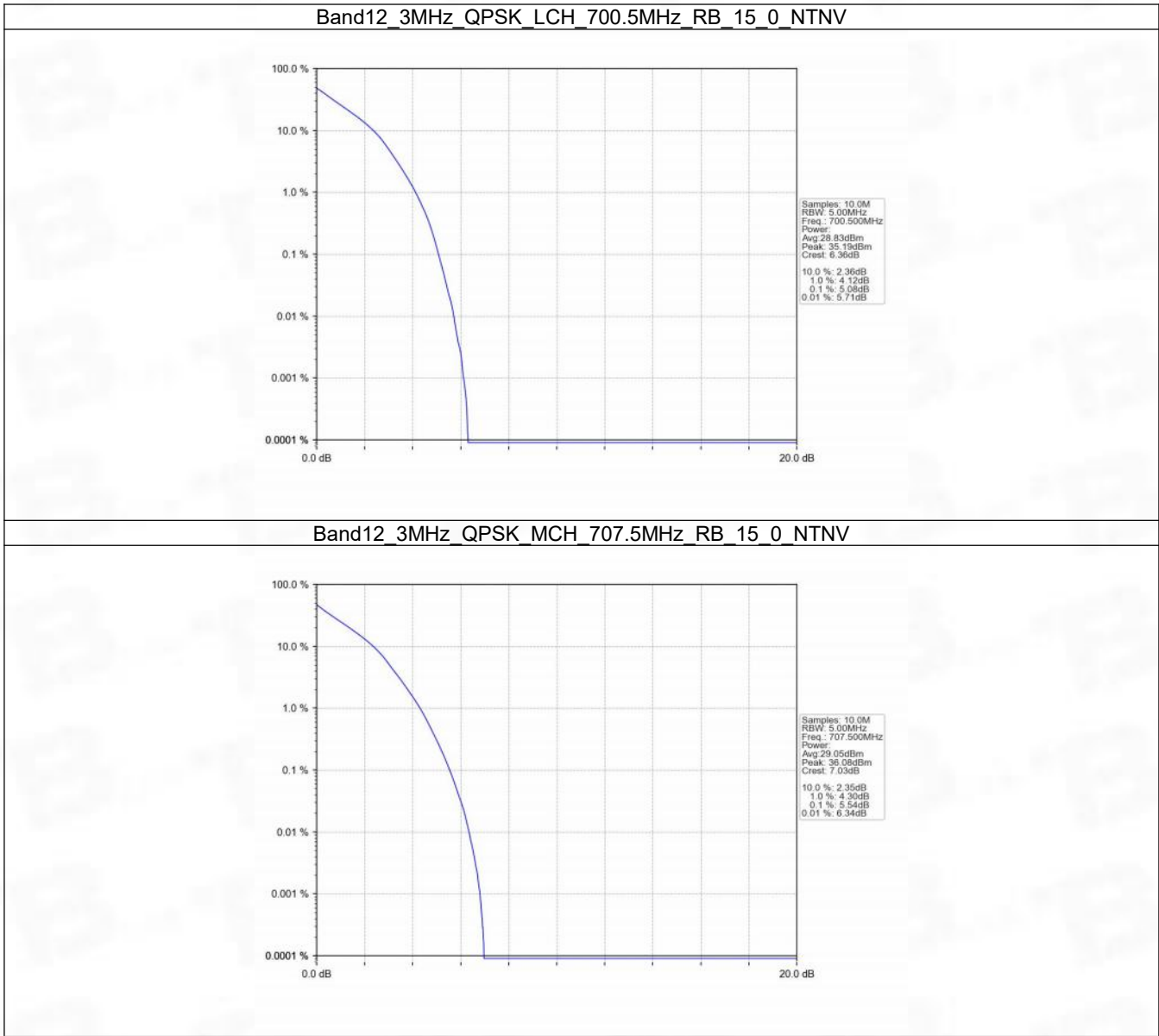
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_6_0_NTNV



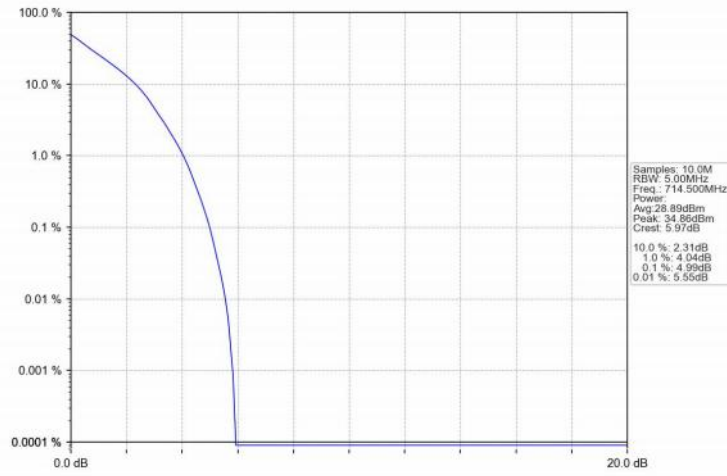
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV



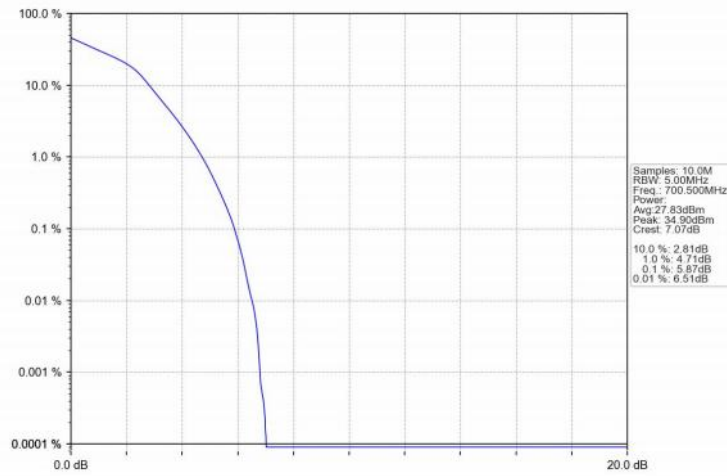
5.2.2 B12_3MHz



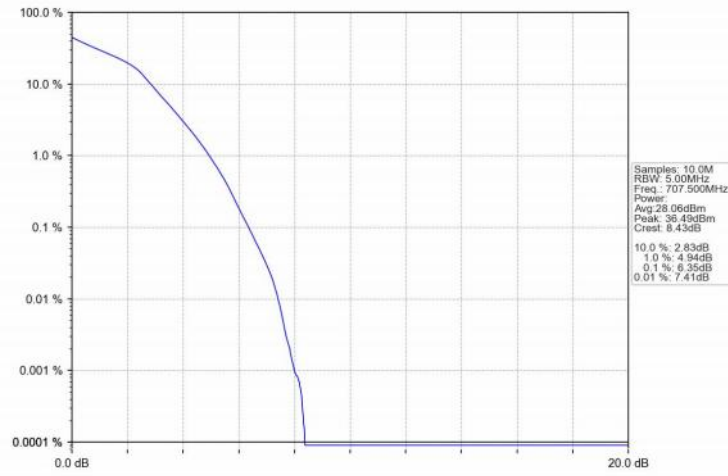
Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



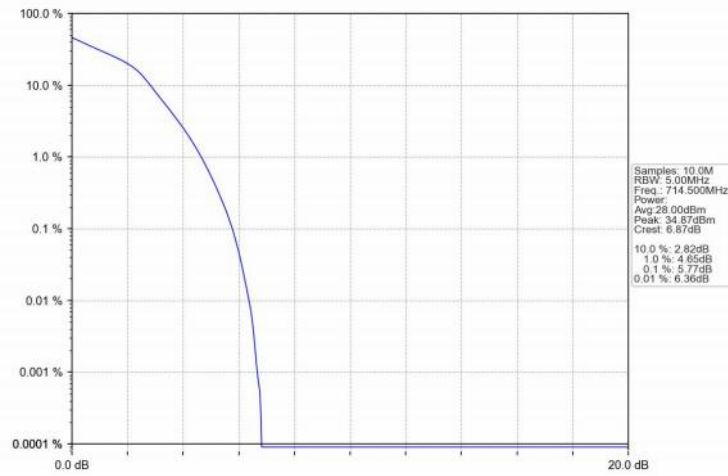
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



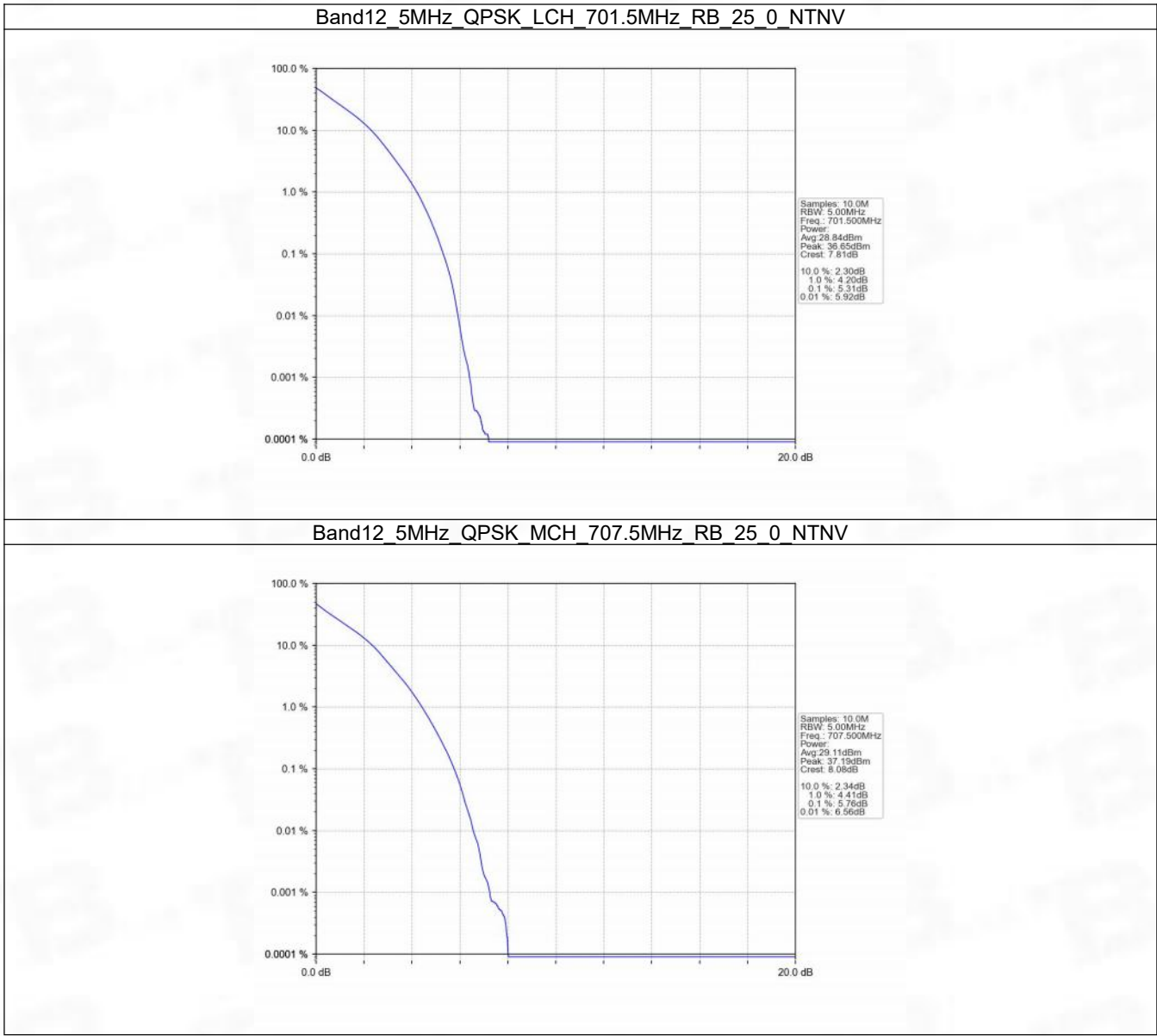
Band12_3MHz_16QAM_MCH_707.5MHz_RB_15_0_NTNV



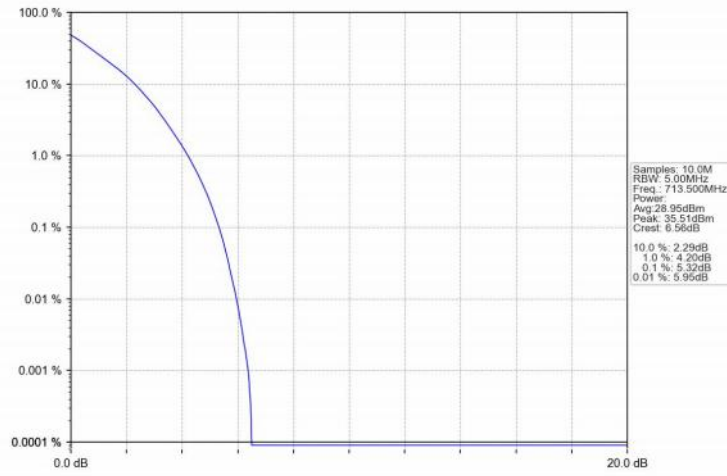
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



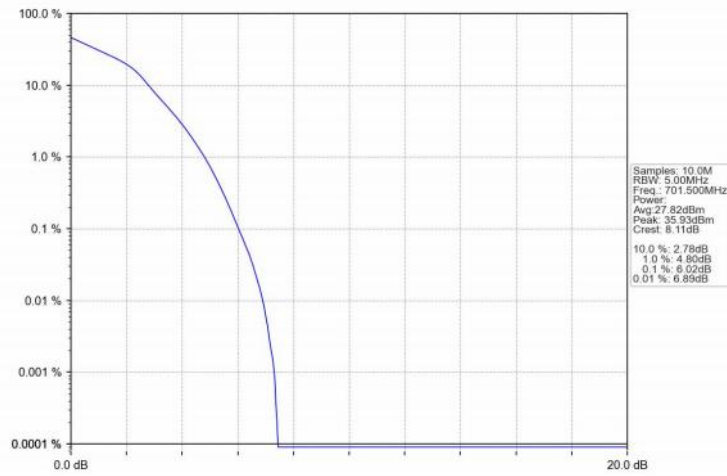
5.2.3 B12_5MHz



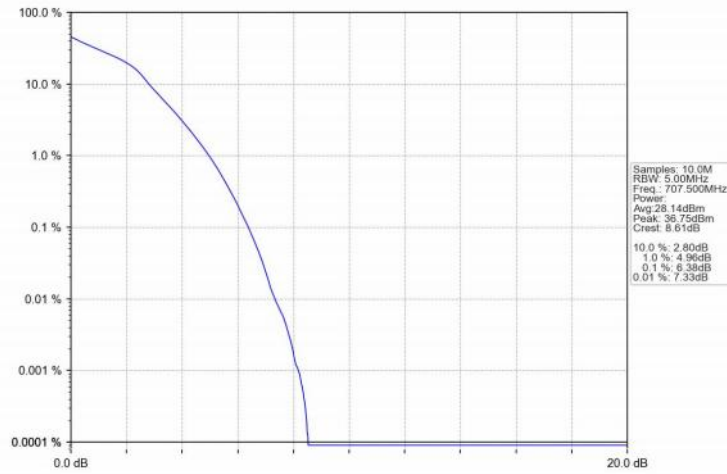
Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



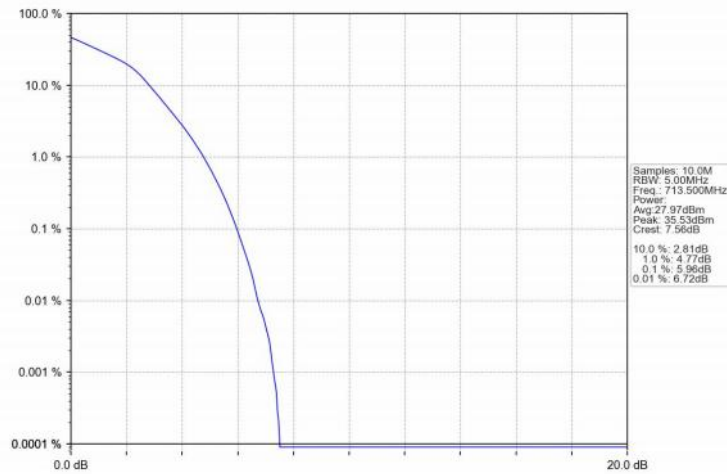
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



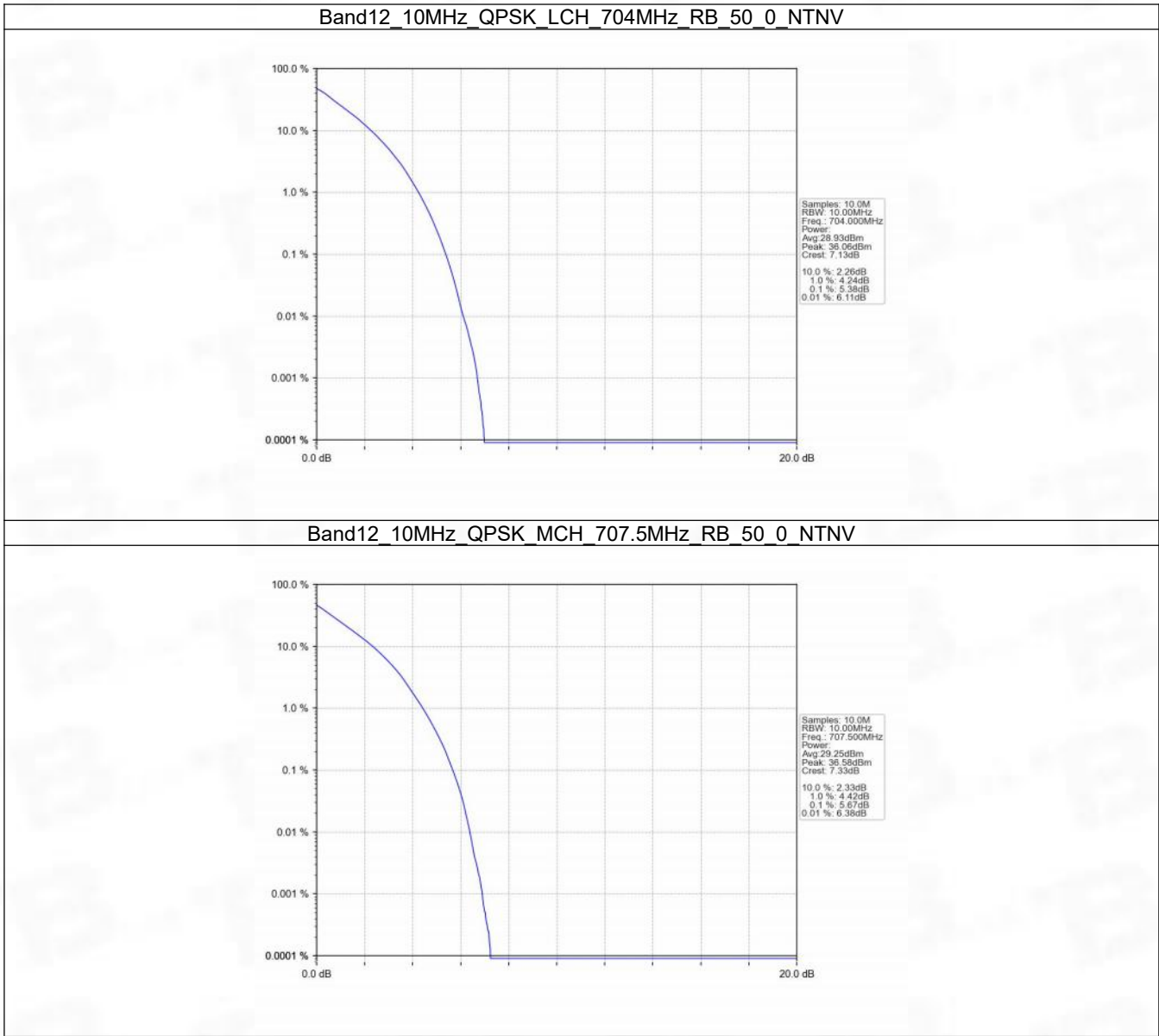
Band12_5MHz_16QAM_MCH_707.5MHz_RB_25_0_NTNV



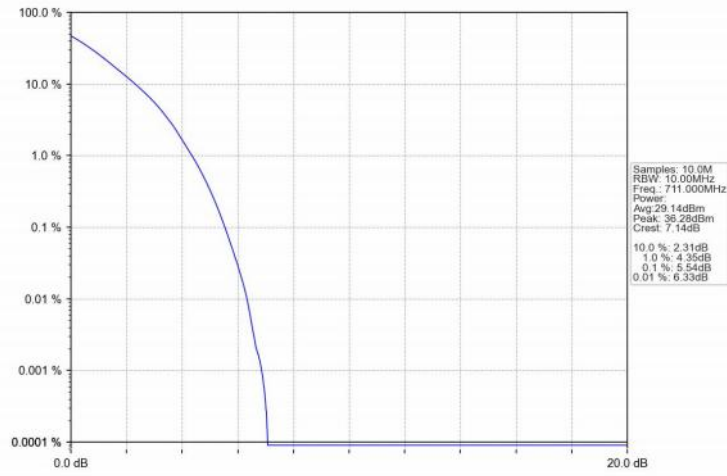
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



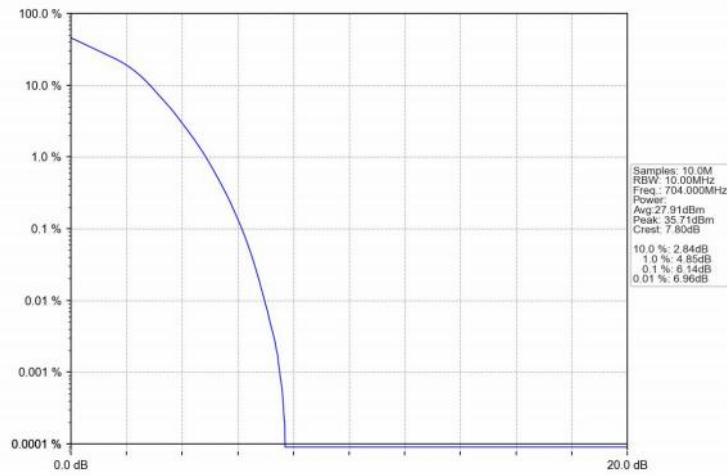
5.2.4 B12_10MHz



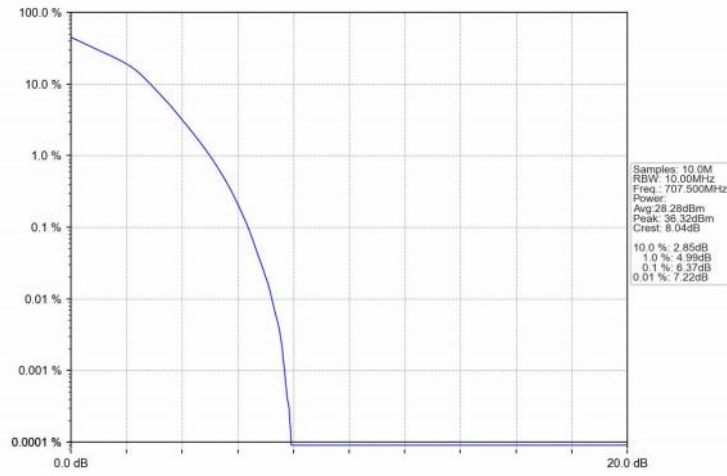
Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



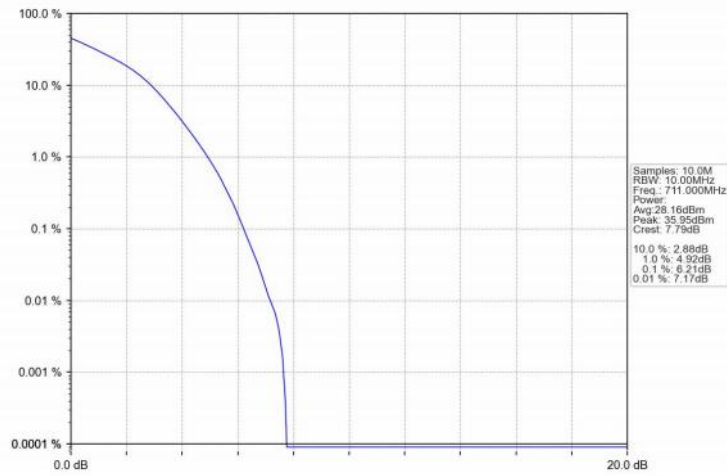
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
		1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	713.5	1	0	Refer To Test Graph		Pass
		1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	701.5	1	0	Refer To Test Graph		Pass

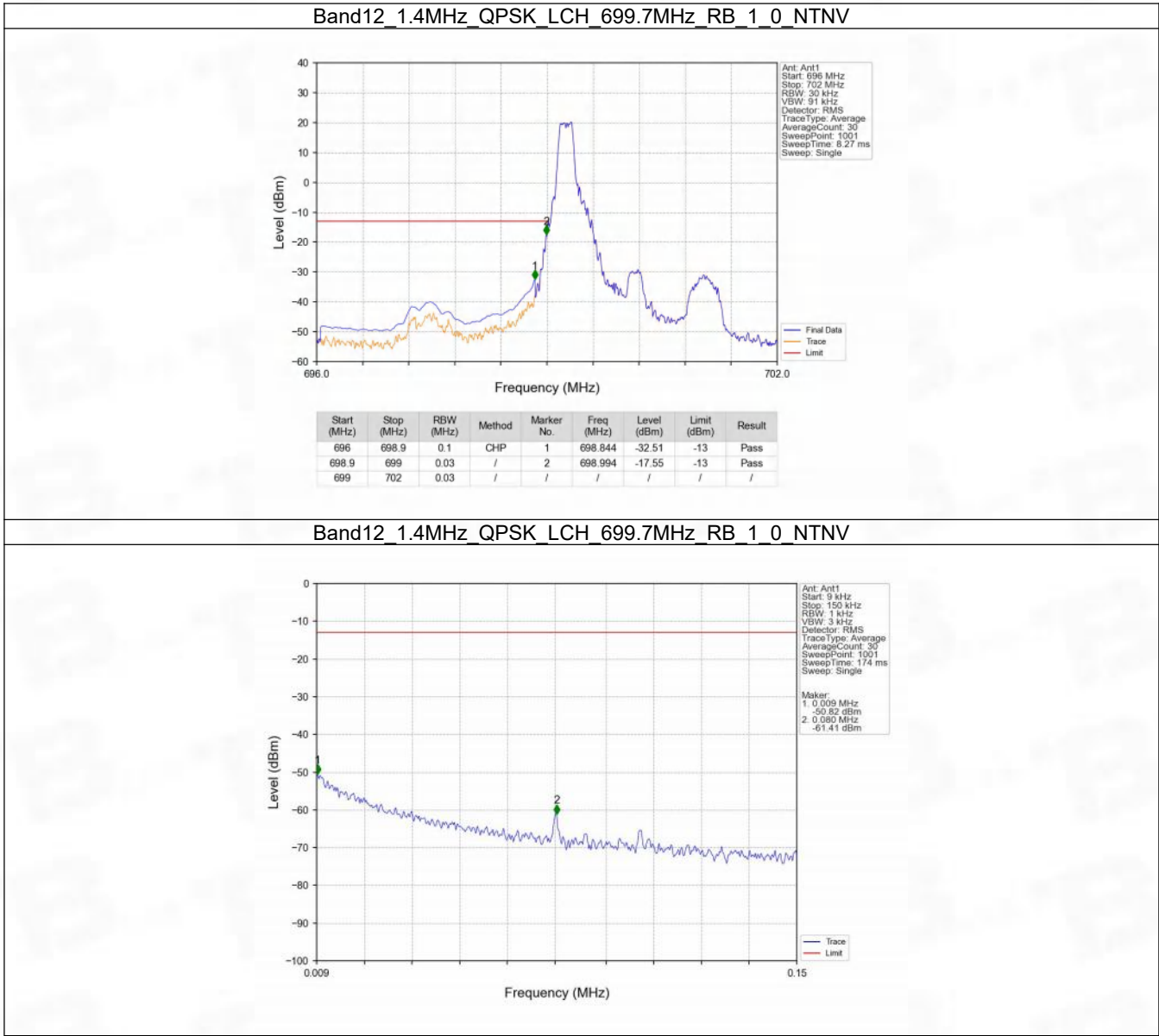
	707.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B12_10MHz

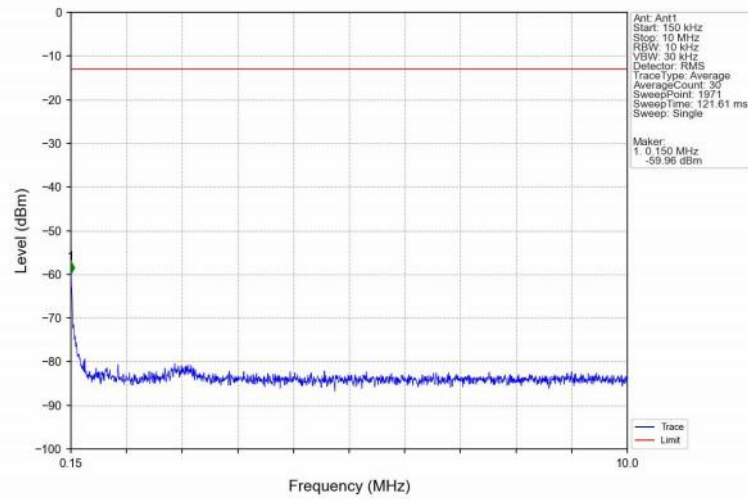
Band: 12 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	711	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	704	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	707.5	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

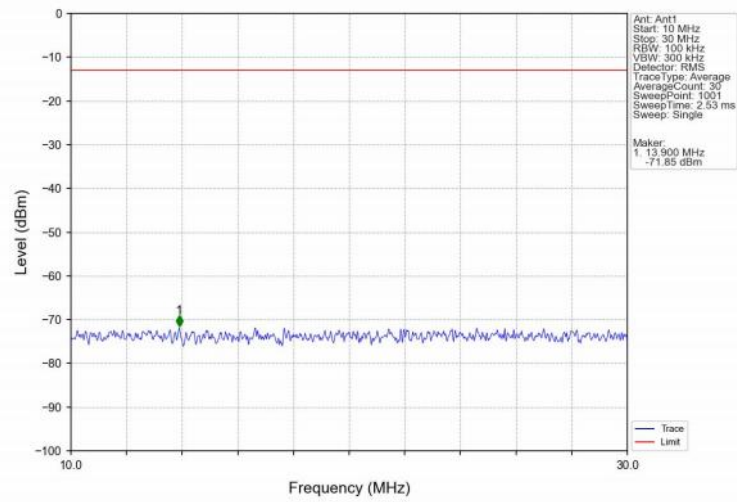
6.2.1 B12_1.4MHz



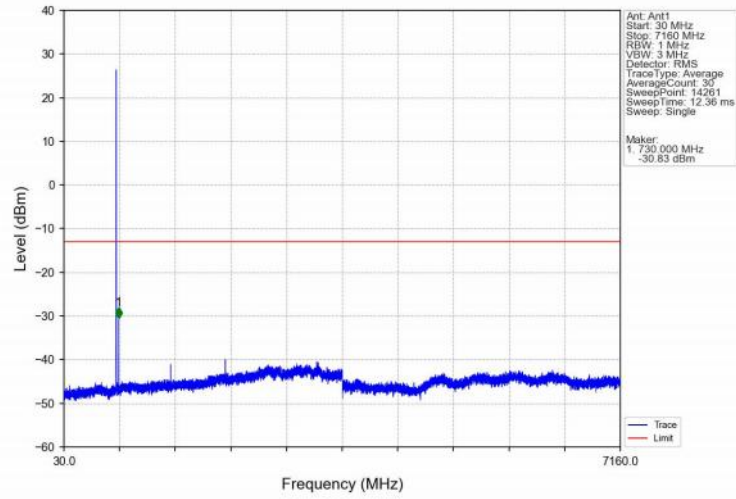
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



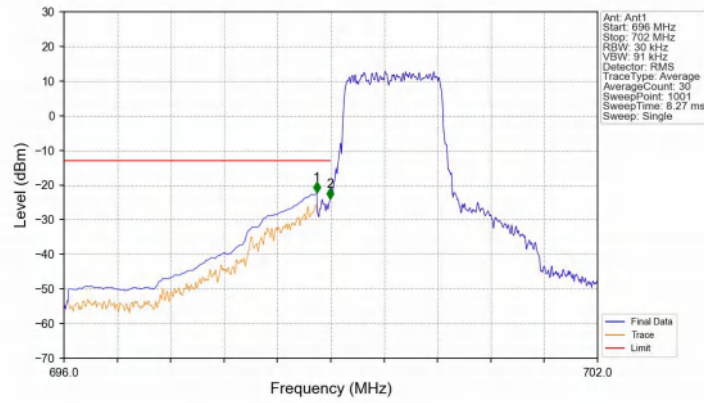
Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_1_0_NTNV

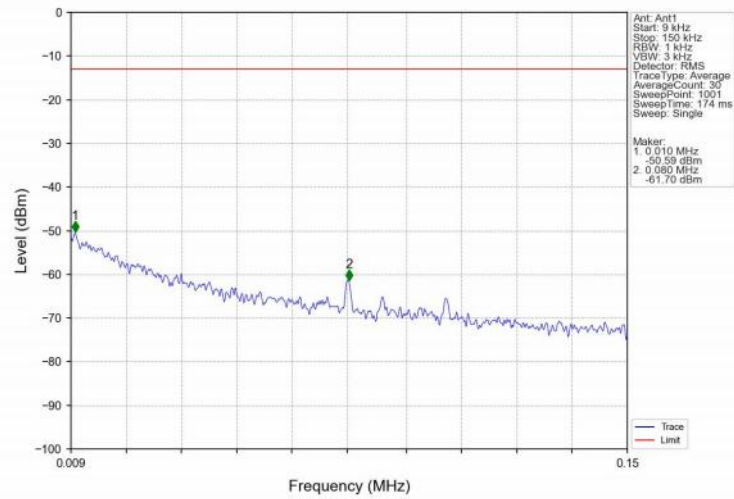


Band12_1.4MHz_QPSK_LCH_699.7MHz_RB_6_0_NTNV

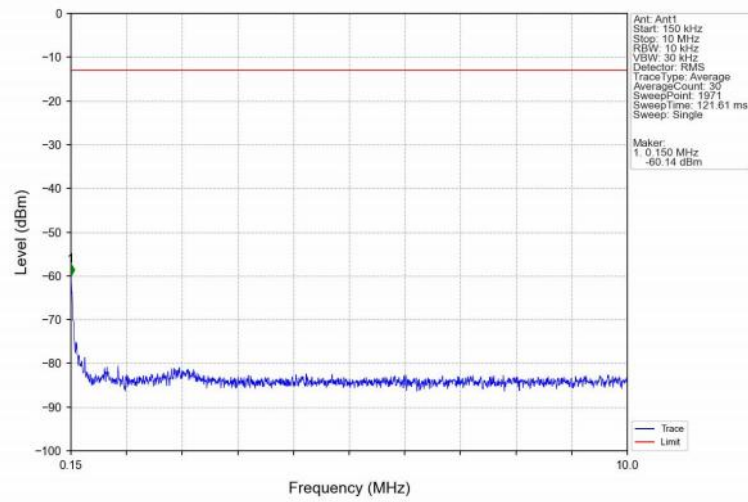


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-22.20	-13	Pass
698.9	699	0.03	/	2	698.994	-23.98	-13	Pass
699	702	0.03	/	/	/	/	/	/

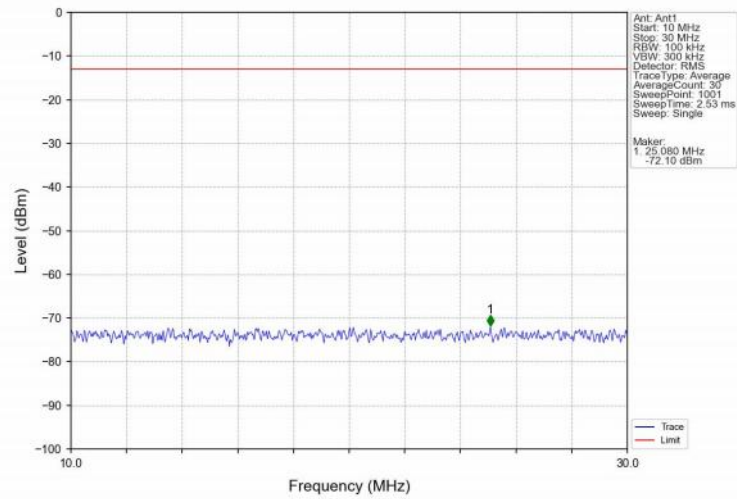
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



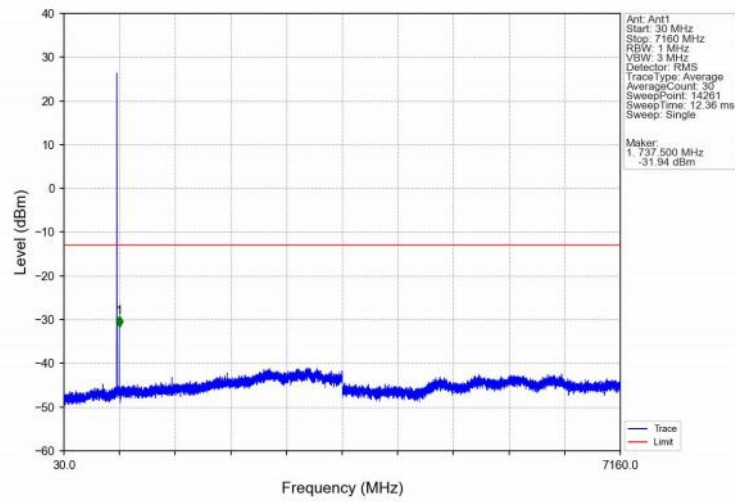
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



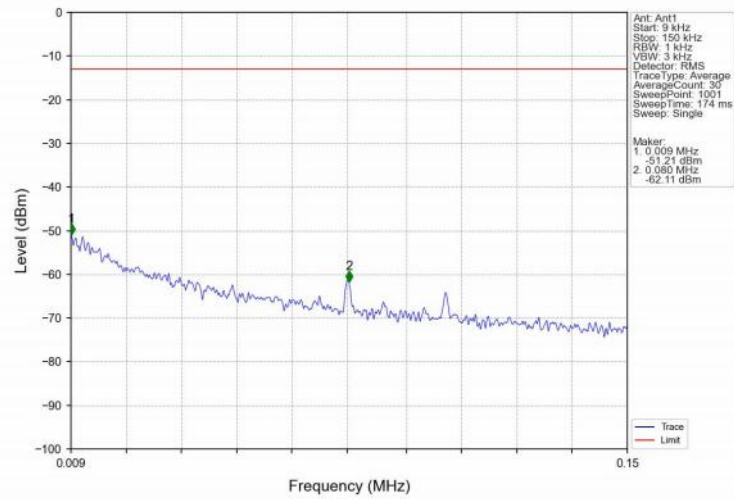
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



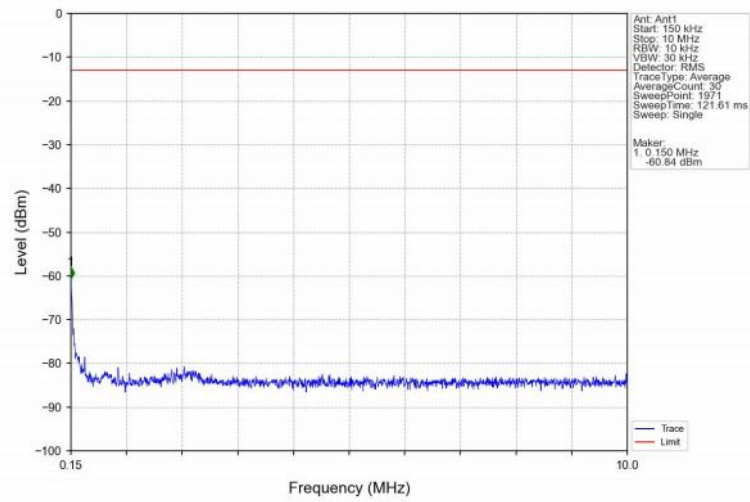
Band12_1.4MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



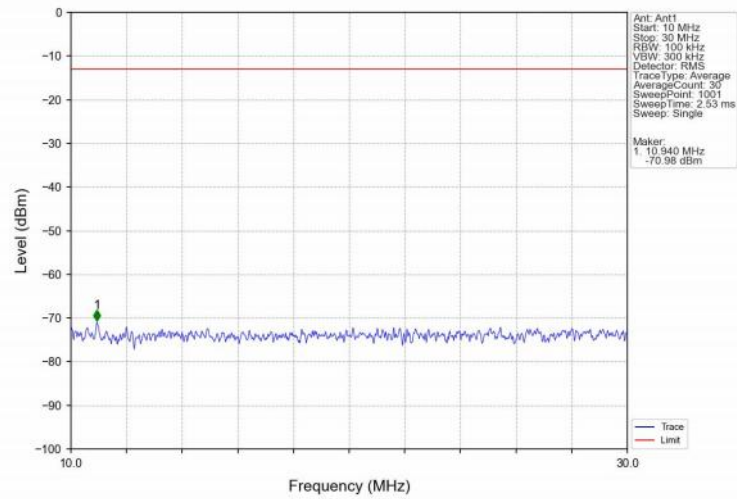
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



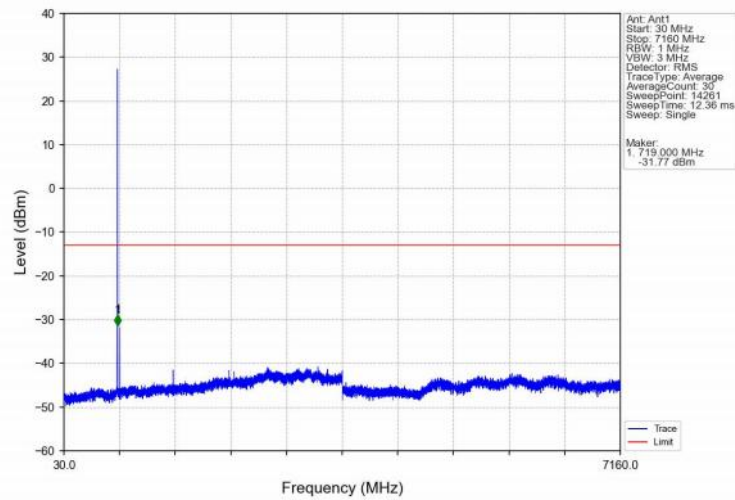
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



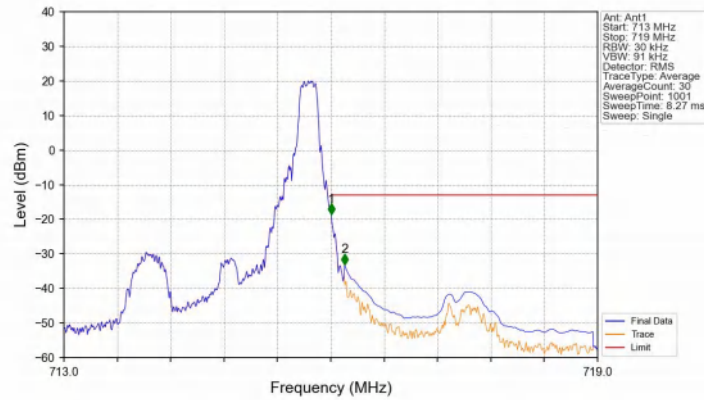
Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_0_NTNV

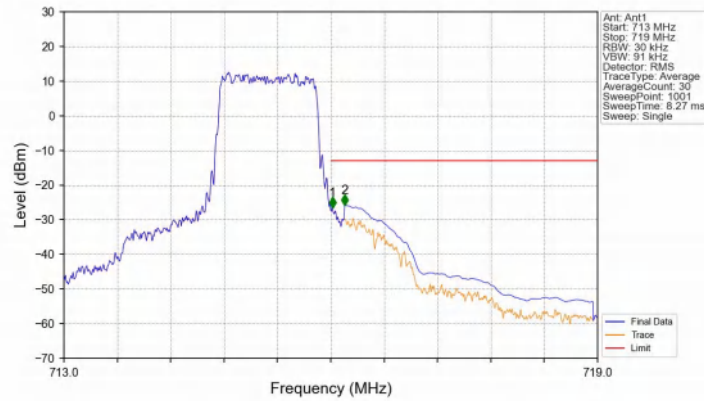


Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_1_5_NTNV



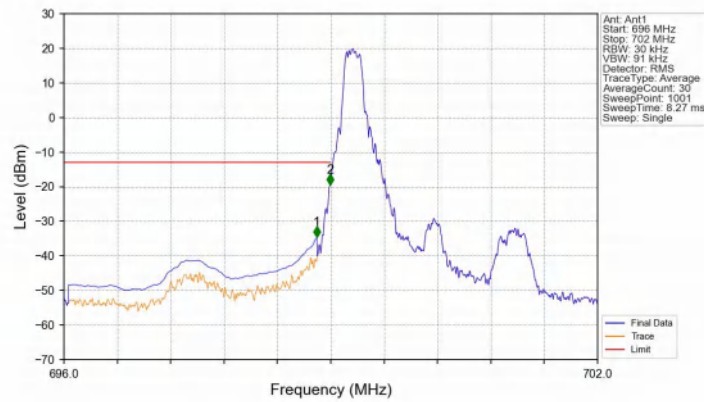
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-18.61	-13	Pass
716.1	719	0.1	CHP	2	716.156	-33.08	-13	Pass

Band12_1.4MHz_QPSK_HCH_715.3MHz_RB_6_0_NTNV



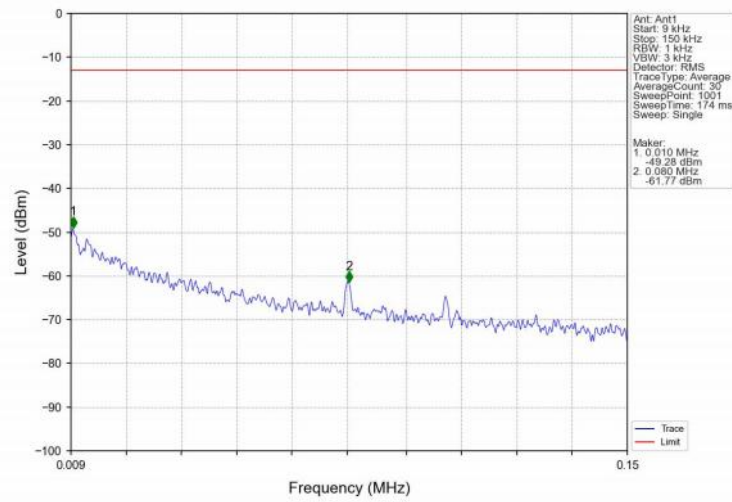
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.018	-26.61	-13	Pass
716.1	719	0.1	CHP	2	716.156	-25.79	-13	Pass

Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

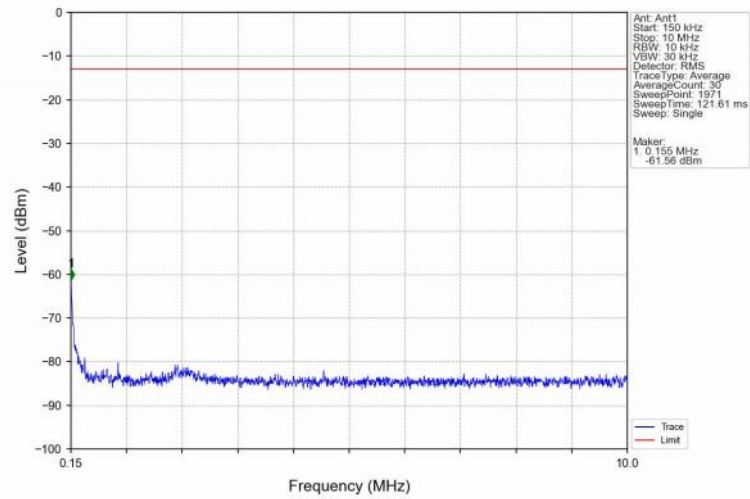


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-34.62	-13	Pass
698.9	699	0.03	/	2	698.994	-19.43	-13	Pass
699	702	0.03	/	/	/	/	/	/

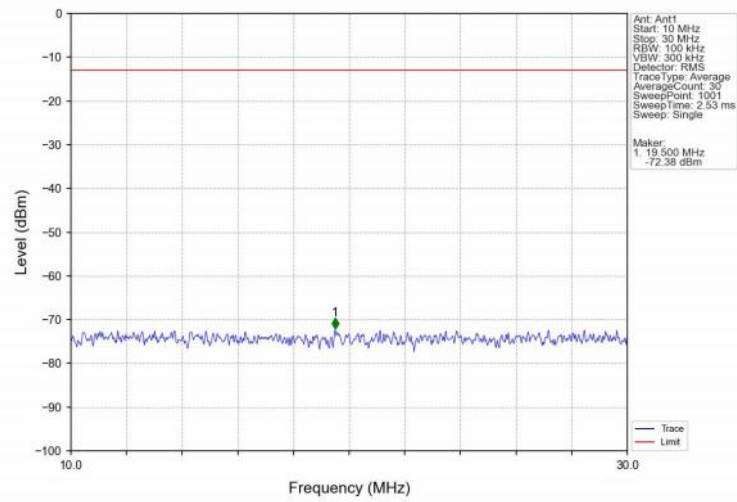
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



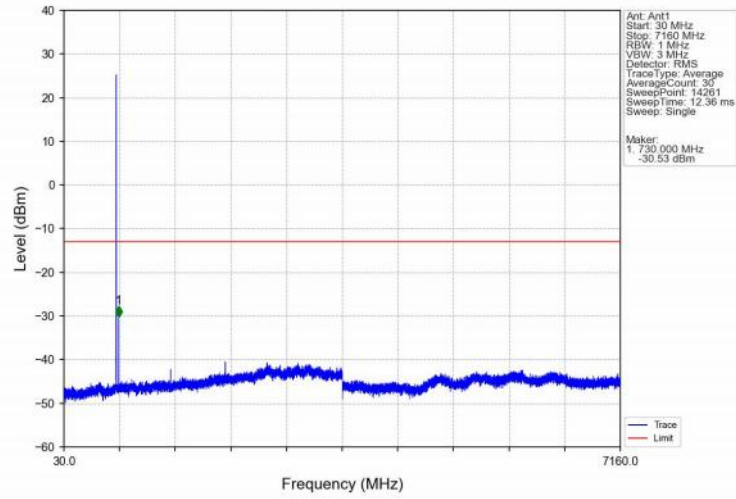
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



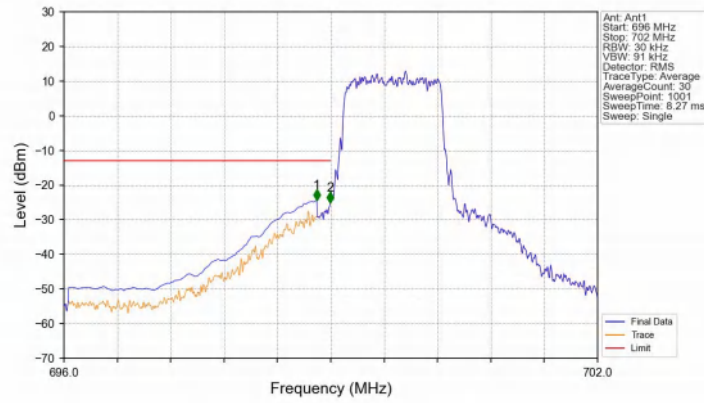
Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_1_0_NTNV

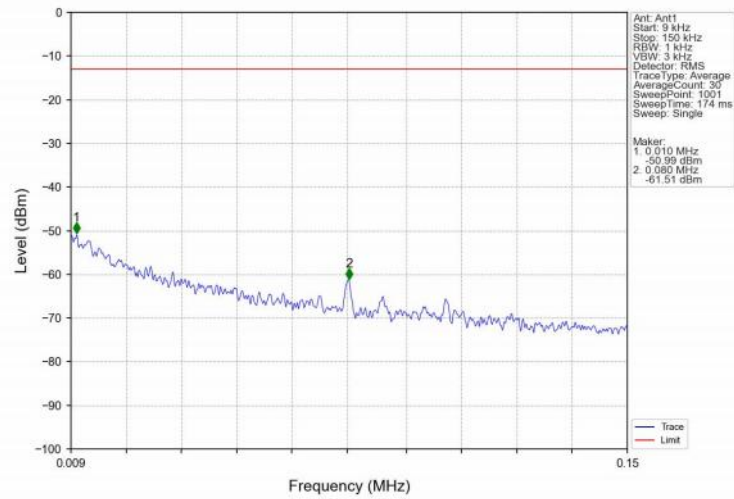


Band12_1.4MHz_16QAM_LCH_699.7MHz_RB_6_0_NTNV

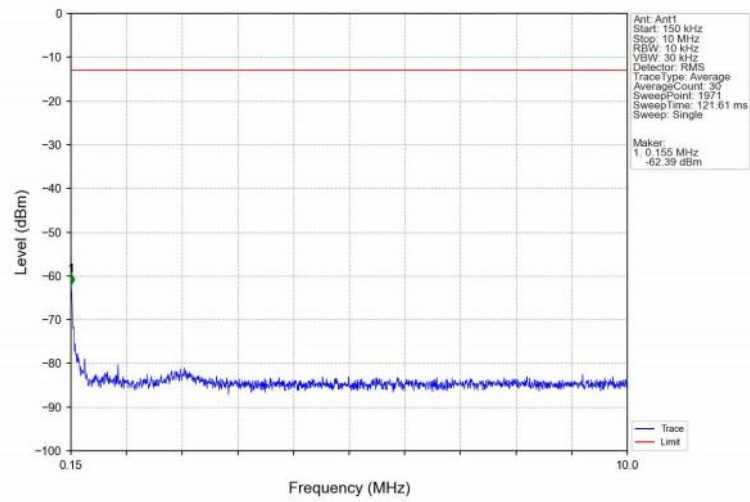


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-24.45	-13	Pass
698.9	699	0.03	/	2	698.994	-25.08	-13	Pass
699	702	0.03	/	/	/	/	/	/

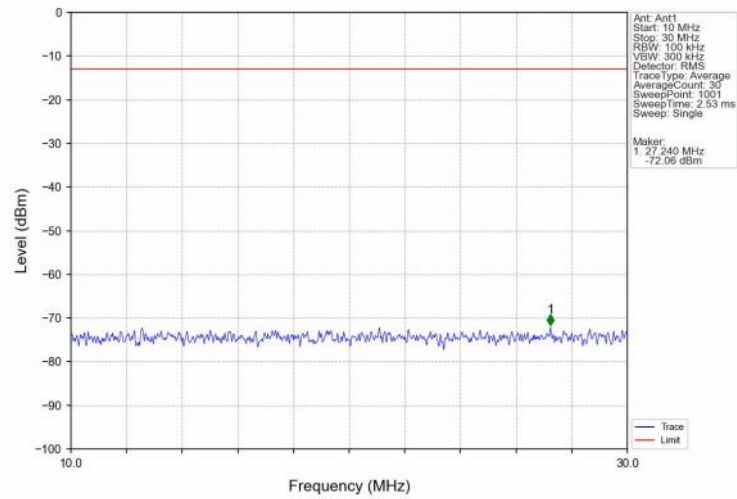
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



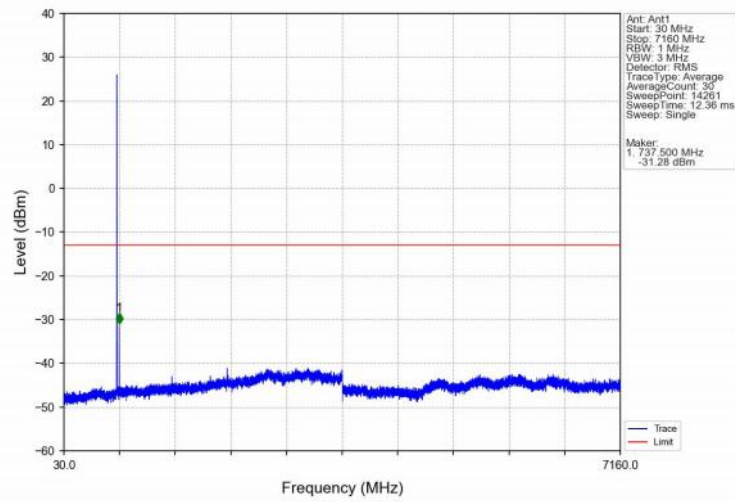
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



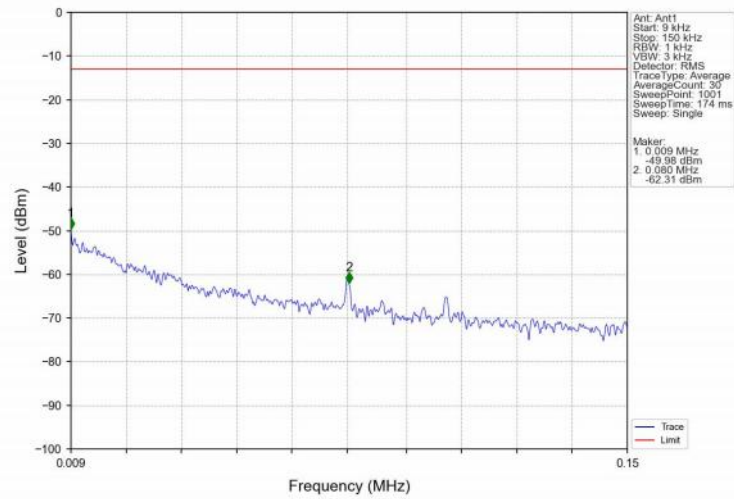
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



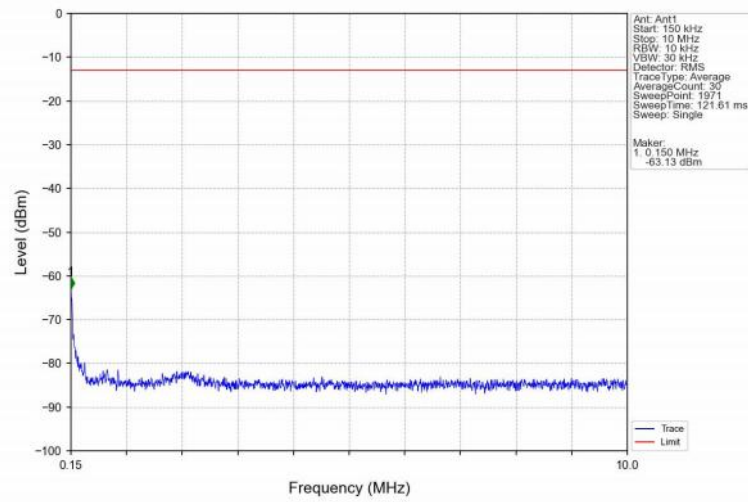
Band12_1.4MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



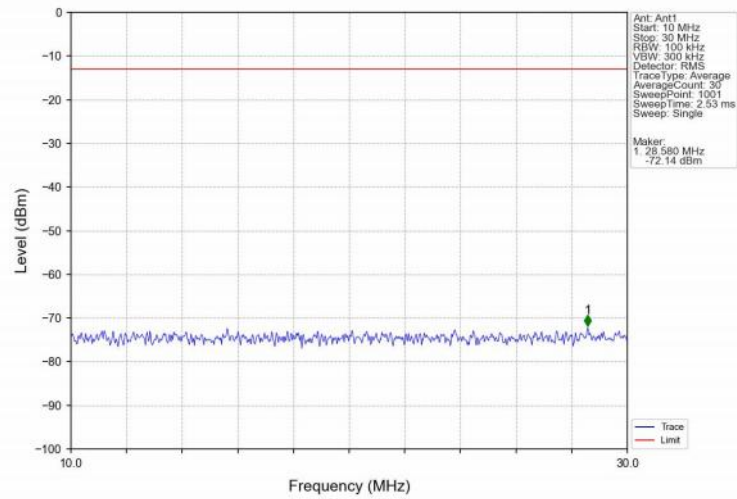
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



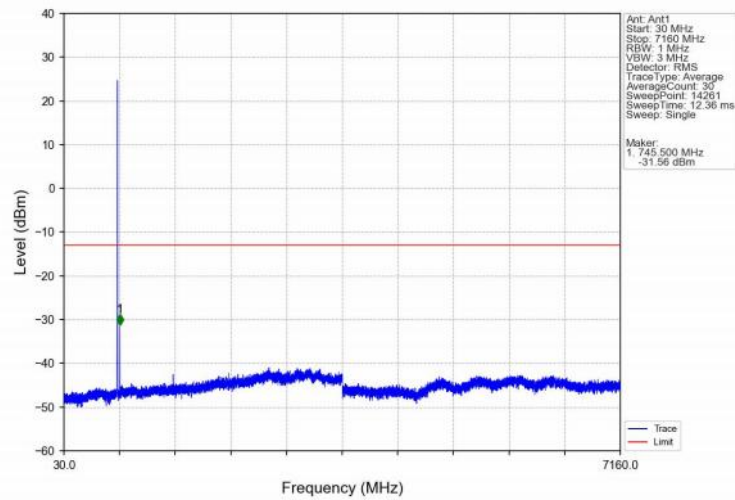
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



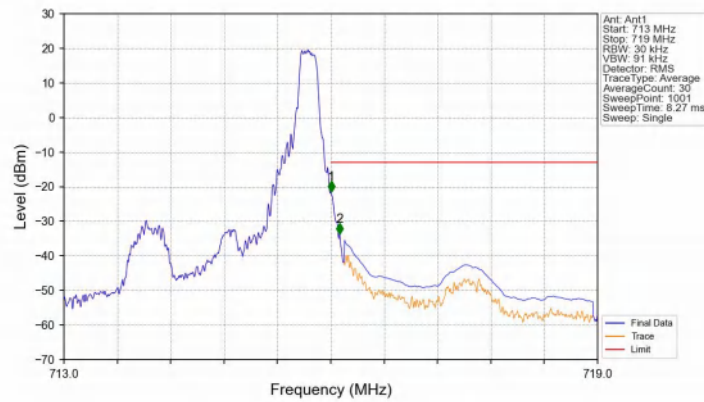
Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV



Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_0_NTNV

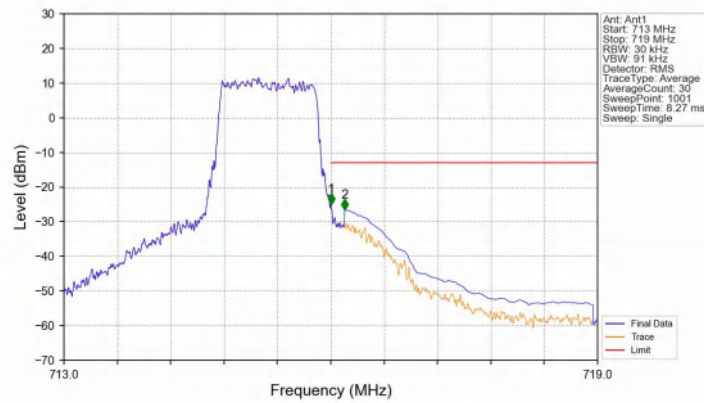


Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_1_5_NTNV



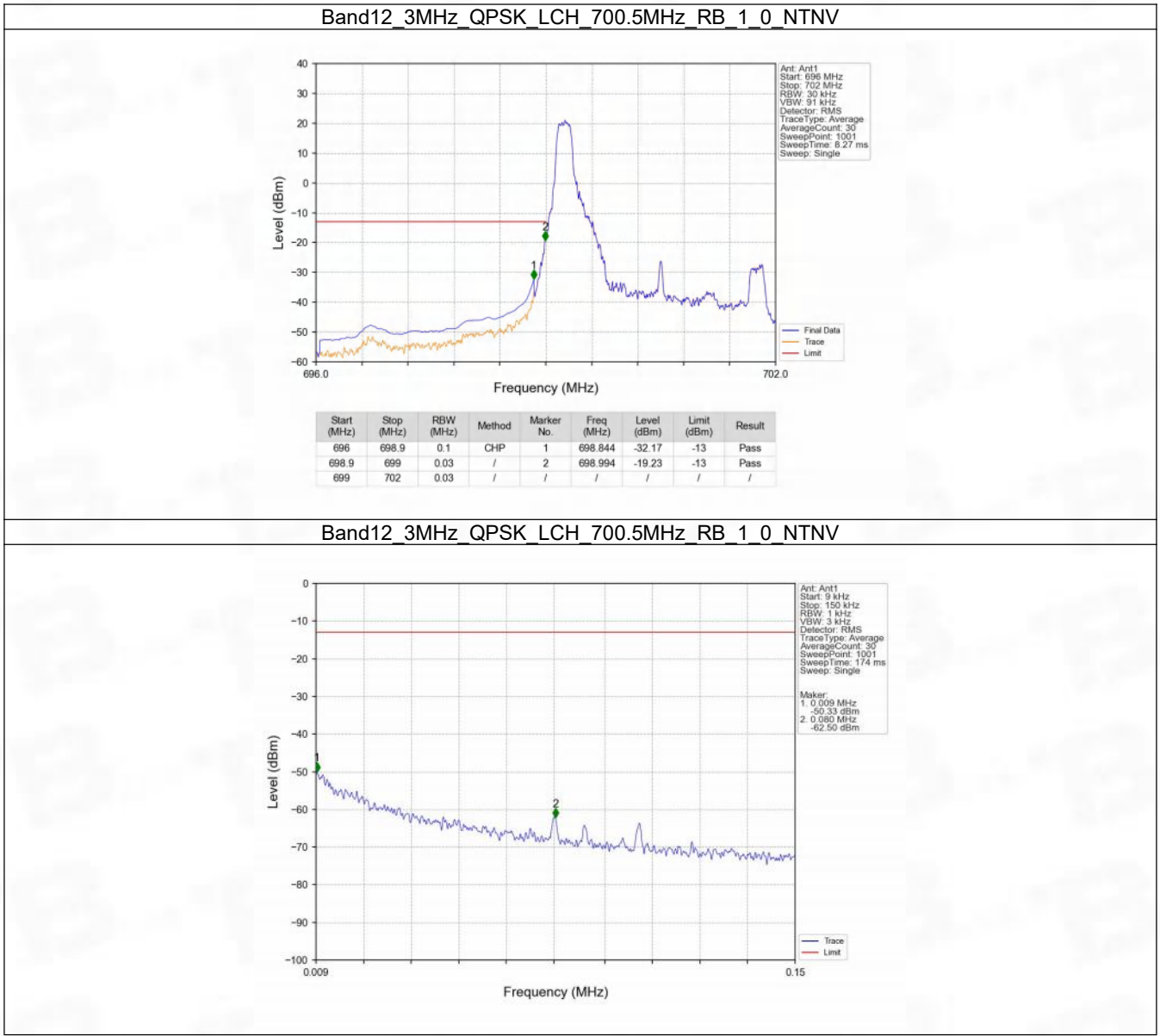
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-21.49	-13	Pass
716.1	719	0.1	CHP	2	716.102	-33.68	-13	Pass

Band12_1.4MHz_16QAM_HCH_715.3MHz_RB_6_0_NTNV

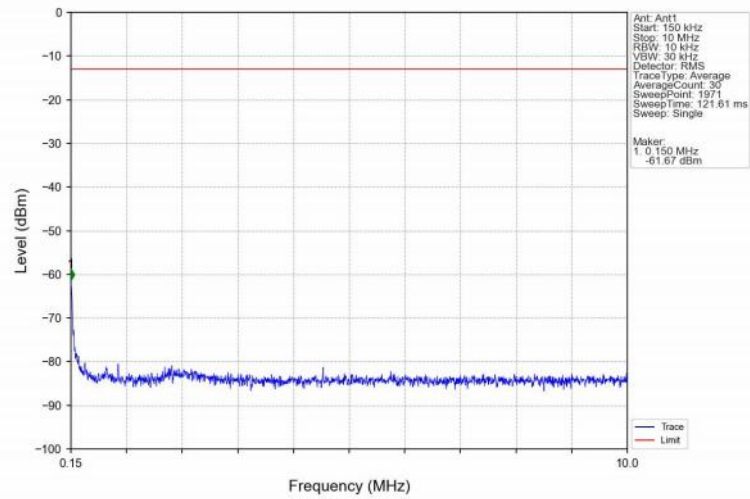


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-24.95	-13	Pass
716.1	719	0.1	CHP	2	716.156	-26.57	-13	Pass

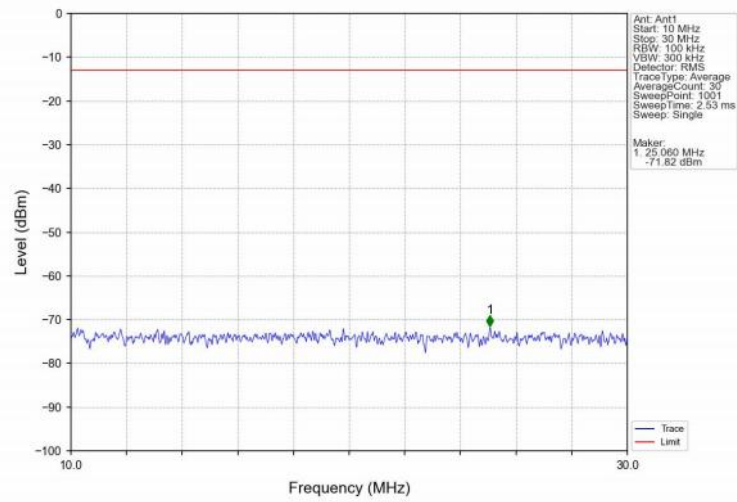
6.2.2 B12_3MHz



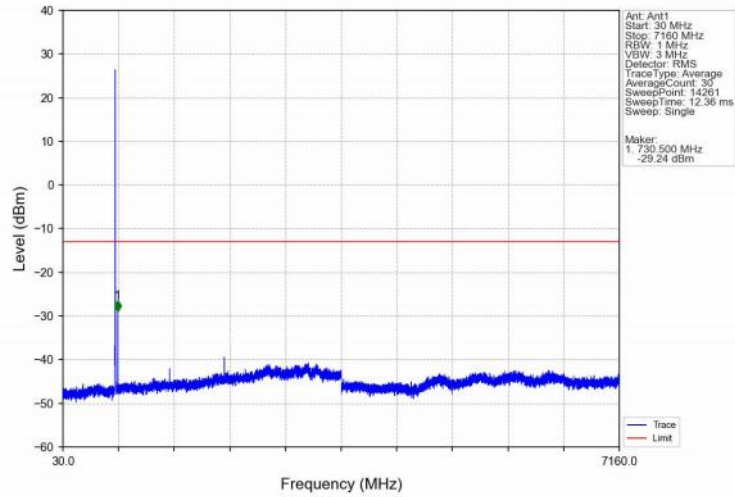
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



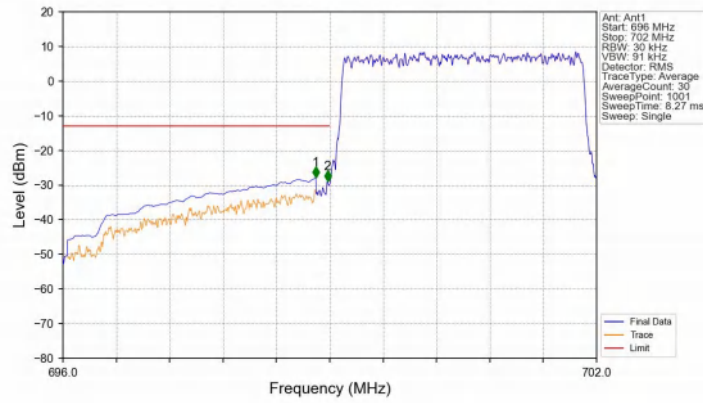
Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_LCH_700.5MHz_RB_1_0_NTNV

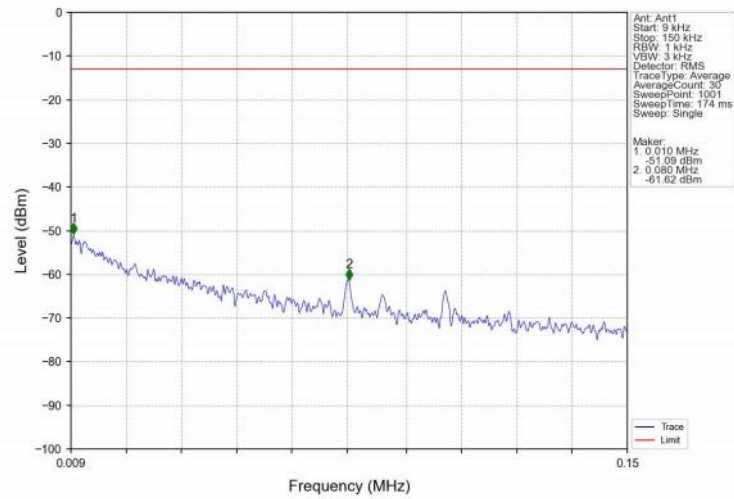


Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV

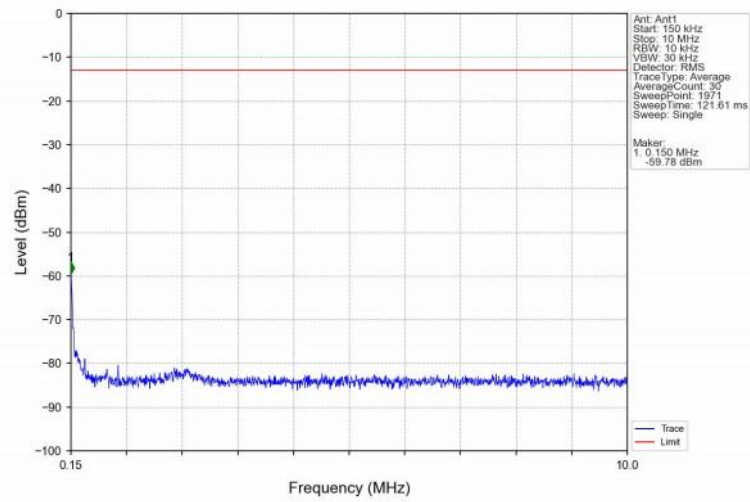


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-27.84	-13	Pass
698.9	699	0.03	/	2	698.976	-28.98	-13	Pass
699	702	0.03	/	/	/	/	/	/

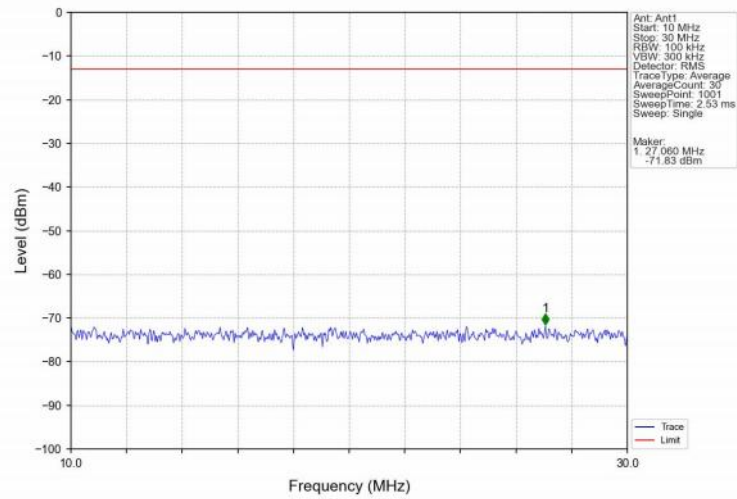
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



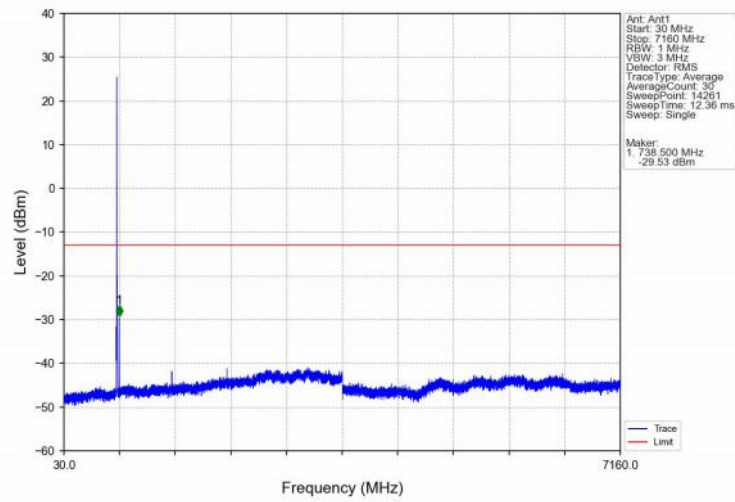
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



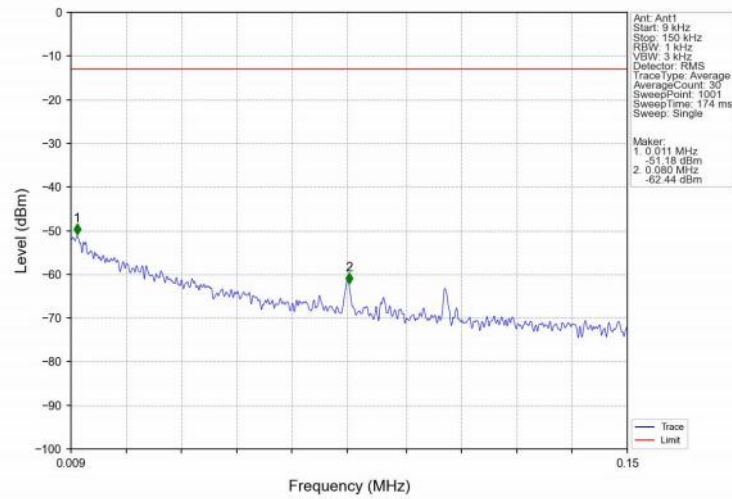
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



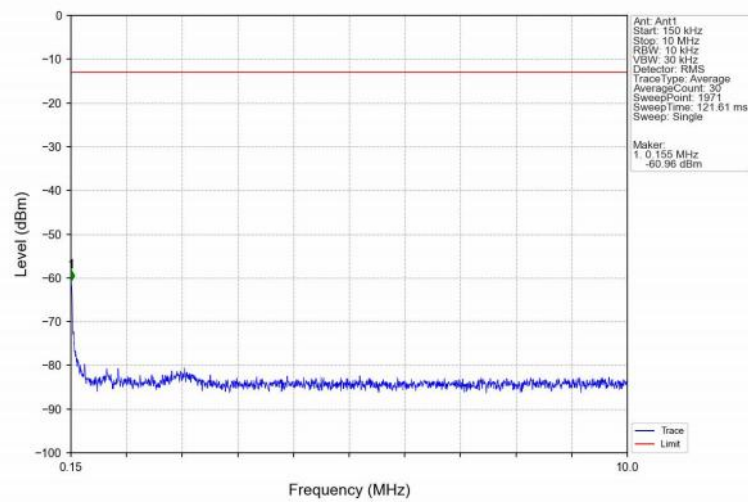
Band12_3MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



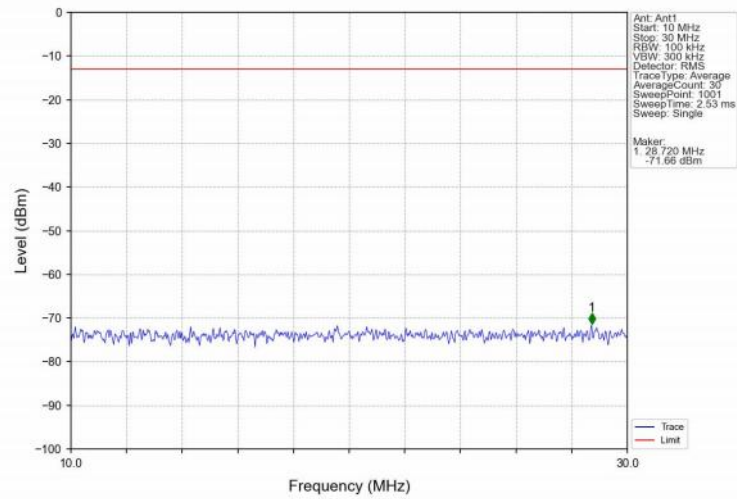
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



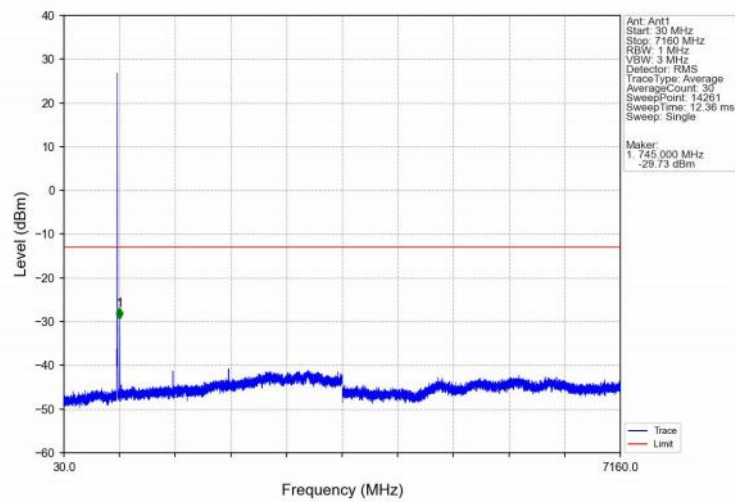
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



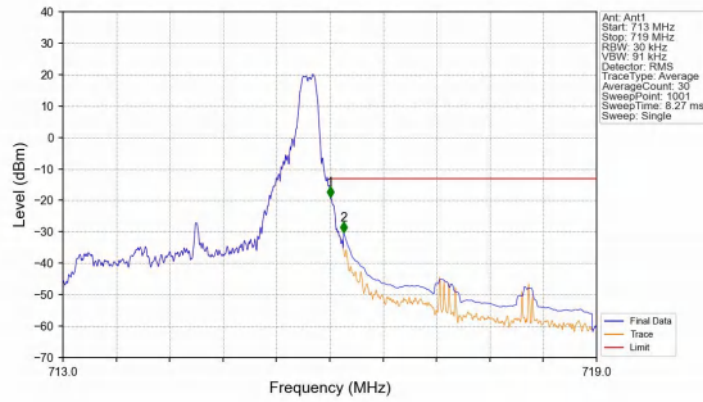
Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_0_NTNV

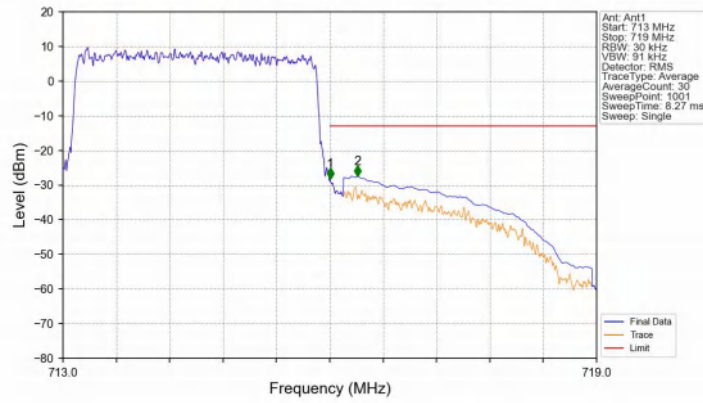


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTNV



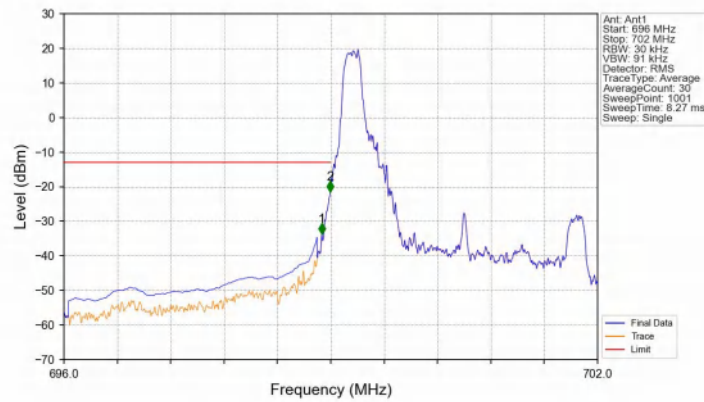
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-19.09	-13	Pass
716.1	719	0.1	CHP	2	716.156	-30.18	-13	Pass

Band12_3MHz_QPSK_HCH_714.5MHz_RB_15_0_NTNV



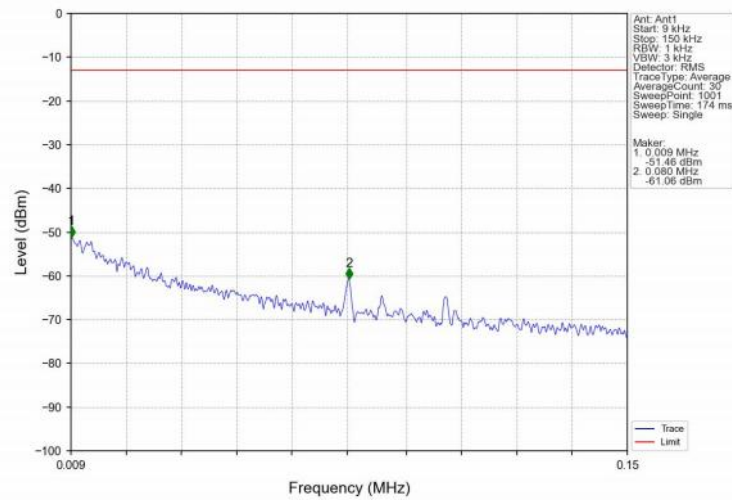
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-28.13	-13	Pass
716.1	719	0.1	CHP	2	716.312	-27.41	-13	Pass

Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

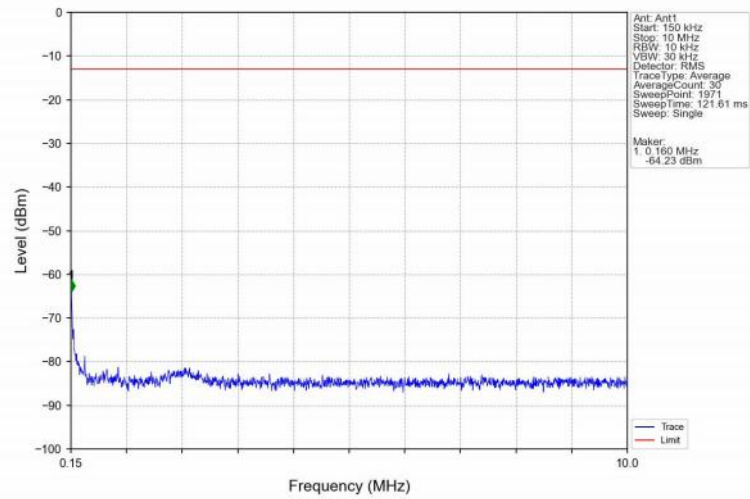


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.898	-33.64	-13	Pass
698.9	699	0.03	/	2	698.994	-21.52	-13	Pass
699	702	0.03	/	/	/	/	/	/

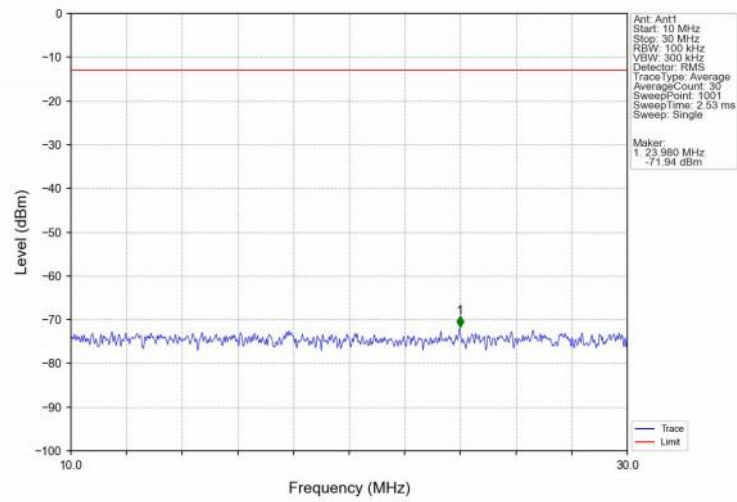
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



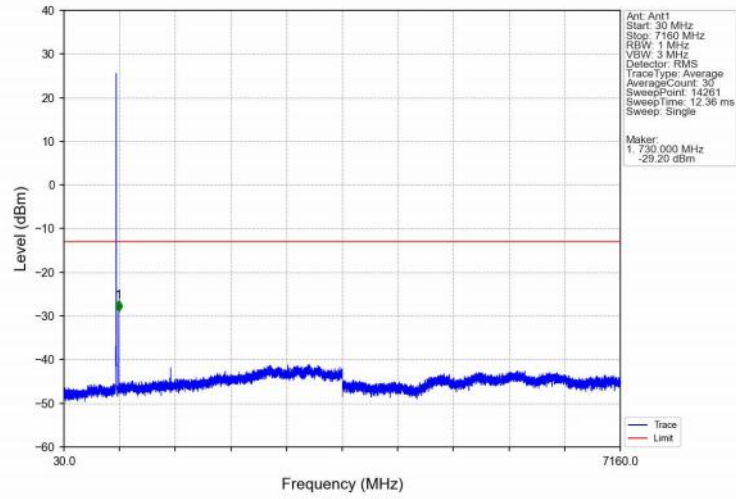
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



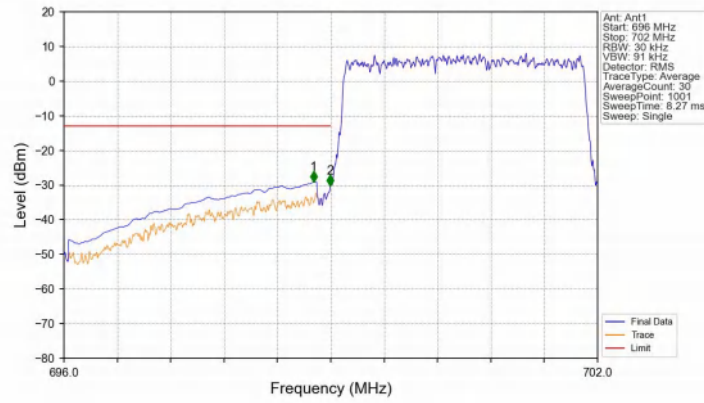
Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_LCH_700.5MHz_RB_1_0_NTNV

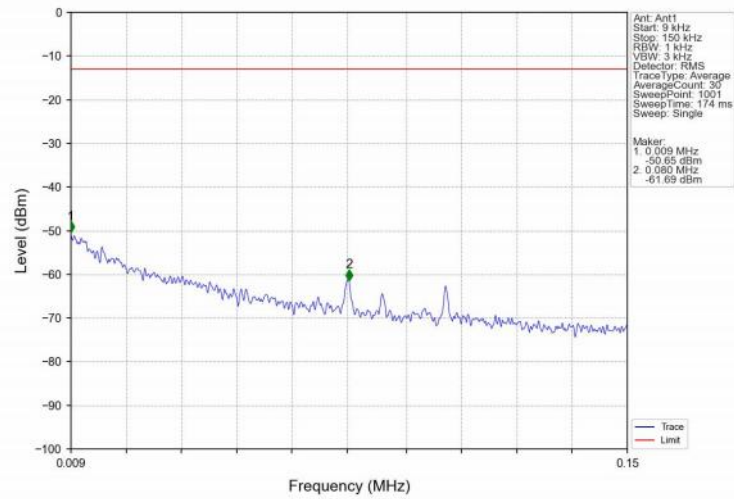


Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV

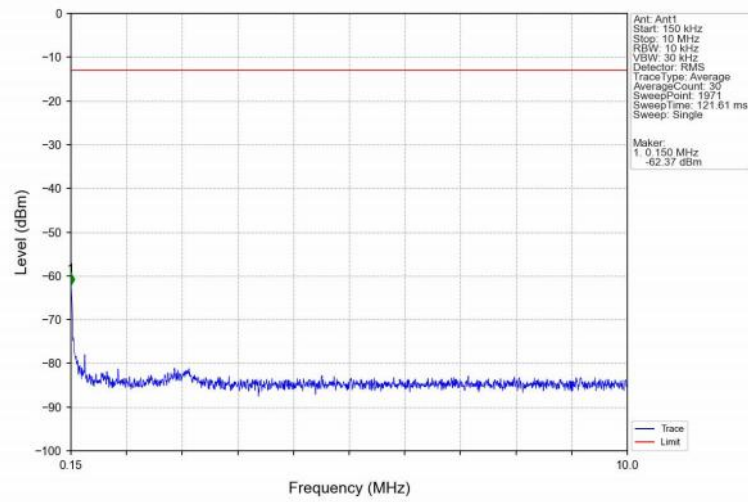


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.808	-29.18	-13	Pass
698.9	699	0.03	/	2	698.994	-30.27	-13	Pass
699	702	0.03	/	/	/	/	/	/

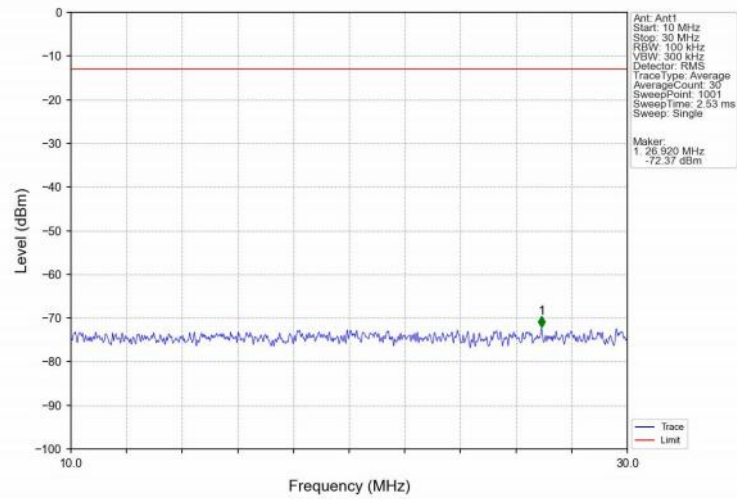
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



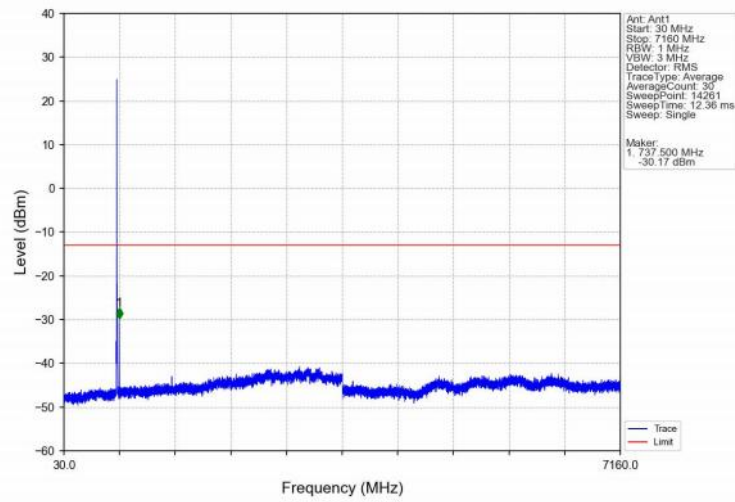
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



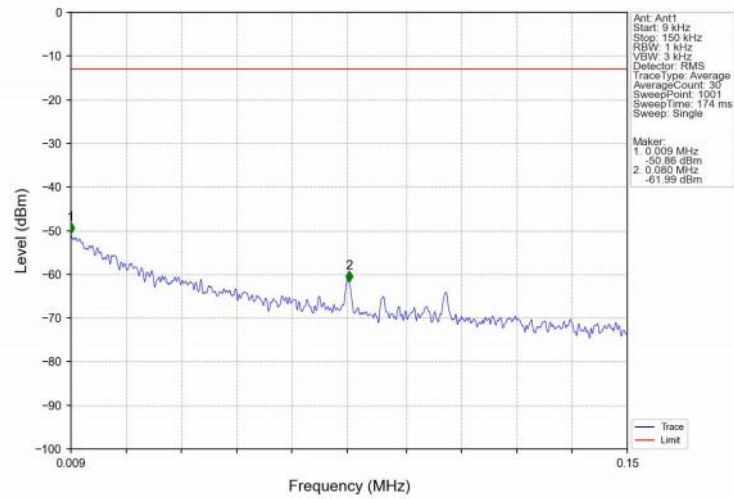
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



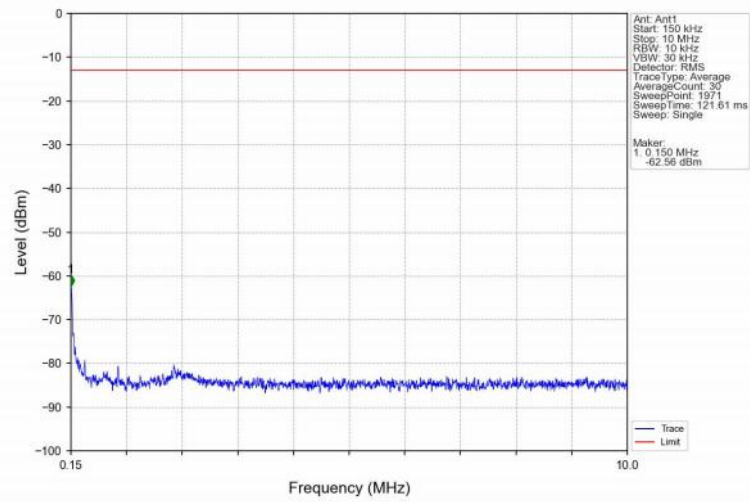
Band12_3MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



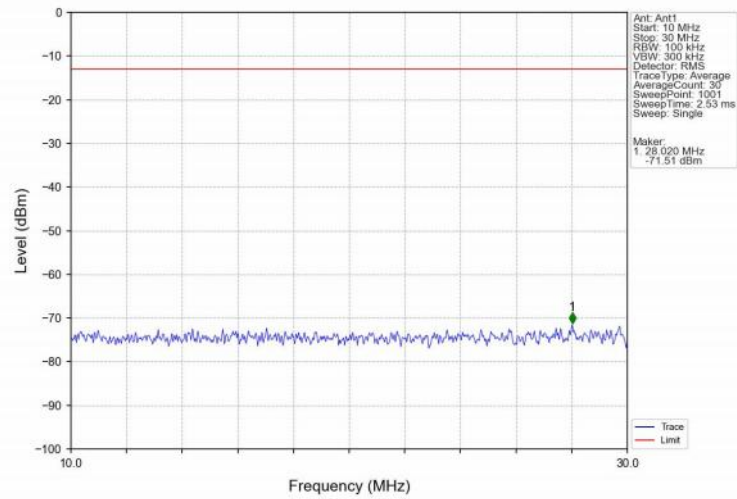
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



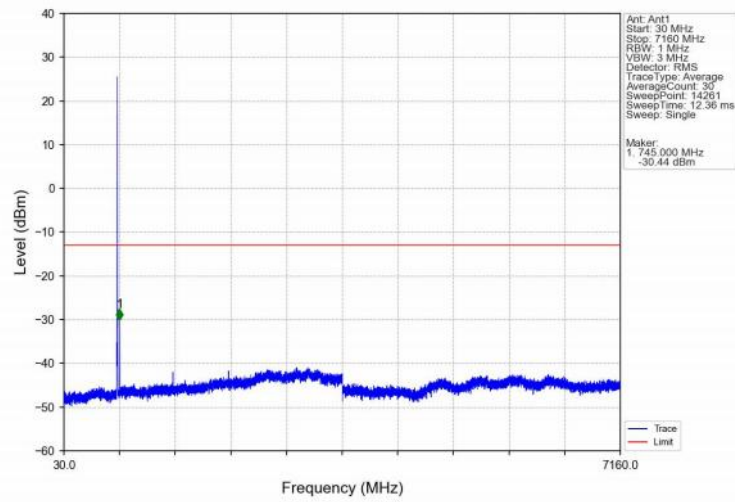
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



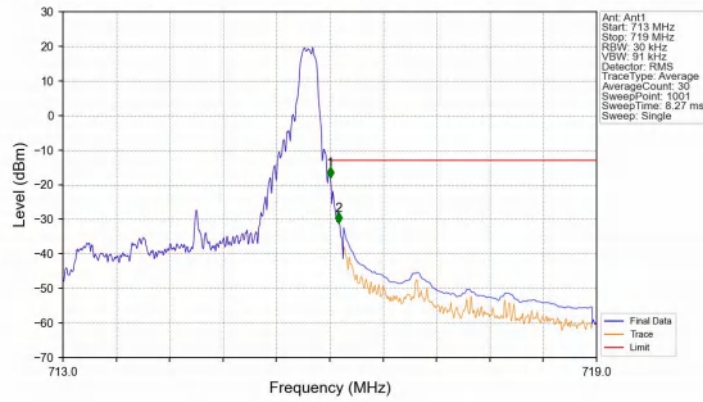
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV

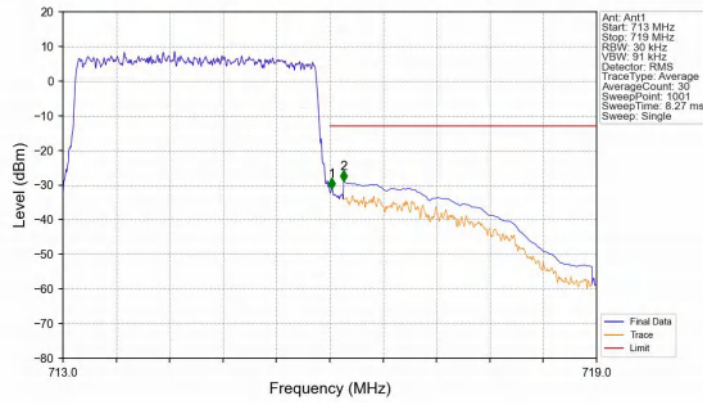


Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_14_NTNV



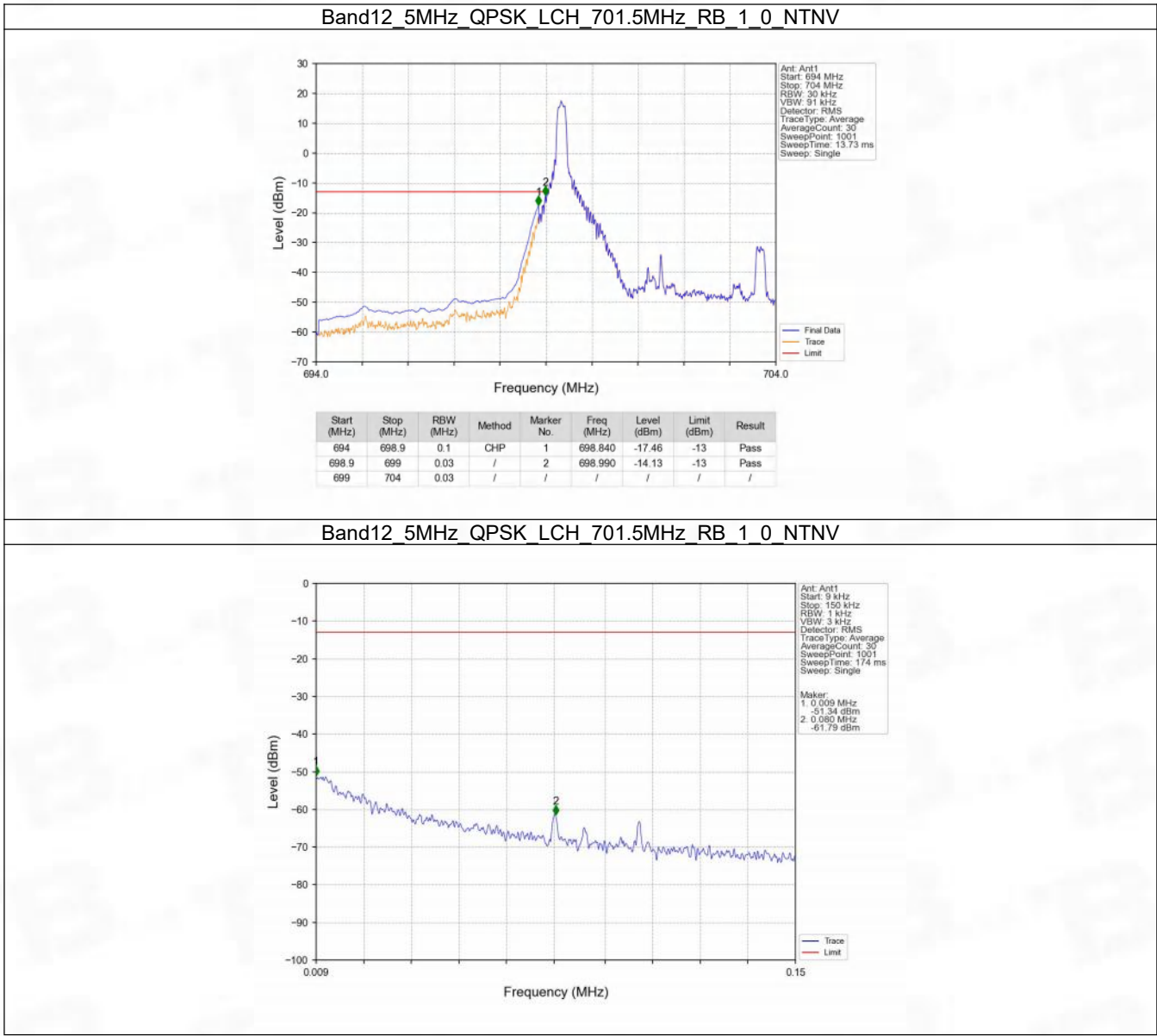
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-18.09	-13	Pass
716.1	719	0.1	CHP	2	716.102	-31.23	-13	Pass

Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV

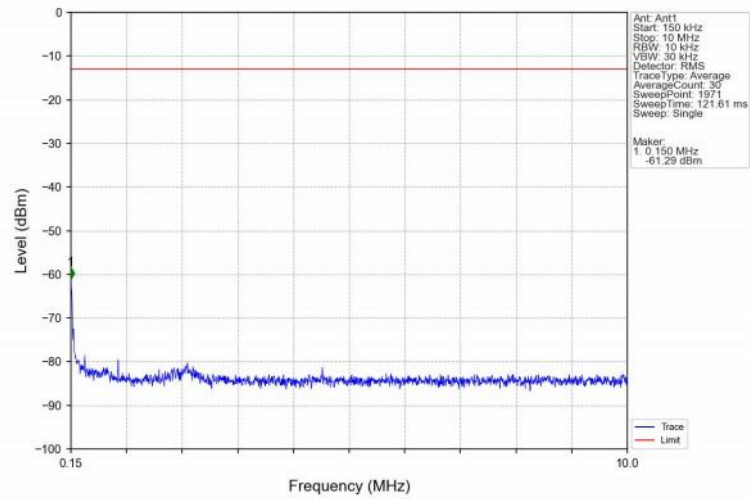


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.024	-31.16	-13	Pass
716.1	719	0.1	CHP	2	716.156	-28.91	-13	Pass

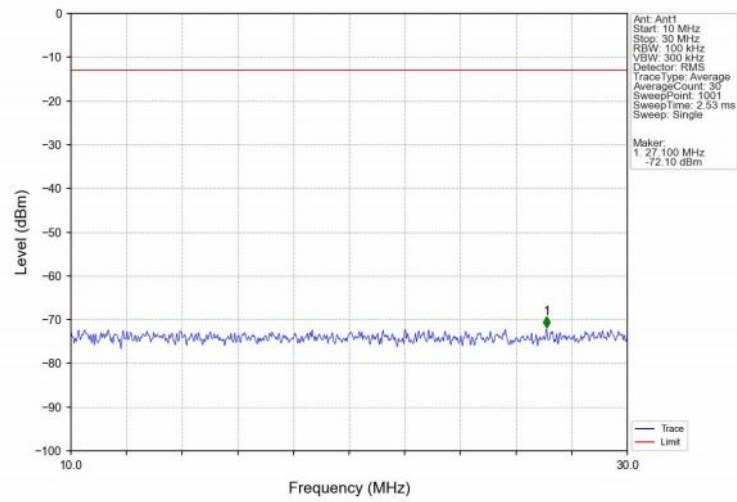
6.2.3 B12_5MHz



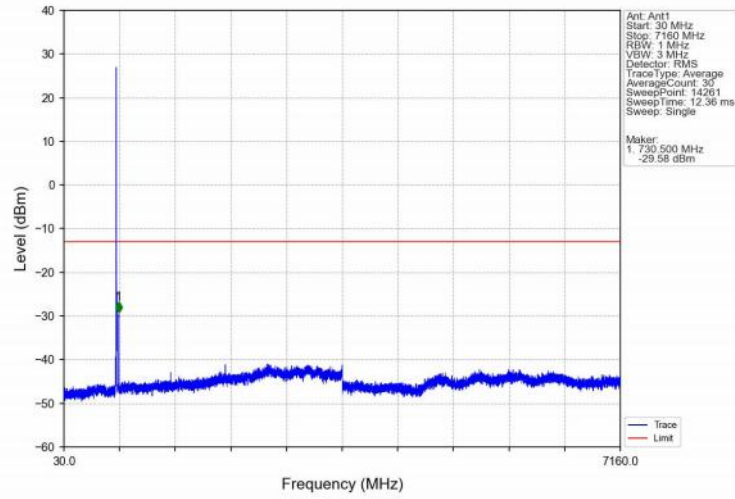
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



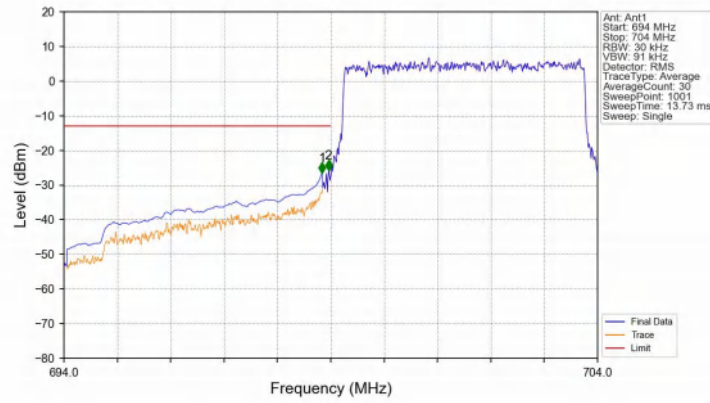
Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_LCH_701.5MHz_RB_1_0_NTNV

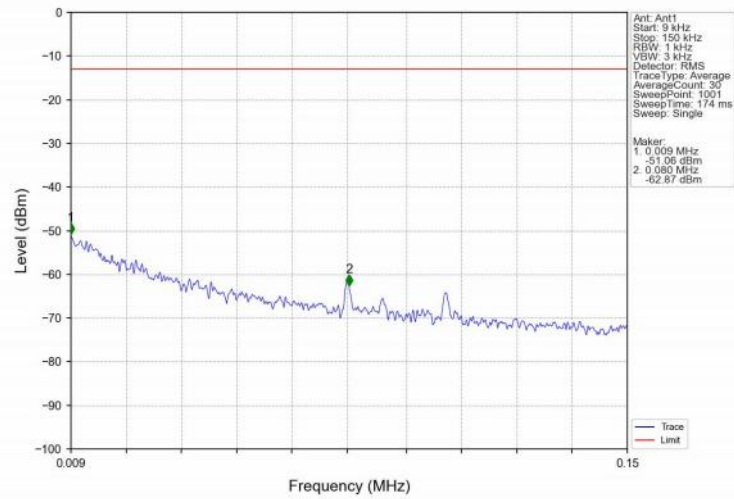


Band12_5MHz_QPSK_LCH_701.5MHz_RB_25_0_NTNV

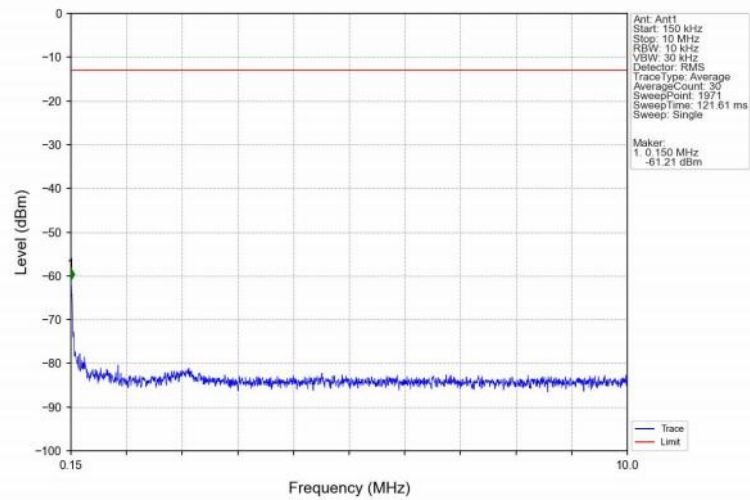


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-26.52	-13	Pass
698.9	699	0.03	/	2	698.960	-25.88	-13	Pass
699	704	0.03	/	/	/	/	/	/

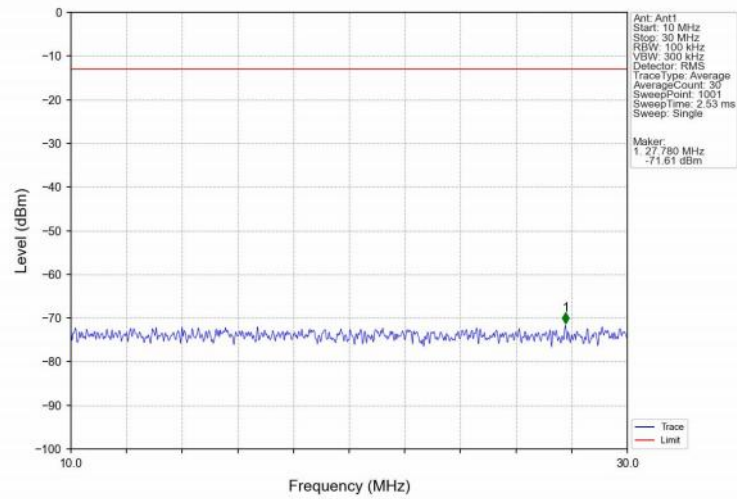
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



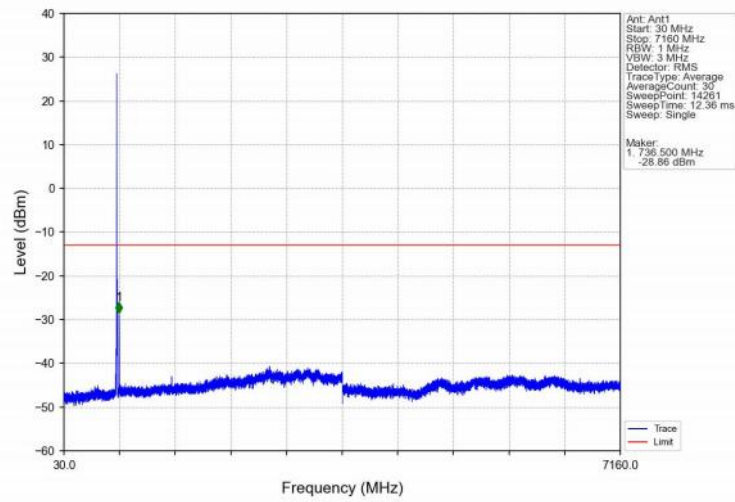
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



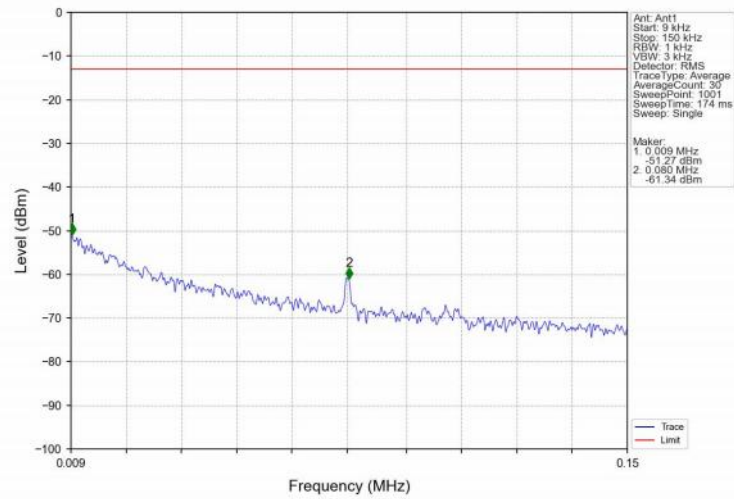
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



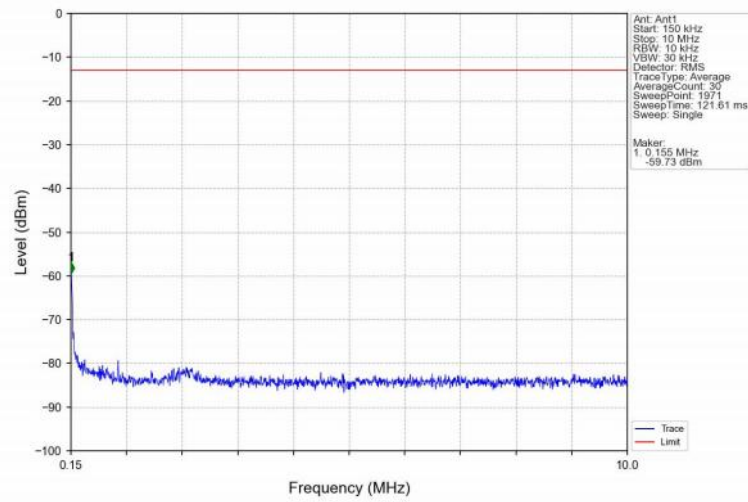
Band12_5MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



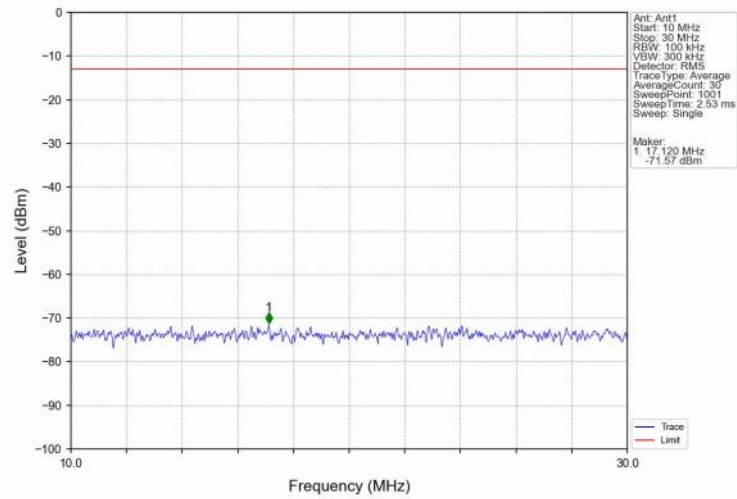
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



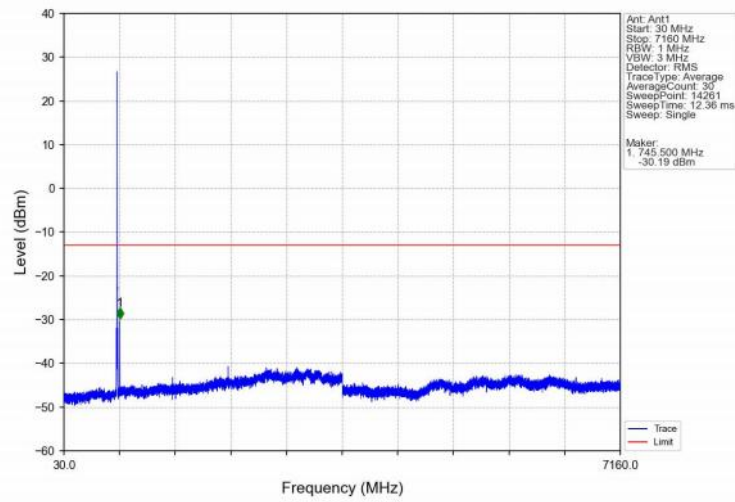
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



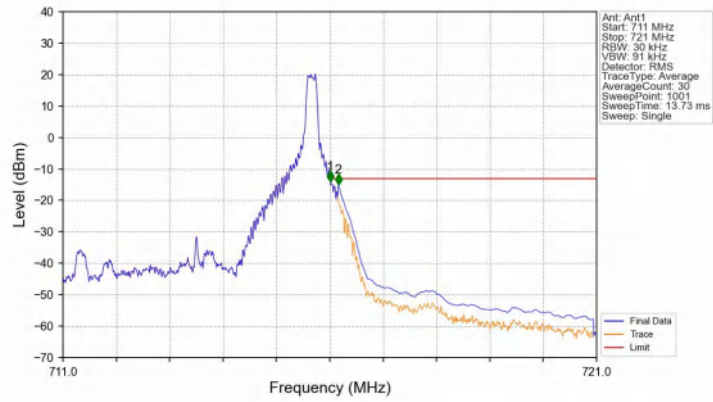
Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_0_NTNV

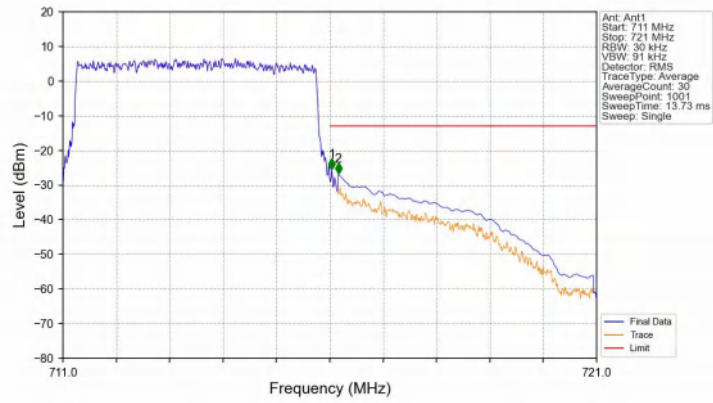


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



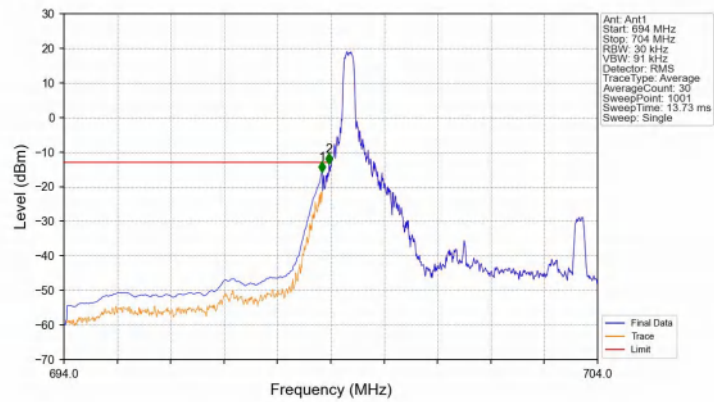
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-14.11	-13	Pass
716.1	721	0.1	CHP	2	716.160	-15.12	-13	Pass

Band12_5MHz_QPSK_HCH_713.5MHz_RB_25_0_NTNV



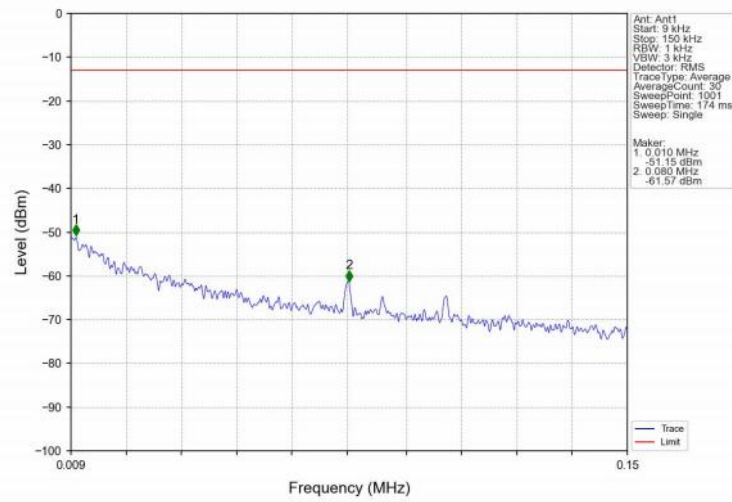
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.040	-25.48	-13	Pass
716.1	721	0.1	CHP	2	716.160	-26.80	-13	Pass

Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

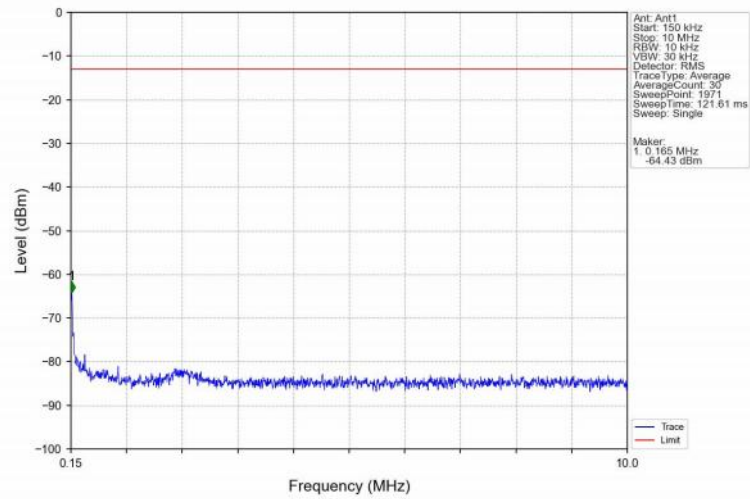


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-15.85	-13	Pass
698.9	699	0.03	/	2	698.970	-13.54	-13	Pass
699	704	0.03	/	/	/	/	/	/

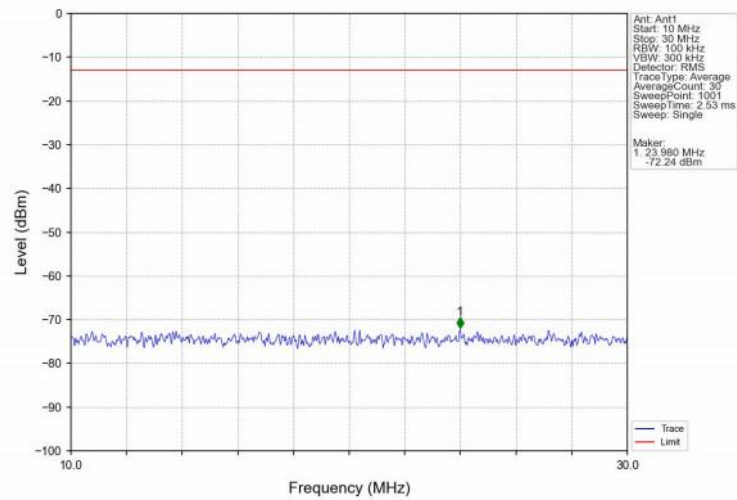
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



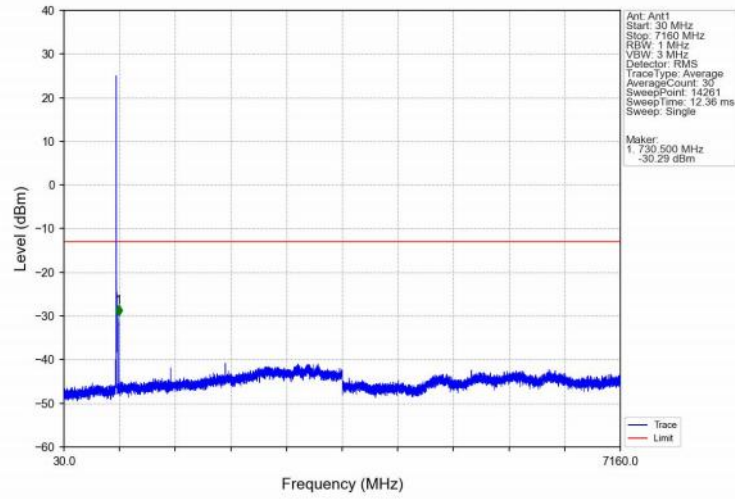
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



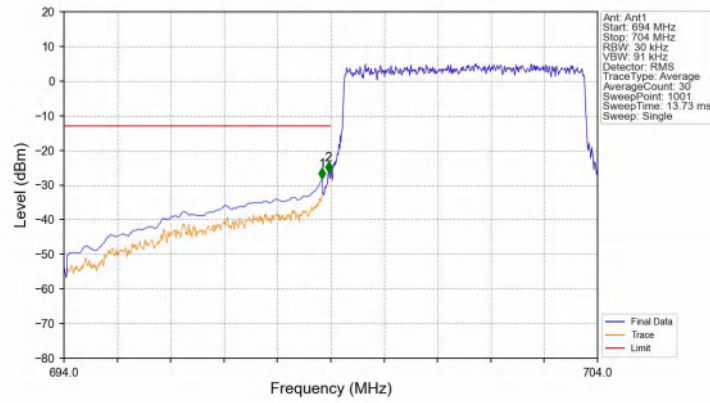
Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_LCH_701.5MHz_RB_1_0_NTNV

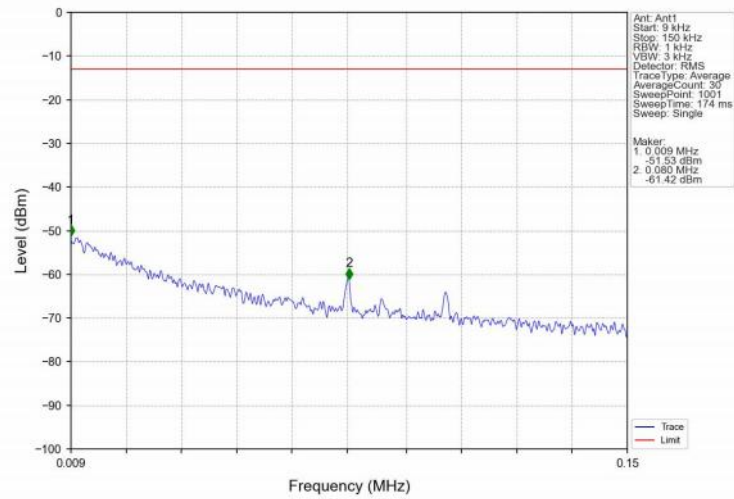


Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV

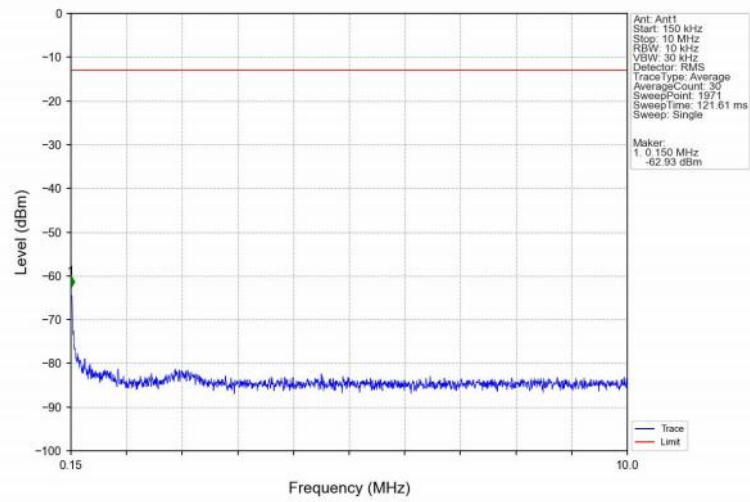


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-28.21	-13	Pass
698.9	699	0.03	/	2	698.960	-26.38	-13	Pass
699	704	0.03	/	/	/	/	/	/

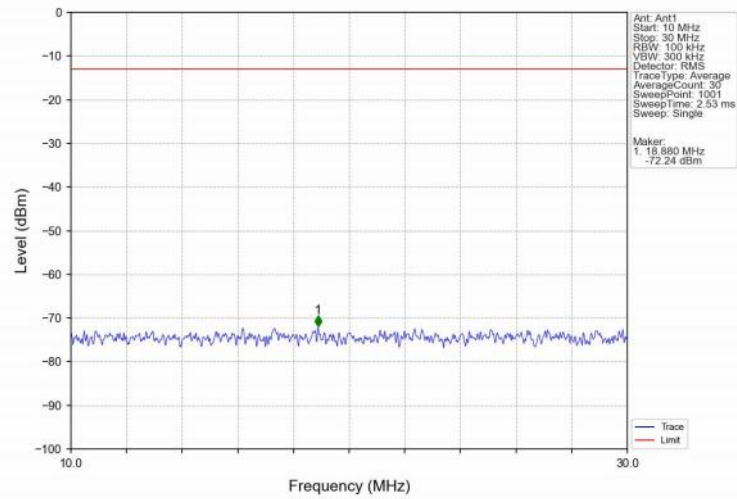
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



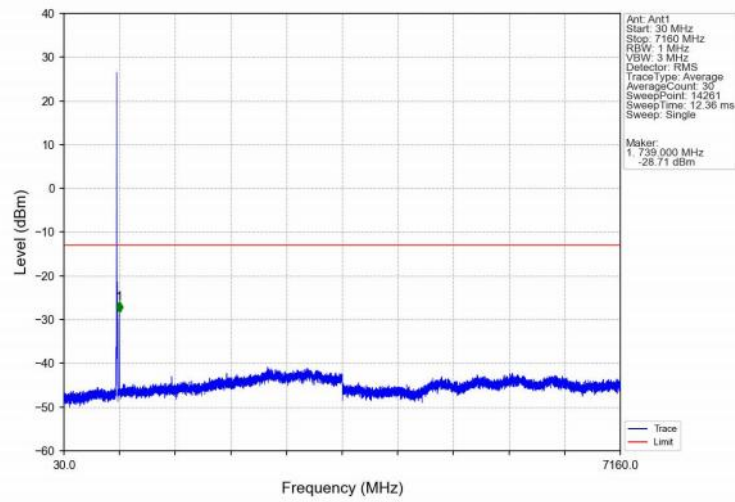
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



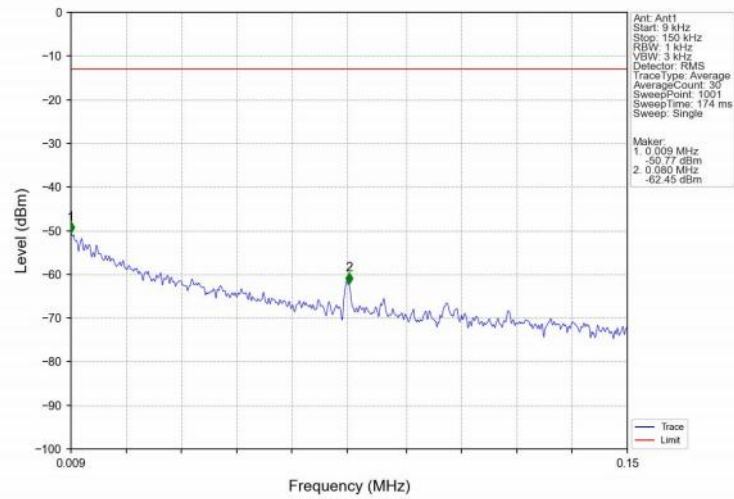
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



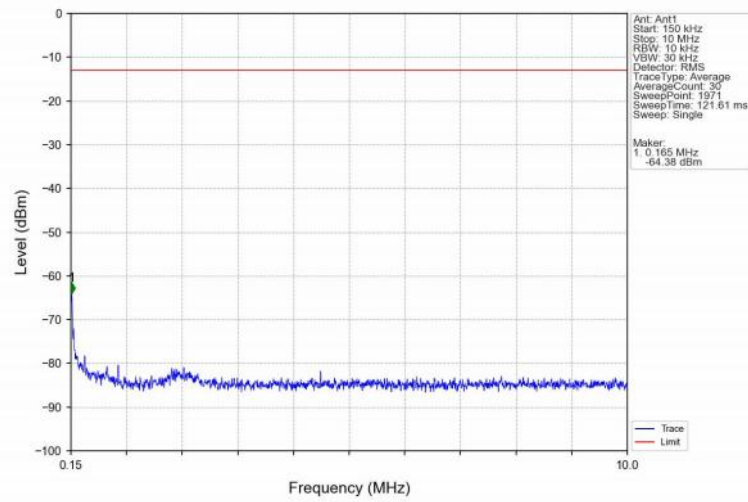
Band12_5MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



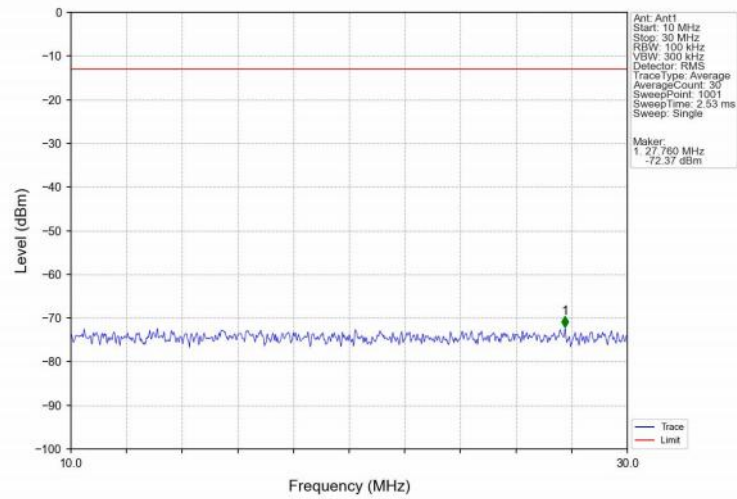
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



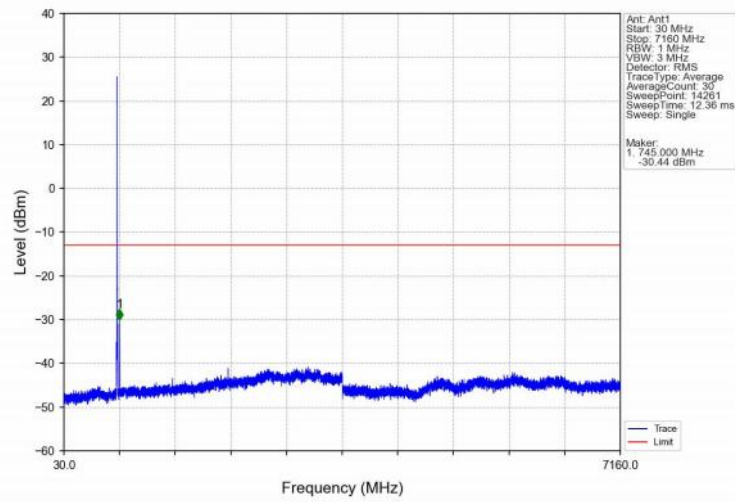
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



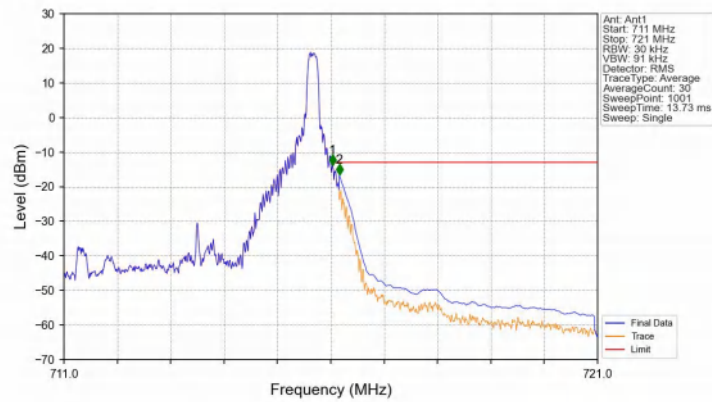
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV

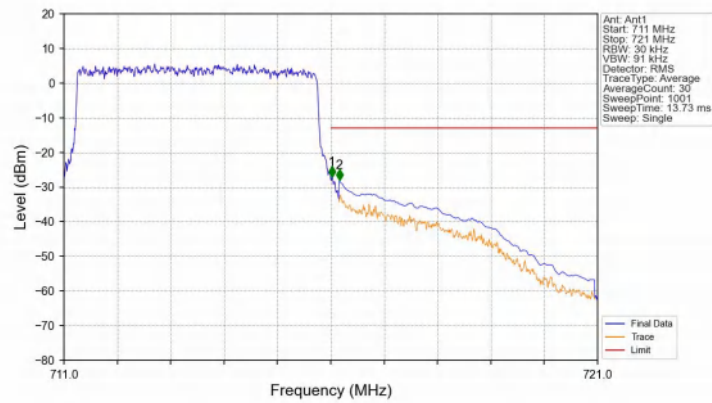


Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_24_NTNV



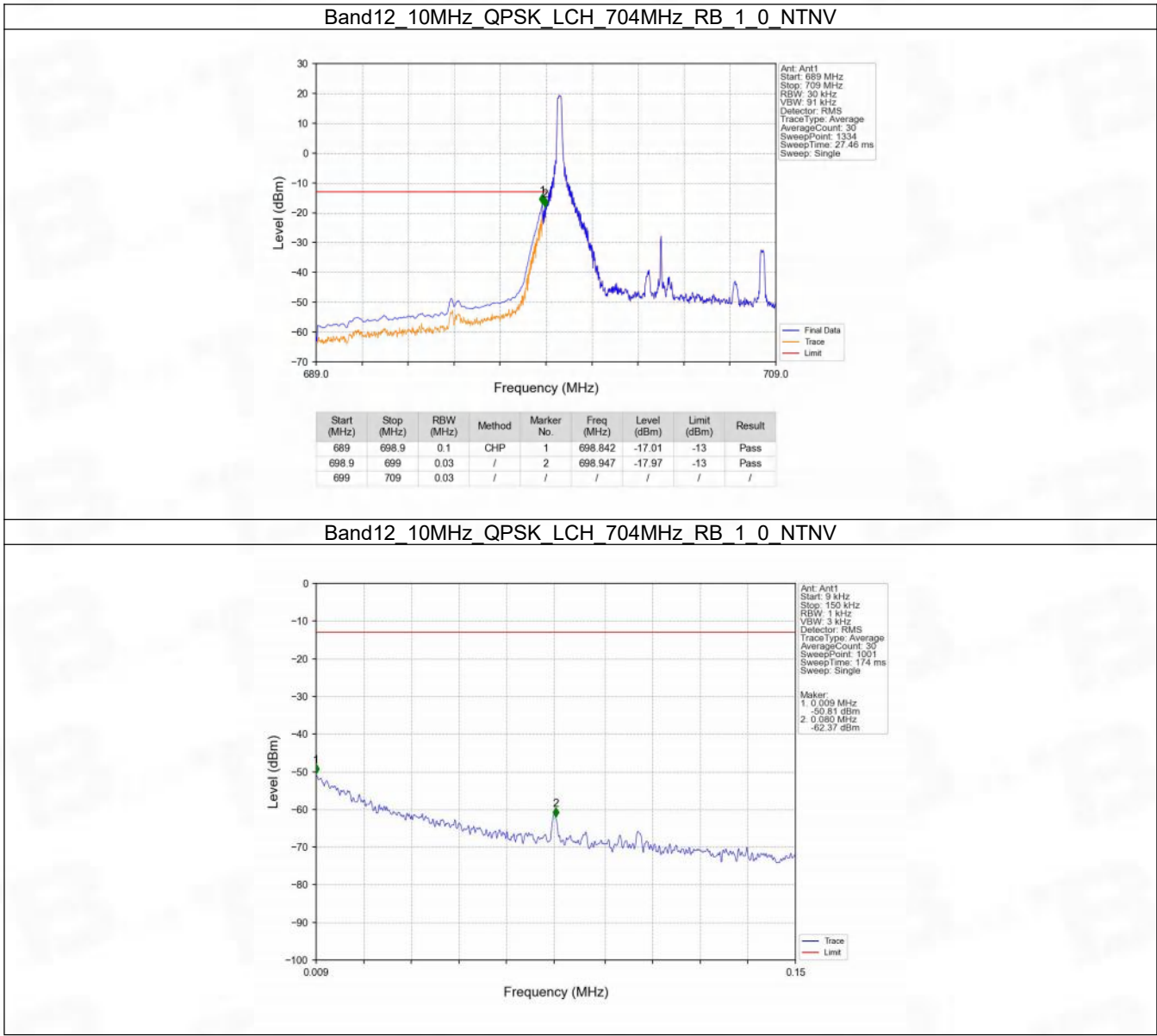
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-13.82	-13	Pass
716.1	721	0.1	CHP	2	716.160	-16.63	-13	Pass

Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV

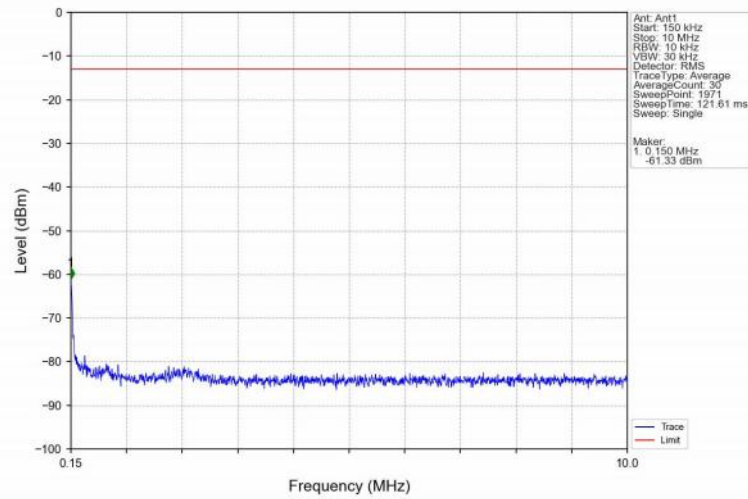


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.020	-27.16	-13	Pass
716.1	721	0.1	CHP	2	716.160	-27.98	-13	Pass

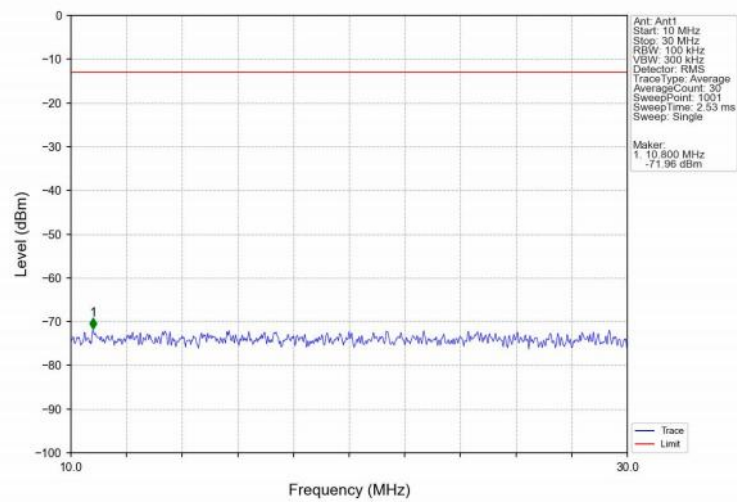
6.2.4 B12_10MHz



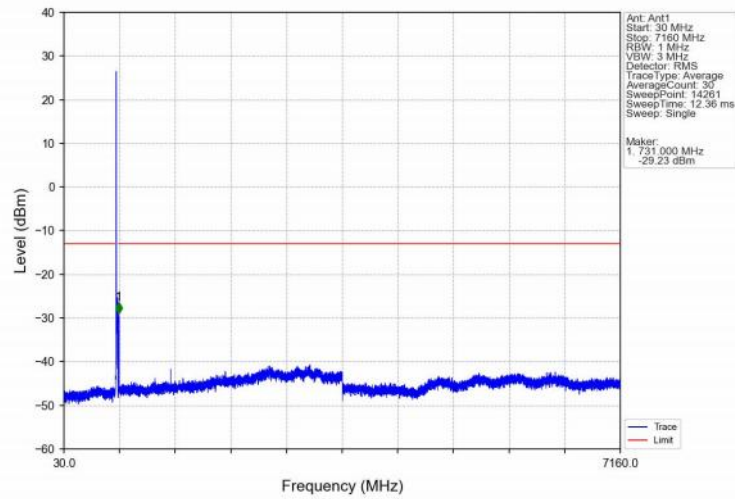
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



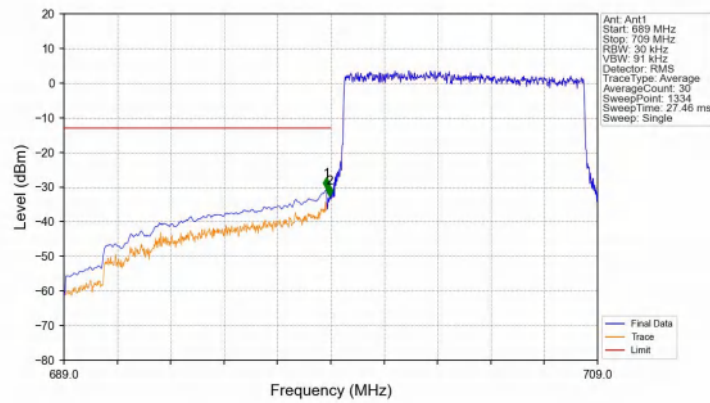
Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_LCH_704MHz_RB_1_0_NTNV

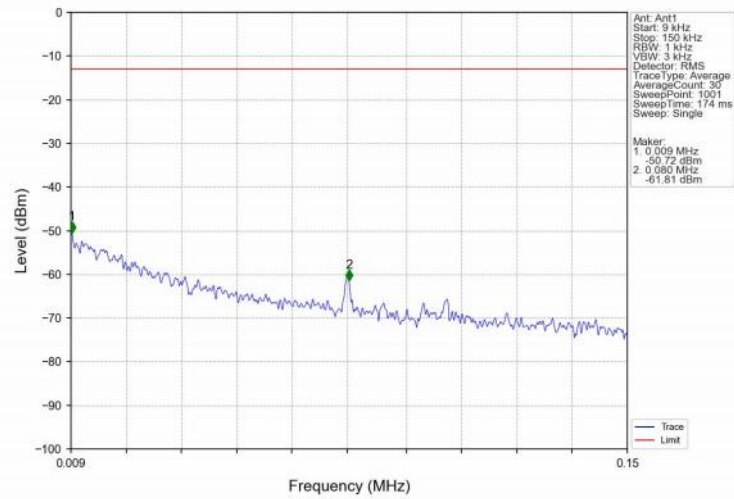


Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV

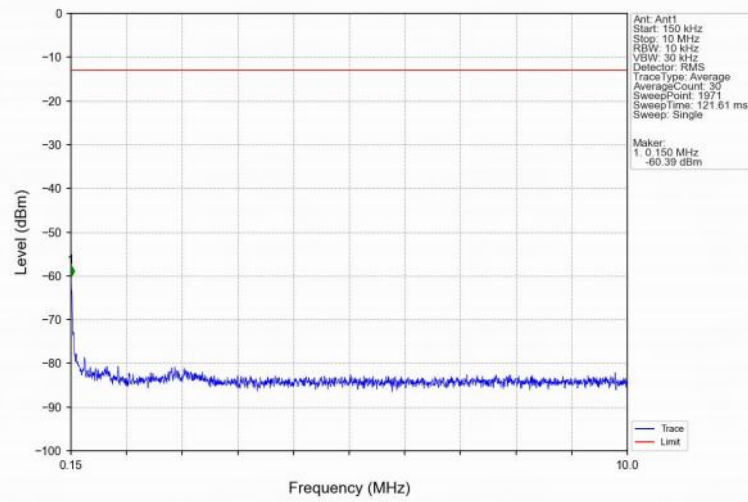


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-30.37	-13	Pass
698.9	699	0.03	/	2	698.962	-32.61	-13	Pass
699	709	0.03	/	/	/	/	/	/

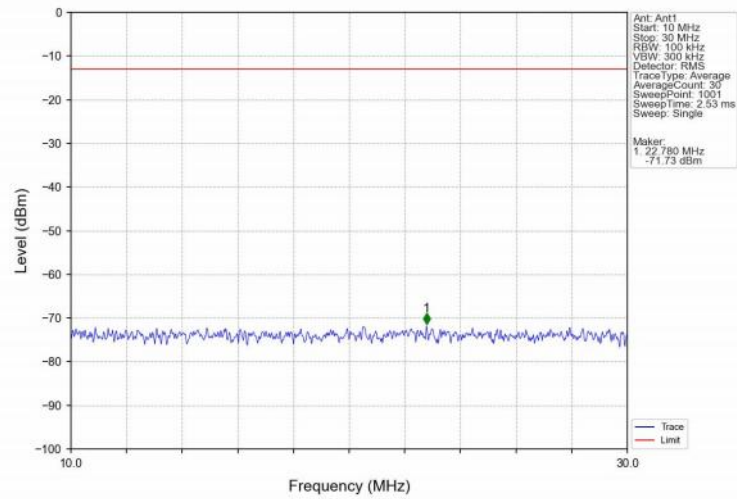
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



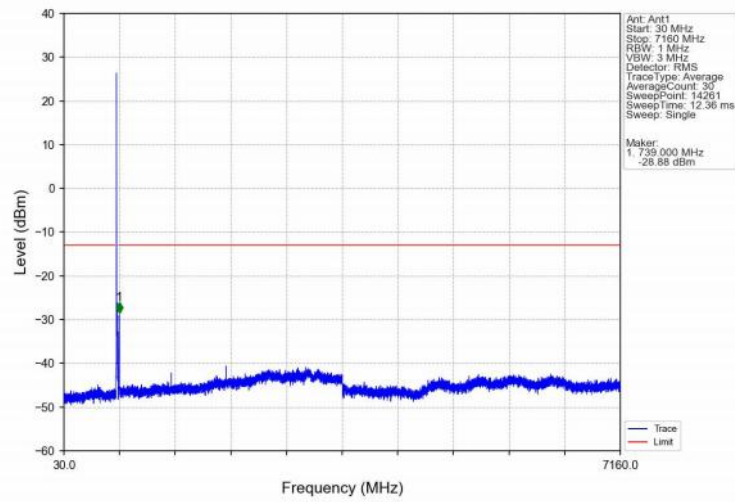
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



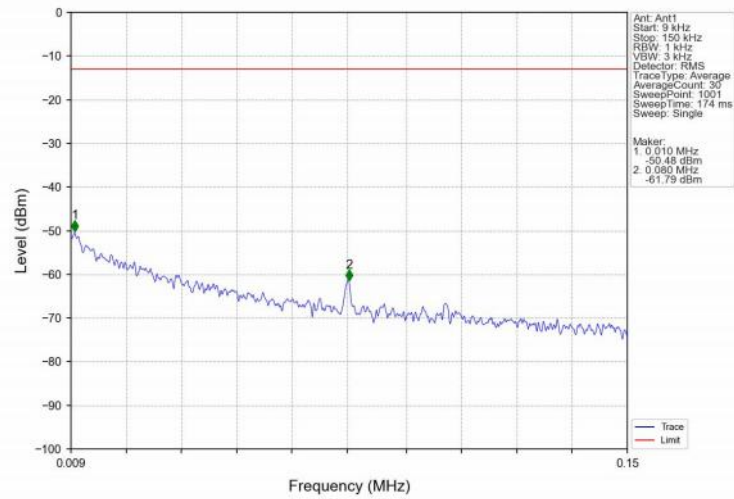
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



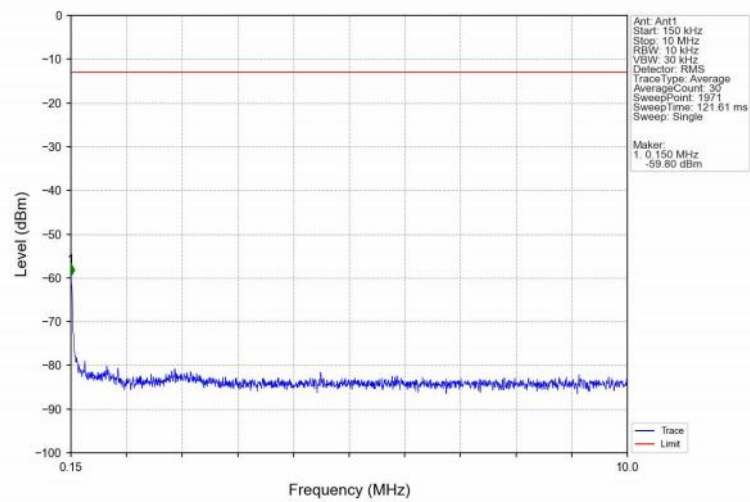
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTNV



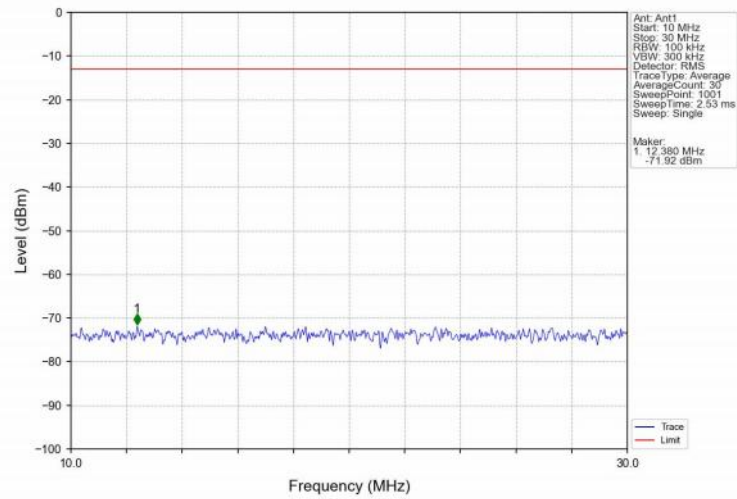
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



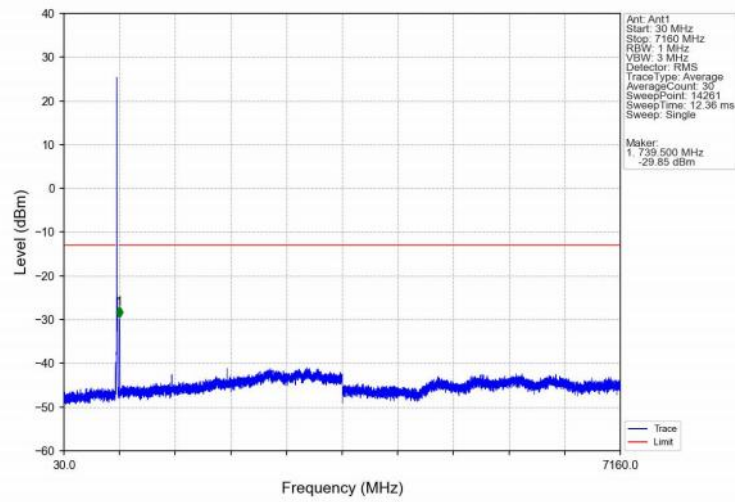
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



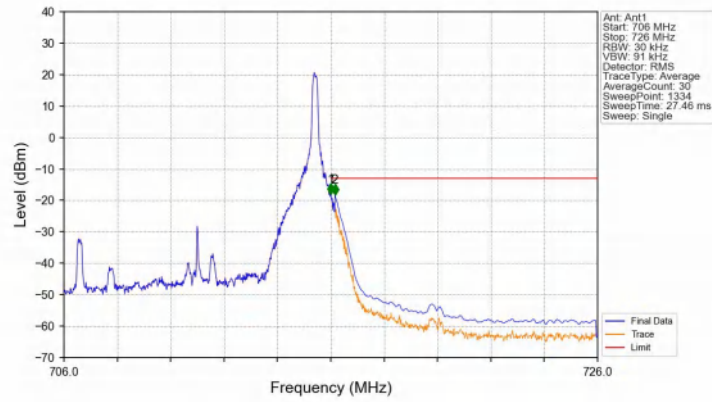
Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_QPSK_HCH_711MHz_RB_1_0_NTNV

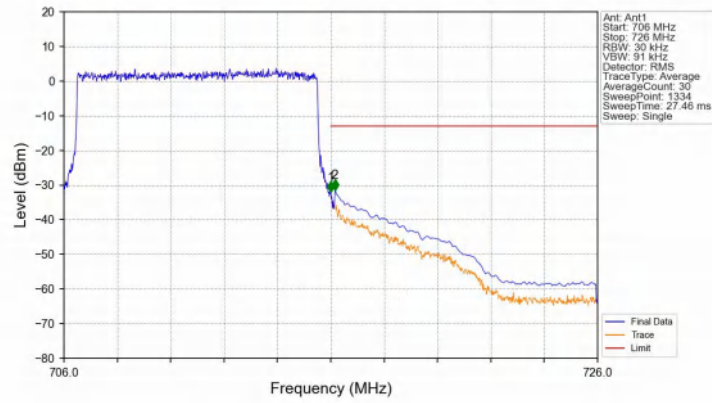


Band12_10MHz_QPSK_HCH_711MHz_RB_1_49_NTNV



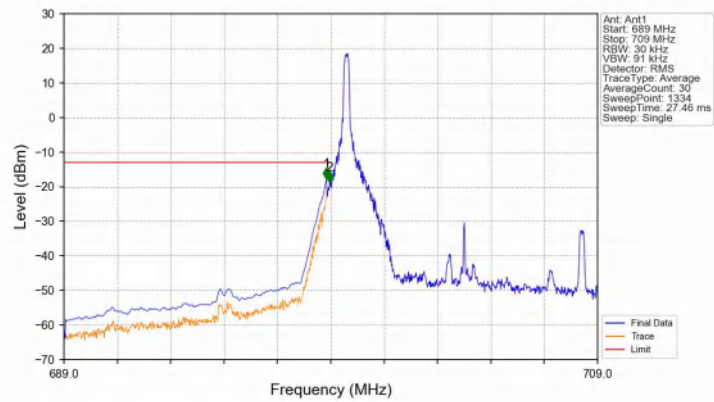
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-18.06	-13	Pass
716.1	726	0.1	CHP	2	716.158	-18.23	-13	Pass

Band12_10MHz_QPSK_HCH_711MHz_RB_50_0_NTNV



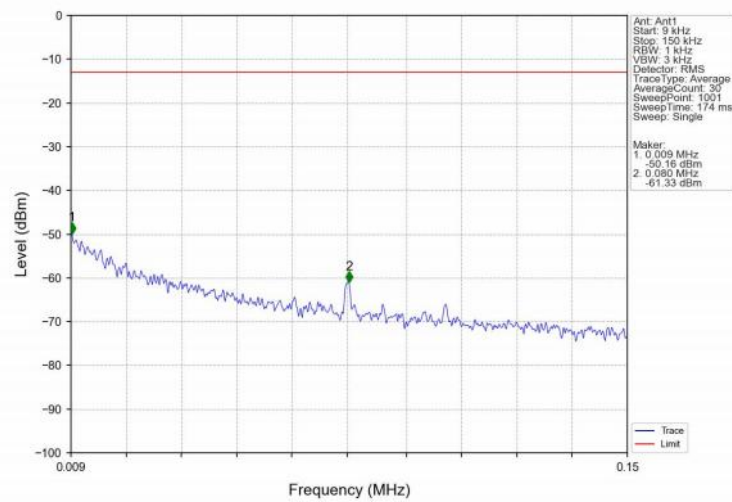
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-31.98	-13	Pass
716.1	726	0.1	CHP	2	716.158	-31.47	-13	Pass

Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

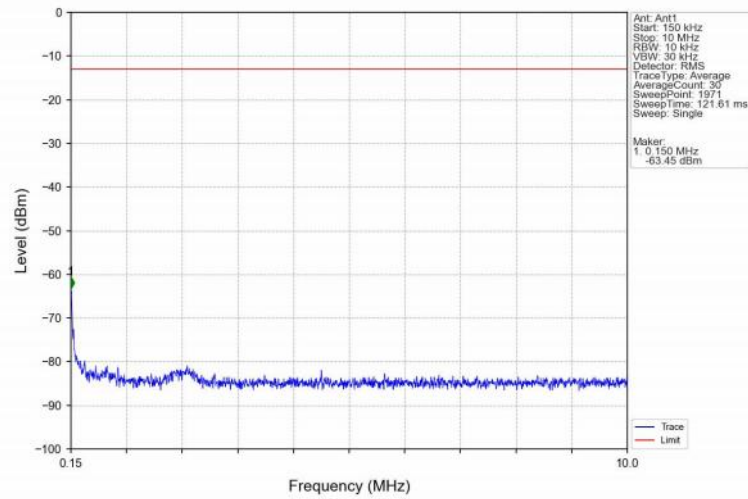


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-17.61	-13	Pass
698.9	699	0.03	/	2	698.962	-18.78	-13	Pass
699	709	0.03	/	/	/	/	/	/

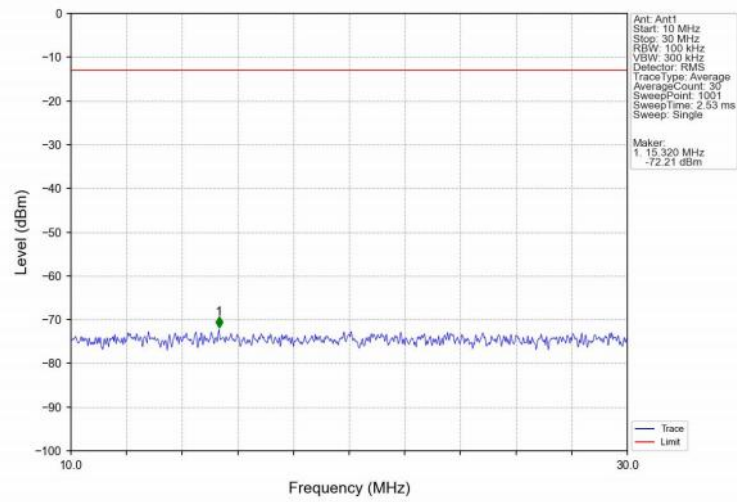
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



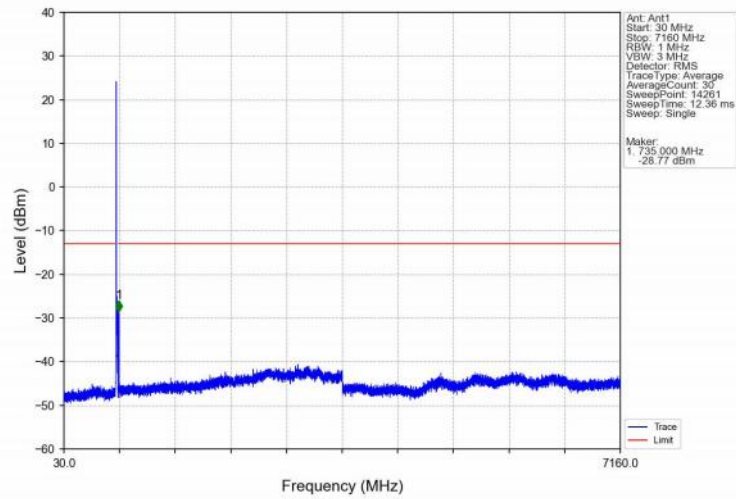
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



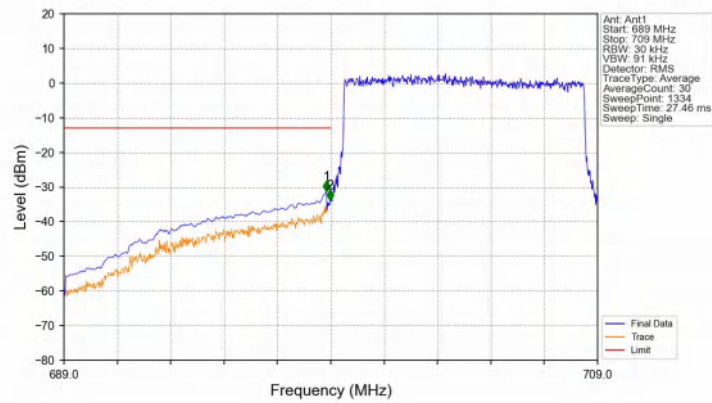
Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_LCH_704MHz_RB_1_0_NTNV

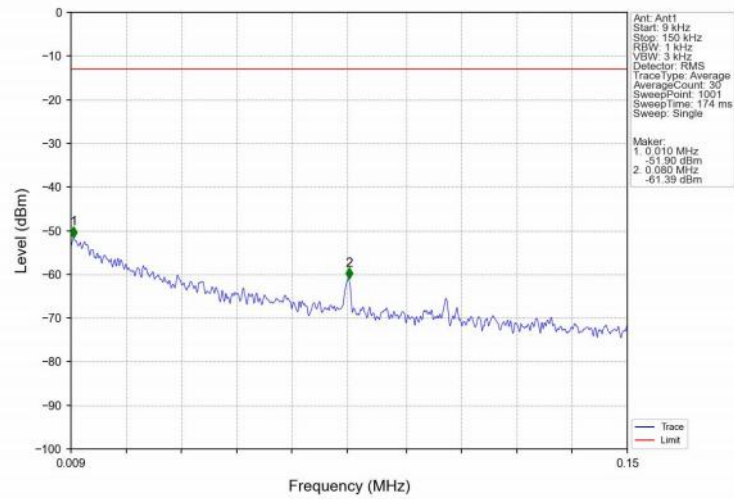


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

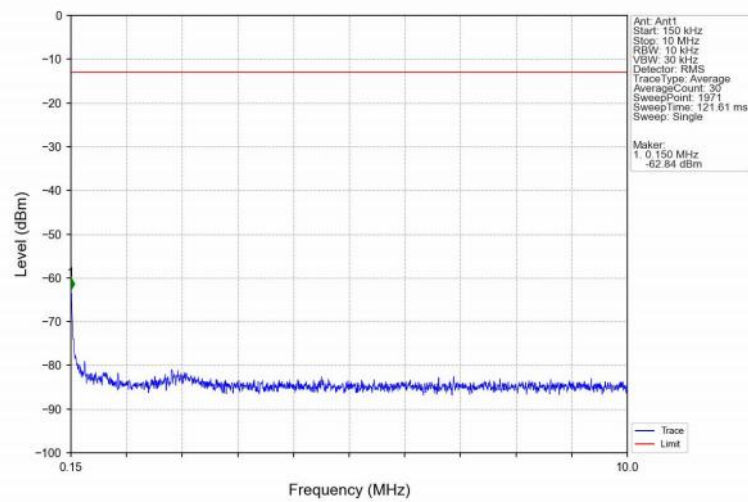


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-31.27	-13	Pass
698.9	699	0.03	/	2	698.977	-33.78	-13	Pass
699	709	0.03	/	/	/	/	/	/

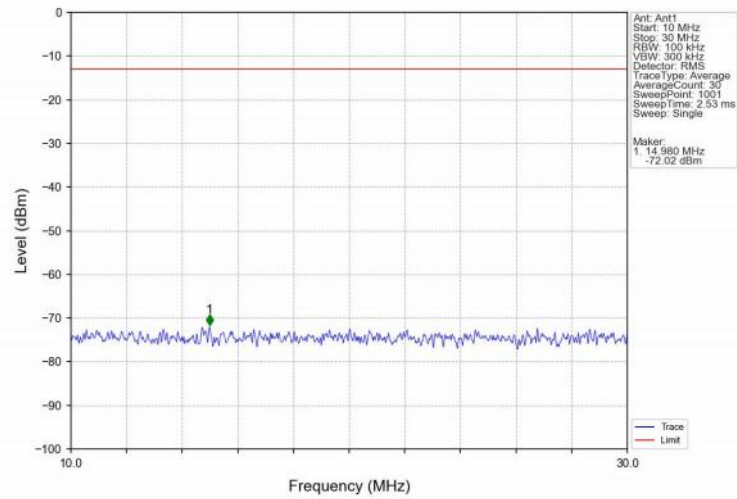
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



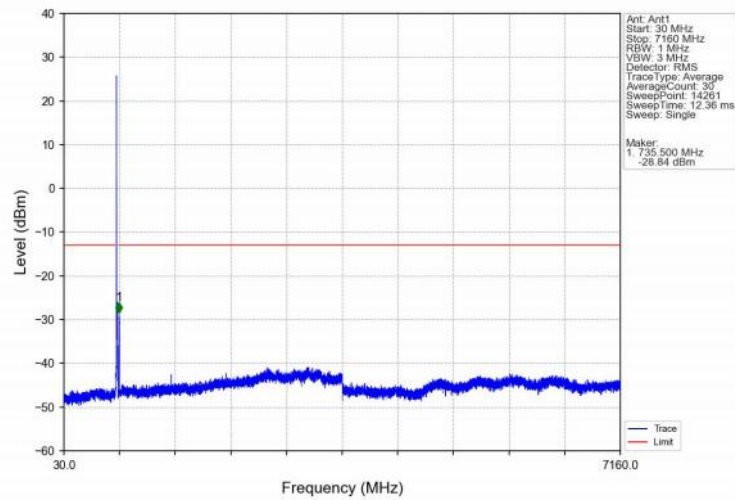
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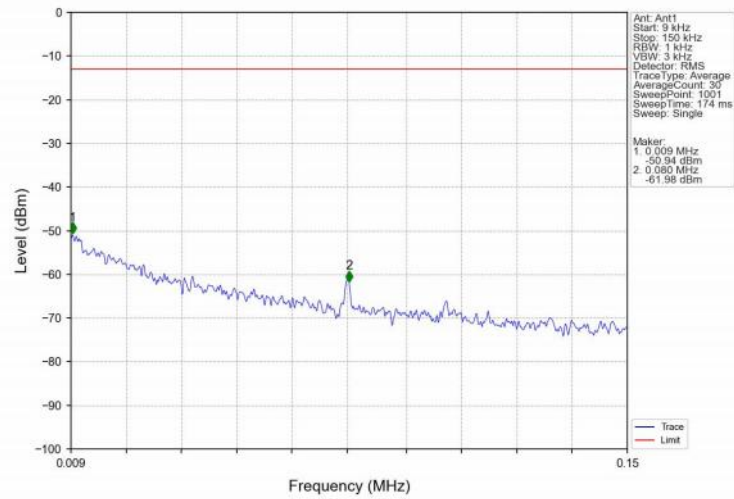
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



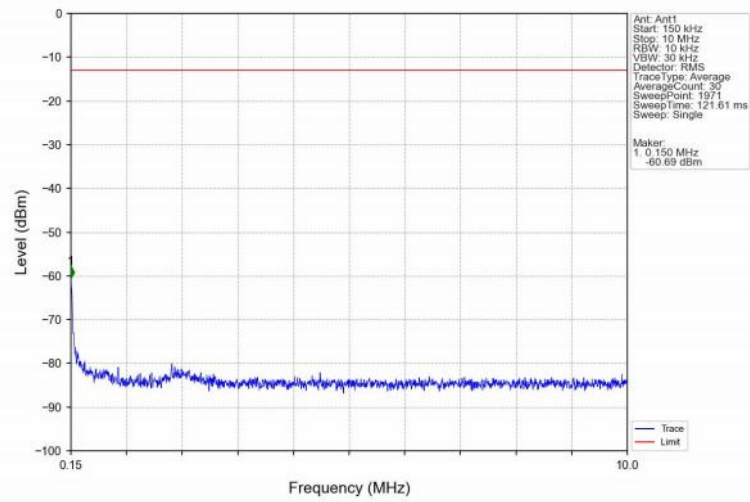
Band12_10MHz_16QAM_MCH_707.5MHz_RB_1_0_NTNV



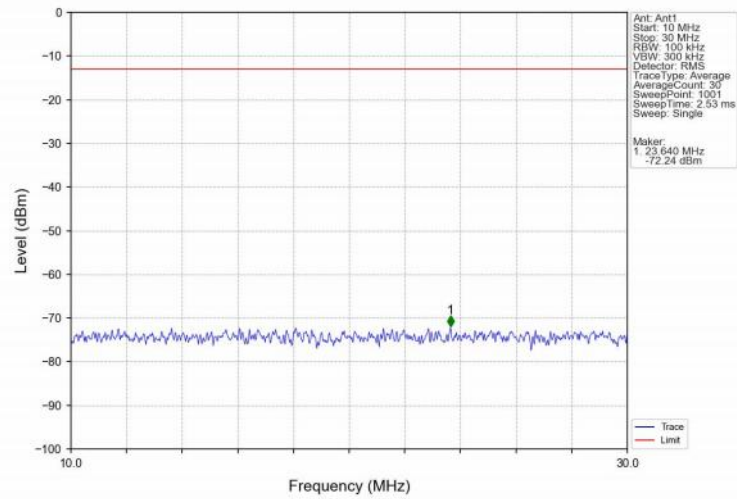
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



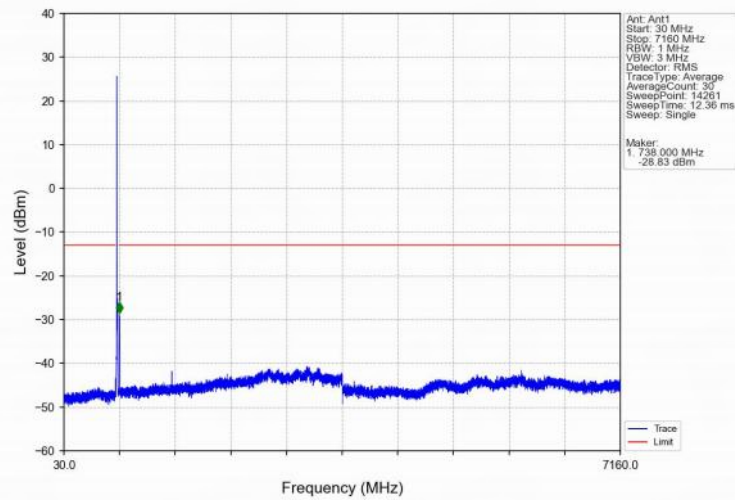
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



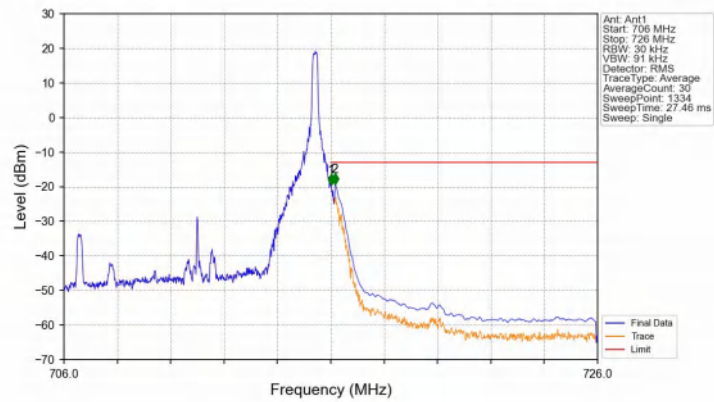
Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV



Band12_10MHz_16QAM_HCH_711MHz_RB_1_0_NTNV

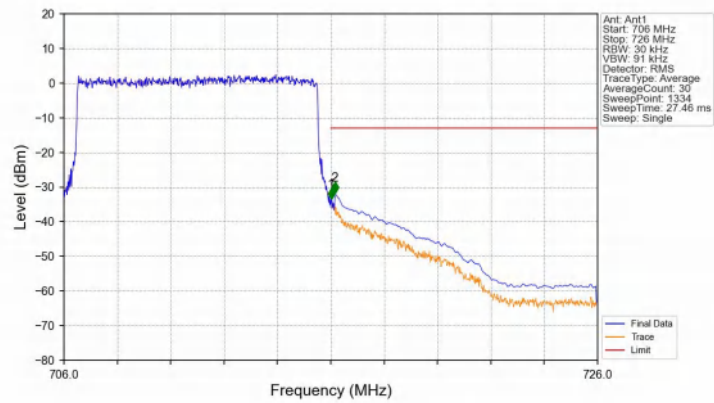


Band12_10MHz_16QAM_HCH_711MHz_RB_1_49_NTNV



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	716.023	-19.41	-13	Pass
716.1	726	0.1	CHP	2	716.158	-19.24	-13	Pass

Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-33.42	-13	Pass
716.1	726	0.1	CHP	2	716.158	-31.61	-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)
12	1.4	699.7	715.3	0.8166	0.0153	ppm	1M12G7D	27H	29.12
12	1.4	699.7	715.3	0.6745	0.0157	ppm	1M11W7D	27H	28.29
12	3	700.5	714.5	0.8453	0.0141	ppm	2M74G7D	27H	29.27
12	3	700.5	714.5	0.7178	0.0150	ppm	2M72W7D	27H	28.56
12	5	701.5	713.5	0.8147	0.0150	ppm	4M57G7D	27H	29.11
12	5	701.5	713.5	0.6607	0.0170	ppm	4M58W7D	27H	28.20
12	10	704	711	0.8356	0.0134	ppm	9M07G7D	27H	29.22
12	10	704	711	0.6792	0.0150	ppm	9M10W7D	27H	28.32

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
12	1.4	699.7	715.3	0.4560	0.0153	ppm	1M12G7D	27H	26.59
12	1.4	699.7	715.3	0.3767	0.0157	ppm	1M11W7D	27H	25.76
12	3	700.5	714.5	0.4721	0.0141	ppm	2M74G7D	27H	26.74
12	3	700.5	714.5	0.4009	0.0150	ppm	2M72W7D	27H	26.03
12	5	701.5	713.5	0.4550	0.0150	ppm	4M57G7D	27H	26.58
12	5	701.5	713.5	0.3690	0.0170	ppm	4M58W7D	27H	25.67
12	10	704	711	0.4667	0.0134	ppm	9M07G7D	27H	26.69
12	10	704	711	0.3793	0.0150	ppm	9M10W7D	27H	25.79