

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	27.95	0.65	28.60	<=30	Pass
			2	28.08	0.65	28.73	<=30	Pass
			5	28.00	0.65	28.65	<=30	Pass
		3	0	28.05	0.65	28.70	<=30	Pass
			2	28.12	0.65	28.77	<=30	Pass
			3	28.06	0.65	28.71	<=30	Pass
		6	0	27.06	0.65	27.71	<=30	Pass
	1732.5	1	0	28.00	0.65	28.65	<=30	Pass
			2	28.13	0.65	28.78	<=30	Pass
			5	28.02	0.65	28.67	<=30	Pass
		3	0	28.04	0.65	28.69	<=30	Pass
			2	28.06	0.65	28.71	<=30	Pass
			3	28.04	0.65	28.69	<=30	Pass
		6	0	27.05	0.65	27.70	<=30	Pass
	1754.3	1	0	27.97	0.65	28.62	<=30	Pass
			2	28.03	0.65	28.68	<=30	Pass
			5	27.98	0.65	28.63	<=30	Pass
		3	0	28.03	0.65	28.68	<=30	Pass
			2	28.07	0.65	28.72	<=30	Pass
			3	28.00	0.65	28.65	<=30	Pass
		6	0	27.06	0.65	27.71	<=30	Pass
16QAM	1710.7	1	0	26.97	0.65	27.62	<=30	Pass
			2	27.10	0.65	27.75	<=30	Pass
			5	27.00	0.65	27.65	<=30	Pass
		3	0	27.21	0.65	27.86	<=30	Pass
			2	27.24	0.65	27.89	<=30	Pass
			3	27.22	0.65	27.87	<=30	Pass
		6	0	26.07	0.65	26.72	<=30	Pass
	1732.5	1	0	26.96	0.65	27.61	<=30	Pass
			2	27.05	0.65	27.70	<=30	Pass
			5	27.03	0.65	27.68	<=30	Pass
		3	0	27.03	0.65	27.68	<=30	Pass
			2	27.06	0.65	27.71	<=30	Pass
			3	27.00	0.65	27.65	<=30	Pass
		6	0	25.92	0.65	26.57	<=30	Pass
	1754.3	1	0	27.11	0.65	27.76	<=30	Pass
			2	27.18	0.65	27.83	<=30	Pass
			5	27.13	0.65	27.78	<=30	Pass
		3	0	26.97	0.65	27.62	<=30	Pass
			2	27.02	0.65	27.67	<=30	Pass
			3	26.96	0.65	27.61	<=30	Pass
		6	0	26.04	0.65	26.69	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	1711.5	1	0	28.17	0.65	28.82	<=30	Pass	
			7	28.28	0.65	28.93	<=30	Pass	
			14	28.15	0.65	28.80	<=30	Pass	
		8	0	27.14	0.65	27.79	<=30	Pass	
			4	27.17	0.65	27.82	<=30	Pass	
			7	27.17	0.65	27.82	<=30	Pass	
		15	0	27.14	0.65	27.79	<=30	Pass	
		1732.5	1	0	28.09	0.65	28.74	<=30	Pass
				7	28.21	0.65	28.86	<=30	Pass
	14			28.09	0.65	28.74	<=30	Pass	
	8		0	27.11	0.65	27.76	<=30	Pass	
			4	27.12	0.65	27.77	<=30	Pass	
			7	27.10	0.65	27.75	<=30	Pass	
	15		0	27.07	0.65	27.72	<=30	Pass	
	1753.5		1	0	28.07	0.65	28.72	<=30	Pass
				7	28.19	0.65	28.84	<=30	Pass
		14		28.05	0.65	28.70	<=30	Pass	
		8	0	27.07	0.65	27.72	<=30	Pass	
			4	27.10	0.65	27.75	<=30	Pass	
			7	27.09	0.65	27.74	<=30	Pass	
		15	0	27.05	0.65	27.70	<=30	Pass	
16QAM		1711.5	1	0	27.19	0.65	27.84	<=30	Pass
				7	27.30	0.65	27.95	<=30	Pass
	14			27.18	0.65	27.83	<=30	Pass	
	8		0	26.17	0.65	26.82	<=30	Pass	
			4	26.22	0.65	26.87	<=30	Pass	
			7	26.20	0.65	26.85	<=30	Pass	
	15		0	26.14	0.65	26.79	<=30	Pass	
	1732.5		1	0	27.23	0.65	27.88	<=30	Pass
				7	27.34	0.65	27.99	<=30	Pass
		14		27.27	0.65	27.92	<=30	Pass	
		8	0	26.03	0.65	26.68	<=30	Pass	
			4	26.07	0.65	26.72	<=30	Pass	
			7	26.03	0.65	26.68	<=30	Pass	
		15	0	25.99	0.65	26.64	<=30	Pass	
		1753.5	1	0	27.62	0.65	28.27	<=30	Pass
				7	27.73	0.65	28.38	<=30	Pass
	14			27.58	0.65	28.23	<=30	Pass	
	8		0	26.19	0.65	26.84	<=30	Pass	
			4	26.25	0.65	26.90	<=30	Pass	
			7	26.21	0.65	26.86	<=30	Pass	
	15		0	26.09	0.65	26.74	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	28.12	0.65	28.77	<=30	Pass
			13	28.16	0.65	28.81	<=30	Pass
			24	28.13	0.65	28.78	<=30	Pass
		12	0	27.08	0.65	27.73	<=30	Pass
			6	27.20	0.65	27.85	<=30	Pass
			13	27.14	0.65	27.79	<=30	Pass

16QAM	1732.5	25	0	27.12	0.65	27.77	<=30	Pass
		1	0	28.09	0.65	28.74	<=30	Pass
			13	28.17	0.65	28.82	<=30	Pass
			24	28.07	0.65	28.72	<=30	Pass
		12	0	27.13	0.65	27.78	<=30	Pass
			6	27.20	0.65	27.85	<=30	Pass
			13	27.07	0.65	27.72	<=30	Pass
		25	0	27.12	0.65	27.77	<=30	Pass
	1752.5	1	0	28.06	0.65	28.71	<=30	Pass
			13	28.20	0.65	28.85	<=30	Pass
			24	28.09	0.65	28.74	<=30	Pass
		12	0	27.08	0.65	27.73	<=30	Pass
			6	27.14	0.65	27.79	<=30	Pass
			13	27.05	0.65	27.70	<=30	Pass
		25	0	27.07	0.65	27.72	<=30	Pass
	1712.5	1	0	27.22	0.65	27.87	<=30	Pass
			13	27.27	0.65	27.92	<=30	Pass
			24	27.20	0.65	27.85	<=30	Pass
		12	0	26.07	0.65	26.72	<=30	Pass
			6	26.14	0.65	26.79	<=30	Pass
			13	26.06	0.65	26.71	<=30	Pass
		25	0	26.14	0.65	26.79	<=30	Pass
	1732.5	1	0	27.29	0.65	27.94	<=30	Pass
			13	27.38	0.65	28.03	<=30	Pass
			24	27.27	0.65	27.92	<=30	Pass
		12	0	26.11	0.65	26.76	<=30	Pass
			6	26.15	0.65	26.80	<=30	Pass
			13	26.04	0.65	26.69	<=30	Pass
		25	0	26.08	0.65	26.73	<=30	Pass
	1752.5	1	0	26.93	0.65	27.58	<=30	Pass
			13	26.97	0.65	27.62	<=30	Pass
			24	26.92	0.65	27.57	<=30	Pass
		12	0	26.00	0.65	26.65	<=30	Pass
			6	26.07	0.65	26.72	<=30	Pass
			13	26.01	0.65	26.66	<=30	Pass
		25	0	26.07	0.65	26.72	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	28.21	0.65	28.86	<=30	Pass
			25	28.32	0.65	28.97	<=30	Pass
			49	28.22	0.65	28.87	<=30	Pass
		25	0	27.11	0.65	27.76	<=30	Pass
			13	27.18	0.65	27.83	<=30	Pass
			25	27.18	0.65	27.83	<=30	Pass
		50	0	27.13	0.65	27.78	<=30	Pass
	1732.5	1	0	28.16	0.65	28.81	<=30	Pass
			25	28.27	0.65	28.92	<=30	Pass
			49	28.14	0.65	28.79	<=30	Pass
		25	0	27.23	0.65	27.88	<=30	Pass
			13	27.15	0.65	27.80	<=30	Pass
			25	27.02	0.65	27.67	<=30	Pass
		50	0	27.08	0.65	27.73	<=30	Pass

	1750	1	0	28.08	0.65	28.73	<=30	Pass		
			25	28.13	0.65	28.78	<=30	Pass		
			49	28.08	0.65	28.73	<=30	Pass		
		25	0	27.04	0.65	27.69	<=30	Pass		
			13	27.05	0.65	27.70	<=30	Pass		
			25	27.06	0.65	27.71	<=30	Pass		
		50	0	27.03	0.65	27.68	<=30	Pass		
		16QAM	1715	1	0	27.20	0.65	27.85	<=30	Pass
					25	27.29	0.65	27.94	<=30	Pass
49	27.17				0.65	27.82	<=30	Pass		
25	0			26.18	0.65	26.83	<=30	Pass		
	13			26.20	0.65	26.85	<=30	Pass		
	25			26.24	0.65	26.89	<=30	Pass		
50	0			26.12	0.65	26.77	<=30	Pass		
1732.5	1			0	27.23	0.65	27.88	<=30	Pass	
				25	27.39	0.65	28.04	<=30	Pass	
			49	27.24	0.65	27.89	<=30	Pass		
	25		0	26.19	0.65	26.84	<=30	Pass		
			13	26.10	0.65	26.75	<=30	Pass		
			25	26.03	0.65	26.68	<=30	Pass		
	50		0	26.08	0.65	26.73	<=30	Pass		
	1750		1	0	27.63	0.65	28.28	<=30	Pass	
				25	27.68	0.65	28.33	<=30	Pass	
49				27.58	0.65	28.23	<=30	Pass		
25			0	26.07	0.65	26.72	<=30	Pass		
			13	26.09	0.65	26.74	<=30	Pass		
			25	26.11	0.65	26.76	<=30	Pass		
50			0	26.01	0.65	26.66	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	28.04	0.65	28.69	<=30	Pass
			38	28.16	0.65	28.81	<=30	Pass
			74	28.09	0.65	28.74	<=30	Pass
		36	0	27.13	0.65	27.78	<=30	Pass
			18	27.22	0.65	27.87	<=30	Pass
			39	27.21	0.65	27.86	<=30	Pass
		75	0	27.18	0.65	27.83	<=30	Pass
	1732.5	1	0	28.08	0.65	28.73	<=30	Pass
			38	28.14	0.65	28.79	<=30	Pass
			74	28.05	0.65	28.70	<=30	Pass
		36	0	27.30	0.65	27.95	<=30	Pass
			18	27.26	0.65	27.91	<=30	Pass
			39	27.17	0.65	27.82	<=30	Pass
		75	0	27.25	0.65	27.90	<=30	Pass
	1747.5	1	0	28.02	0.65	28.67	<=30	Pass
			38	28.06	0.65	28.71	<=30	Pass
			74	27.98	0.65	28.63	<=30	Pass
		36	0	27.16	0.65	27.81	<=30	Pass
			18	27.12	0.65	27.77	<=30	Pass
			39	27.11	0.65	27.76	<=30	Pass
		75	0	27.11	0.65	27.76	<=30	Pass
16QAM	1717.5	1	0	27.45	0.65	28.10	<=30	Pass

		36	38	27.49	0.65	28.14	<=30	Pass
			74	27.36	0.65	28.01	<=30	Pass
			0	26.09	0.65	26.74	<=30	Pass
			18	26.15	0.65	26.80	<=30	Pass
			39	26.13	0.65	26.78	<=30	Pass
		75	0	26.14	0.65	26.79	<=30	Pass
	1732.5	1	0	27.23	0.65	27.88	<=30	Pass
			38	27.32	0.65	27.97	<=30	Pass
			74	27.23	0.65	27.88	<=30	Pass
		36	0	26.22	0.65	26.87	<=30	Pass
			18	26.16	0.65	26.81	<=30	Pass
			39	26.10	0.65	26.75	<=30	Pass
		75	0	26.19	0.65	26.84	<=30	Pass
	1747.5	1	0	27.55	0.65	28.20	<=30	Pass
			38	27.55	0.65	28.20	<=30	Pass
			74	27.52	0.65	28.17	<=30	Pass
		36	0	26.12	0.65	26.77	<=30	Pass
			18	26.06	0.65	26.71	<=30	Pass
			39	26.07	0.65	26.72	<=30	Pass
		75	0	26.11	0.65	26.76	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	27.91	0.65	28.56	<=30	Pass
			50	28.21	0.65	28.86	<=30	Pass
			99	27.87	0.65	28.52	<=30	Pass
		50	0	27.02	0.65	27.67	<=30	Pass
			25	27.16	0.65	27.81	<=30	Pass
			50	27.11	0.65	27.76	<=30	Pass
		100	0	27.12	0.65	27.77	<=30	Pass
	1732.5	1	0	27.93	0.65	28.58	<=30	Pass
			50	28.30	0.65	28.95	<=30	Pass
			99	27.93	0.65	28.58	<=30	Pass
		50	0	27.19	0.65	27.84	<=30	Pass
			25	27.16	0.65	27.81	<=30	Pass
			50	27.01	0.65	27.66	<=30	Pass
		100	0	27.14	0.65	27.79	<=30	Pass
	1745	1	0	27.87	0.65	28.52	<=30	Pass
			50	28.25	0.65	28.90	<=30	Pass
			99	27.91	0.65	28.56	<=30	Pass
		50	0	27.13	0.65	27.78	<=30	Pass
			25	27.14	0.65	27.79	<=30	Pass
			50	27.08	0.65	27.73	<=30	Pass
		100	0	27.16	0.65	27.81	<=30	Pass
16QAM	1720	1	0	27.44	0.65	28.09	<=30	Pass
			50	27.77	0.65	28.42	<=30	Pass
			99	27.38	0.65	28.03	<=30	Pass
		50	0	26.01	0.65	26.66	<=30	Pass
			25	26.10	0.65	26.75	<=30	Pass
			50	26.07	0.65	26.72	<=30	Pass
		100	0	26.07	0.65	26.72	<=30	Pass
	1732.5	1	0	27.06	0.65	27.71	<=30	Pass
			50	27.43	0.65	28.08	<=30	Pass

		50	99	27.08	0.65	27.73	<=30	Pass
			0	26.15	0.65	26.80	<=30	Pass
			25	26.11	0.65	26.76	<=30	Pass
			50	25.98	0.65	26.63	<=30	Pass
		100	0	26.09	0.65	26.74	<=30	Pass
	1745	1	0	27.10	0.65	27.75	<=30	Pass
			50	27.48	0.65	28.13	<=30	Pass
			99	27.15	0.65	27.80	<=30	Pass
		50	0	26.12	0.65	26.77	<=30	Pass
			25	26.08	0.65	26.73	<=30	Pass
			50	26.04	0.65	26.69	<=30	Pass
		100	0	26.13	0.65	26.78	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

Band: 4 / 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	1710.7	6	0	20	3.27	1.130	0.0007	-2.5 to 2.5	Pass
					3.85	4.792	0.0028	-2.5 to 2.5	Pass
					4.43	5.722	0.0033	-2.5 to 2.5	Pass
				-30	3.85	3.519	0.0021	-2.5 to 2.5	Pass
				-20	3.85	4.263	0.0025	-2.5 to 2.5	Pass
				-10	3.85	2.489	0.0015	-2.5 to 2.5	Pass
				0	3.85	-6.981	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-4.392	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-8.054	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-2.089	-0.0012	-2.5 to 2.5	Pass
					3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
					4.43	-0.815	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-8.483	-0.0049	-2.5 to 2.5	Pass
				-20	3.85	-0.887	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-1.245	-0.0007	-2.5 to 2.5	Pass
				0	3.85	16.637	0.0096	-2.5 to 2.5	Pass
				10	3.85	-4.635	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-3.347	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-4.234	-0.0024	-2.5 to 2.5	Pass
					3.85	-8.383	-0.0048	-2.5 to 2.5	Pass
					4.43	-3.376	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				-20	3.85	-3.247	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-6.981	-0.0040	-2.5 to 2.5	Pass
				0	3.85	-7.453	-0.0042	-2.5 to 2.5	Pass
				10	3.85	-6.523	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-2.146	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-5.822	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-3.891	-0.0022	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	-5.364	-0.0031	-2.5 to 2.5	Pass
					3.85	-3.505	-0.0020	-2.5 to 2.5	Pass
					4.43	-4.749	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-6.781	-0.0040	-2.5 to 2.5	Pass
				-20	3.85	-1.903	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-9.413	-0.0055	-2.5 to 2.5	Pass
				0	3.85	-8.712	-0.0051	-2.5 to 2.5	Pass
				10	3.85	-8.497	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-2.832	-0.0017	-2.5 to 2.5	Pass
				50	3.85	-5.436	-0.0032	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	-4.292	-0.0025	-2.5 to 2.5	Pass
					3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
					4.43	-10.657	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-8.898	-0.0051	-2.5 to 2.5	Pass
				-20	3.85	-7.539	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-6.022	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-7.668	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-7.768	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-5.622	-0.0032	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	-3.605	-0.0021	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
					4.43	-10.815	-0.0062	-2.5 to 2.5	Pass
				-30	3.85	-7.367	-0.0042	-2.5 to 2.5	Pass
				-20	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				-10	3.85	-0.486	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-6.695	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-3.190	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-6.666	-0.0038	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	-2.546	-0.0015	-2.5 to 2.5	Pass
					3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.644	-0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.257	0.0002	-2.5 to 2.5	Pass
				-20	3.85	0.858	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-0.601	-0.0004	-2.5 to 2.5	Pass
				30	3.85	-5.679	-0.0033	-2.5 to 2.5	Pass
				40	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0043	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-3.419	-0.0020	-2.5 to 2.5	Pass
					3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
					4.43	-2.289	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass
				-10	3.85	6.051	0.0035	-2.5 to 2.5	Pass
				0	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass

				10	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				30	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				40	3.85	0.315	0.0002	-2.5 to 2.5	Pass
				50	3.85	-7.296	-0.0042	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-3.619	-0.0021	-2.5 to 2.5	Pass
					3.85	-9.584	-0.0055	-2.5 to 2.5	Pass
					4.43	-5.422	-0.0031	-2.5 to 2.5	Pass
				-30	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
				-20	3.85	-4.992	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-9.813	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-6.566	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.292	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-8.440	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-7.682	-0.0044	-2.5 to 2.5	Pass
				50	3.85	-8.726	-0.0050	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-7.410	-0.0043	-2.5 to 2.5	Pass
					3.85	-1.044	-0.0006	-2.5 to 2.5	Pass
					4.43	-5.922	-0.0035	-2.5 to 2.5	Pass
				-30	3.85	-7.868	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-4.849	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-7.811	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				30	3.85	-2.046	-0.0012	-2.5 to 2.5	Pass
				40	3.85	0.114	0.0001	-2.5 to 2.5	Pass
				50	3.85	-5.665	-0.0033	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-5.836	-0.0034	-2.5 to 2.5	Pass
					3.85	0.257	0.0001	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-4.106	-0.0024	-2.5 to 2.5	Pass
				-20	3.85	-3.147	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
				0	3.85	0.601	0.0003	-2.5 to 2.5	Pass
				10	3.85	-8.168	-0.0047	-2.5 to 2.5	Pass
				30	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				40	3.85	0.472	0.0003	-2.5 to 2.5	Pass
				50	3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	-5.865	-0.0033	-2.5 to 2.5	Pass
					3.85	-7.896	-0.0045	-2.5 to 2.5	Pass
					4.43	-12.488	-0.0071	-2.5 to 2.5	Pass
				-30	3.85	-9.255	-0.0053	-2.5 to 2.5	Pass
				-20	3.85	-7.796	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-8.225	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-10.543	-0.0060	-2.5 to 2.5	Pass
				10	3.85	-7.911	-0.0045	-2.5 to 2.5	Pass
				30	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				40	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-3.719	-0.0022	-2.5 to 2.5	Pass
					3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
					4.43	-8.240	-0.0048	-2.5 to 2.5	Pass

				-30	3.85	-2.260	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
				-10	3.85	-3.548	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-6.967	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-3.204	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-6.552	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				50	3.85	0.329	0.0002	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-4.578	-0.0026	-2.5 to 2.5	Pass
					3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
					4.43	-8.726	-0.0050	-2.5 to 2.5	Pass
				-30	3.85	-7.896	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-8.826	-0.0051	-2.5 to 2.5	Pass
				0	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				10	3.85	-4.749	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-2.518	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-6.952	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-9.170	-0.0053	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-2.289	-0.0013	-2.5 to 2.5	Pass
					3.85	-4.649	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.905	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.977	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	0.801	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-7.925	-0.0045	-2.5 to 2.5	Pass
				0	3.85	-6.008	-0.0034	-2.5 to 2.5	Pass
				10	3.85	-6.437	-0.0037	-2.5 to 2.5	Pass
				30	3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-6.638	-0.0038	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-3.490	-0.0020	-2.5 to 2.5	Pass
					3.85	-6.008	-0.0035	-2.5 to 2.5	Pass
					4.43	7.496	0.0044	-2.5 to 2.5	Pass
				-30	3.85	-3.004	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-8.512	-0.0050	-2.5 to 2.5	Pass
				10	3.85	-4.792	-0.0028	-2.5 to 2.5	Pass
				30	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-3.691	-0.0022	-2.5 to 2.5	Pass
				50	3.85	-6.394	-0.0037	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-6.552	-0.0038	-2.5 to 2.5	Pass
					3.85	-5.379	-0.0031	-2.5 to 2.5	Pass
					4.43	-5.593	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
				-20	3.85	-10.314	-0.0060	-2.5 to 2.5	Pass
				-10	3.85	-3.061	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-2.561	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-6.824	-0.0039	-2.5 to 2.5	Pass
				30	3.85	-8.025	-0.0046	-2.5 to 2.5	Pass
				40	3.85	-3.204	-0.0018	-2.5 to 2.5	Pass
				50	3.85	-7.339	-0.0042	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-8.926	-0.0051	-2.5 to 2.5	Pass
					3.85	-6.666	-0.0038	-2.5 to 2.5	Pass
					4.43	-6.537	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-11.687	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass

				10	3.85	-2.990	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.861	-0.0016	-2.5 to 2.5	Pass
				40	3.85	-1.874	-0.0011	-2.5 to 2.5	Pass
				50	3.85	1.574	0.0009	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1715	50	0	20	3.27	-2.589	-0.0015	-2.5 to 2.5	Pass
					3.85	-7.396	-0.0043	-2.5 to 2.5	Pass
					4.43	-5.851	-0.0034	-2.5 to 2.5	Pass
				-30	3.85	-5.836	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-6.995	-0.0041	-2.5 to 2.5	Pass
				-10	3.85	-9.627	-0.0056	-2.5 to 2.5	Pass
				0	3.85	-7.811	-0.0046	-2.5 to 2.5	Pass
				10	3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
				30	3.85	-2.146	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-4.206	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-2.389	-0.0014	-2.5 to 2.5	Pass
					3.85	-1.059	-0.0006	-2.5 to 2.5	Pass
					4.43	0.143	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-5.679	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-2.747	-0.0016	-2.5 to 2.5	Pass
				10	3.85	-2.961	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass
				40	3.85	-4.606	-0.0027	-2.5 to 2.5	Pass
				50	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-7.410	-0.0042	-2.5 to 2.5	Pass
					3.85	-4.907	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.935	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-8.068	-0.0046	-2.5 to 2.5	Pass
				-20	3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-3.805	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-5.493	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-12.074	-0.0069	-2.5 to 2.5	Pass
				30	3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-7.610	-0.0044	-2.5 to 2.5	Pass
					3.85	-9.170	-0.0053	-2.5 to 2.5	Pass
					4.43	-7.939	-0.0046	-2.5 to 2.5	Pass
				-30	3.85	-1.545	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-7.710	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-5.393	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-6.166	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-4.234	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-1.431	-0.0008	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-4.721	-0.0027	-2.5 to 2.5	Pass
					3.85	-5.851	-0.0034	-2.5 to 2.5	Pass
					4.43	-2.260	-0.0013	-2.5 to 2.5	Pass

				-30	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				0	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass
				10	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-8.311	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-5.651	-0.0033	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	-6.208	-0.0035	-2.5 to 2.5	Pass
					3.85	-8.669	-0.0050	-2.5 to 2.5	Pass
					4.43	-4.935	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-2.804	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-2.775	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.336	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-7.825	-0.0045	-2.5 to 2.5	Pass
				10	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-8.411	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-7.925	-0.0045	-2.5 to 2.5	Pass
				50	3.85	-5.279	-0.0030	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1717.5	75	0	20	3.27	-6.180	-0.0036	-2.5 to 2.5	Pass
					3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
					4.43	-5.121	-0.0030	-2.5 to 2.5	Pass
				-30	3.85	-2.675	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-7.811	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
				0	3.85	-4.978	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-4.706	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-6.337	-0.0037	-2.5 to 2.5	Pass
				50	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	-4.835	-0.0028	-2.5 to 2.5	Pass
					3.85	-1.788	-0.0010	-2.5 to 2.5	Pass
					4.43	-4.120	-0.0024	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-5.236	-0.0030	-2.5 to 2.5	Pass
				30	3.85	-3.390	-0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	-4.478	-0.0026	-2.5 to 2.5	Pass
					3.85	-4.935	-0.0028	-2.5 to 2.5	Pass
					4.43	-4.392	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-6.008	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				-10	3.85	-3.390	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-4.277	-0.0024	-2.5 to 2.5	Pass
				10	3.85	-7.267	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-4.063	-0.0023	-2.5 to 2.5	Pass
				40	3.85	-7.725	-0.0044	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	50	3.85	-7.596	-0.0043	-2.5 to 2.5	Pass
				20	3.27	-5.808	-0.0034	-2.5 to 2.5	Pass
					3.85	-5.751	-0.0033	-2.5 to 2.5	Pass
					4.43	-2.561	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-5.922	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-6.866	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-7.124	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-6.609	-0.0038	-2.5 to 2.5	Pass
				10	3.85	-5.407	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
	1732.5	75	0	40	3.85	-8.726	-0.0051	-2.5 to 2.5	Pass
				50	3.85	-5.779	-0.0034	-2.5 to 2.5	Pass
				20	3.27	-1.988	-0.0011	-2.5 to 2.5	Pass
					3.85	-7.296	-0.0042	-2.5 to 2.5	Pass
					4.43	-2.489	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.117	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.618	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-3.862	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-7.653	-0.0044	-2.5 to 2.5	Pass
	1747.5	75	0	30	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				40	3.85	-5.765	-0.0033	-2.5 to 2.5	Pass
				50	3.85	-4.320	-0.0025	-2.5 to 2.5	Pass
				20	3.27	-2.861	-0.0016	-2.5 to 2.5	Pass
					3.85	-7.668	-0.0044	-2.5 to 2.5	Pass
					4.43	-4.463	-0.0026	-2.5 to 2.5	Pass
				-30	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				-20	3.85	-7.725	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-4.721	-0.0027	-2.5 to 2.5	Pass
				0	3.85	-3.648	-0.0021	-2.5 to 2.5	Pass
				10	3.85	-3.676	-0.0021	-2.5 to 2.5	Pass
				30	3.85	-6.437	-0.0037	-2.5 to 2.5	Pass
				40	3.85	-8.383	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-9.098	-0.0052	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-5.336	-0.0031	-2.5 to 2.5	Pass
					3.85	-4.621	-0.0027	-2.5 to 2.5	Pass
					4.43	-3.805	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-7.367	-0.0043	-2.5 to 2.5	Pass
				0	3.85	-5.293	-0.0031	-2.5 to 2.5	Pass
				10	3.85	-6.509	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-8.140	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-8.168	-0.0047	-2.5 to 2.5	Pass
	1732.5	100	0	50	3.85	-5.708	-0.0033	-2.5 to 2.5	Pass
				20	3.27	-3.562	-0.0021	-2.5 to 2.5	Pass
					3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
					4.43	-0.973	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-0.615	-0.0004	-2.5 to 2.5	Pass
				-10	3.85	-3.390	-0.0020	-2.5 to 2.5	Pass

				0	3.85	-1.130	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-4.864	-0.0028	-2.5 to 2.5	Pass
				50	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-10.314	-0.0059	-2.5 to 2.5	Pass
					3.85	-4.520	-0.0026	-2.5 to 2.5	Pass
					4.43	-4.892	-0.0028	-2.5 to 2.5	Pass
				-30	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass
				-20	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
				0	3.85	-2.103	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-6.065	-0.0035	-2.5 to 2.5	Pass
				40	3.85	-4.592	-0.0026	-2.5 to 2.5	Pass
				50	3.85	-6.623	-0.0038	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-7.381	-0.0043	-2.5 to 2.5	Pass
					3.85	-8.240	-0.0048	-2.5 to 2.5	Pass
					4.43	-6.924	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-5.736	-0.0033	-2.5 to 2.5	Pass
				-20	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass
				-10	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-5.636	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.020	-0.0023	-2.5 to 2.5	Pass
				30	3.85	-3.090	-0.0018	-2.5 to 2.5	Pass
				40	3.85	-4.292	-0.0025	-2.5 to 2.5	Pass
				50	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-1.616	-0.0009	-2.5 to 2.5	Pass
					3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
					4.43	-2.646	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-1.073	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				0	3.85	0.744	0.0004	-2.5 to 2.5	Pass
				10	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.317	-0.0013	-2.5 to 2.5	Pass
				40	3.85	-4.249	-0.0025	-2.5 to 2.5	Pass
				50	3.85	0.558	0.0003	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-6.523	-0.0037	-2.5 to 2.5	Pass
					3.85	-6.180	-0.0035	-2.5 to 2.5	Pass
					4.43	-7.367	-0.0042	-2.5 to 2.5	Pass
				-30	3.85	-5.436	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-6.537	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-7.081	-0.0041	-2.5 to 2.5	Pass
				10	3.85	-7.267	-0.0042	-2.5 to 2.5	Pass
				30	3.85	-4.950	-0.0028	-2.5 to 2.5	Pass
				40	3.85	-5.937	-0.0034	-2.5 to 2.5	Pass
				50	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

3.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

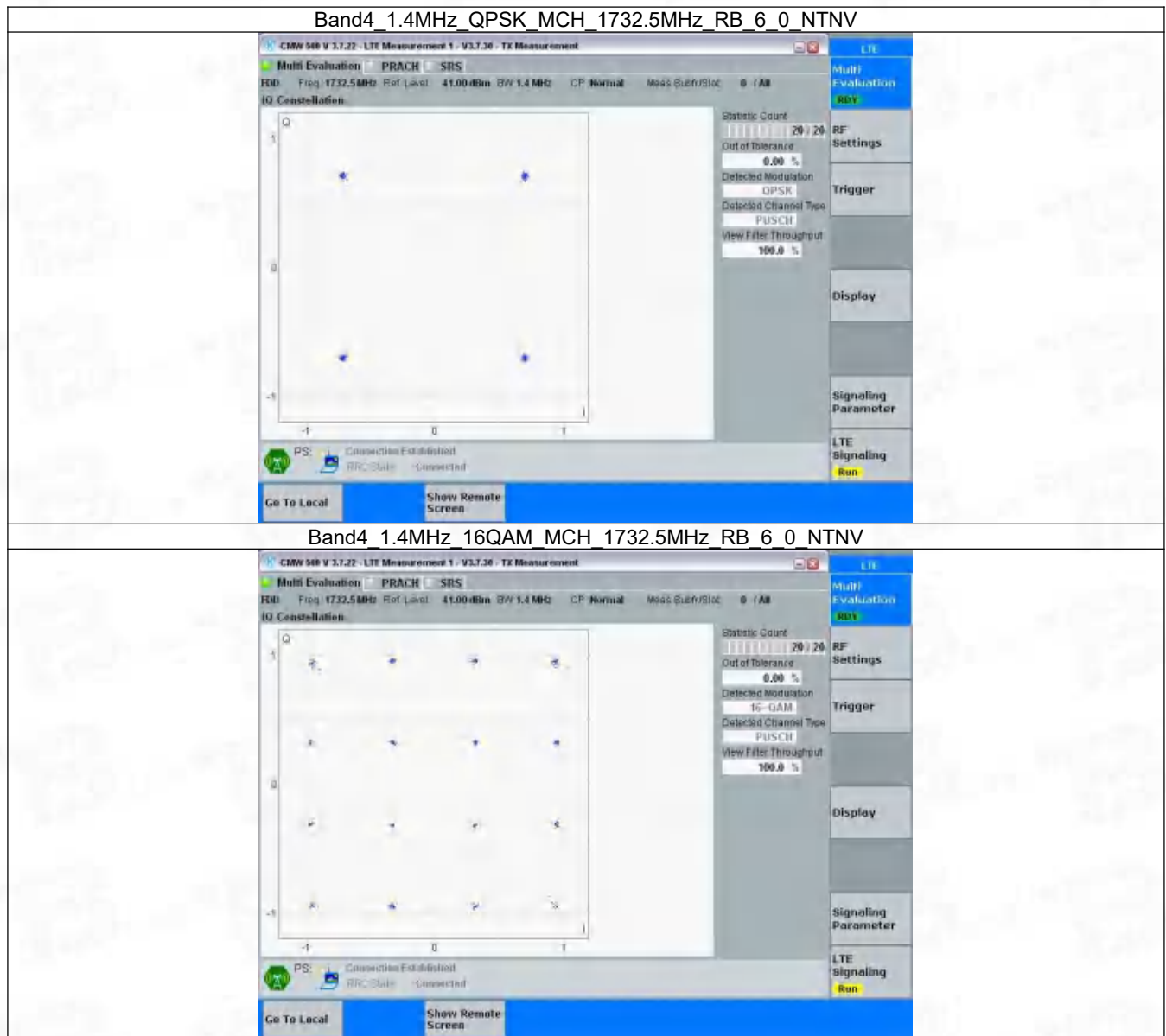
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

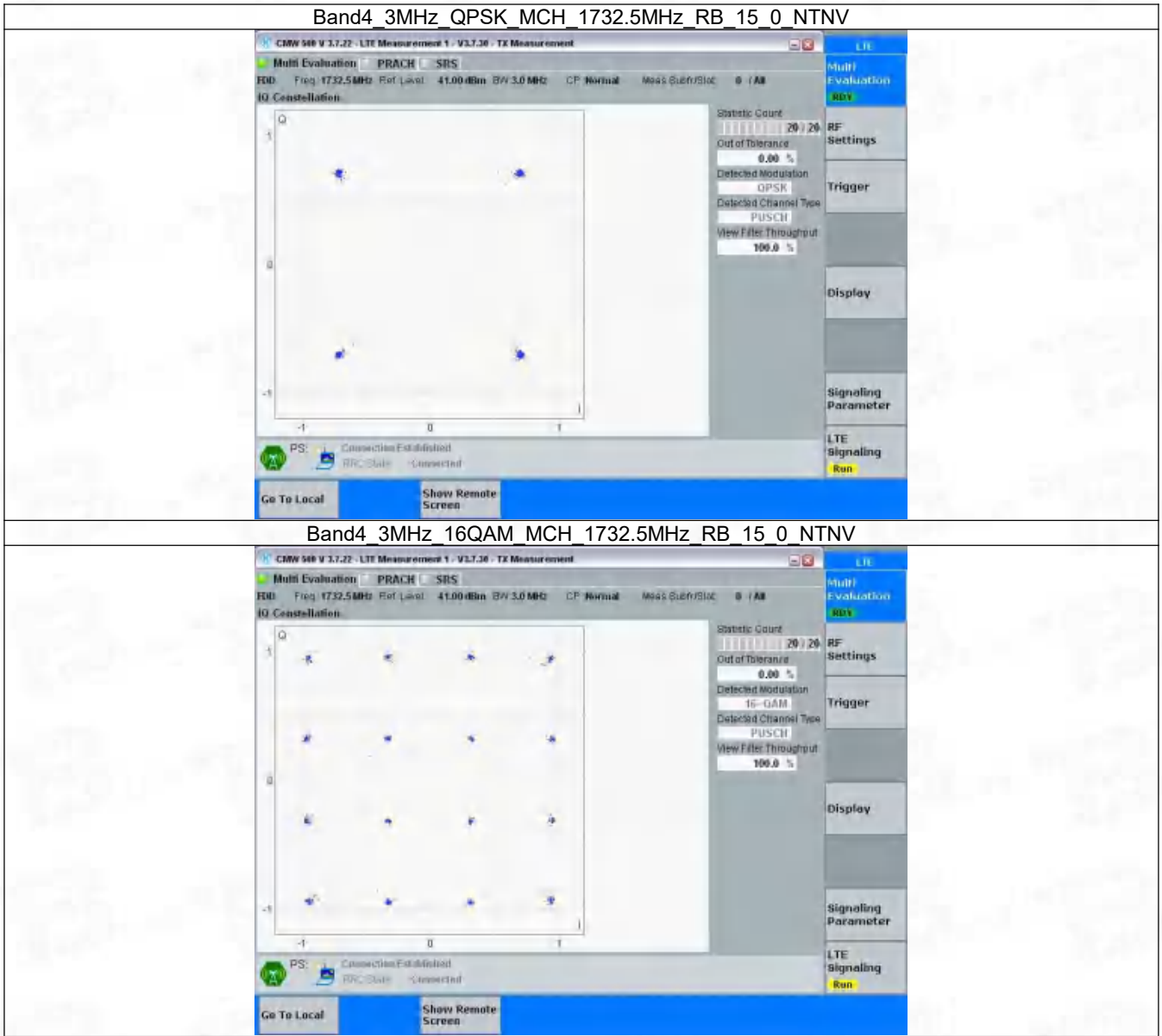
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

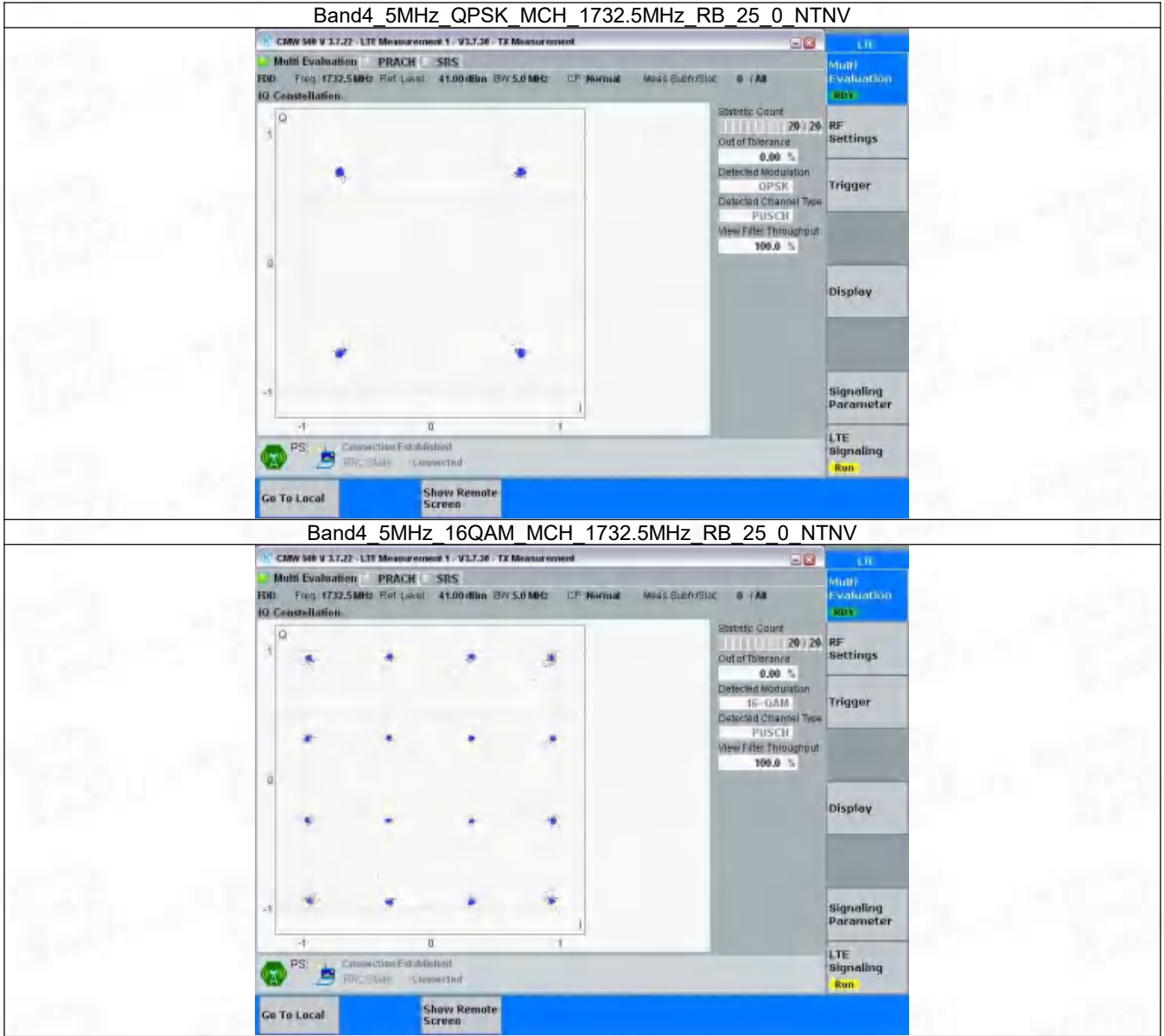
3.2.1 B4_1.4MHz



3.2.2 B4_3MHz



3.2.3 B4_5MHz

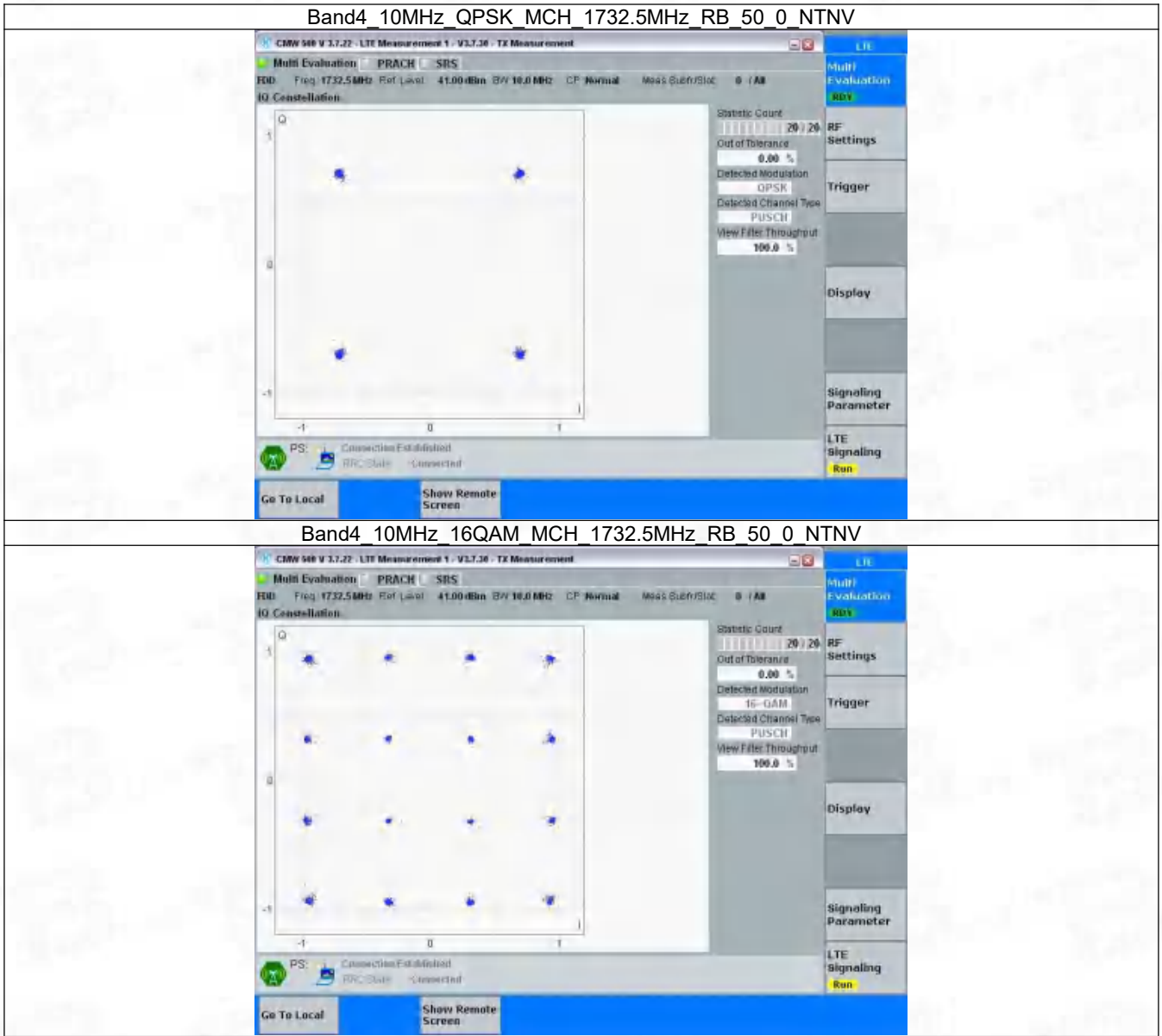


Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV

Go To Local Show Remote Screen

Multi Evaluation RVV RF Settings Trigger Display Signaling Parameter LTE Signaling Run

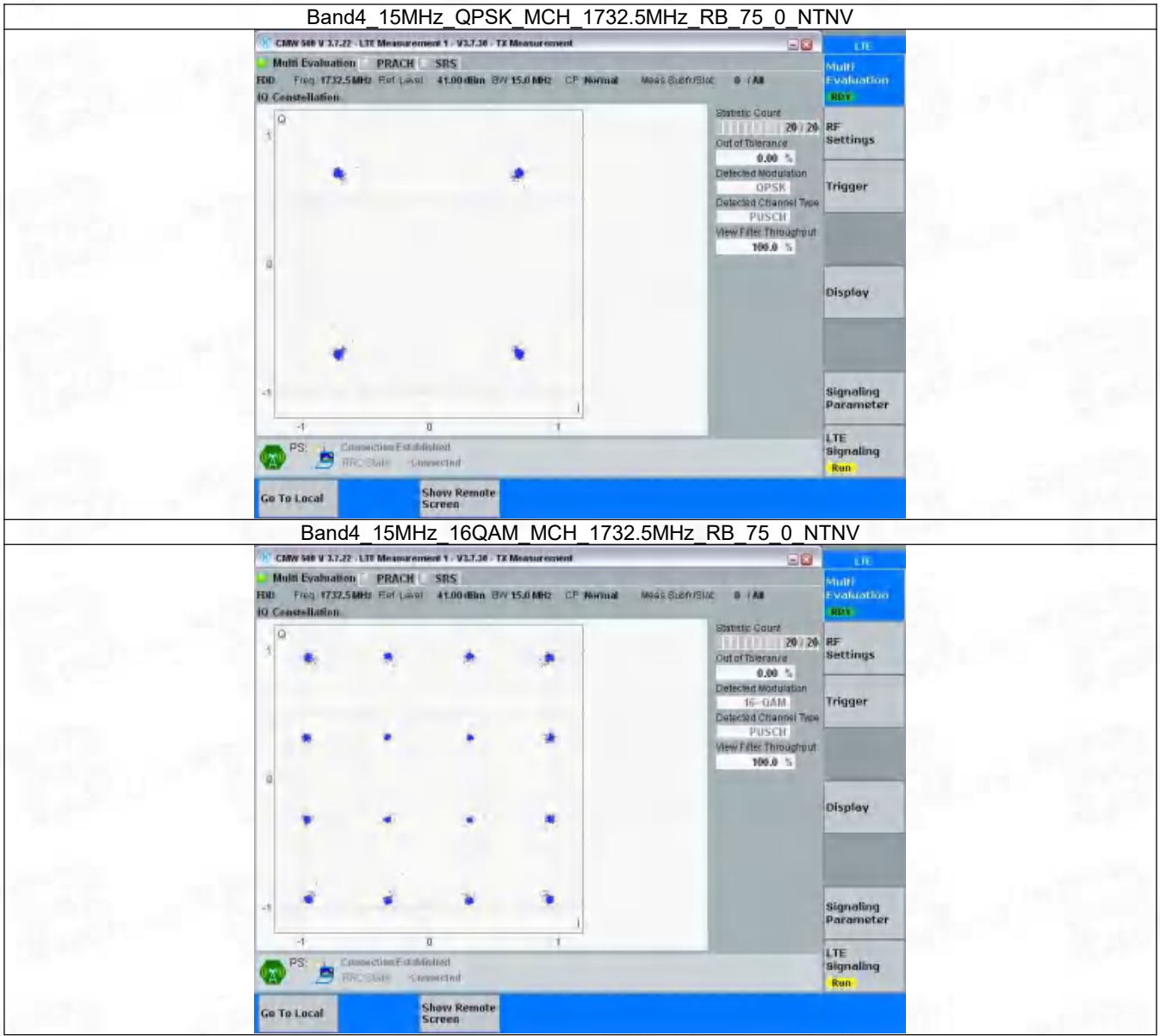
3.2.4 B4_10MHz



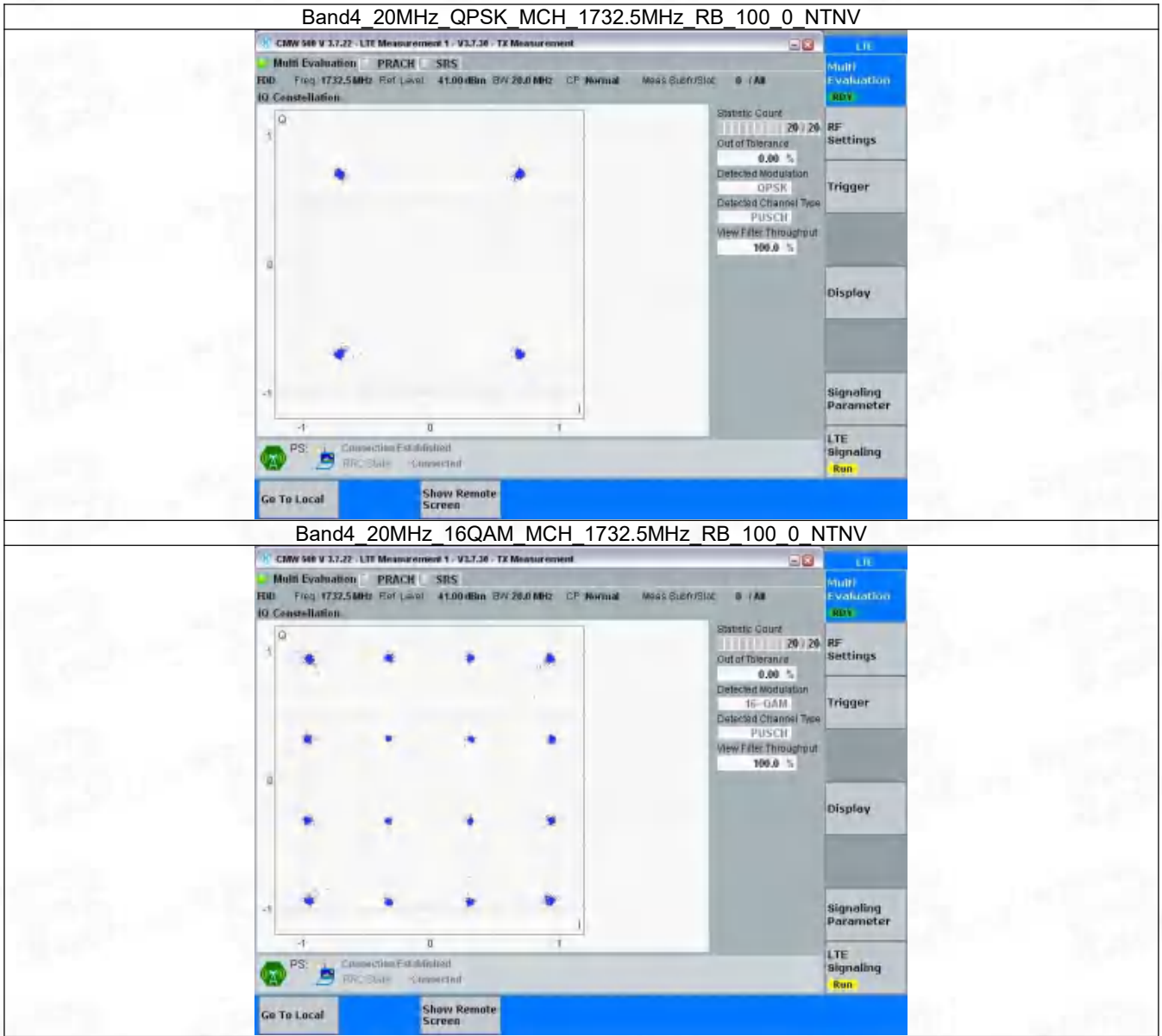
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

Go To Local Show Remote Screen

3.2.5 B4_15MHz



3.2.6 B4_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.110	/	Pass
		1754.3	6	0	1.119	/	Pass
	16QAM	1710.7	6	0	1.112	/	Pass
		1732.5	6	0	1.112	/	Pass
		1754.3	6	0	1.103	/	Pass
3	QPSK	1711.5	15	0	2.726	/	Pass
		1732.5	15	0	2.732	/	Pass
		1753.5	15	0	2.726	/	Pass
	16QAM	1711.5	15	0	2.714	/	Pass
		1732.5	15	0	2.722	/	Pass
		1753.5	15	0	2.722	/	Pass
5	QPSK	1712.5	25	0	4.526	/	Pass
		1732.5	25	0	4.538	/	Pass
		1752.5	25	0	4.534	/	Pass
	16QAM	1712.5	25	0	4.536	/	Pass
		1732.5	25	0	4.563	/	Pass
		1752.5	25	0	4.517	/	Pass
10	QPSK	1715	50	0	9.053	/	Pass
		1732.5	50	0	9.046	/	Pass
		1750	50	0	9.062	/	Pass
	16QAM	1715	50	0	9.025	/	Pass
		1732.5	50	0	9.047	/	Pass
		1750	50	0	9.058	/	Pass
15	QPSK	1717.5	75	0	13.570	/	Pass
		1732.5	75	0	13.532	/	Pass
		1747.5	75	0	13.589	/	Pass
	16QAM	1717.5	75	0	13.571	/	Pass
		1732.5	75	0	13.585	/	Pass
		1747.5	75	0	13.600	/	Pass
20	QPSK	1720	100	0	18.080	/	Pass
		1732.5	100	0	18.155	/	Pass
		1745	100	0	18.144	/	Pass
	16QAM	1720	100	0	18.120	/	Pass
		1732.5	100	0	18.117	/	Pass
		1745	100	0	18.216	/	Pass

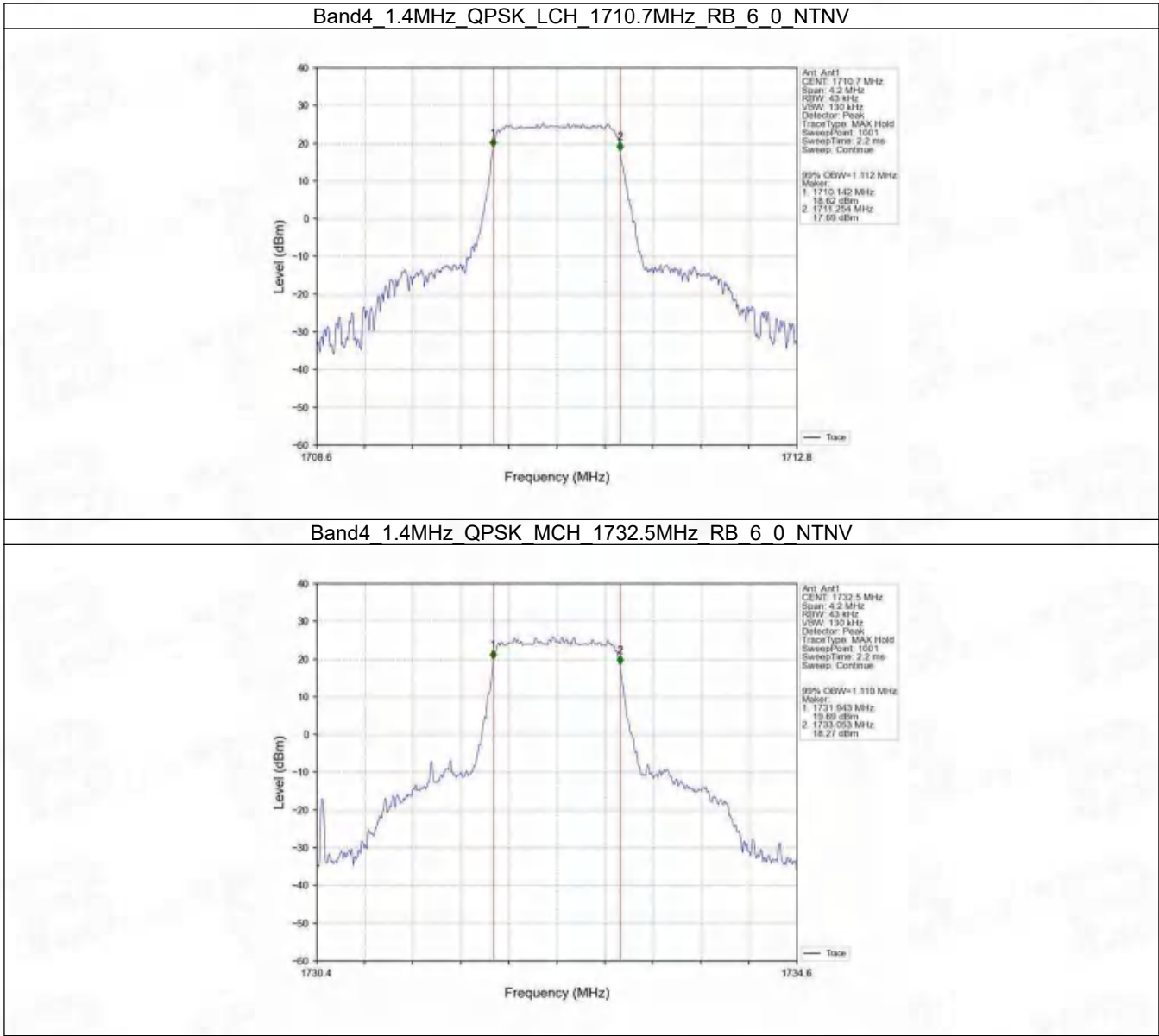
4.1.2 Band4_XDB

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.335	/	Pass
		1732.5	6	0	1.311	/	Pass
		1754.3	6	0	1.324	/	Pass

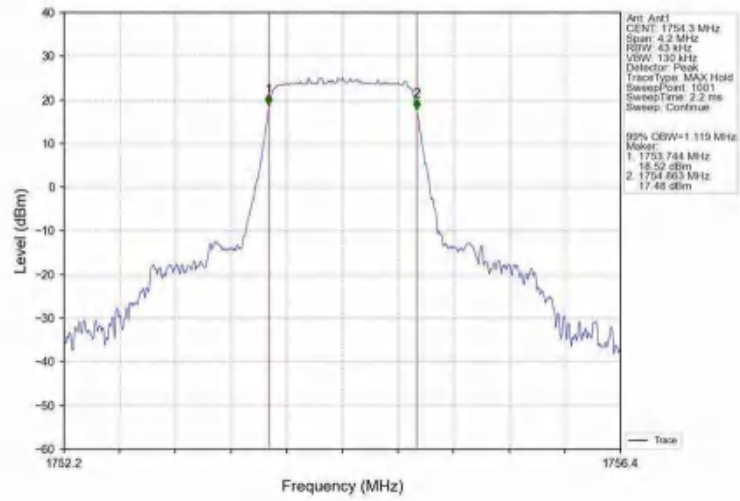
	16QAM	1710.7	6	0	1.324	/	Pass
		1732.5	6	0	1.595	/	Pass
		1754.3	6	0	1.295	/	Pass
3	QPSK	1711.5	15	0	2.996	/	Pass
		1732.5	15	0	3.003	/	Pass
		1753.5	15	0	2.999	/	Pass
	16QAM	1711.5	15	0	2.999	/	Pass
		1732.5	15	0	2.976	/	Pass
		1753.5	15	0	3.009	/	Pass
5	QPSK	1712.5	25	0	5.020	/	Pass
		1732.5	25	0	5.055	/	Pass
		1752.5	25	0	4.994	/	Pass
	16QAM	1712.5	25	0	5.043	/	Pass
		1732.5	25	0	5.028	/	Pass
		1752.5	25	0	4.998	/	Pass
10	QPSK	1715	50	0	9.910	/	Pass
		1732.5	50	0	9.925	/	Pass
		1750	50	0	9.949	/	Pass
	16QAM	1715	50	0	9.944	/	Pass
		1732.5	50	0	9.859	/	Pass
		1750	50	0	9.896	/	Pass
15	QPSK	1717.5	75	0	14.838	/	Pass
		1732.5	75	0	14.876	/	Pass
		1747.5	75	0	14.994	/	Pass
	16QAM	1717.5	75	0	14.931	/	Pass
		1732.5	75	0	14.879	/	Pass
		1747.5	75	0	14.930	/	Pass
20	QPSK	1720	100	0	19.652	/	Pass
		1732.5	100	0	19.768	/	Pass
		1745	100	0	19.596	/	Pass
	16QAM	1720	100	0	19.667	/	Pass
		1732.5	100	0	19.764	/	Pass
		1745	100	0	19.679	/	Pass

4.2 Test Graph

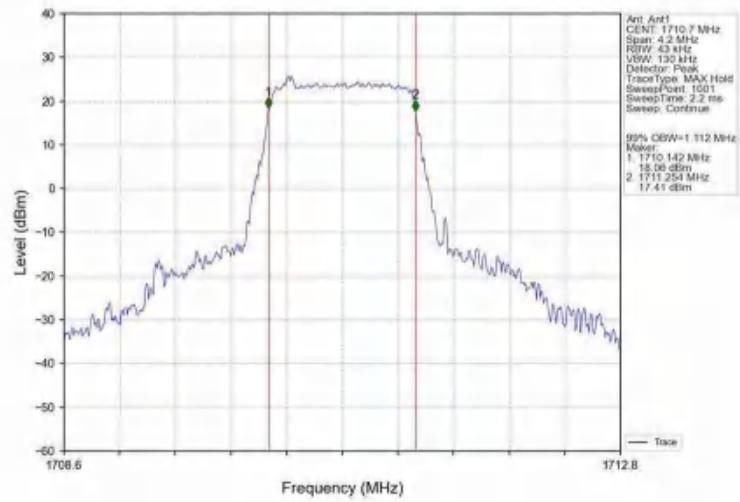
4.2.1 Band4_OBW



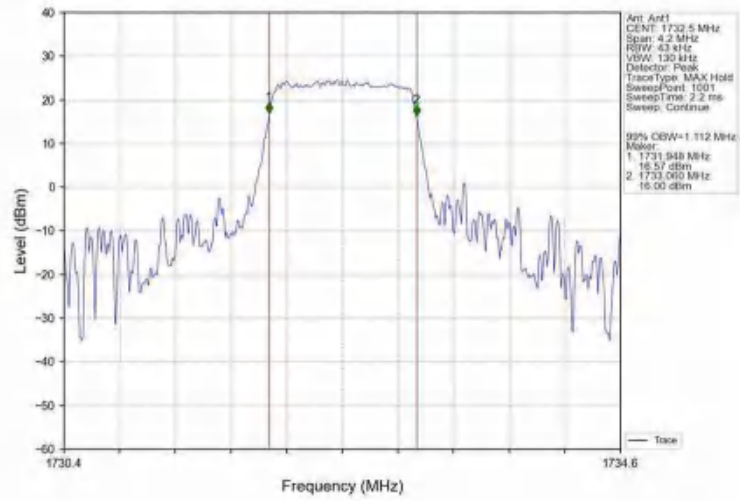
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



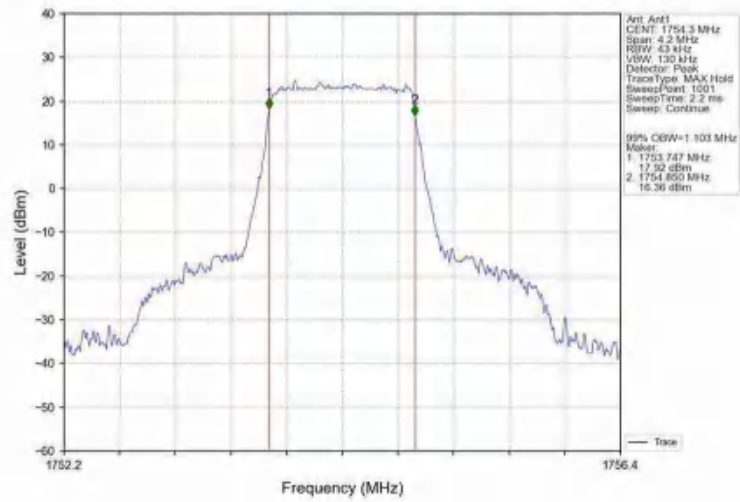
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



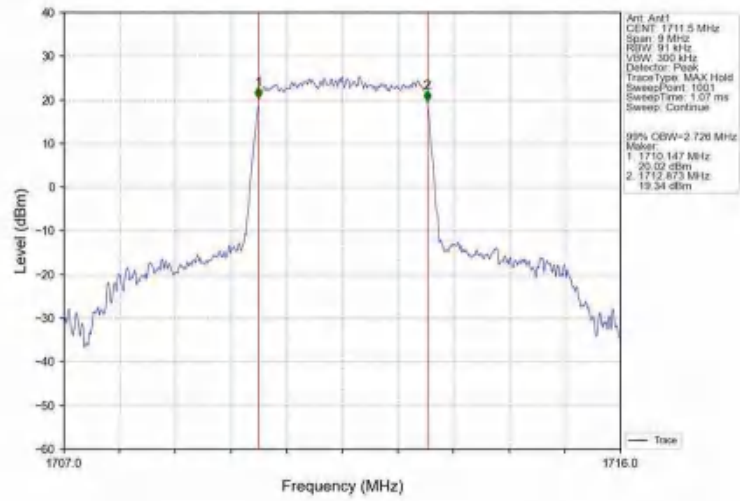
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



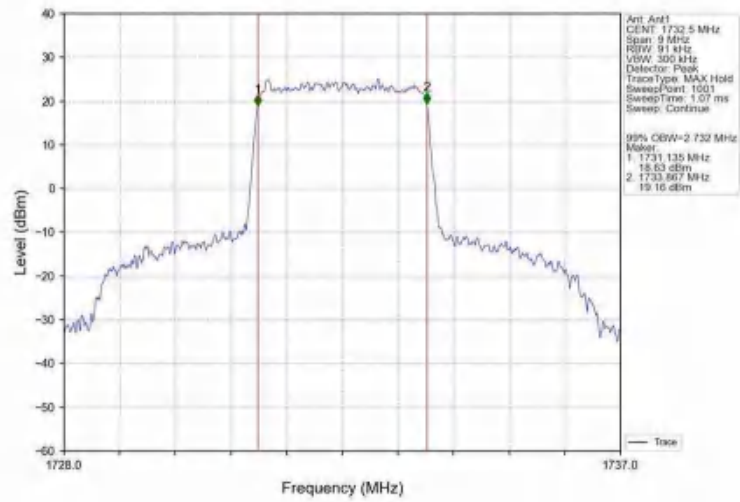
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



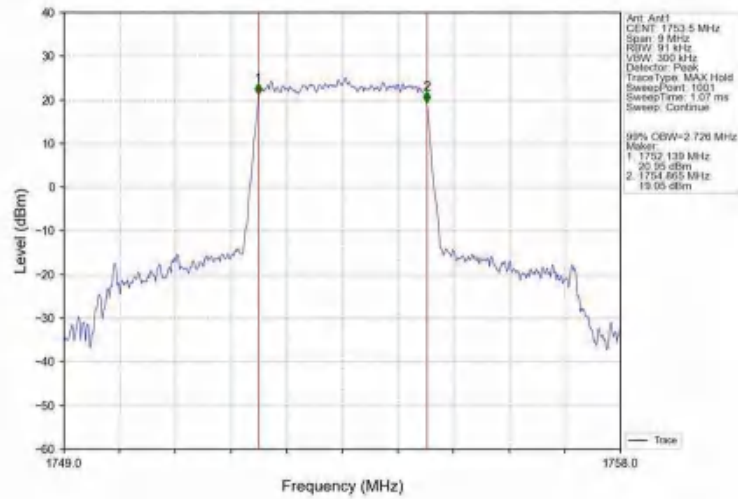
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



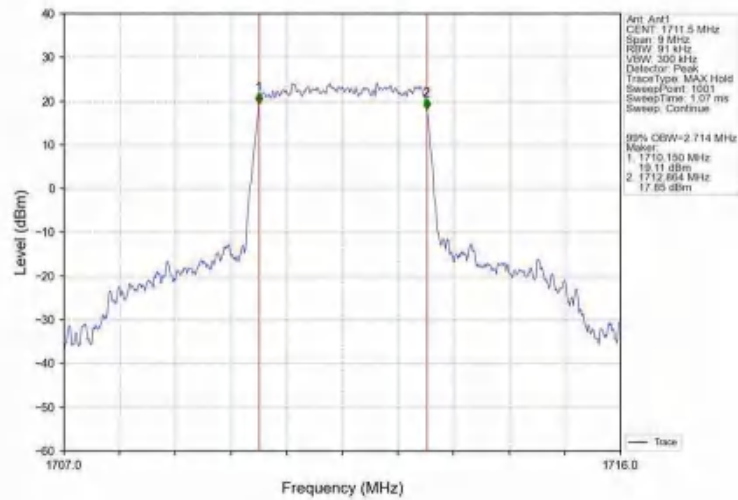
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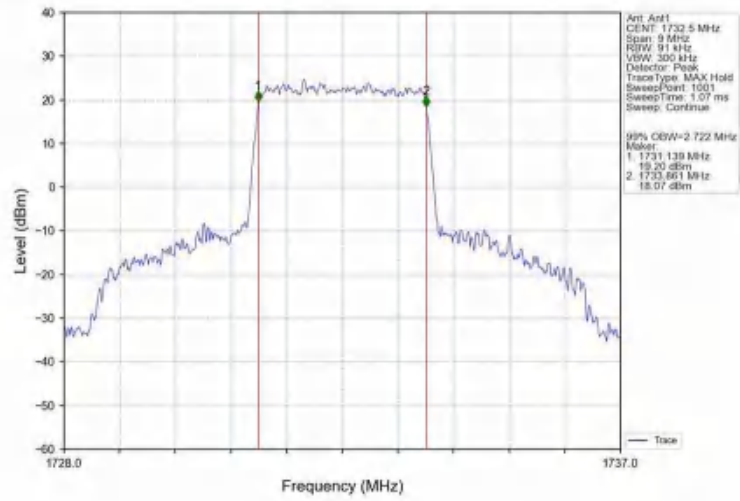
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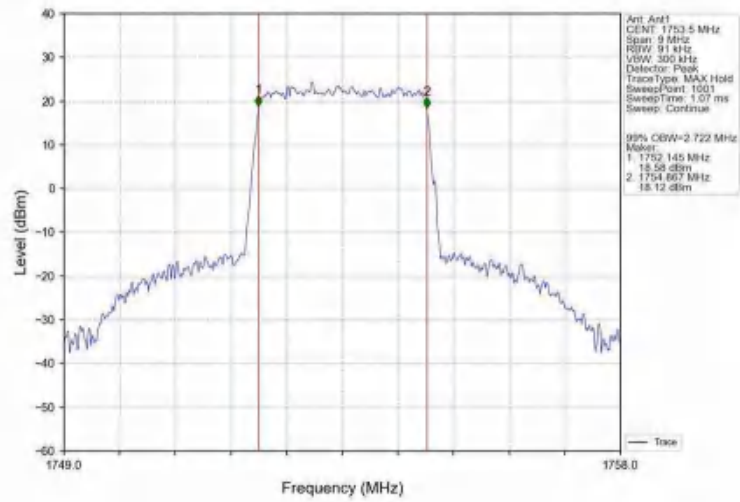
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



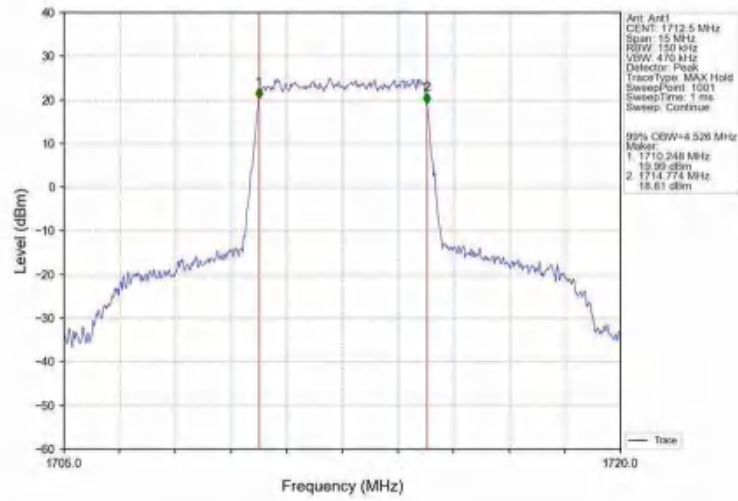
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



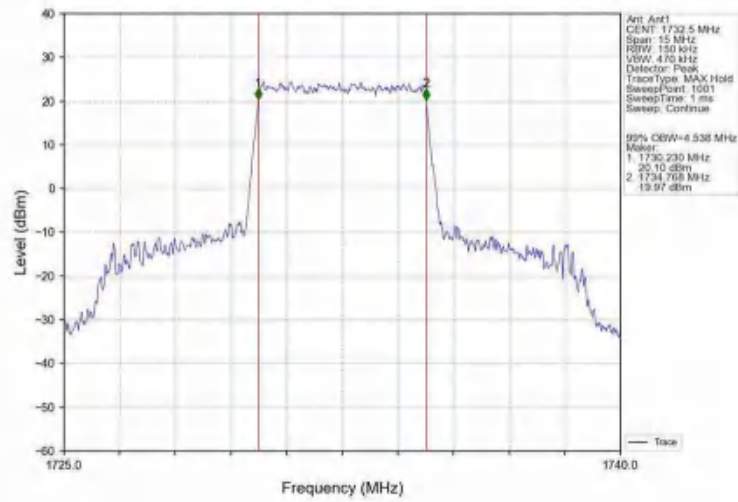
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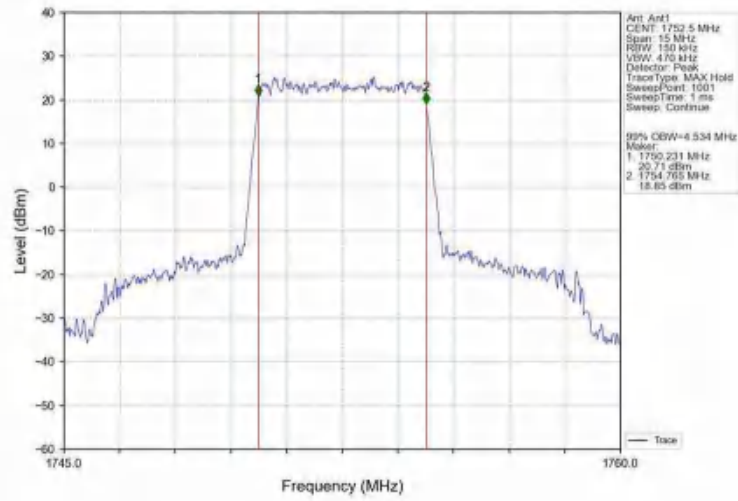
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



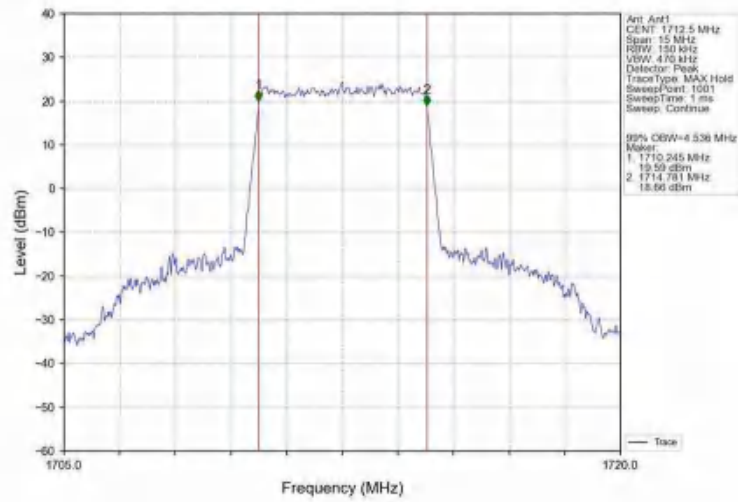
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



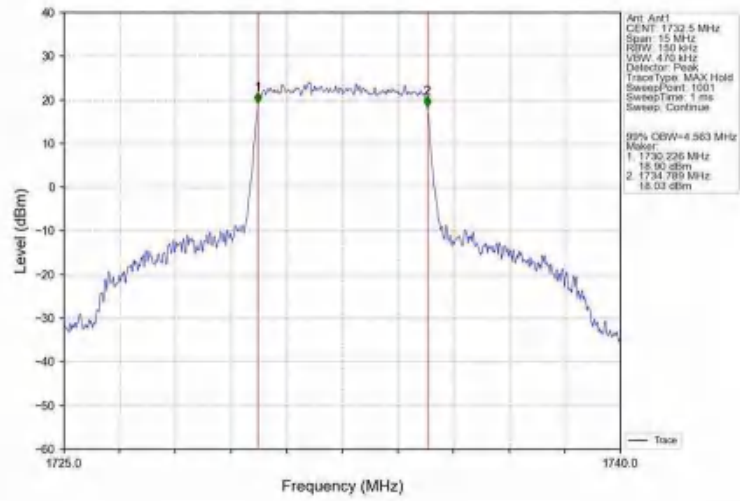
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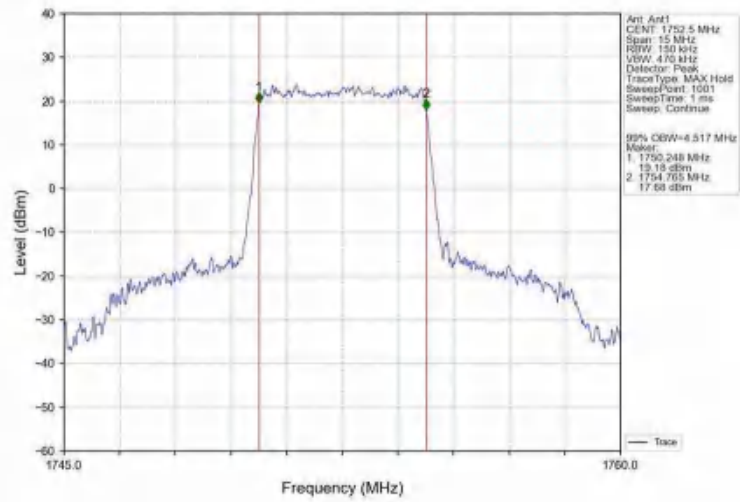
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



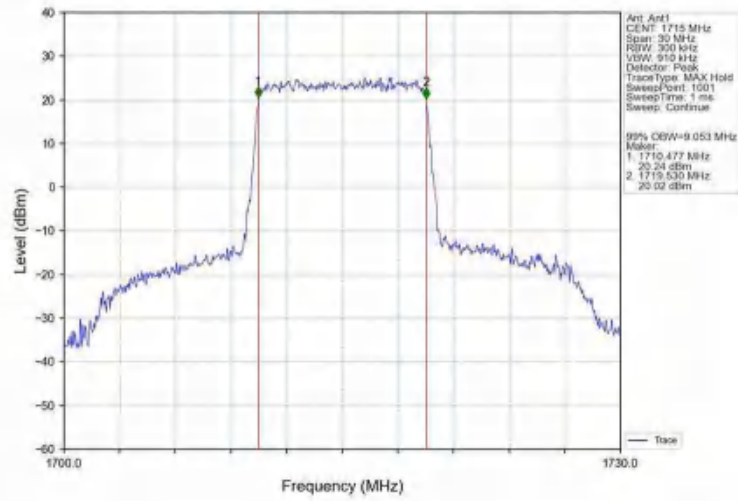
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



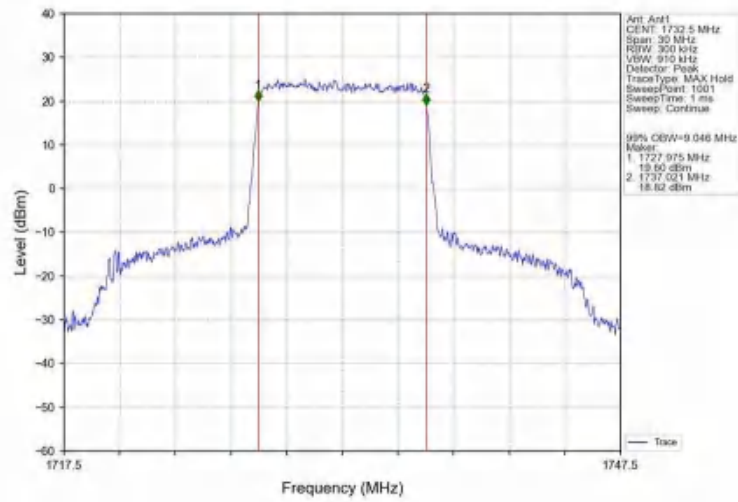
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



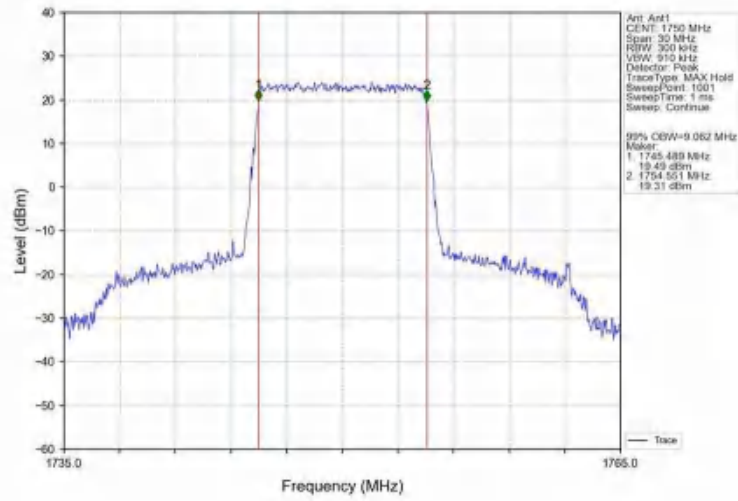
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



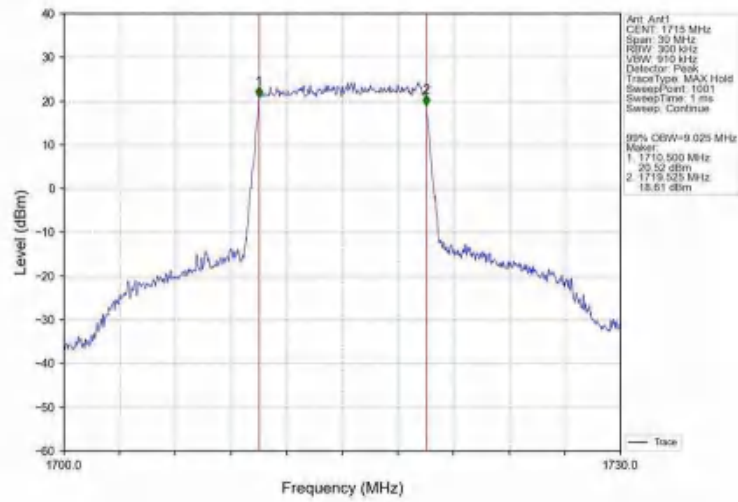
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



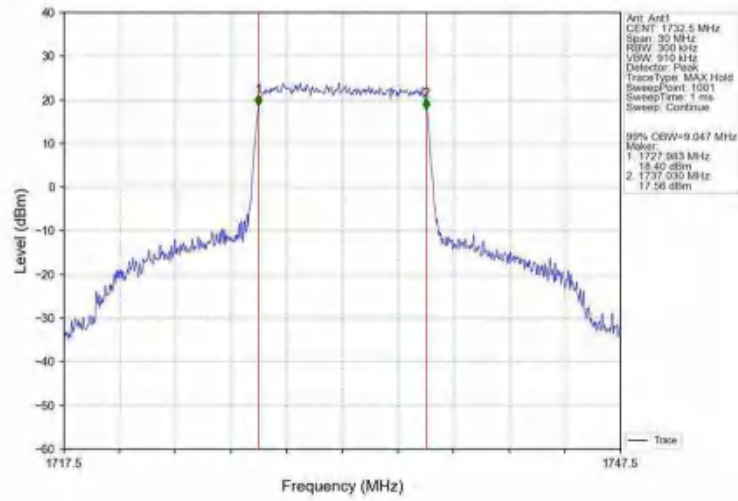
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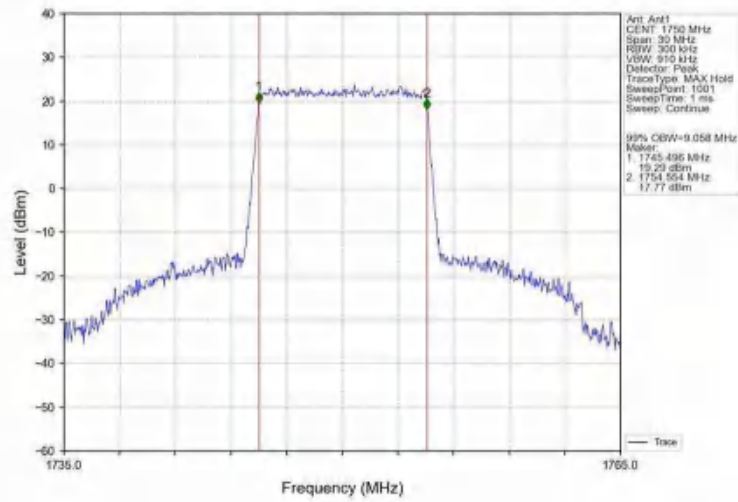
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



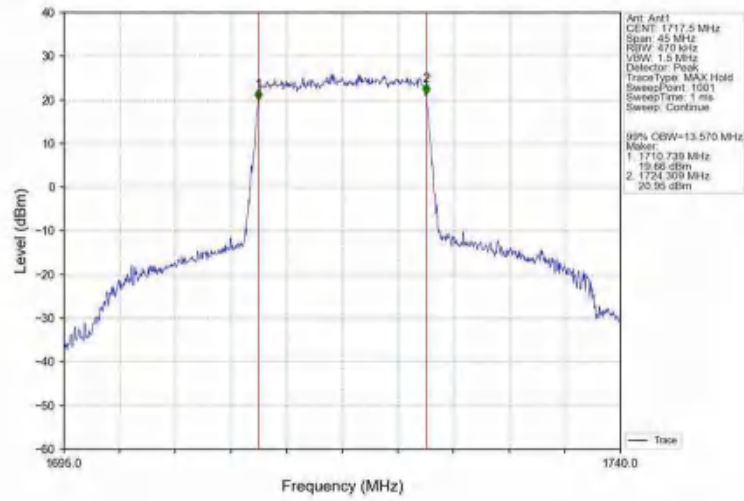
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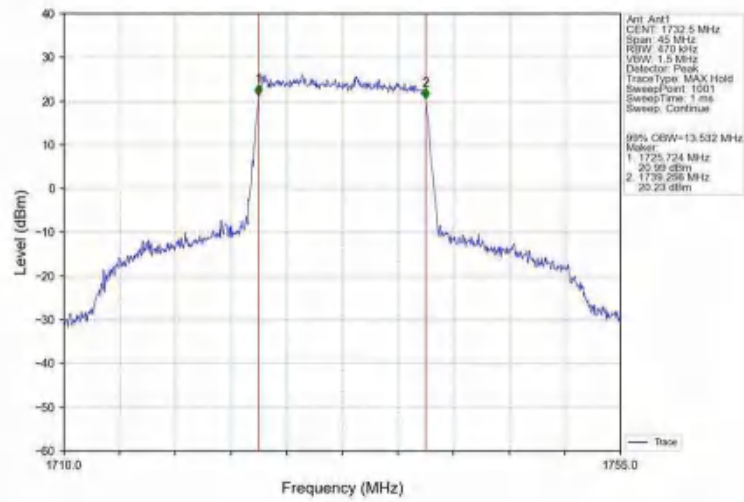
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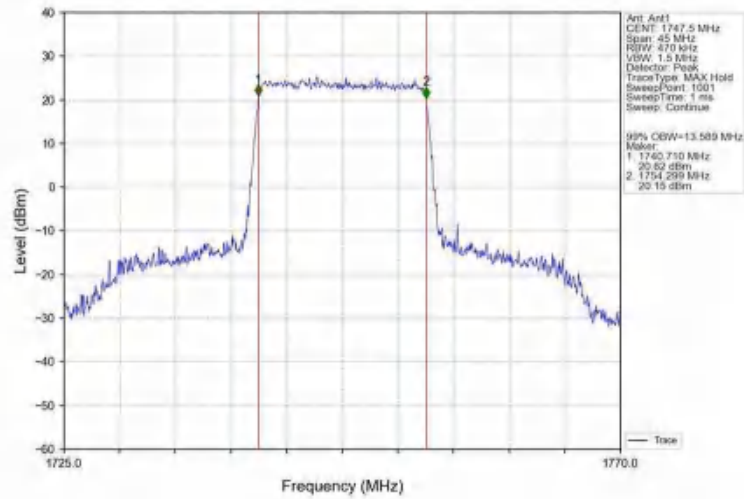
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



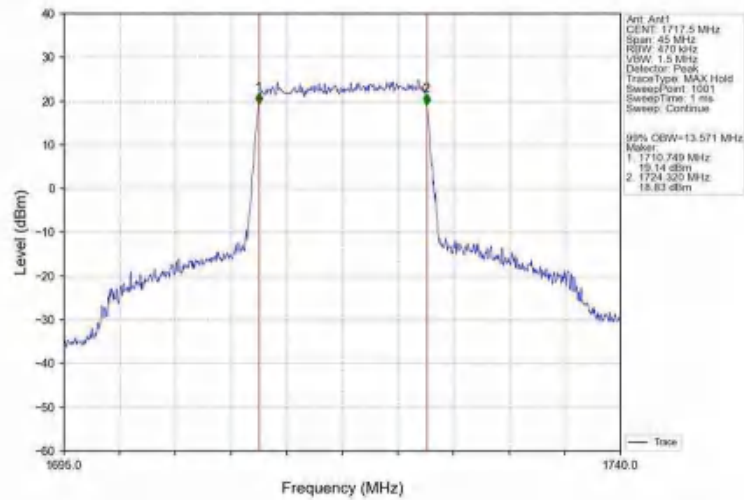
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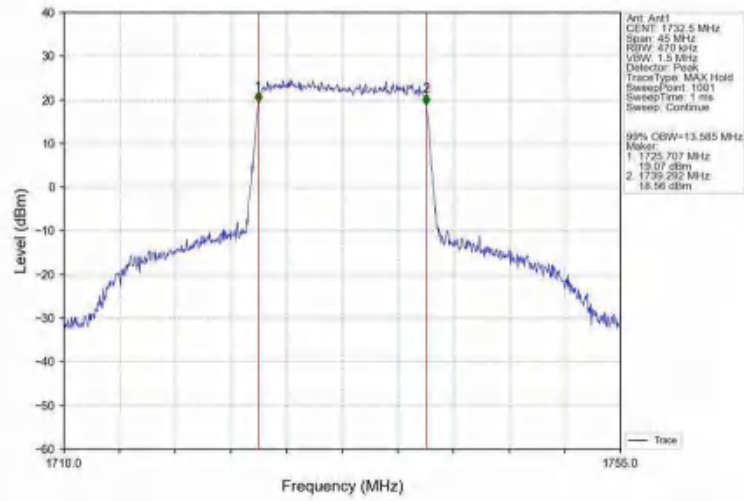
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



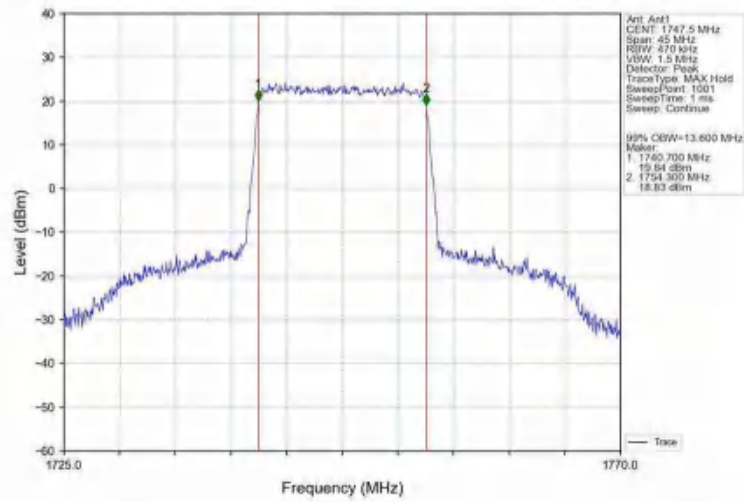
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



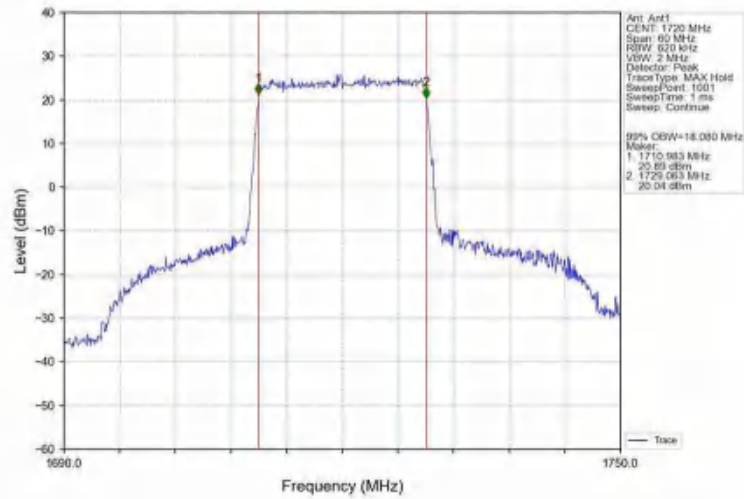
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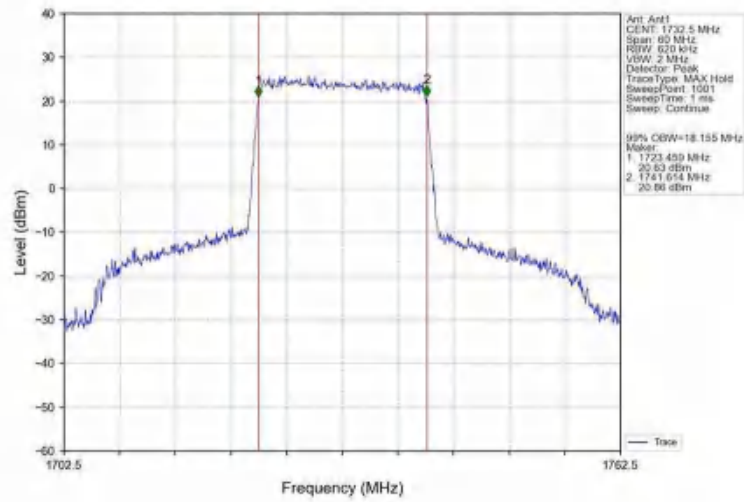
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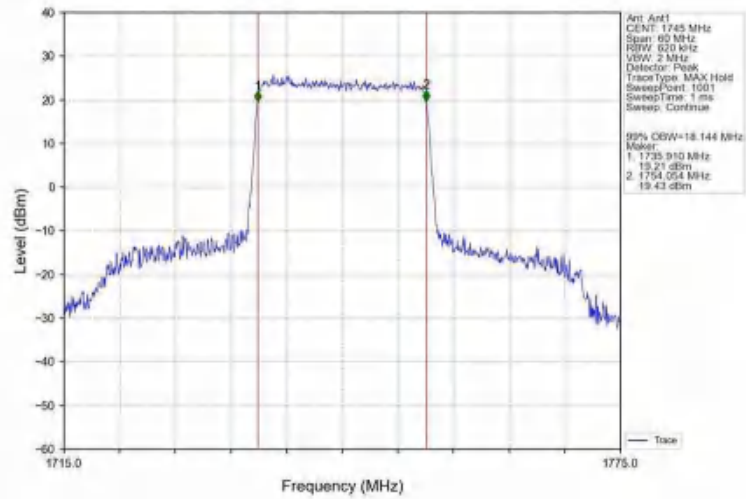
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



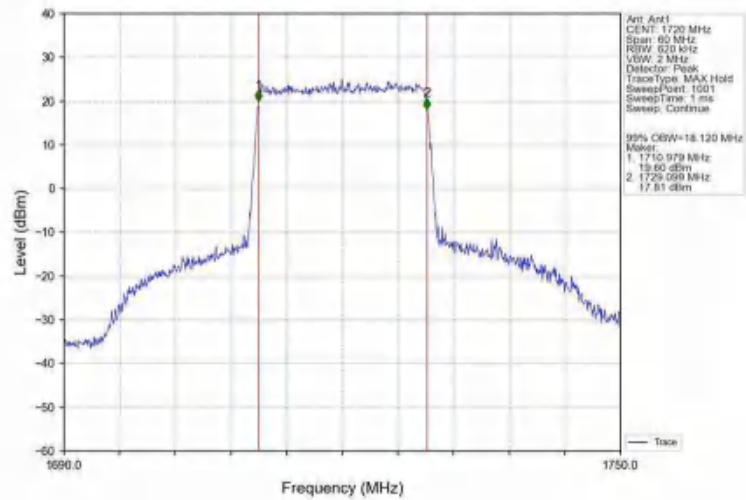
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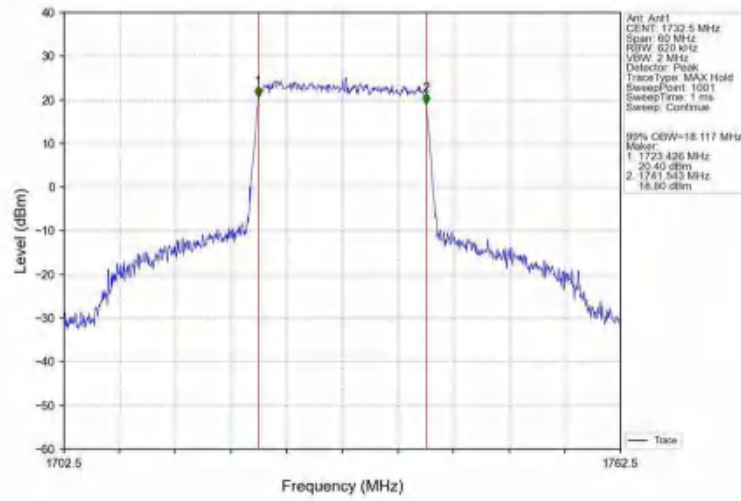
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



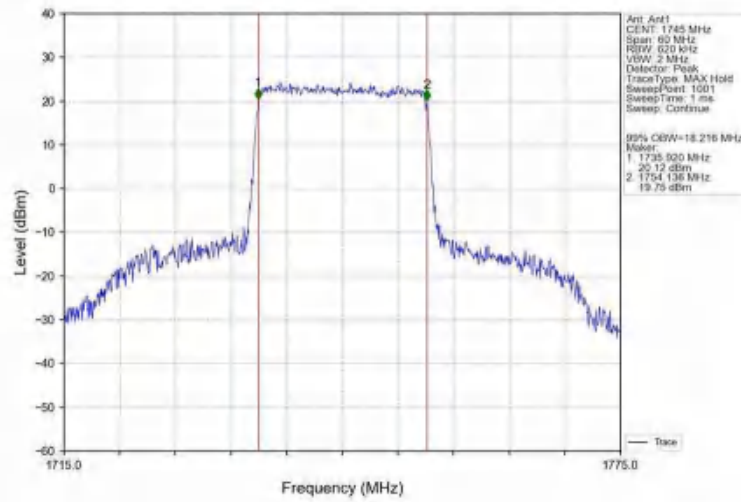
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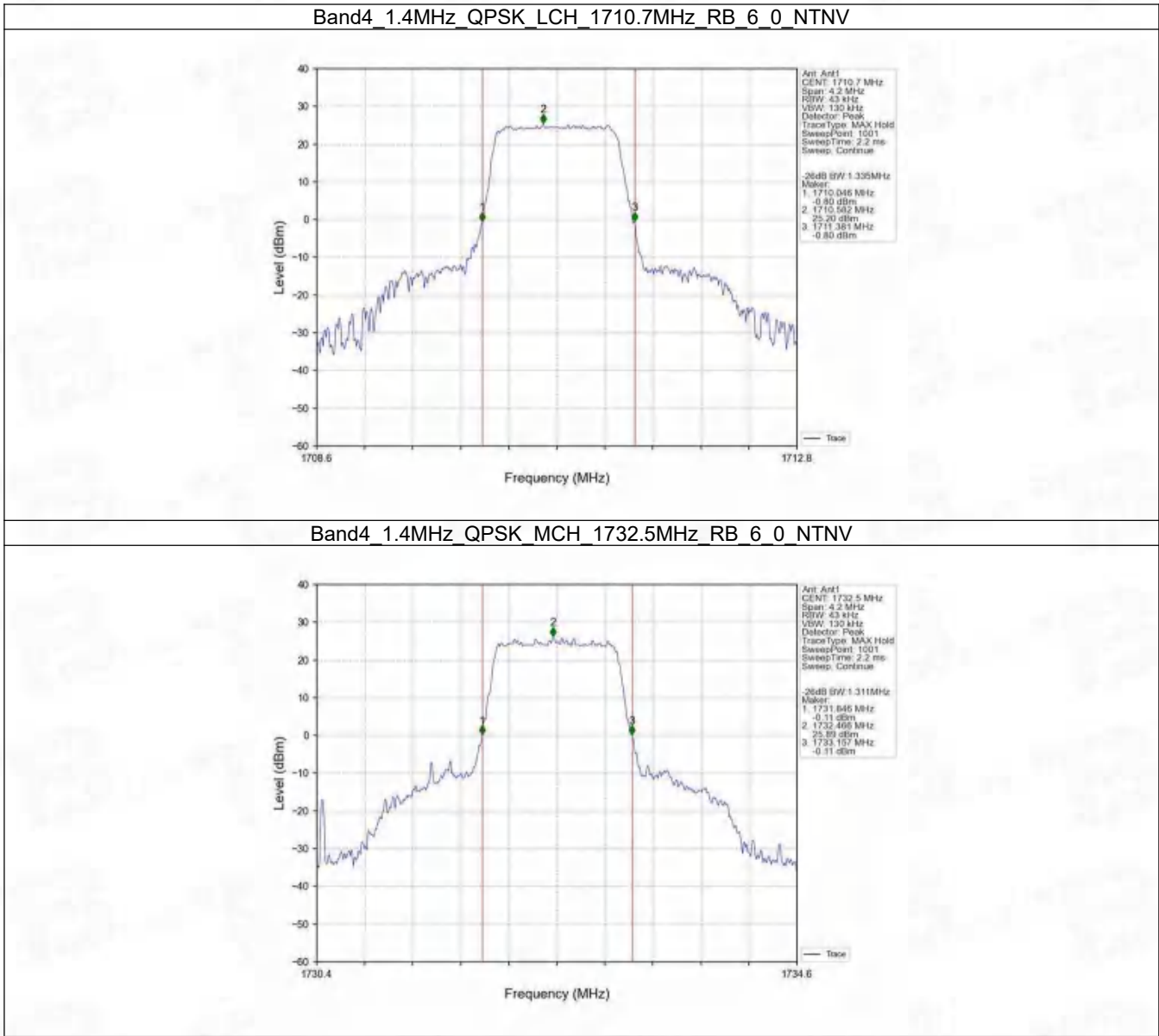
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



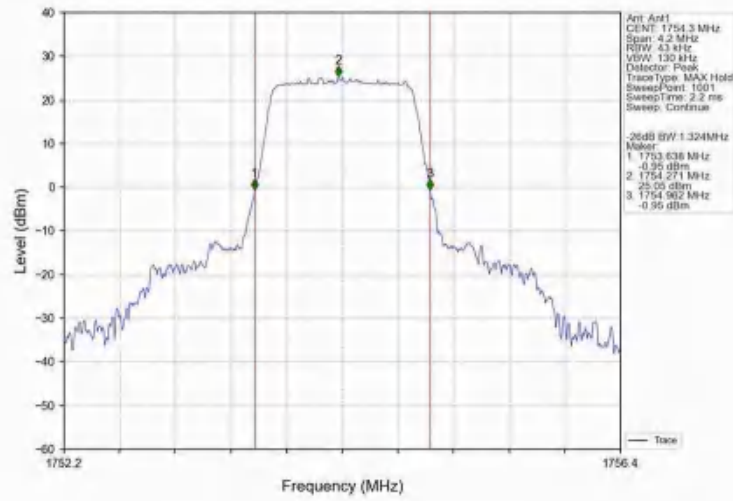
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



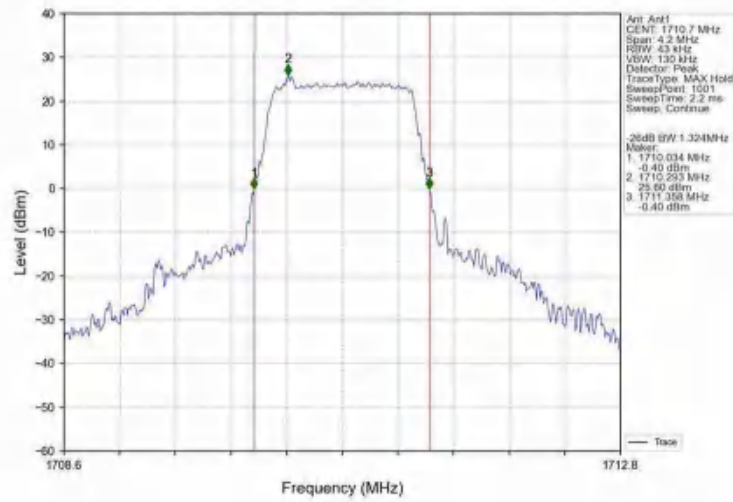
4.2.2 Band4_XDB



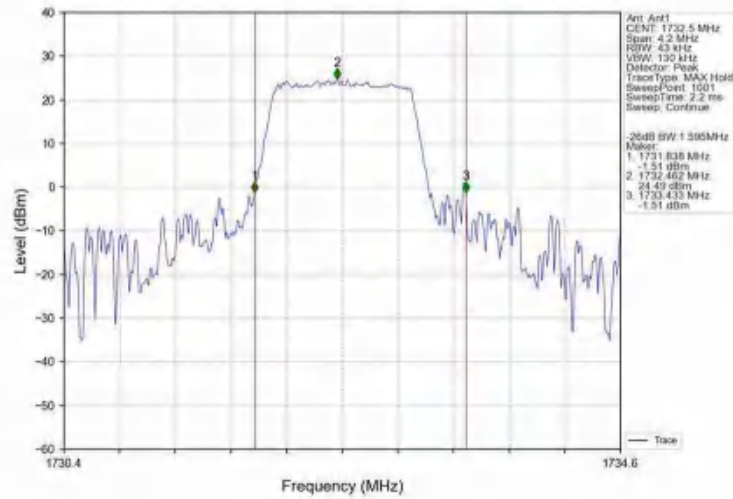
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



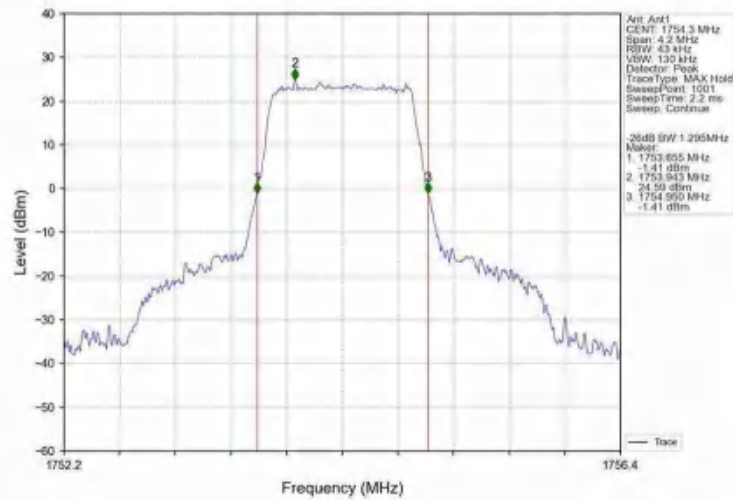
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



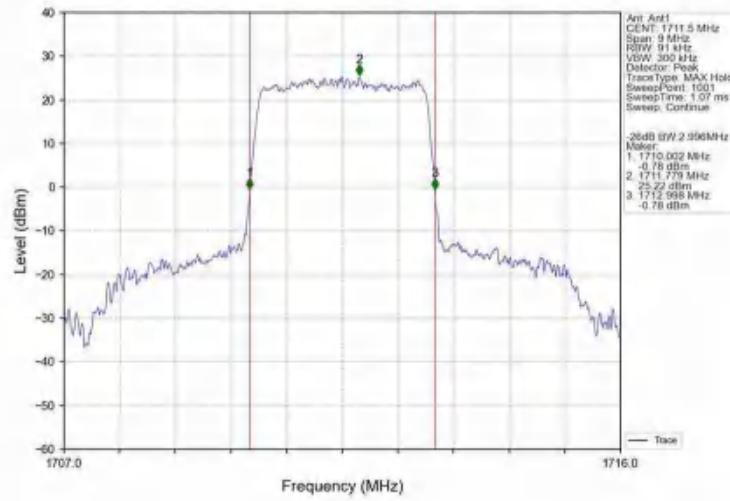
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



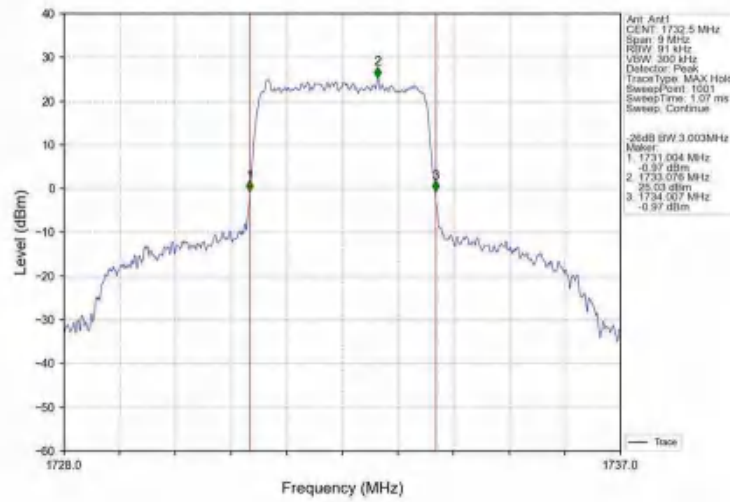
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



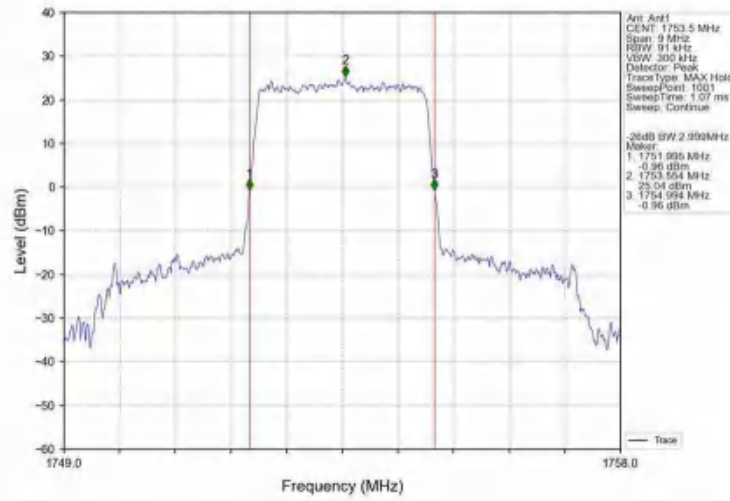
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



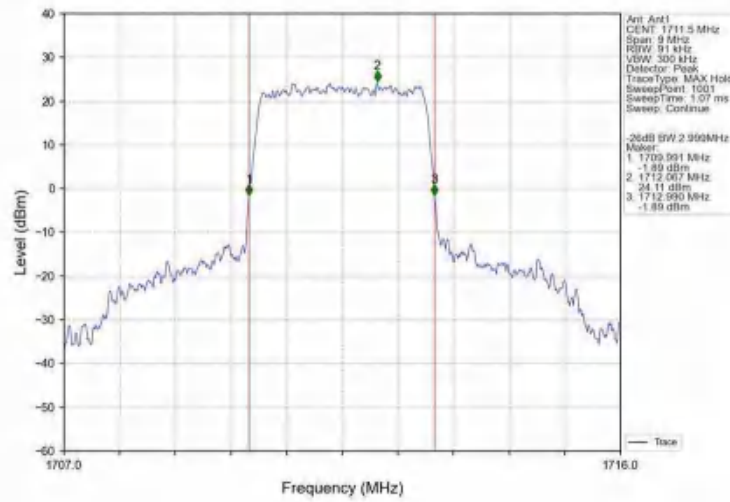
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



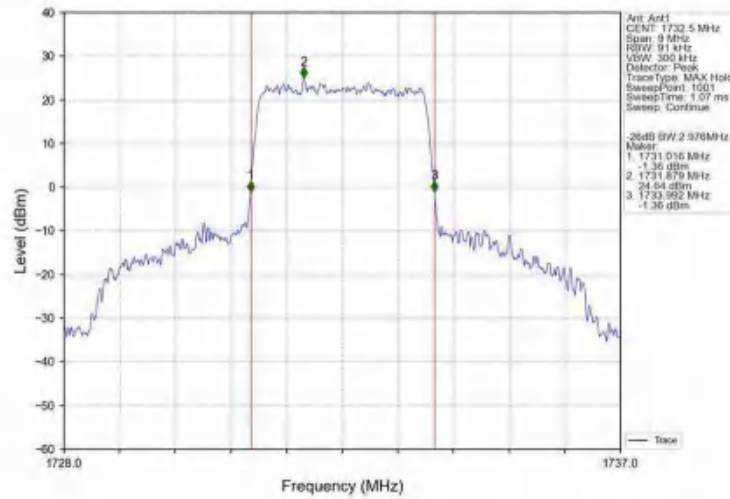
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



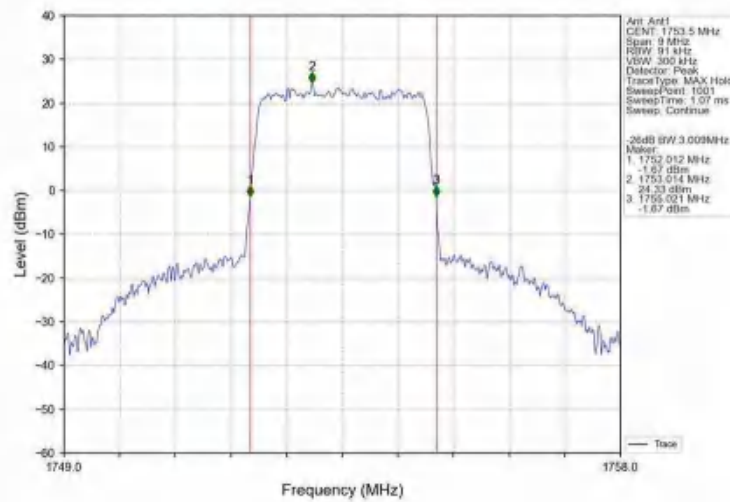
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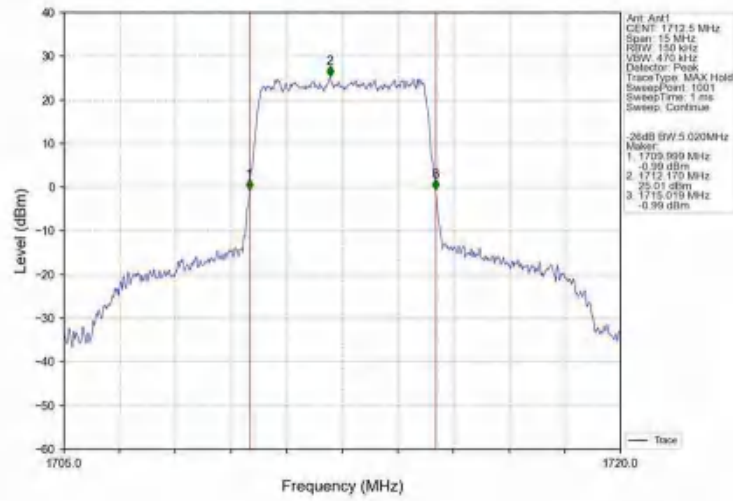
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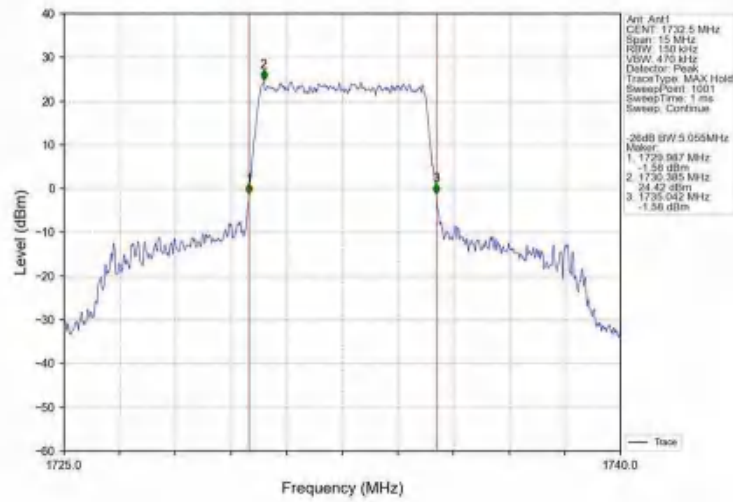
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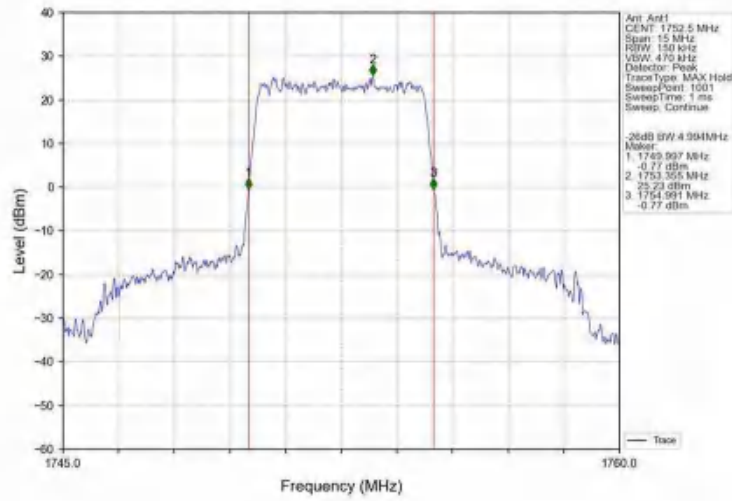
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



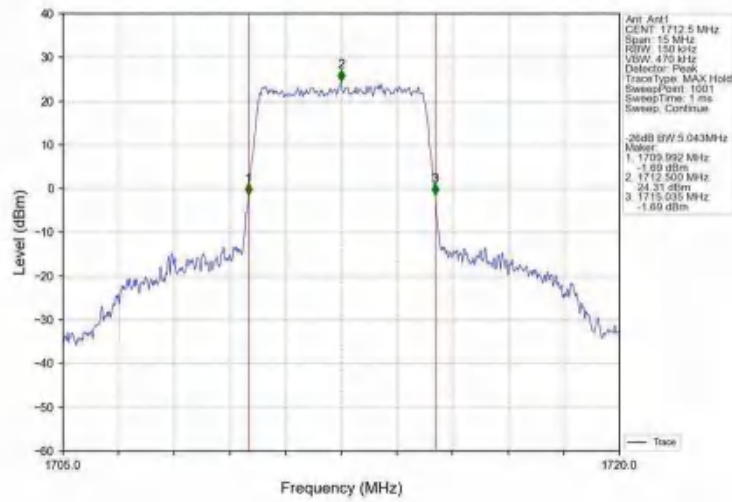
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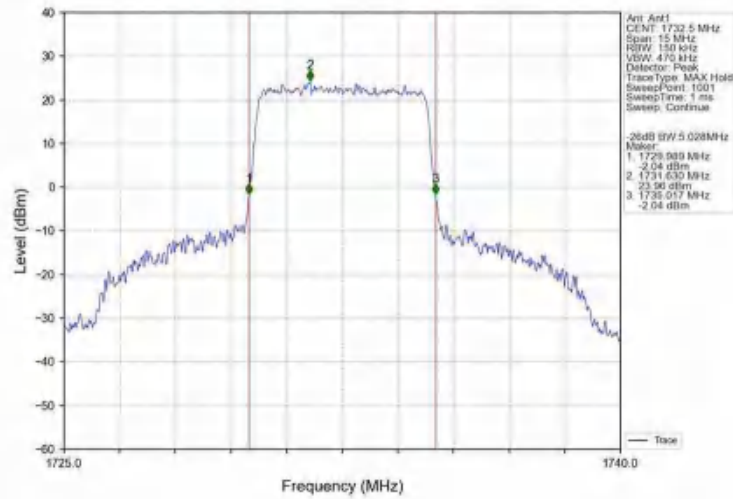
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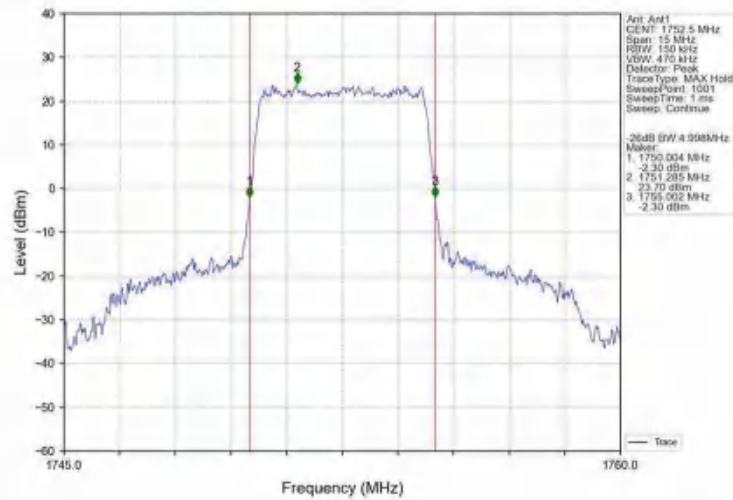
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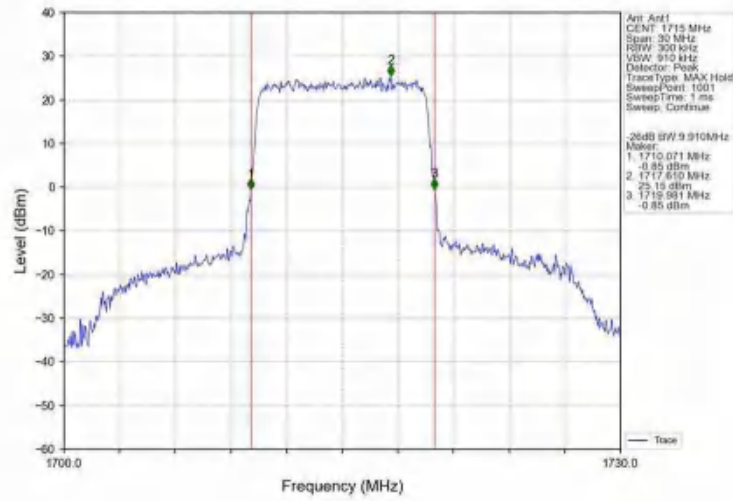
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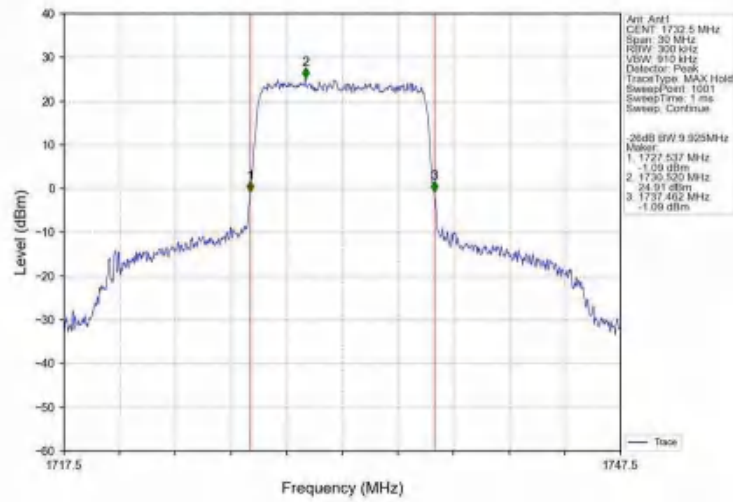
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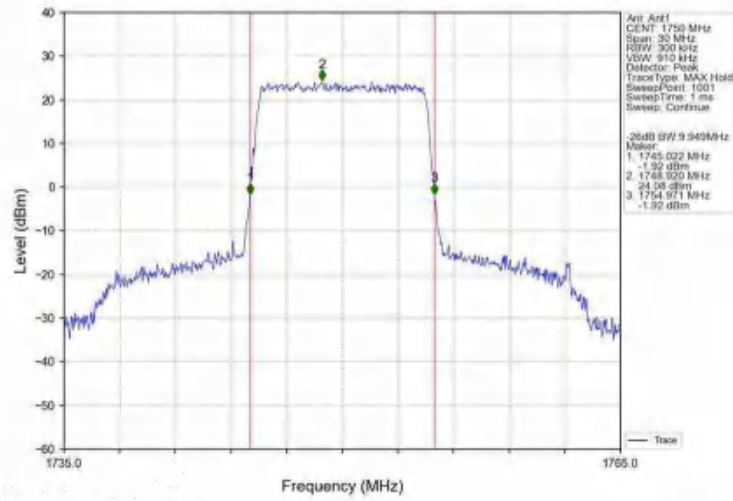
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



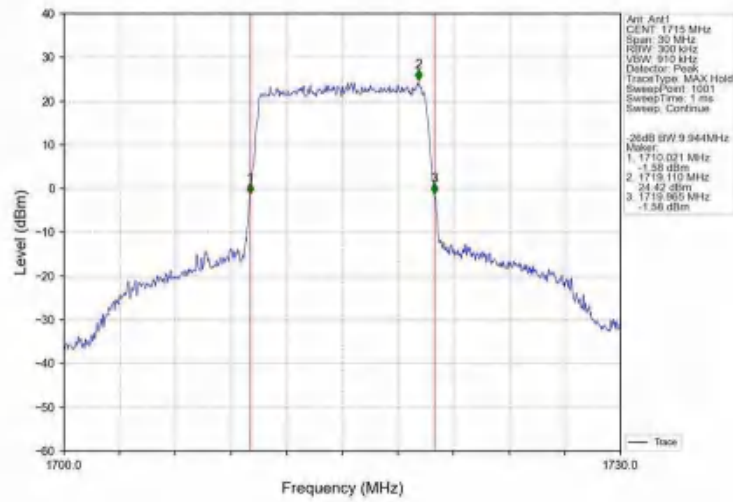
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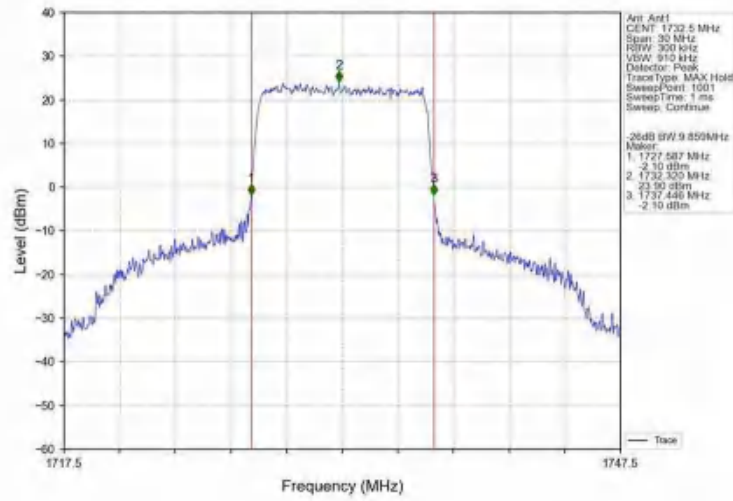
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



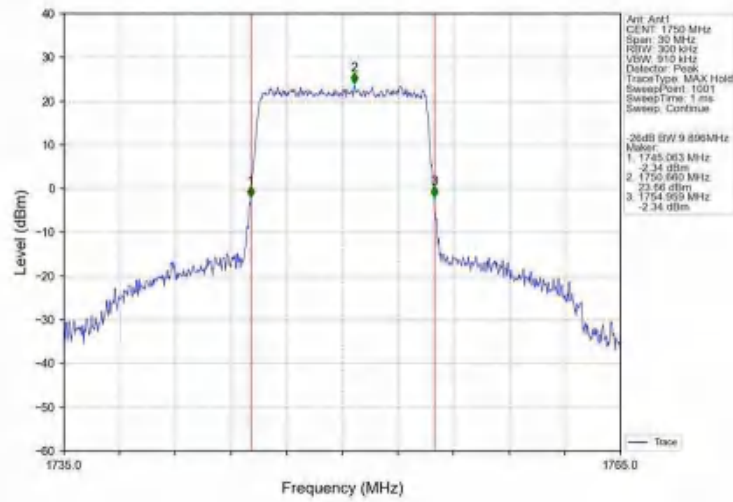
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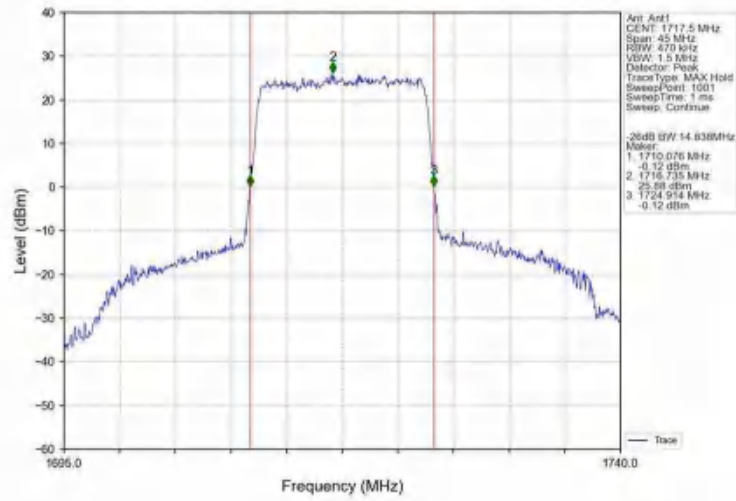
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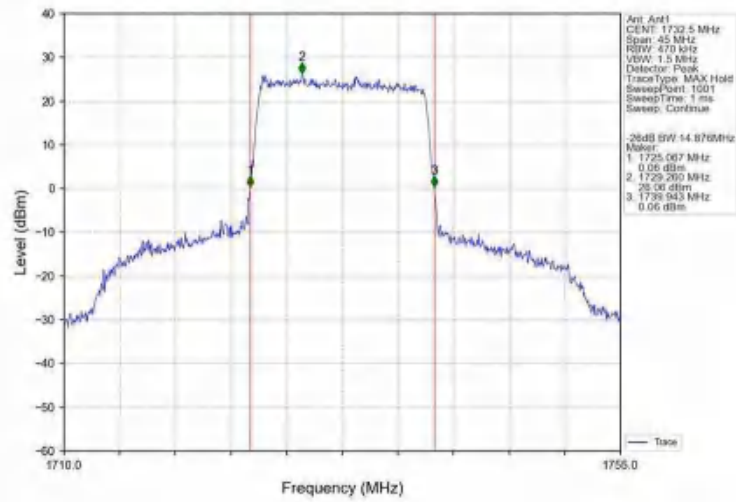
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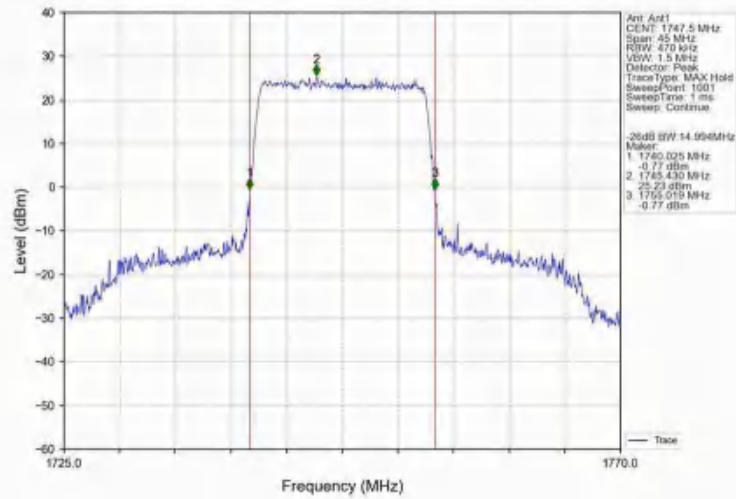
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



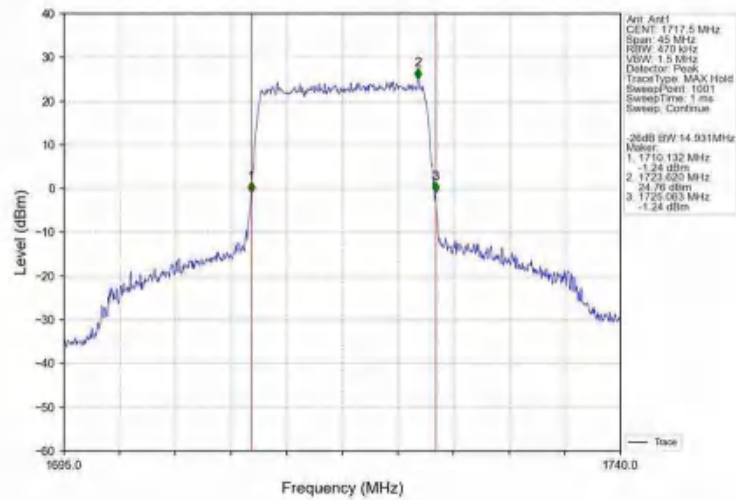
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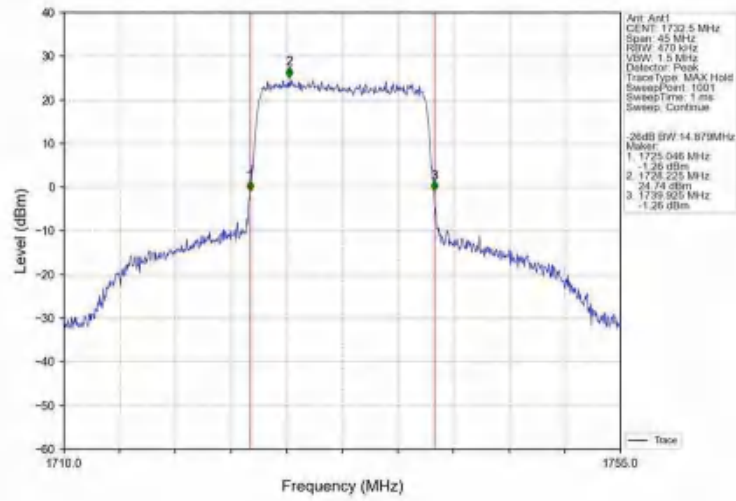
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



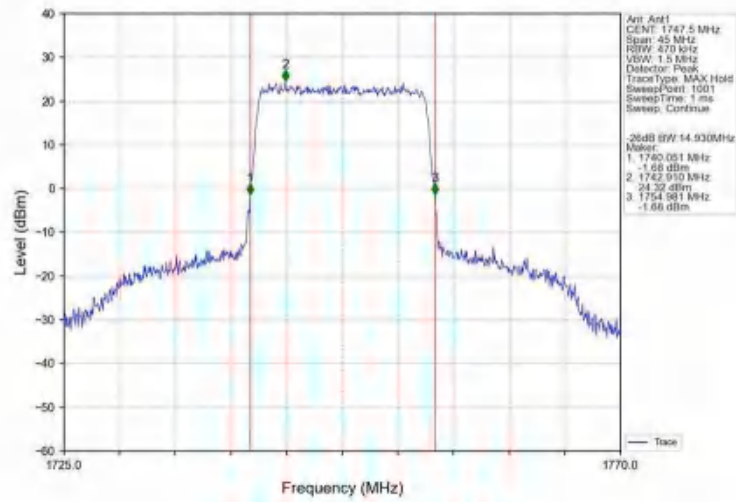
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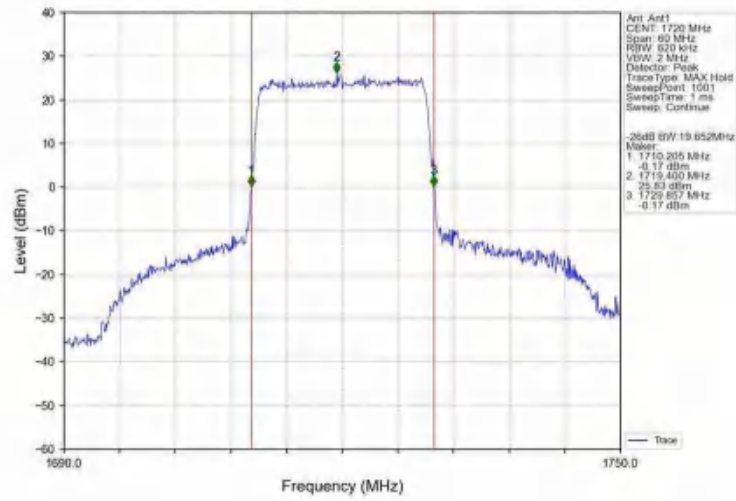
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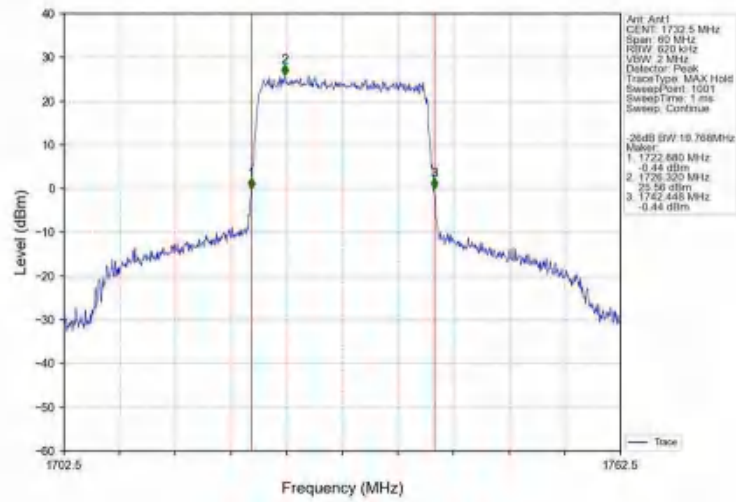
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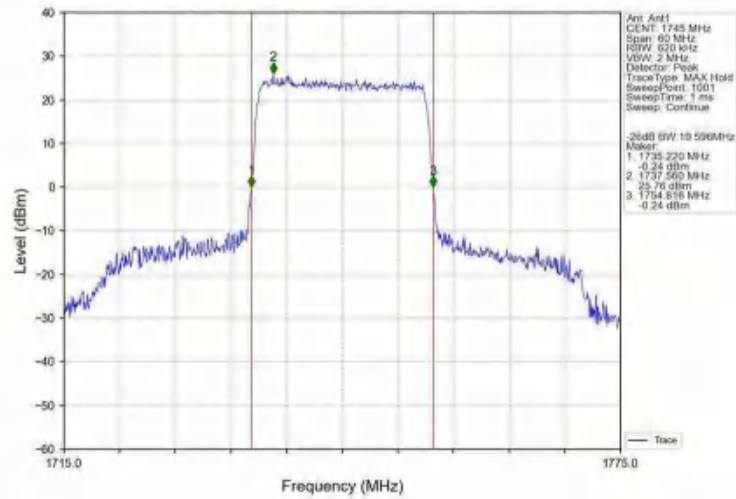
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



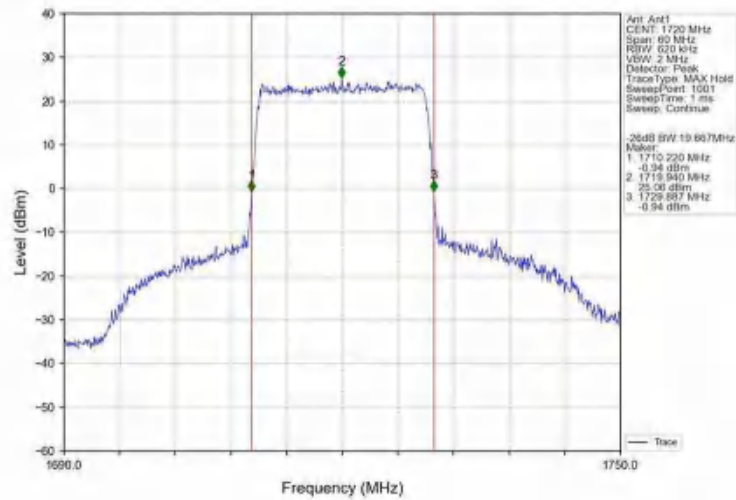
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



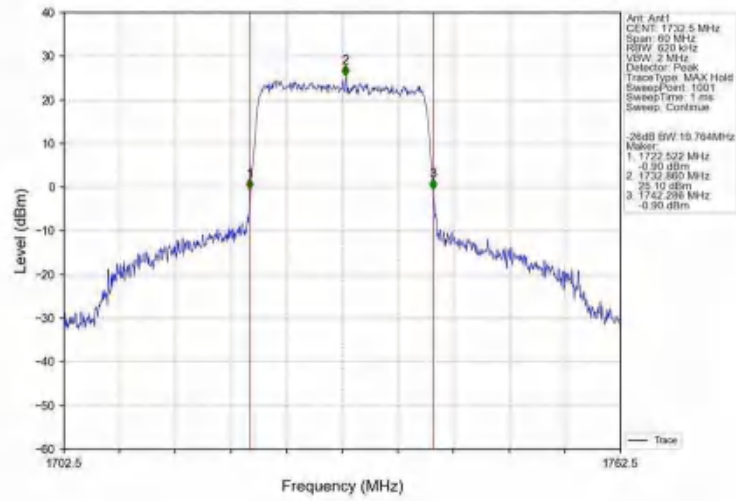
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



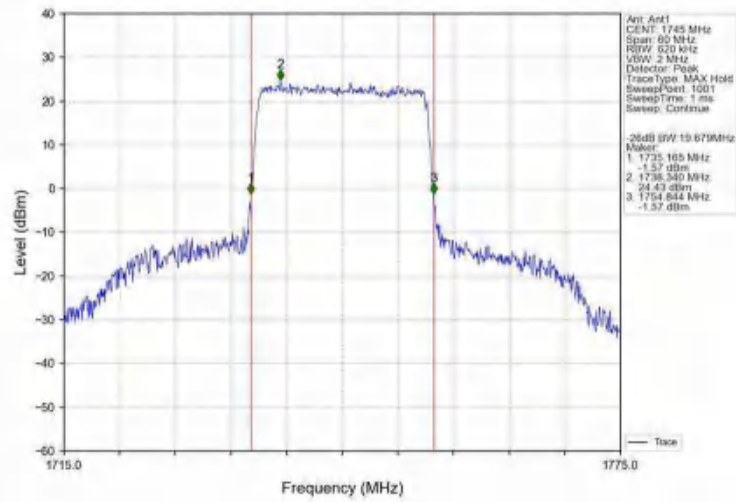
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.14	<=13	Pass
	1732.5	6	0	4.72	<=13	Pass
	1754.3	6	0	5.17	<=13	Pass
16QAM	1710.7	6	0	5.87	<=13	Pass
	1732.5	6	0	5.53	<=13	Pass
	1754.3	6	0	6.00	<=13	Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.21	<=13	Pass
	1732.5	15	0	4.78	<=13	Pass
	1753.5	15	0	5.29	<=13	Pass
16QAM	1711.5	15	0	5.98	<=13	Pass
	1732.5	15	0	5.60	<=13	Pass
	1753.5	15	0	6.05	<=13	Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.38	<=13	Pass
	1732.5	25	0	5.12	<=13	Pass
	1752.5	25	0	5.44	<=13	Pass
16QAM	1712.5	25	0	6.05	<=13	Pass
	1732.5	25	0	5.79	<=13	Pass
	1752.5	25	0	6.07	<=13	Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.34	<=13	Pass
	1732.5	50	0	5.13	<=13	Pass
	1750	50	0	5.42	<=13	Pass
16QAM	1715	50	0	6.06	<=13	Pass
	1732.5	50	0	5.86	<=13	Pass

	1750	50	0	6.09	<=13	Pass
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5.1.5 B4_15MHz

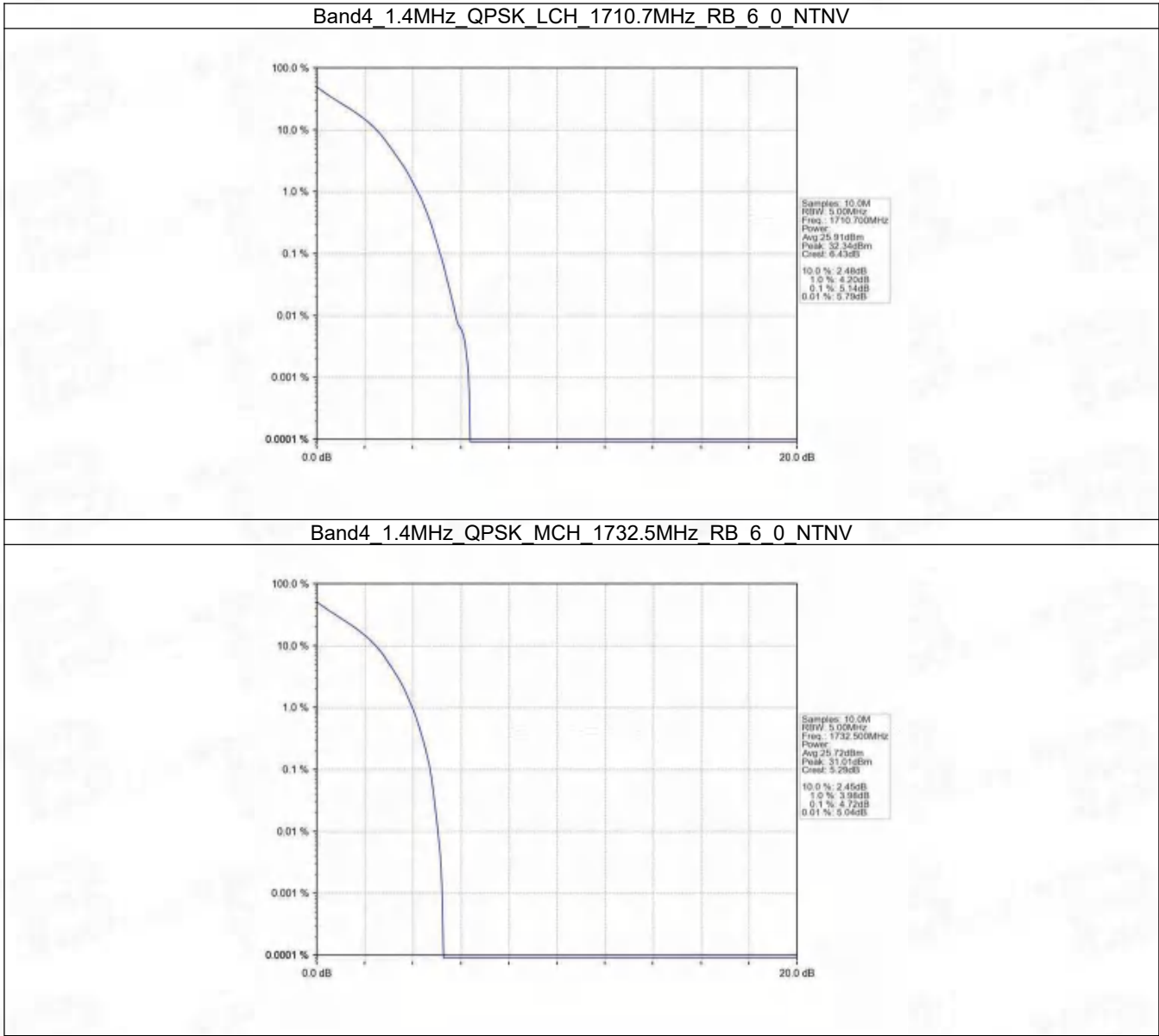
Band: 4 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	4.82	<=13	Pass
	1732.5	75	0	4.88	<=13	Pass
	1747.5	75	0	4.84	<=13	Pass
16QAM	1717.5	75	0	6.07	<=13	Pass
	1732.5	75	0	6.00	<=13	Pass
	1747.5	75	0	6.05	<=13	Pass

5.1.6 B4_20MHz

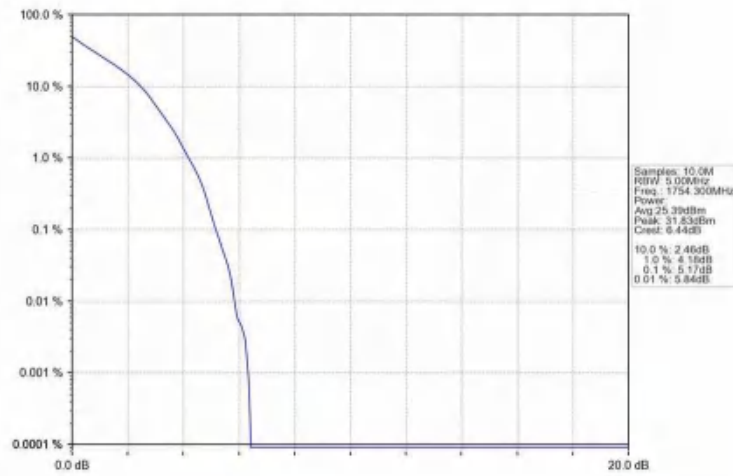
Band: 4 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.65	<=13	Pass
	1732.5	100	0	5.68	<=13	Pass
	1745	100	0	5.61	<=13	Pass
16QAM	1720	100	0	6.59	<=13	Pass
	1732.5	100	0	6.64	<=13	Pass
	1745	100	0	6.64	<=13	Pass

5.2 Test Graph

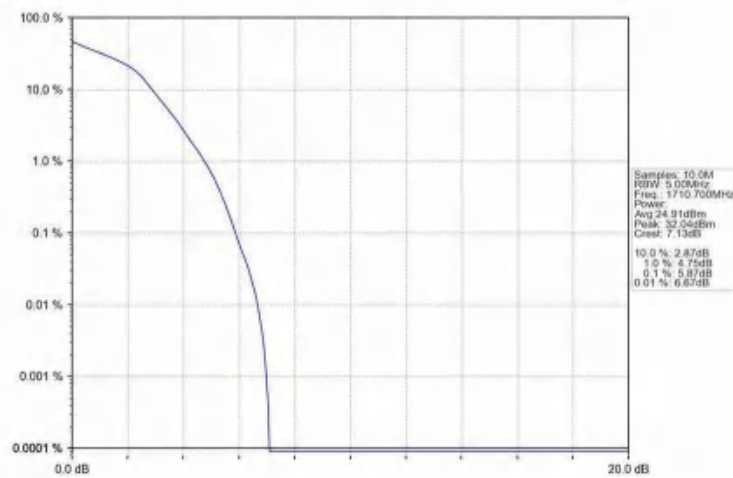
5.2.1 B4_1.4MHz



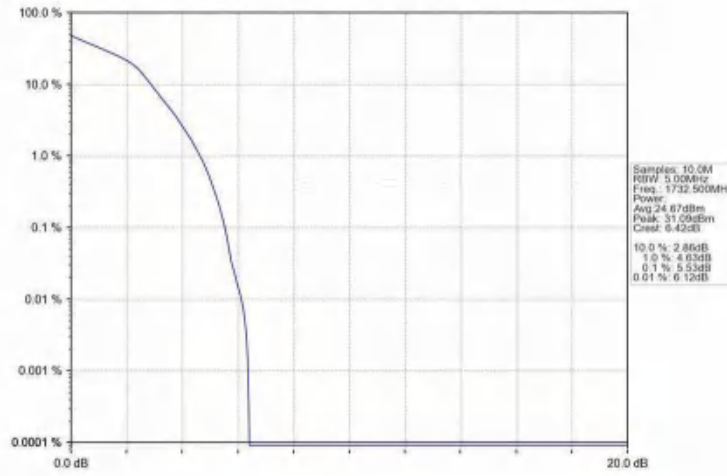
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



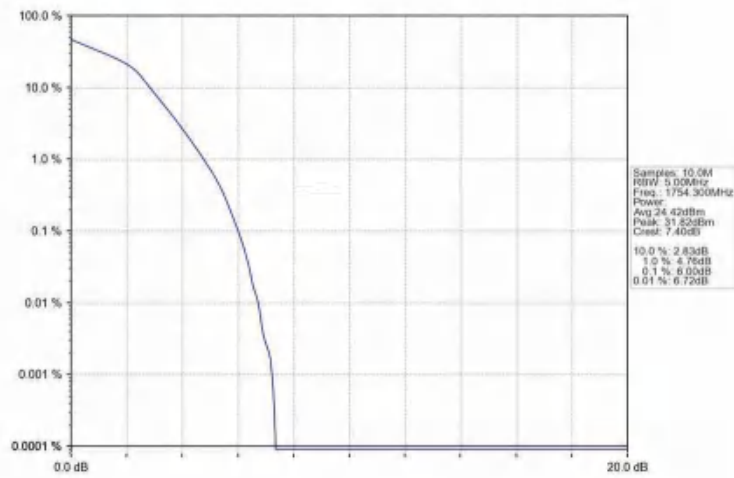
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



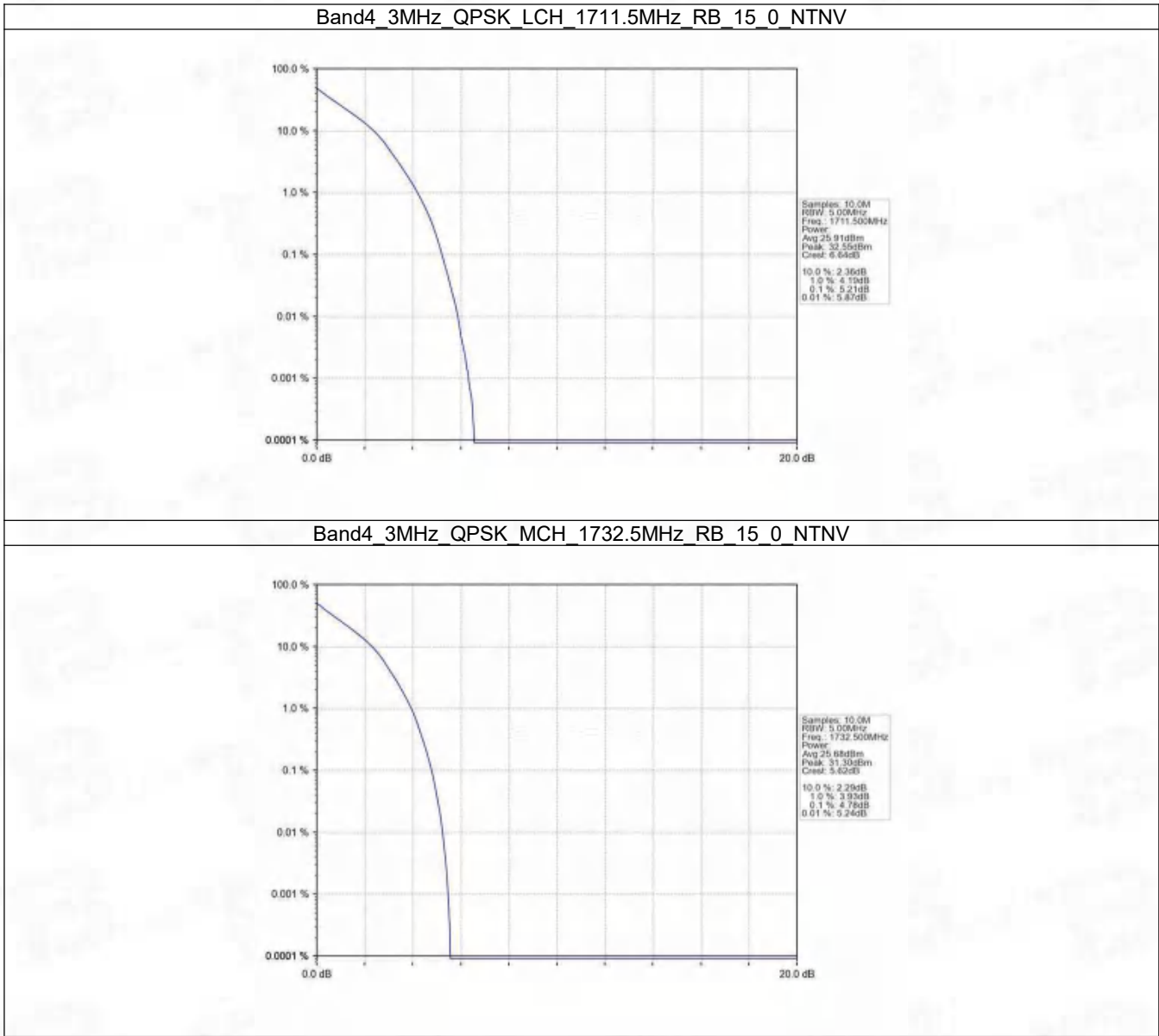
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



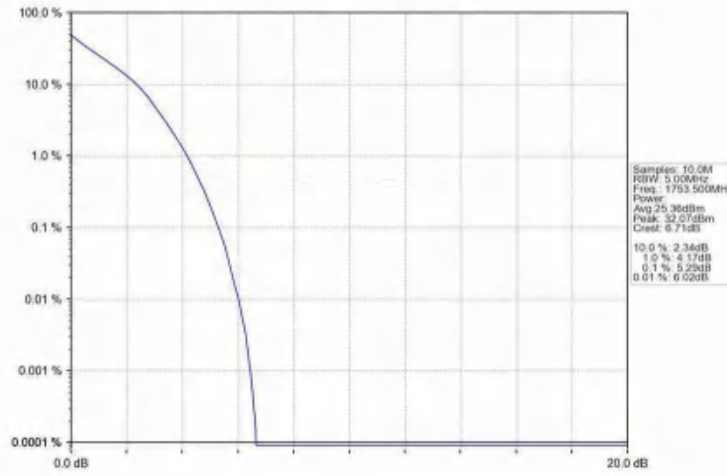
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



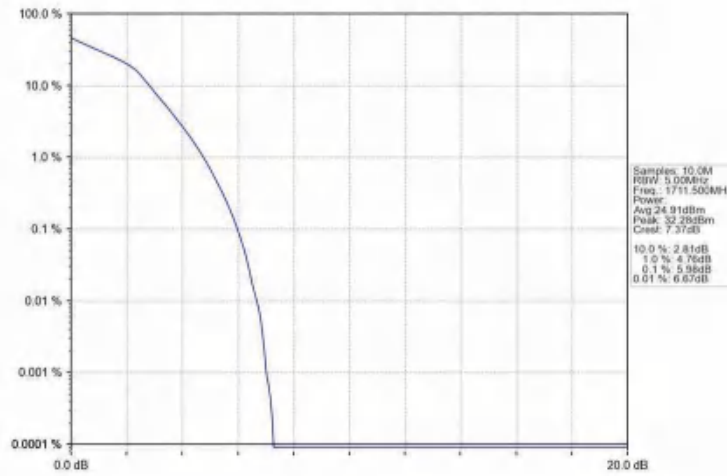
5.2.2 B4_3MHz



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



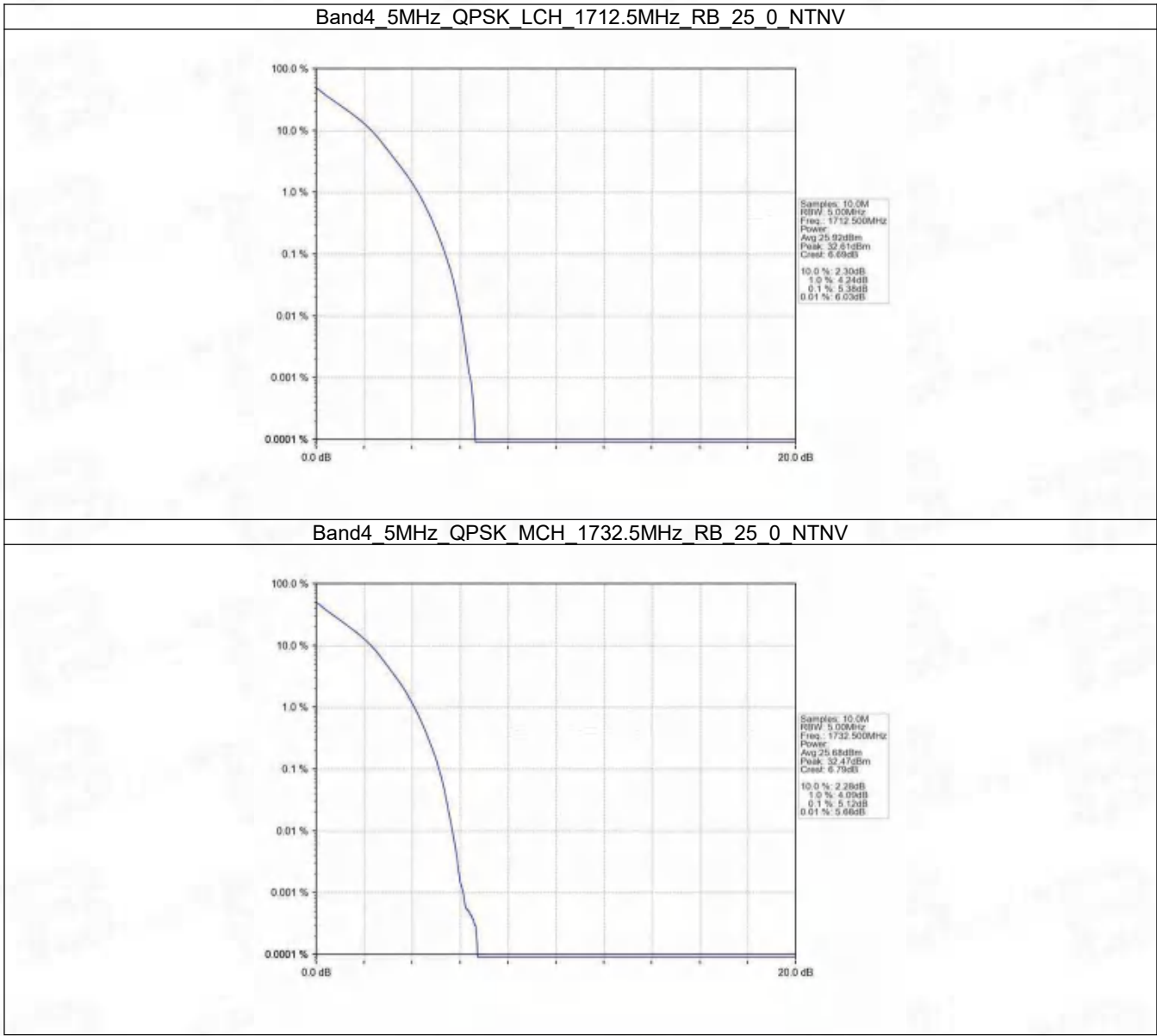
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



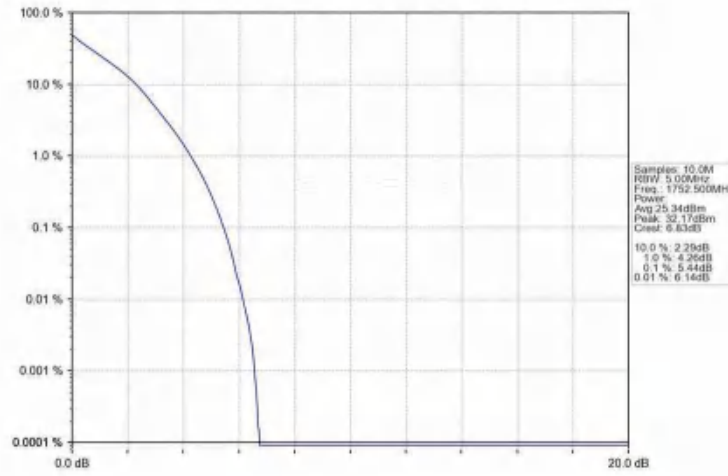
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



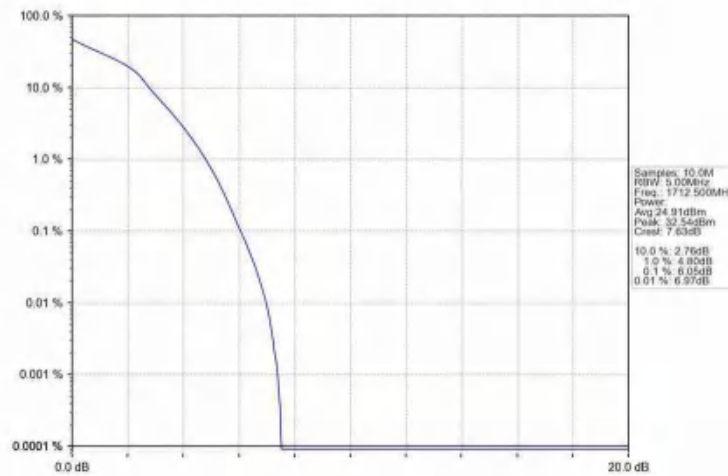
5.2.3 B4_5MHz



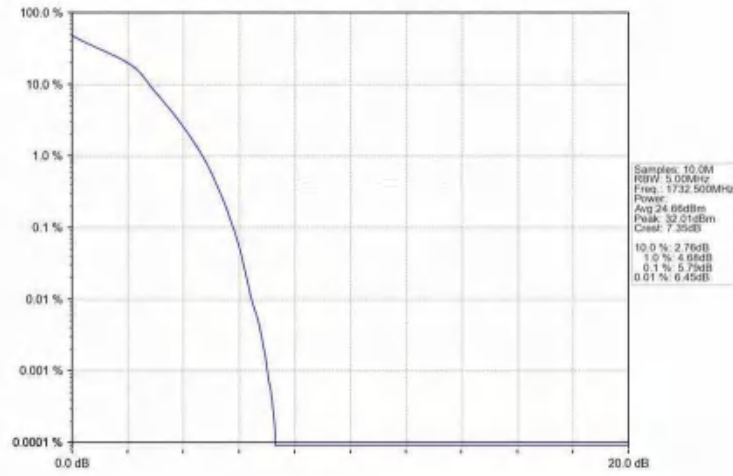
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



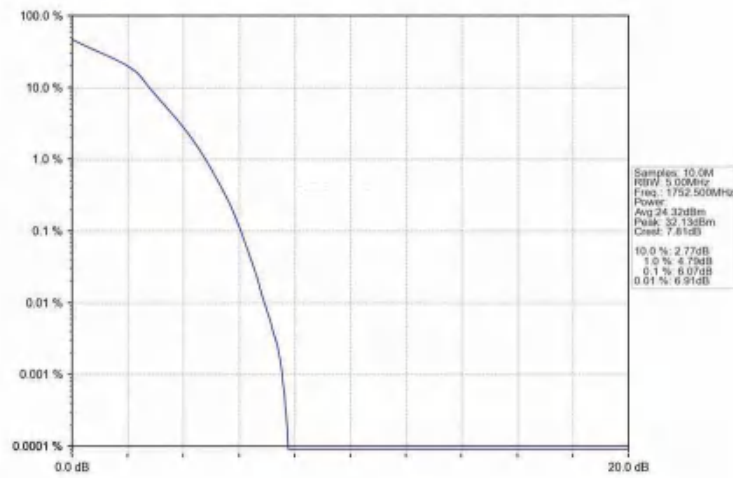
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



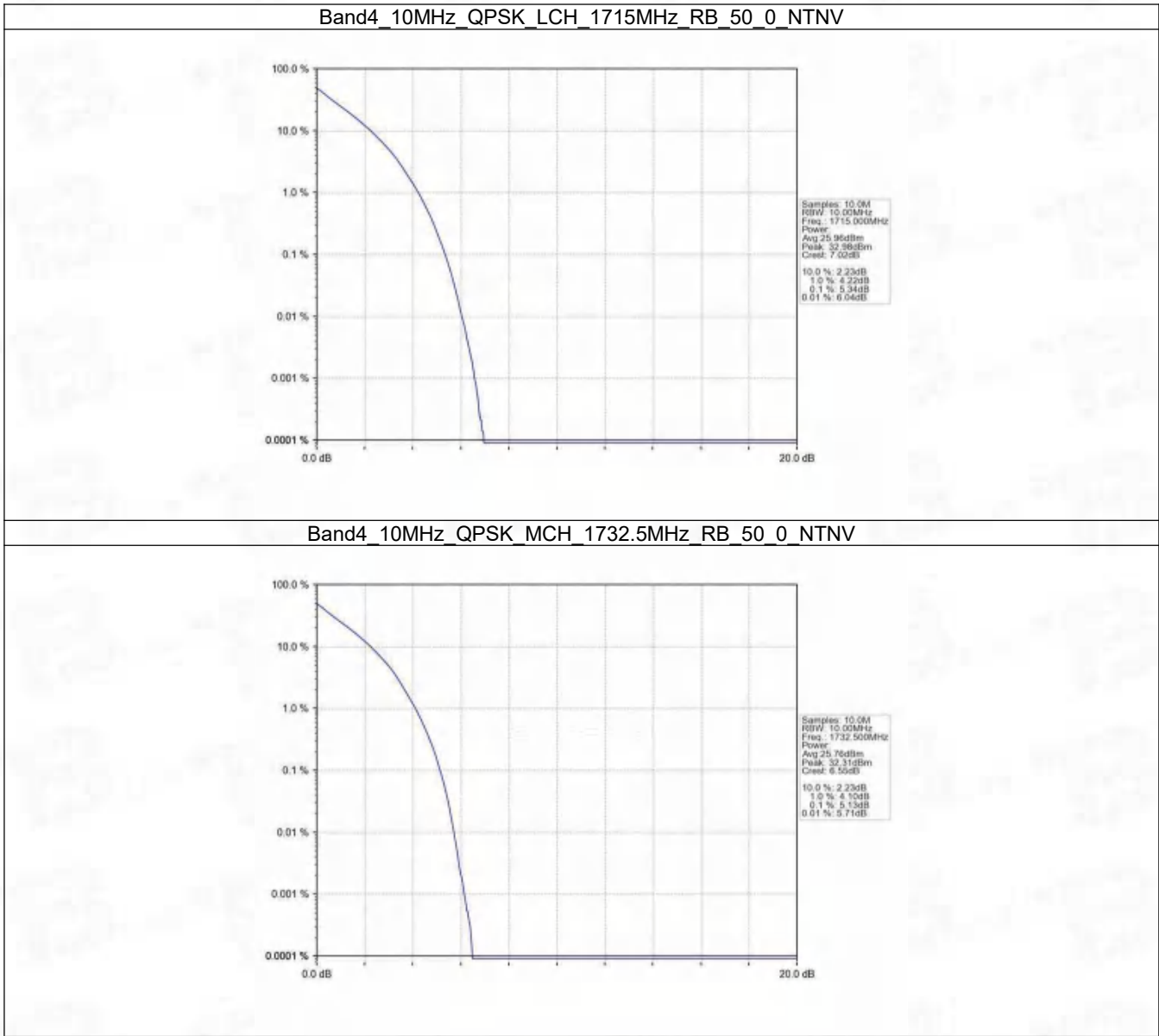
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



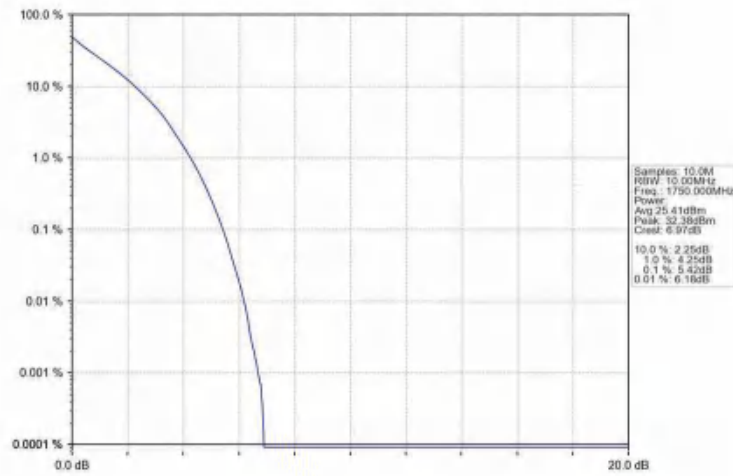
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



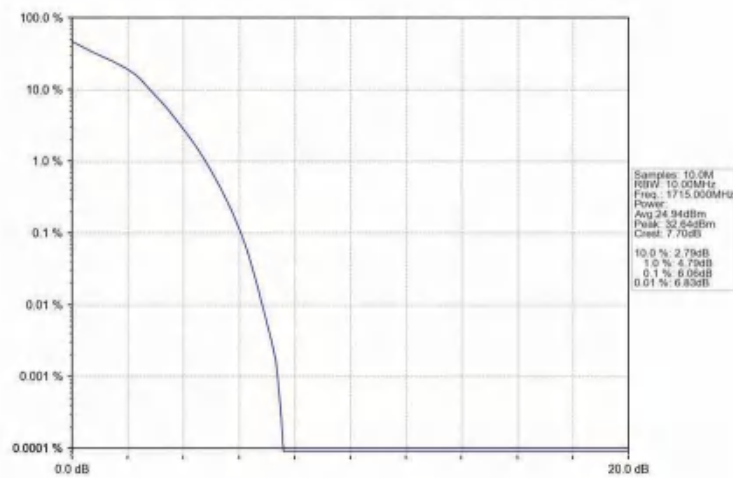
5.2.4 B4_10MHz



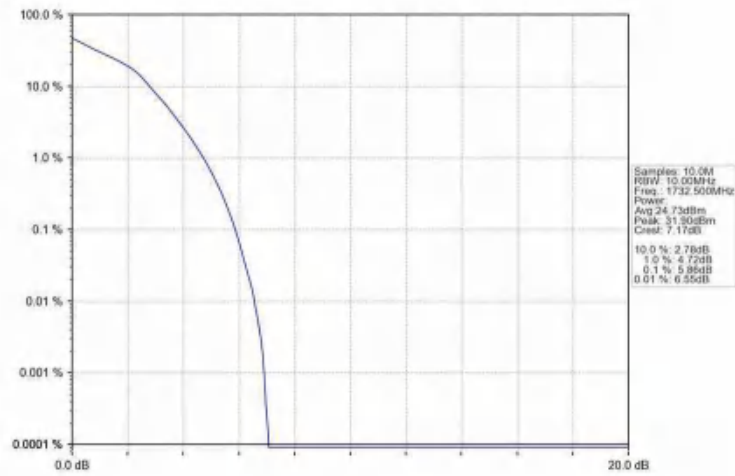
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



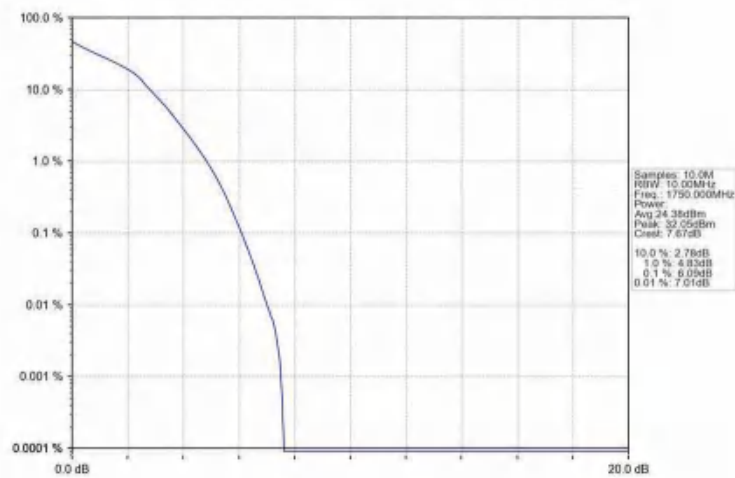
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



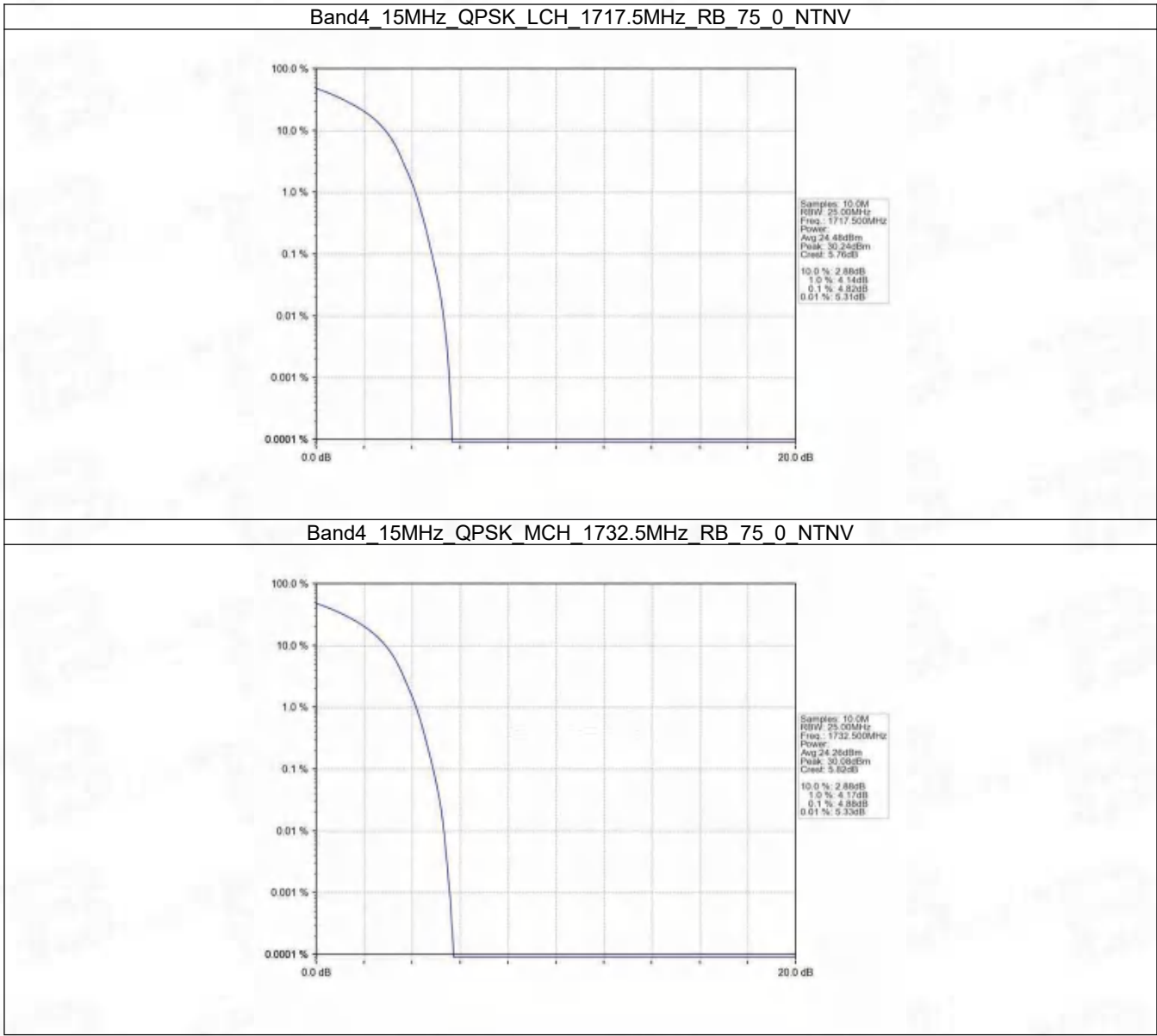
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

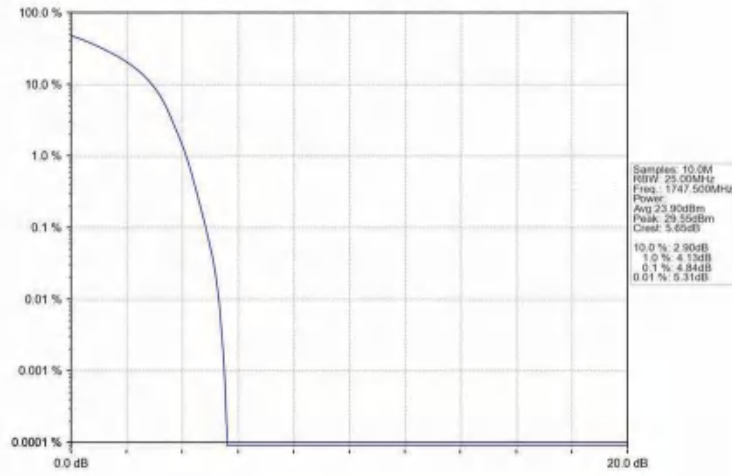


5.2.5 B4_15MHz

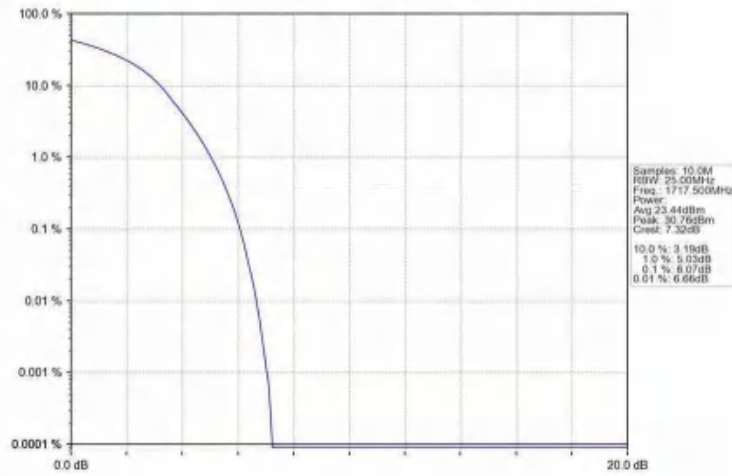


Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV

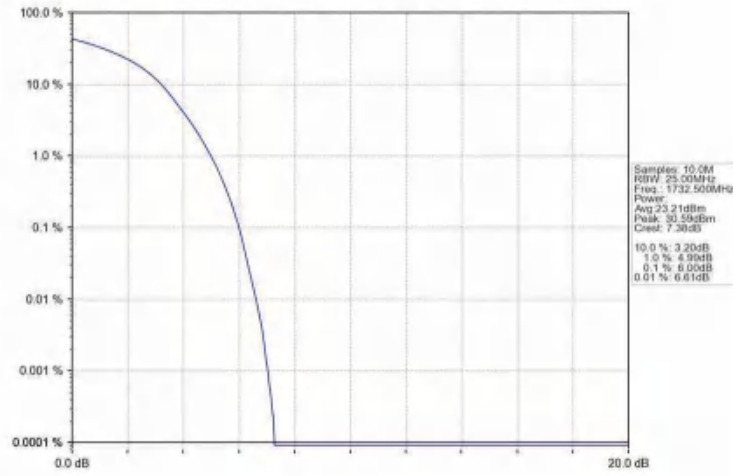
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



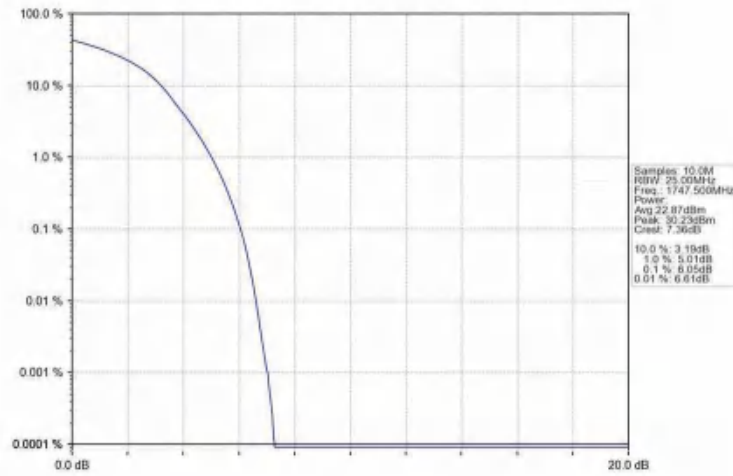
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



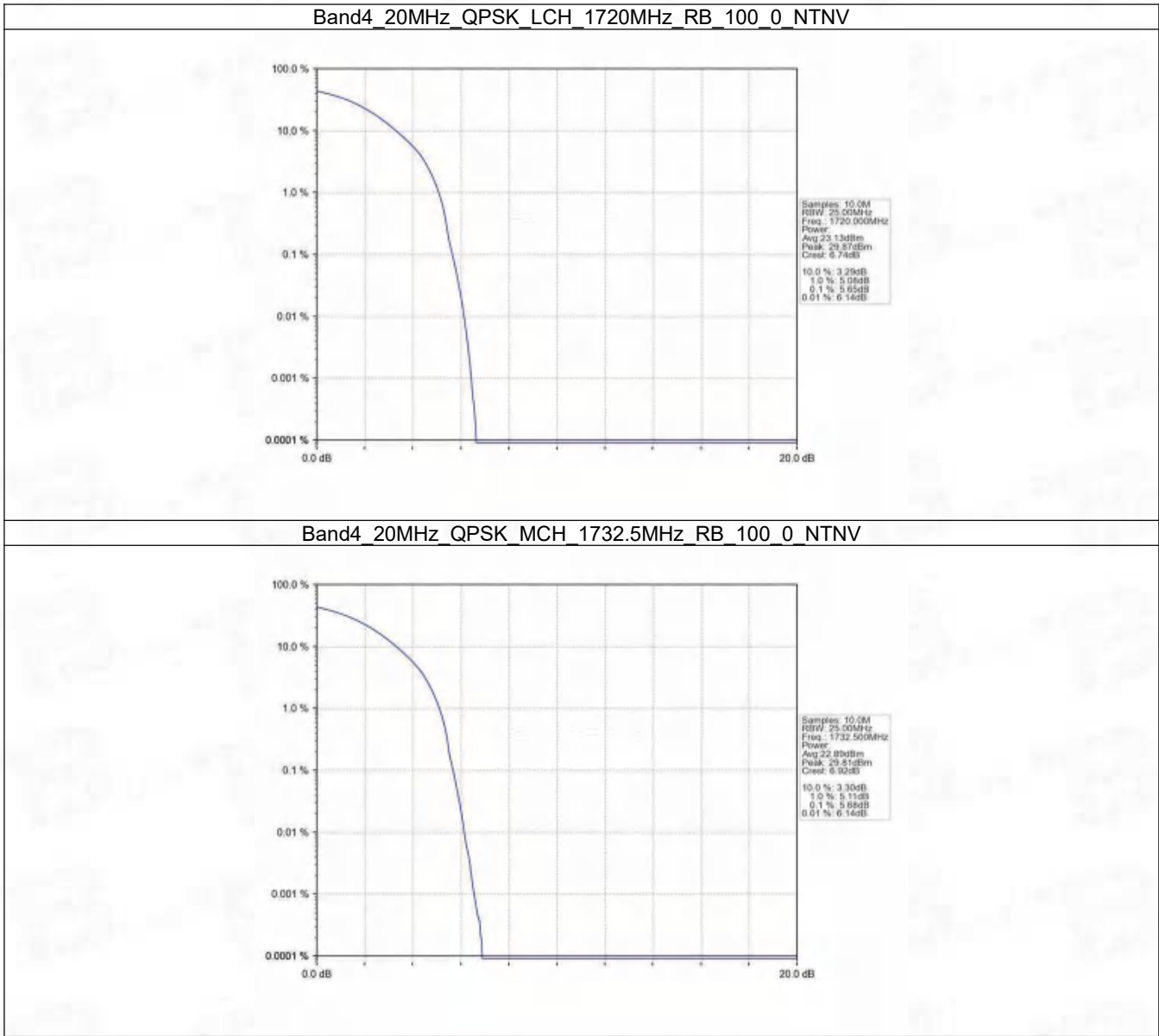
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



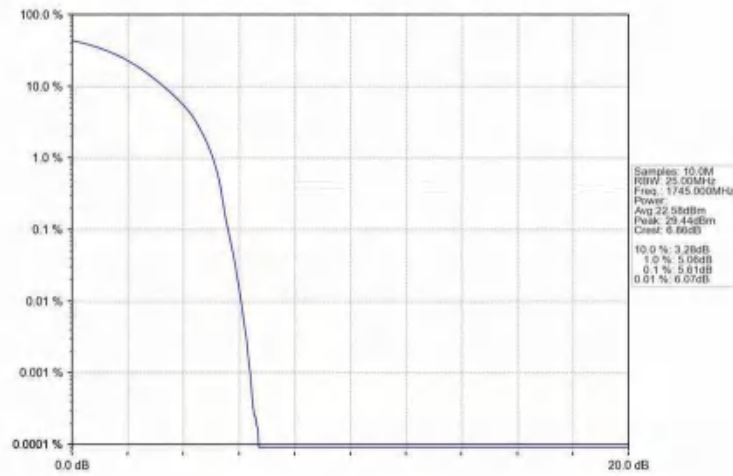
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



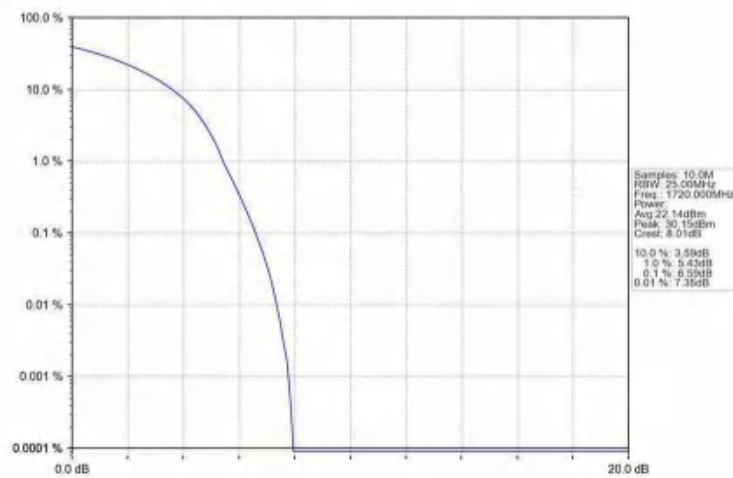
5.2.6 B4_20MHz



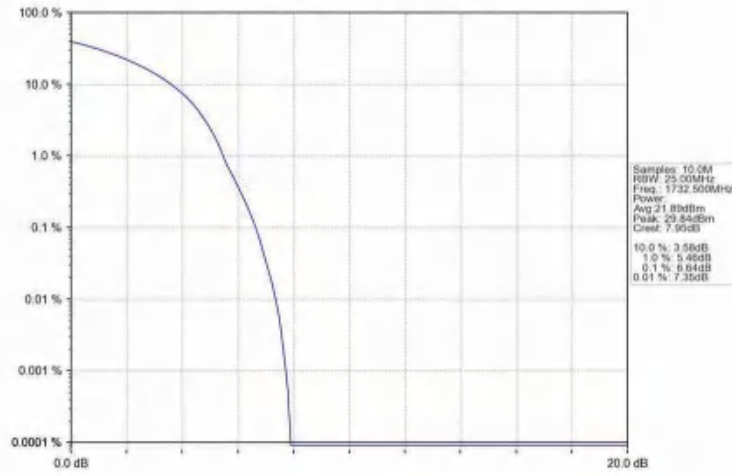
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



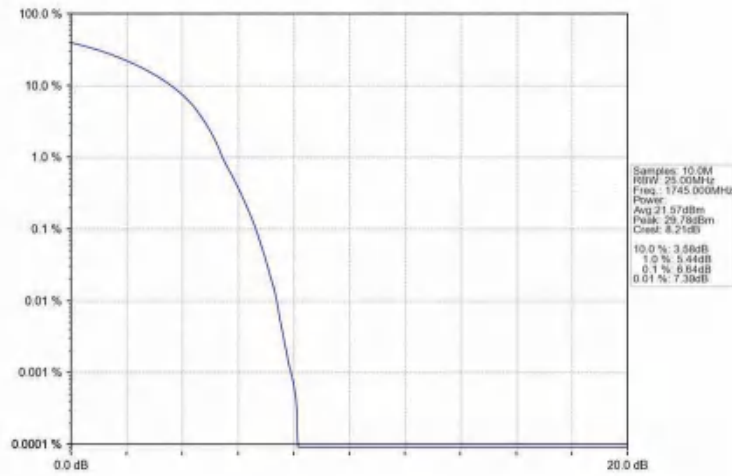
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

	1732.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	1752.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
	50	0	Refer To Test Graph		Pass	

6.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

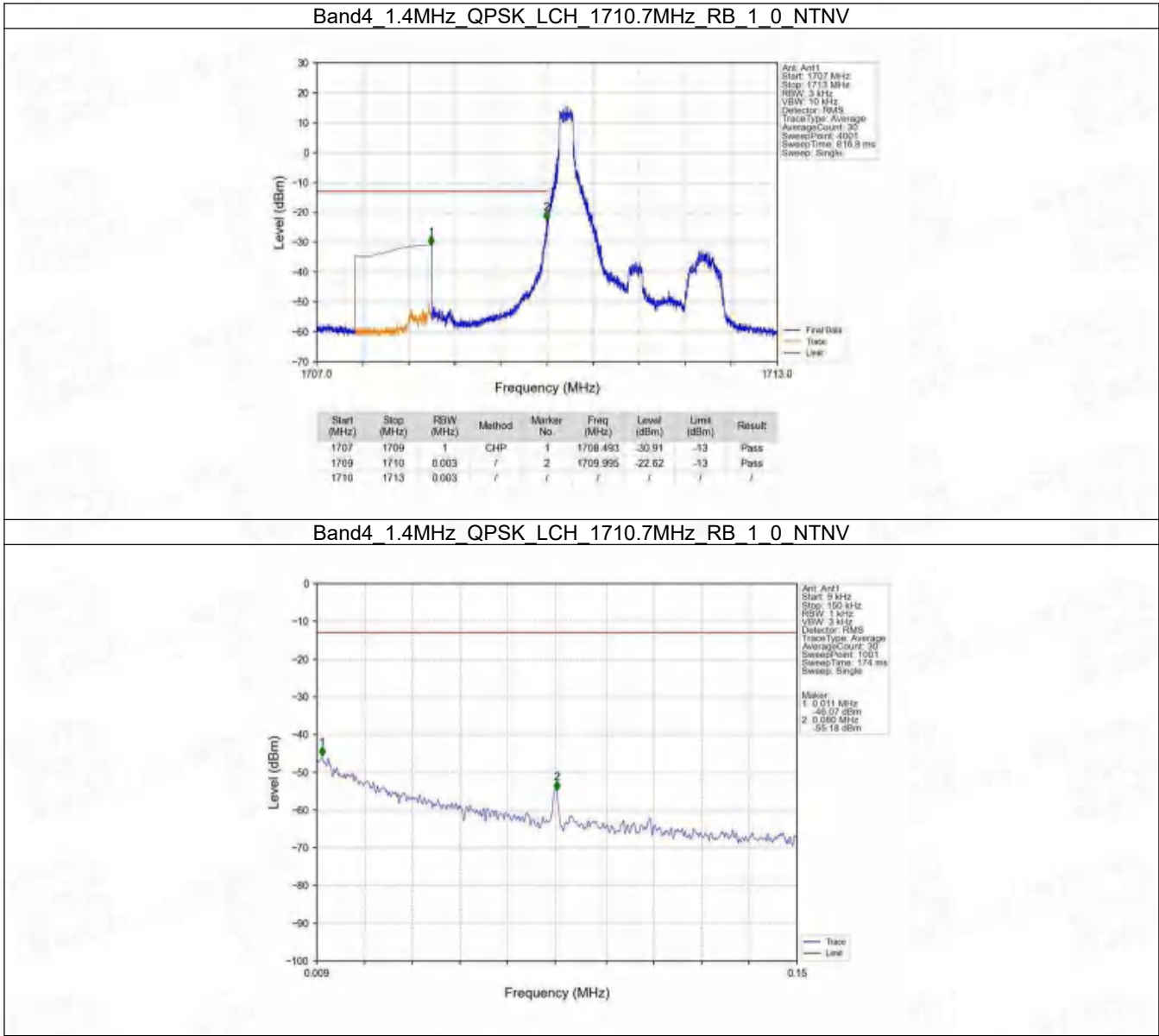
6.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass

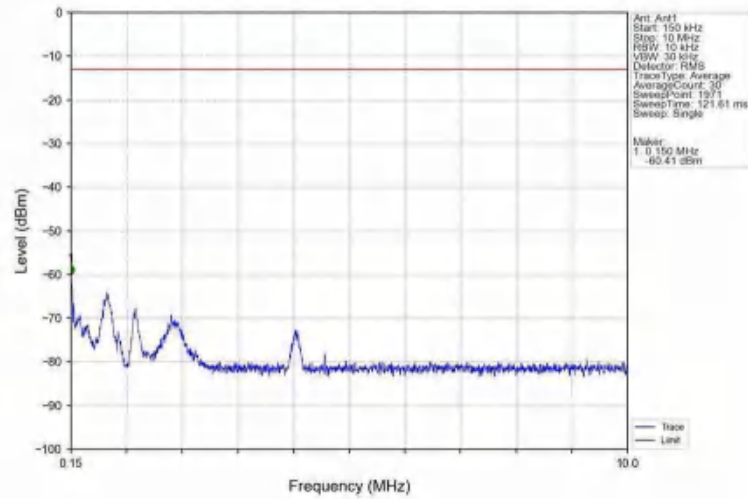
		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

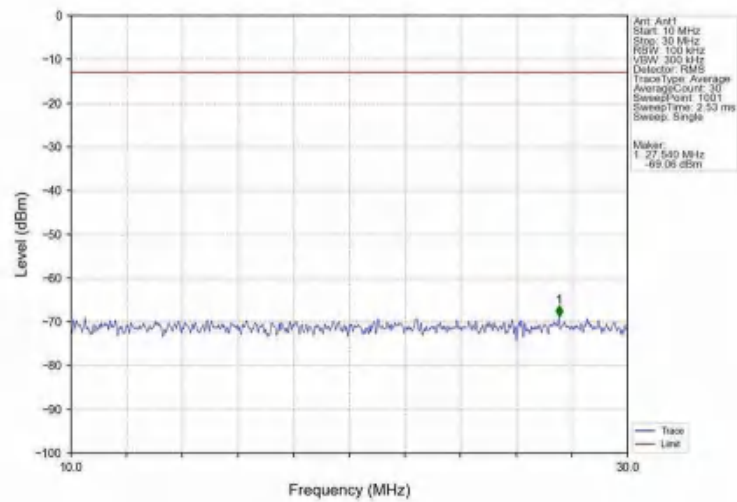
6.2.1 B4_1.4MHz



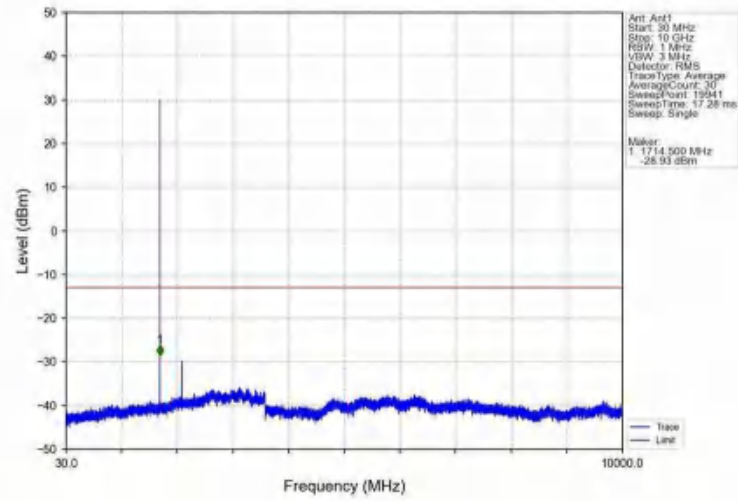
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



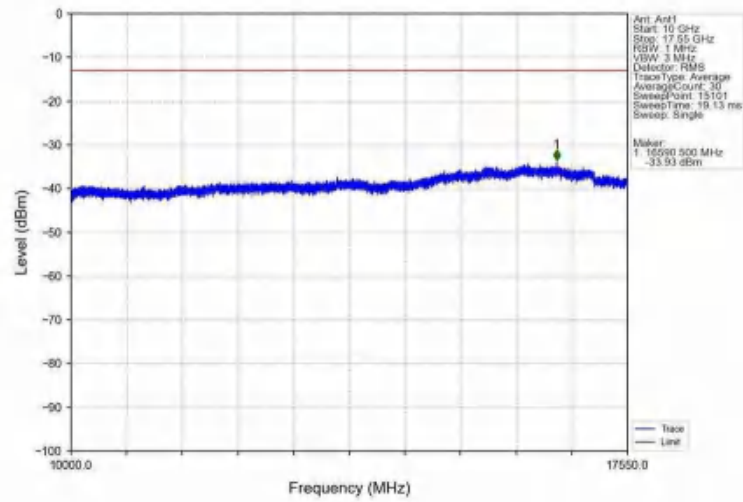
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



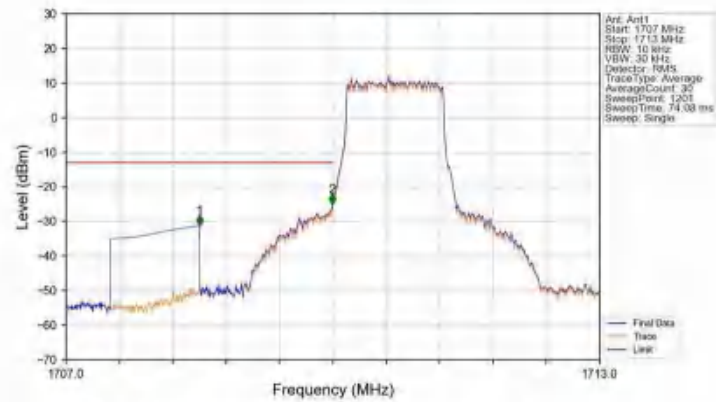
Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

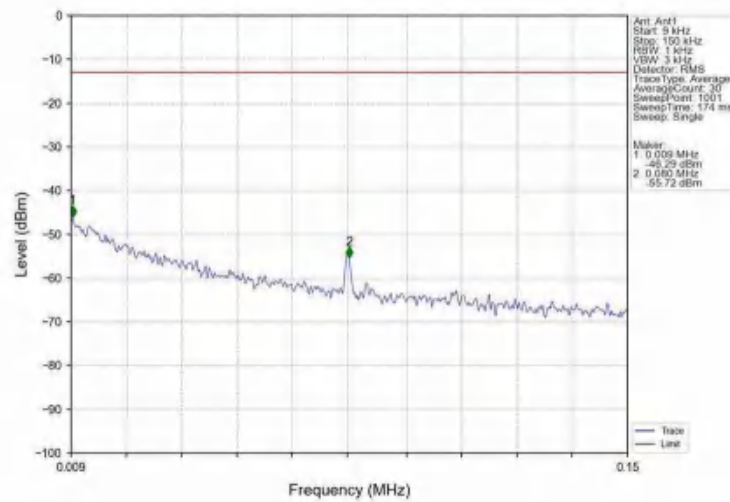


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6.0 NTNV

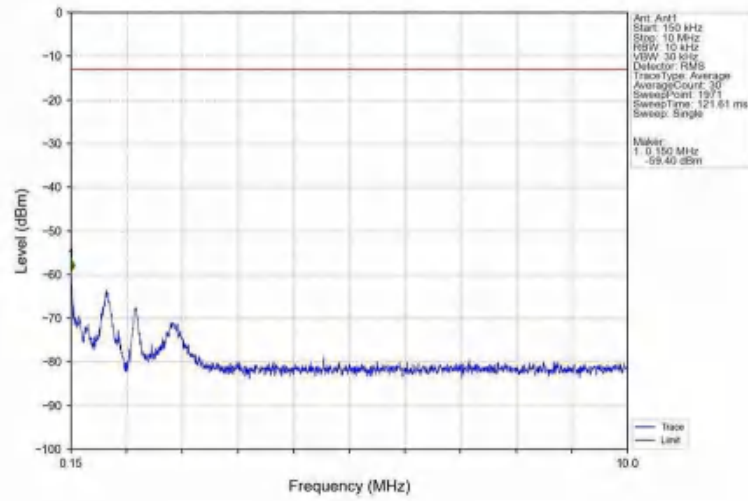


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.29	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-25.13	-13	Pass
1710	1713	0.013	CHP					

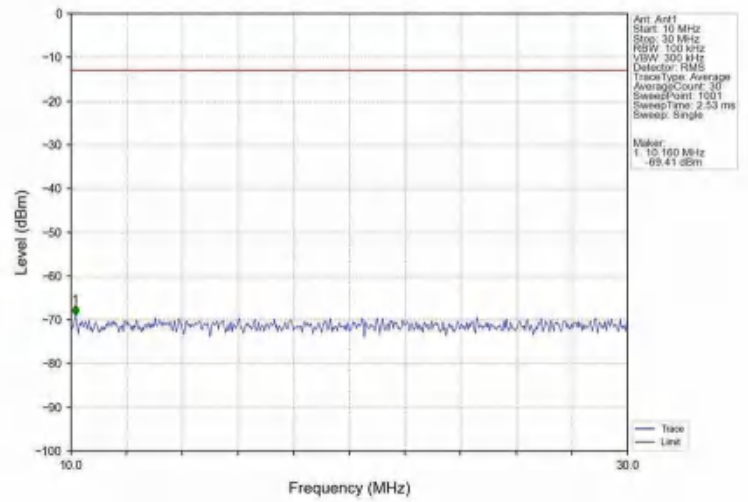
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1.0 NTNV



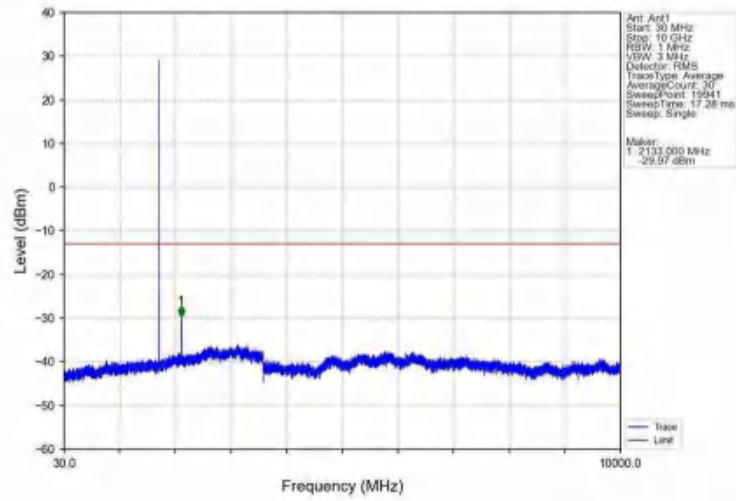
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



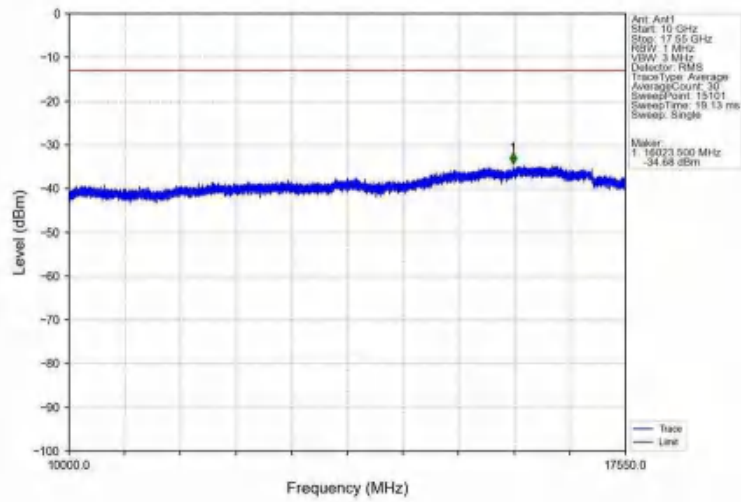
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



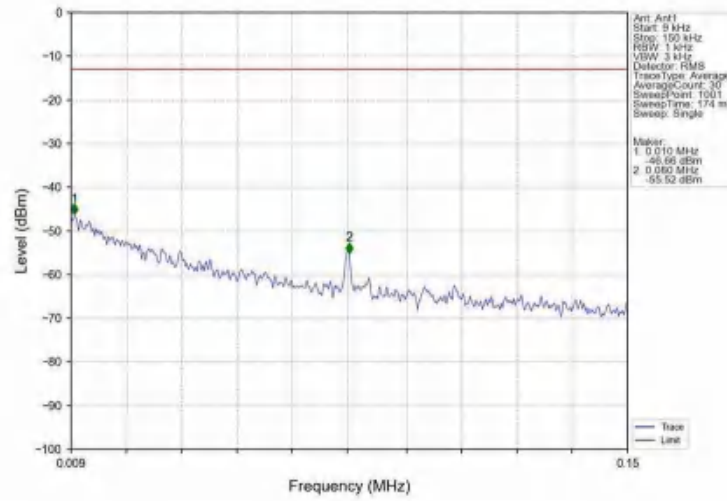
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



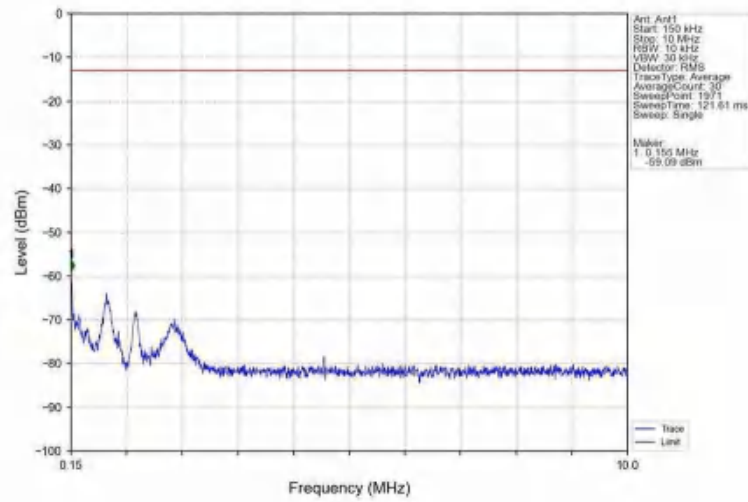
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



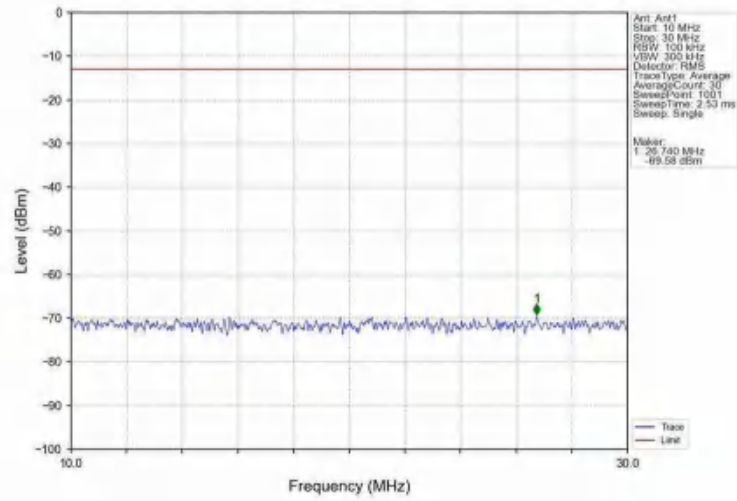
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



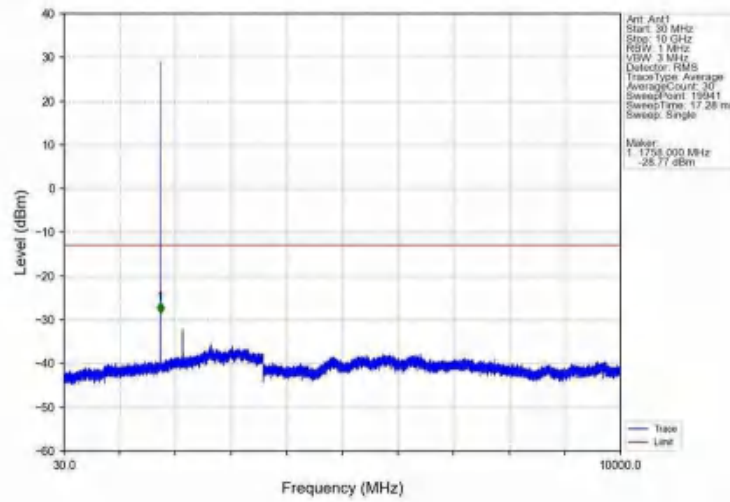
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



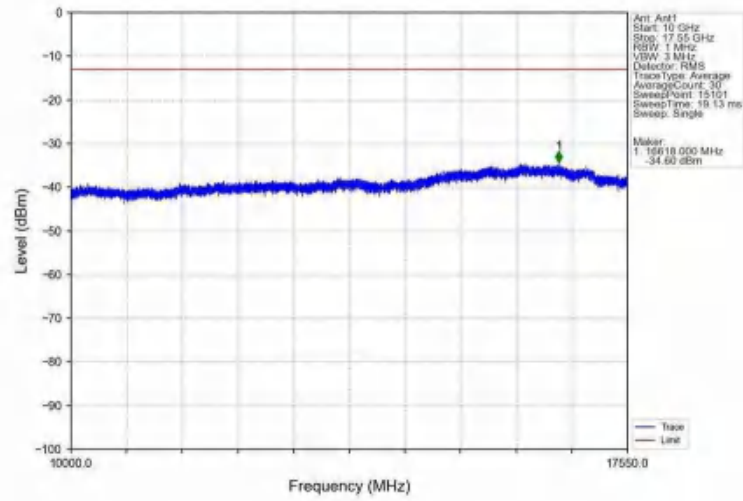
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



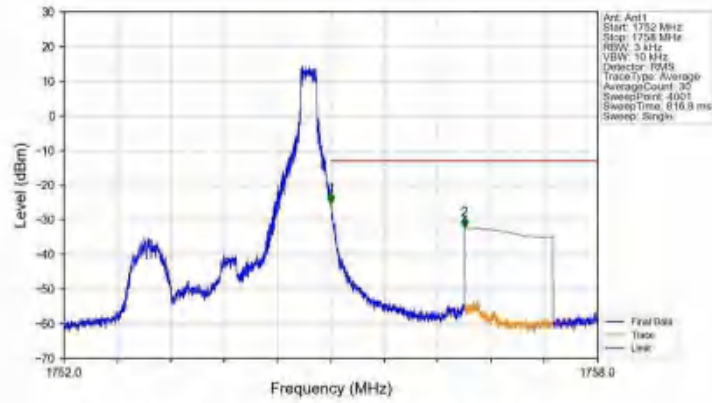
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



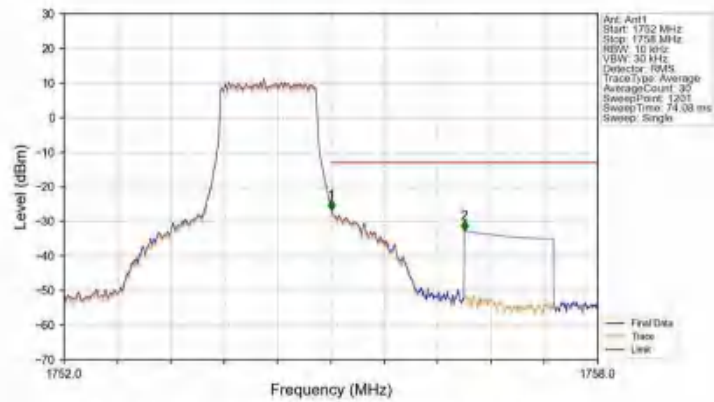
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV

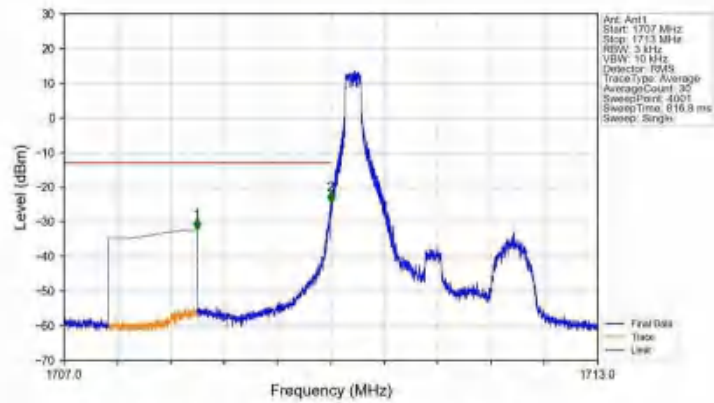


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



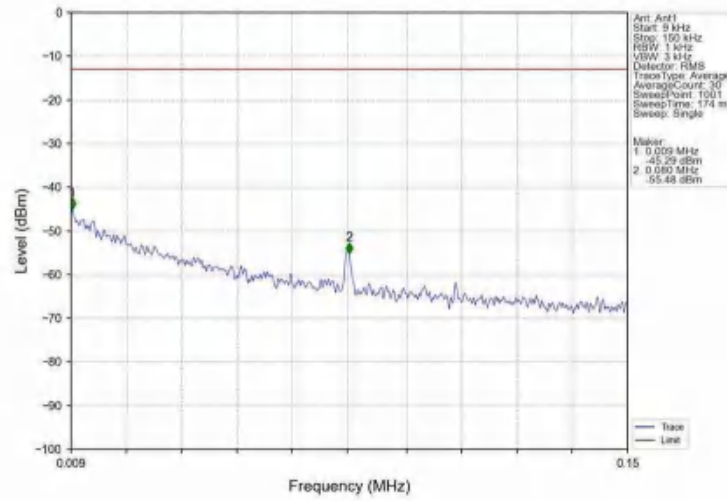
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	1	1755.006	-26.74	-13	Pass
1755	1756	0.013	CHP	2	1756.500	-32.72	-13	Pass

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

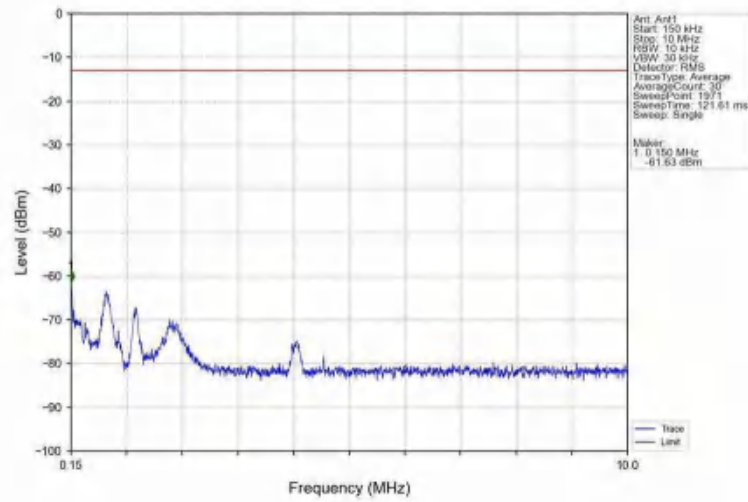


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-32.30	-13	Pass
1709	1710	0.003	CHP	2	1709.997	-24.41	-13	Pass
1710	1713	0.003	CHP	1	1710.7	-	-13	Pass

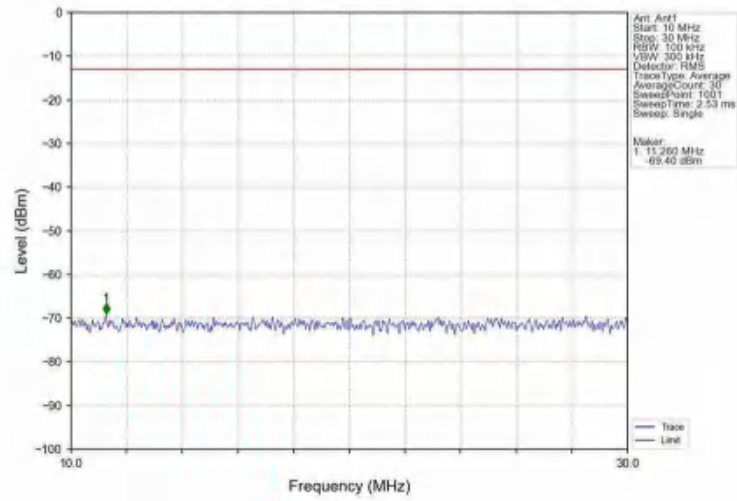
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



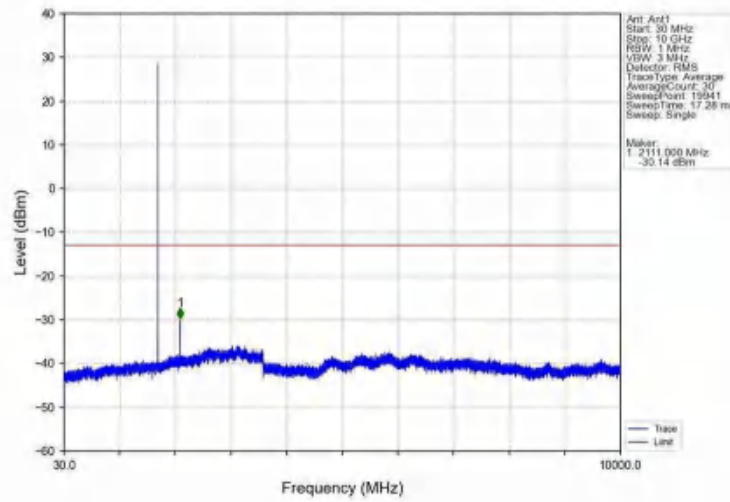
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



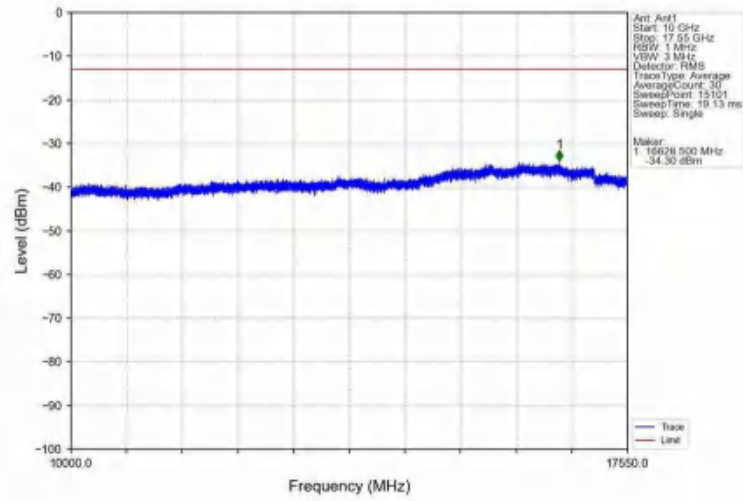
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



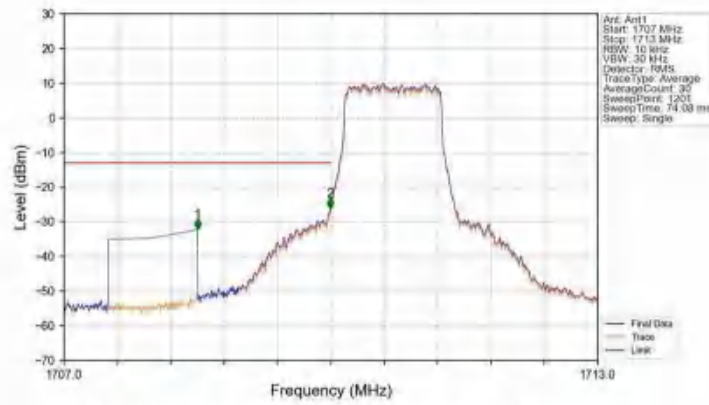
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

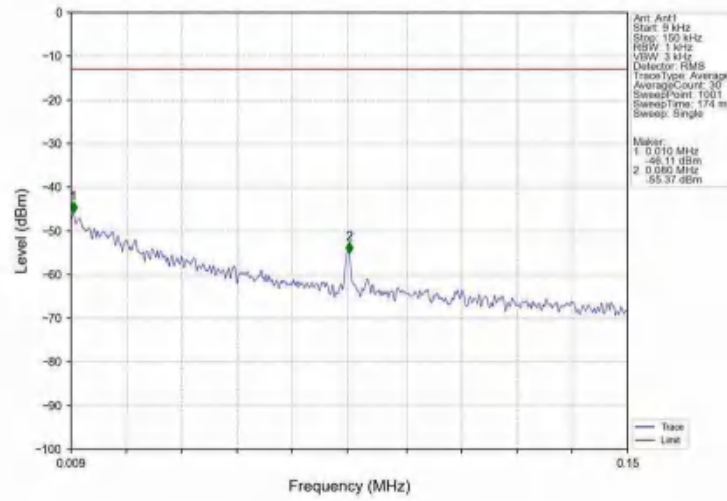


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

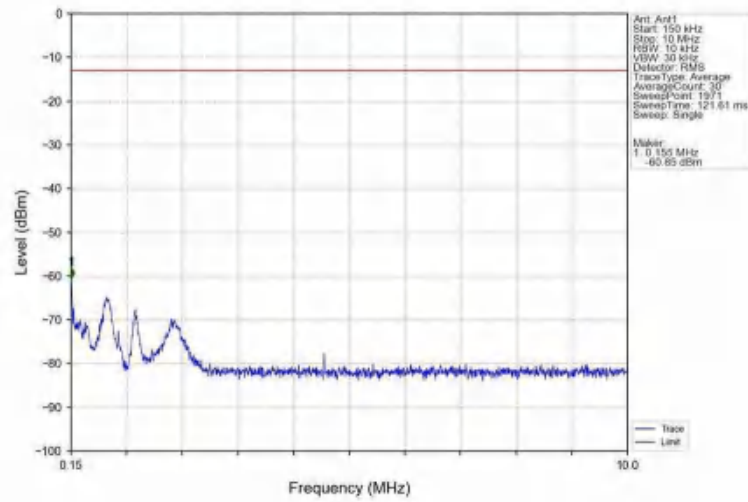


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-32.18	-13	Pass
1709	1710	0.013	CHP	2	1709.955	-25.24	-13	Pass
1710	1713	0.013	CHP					

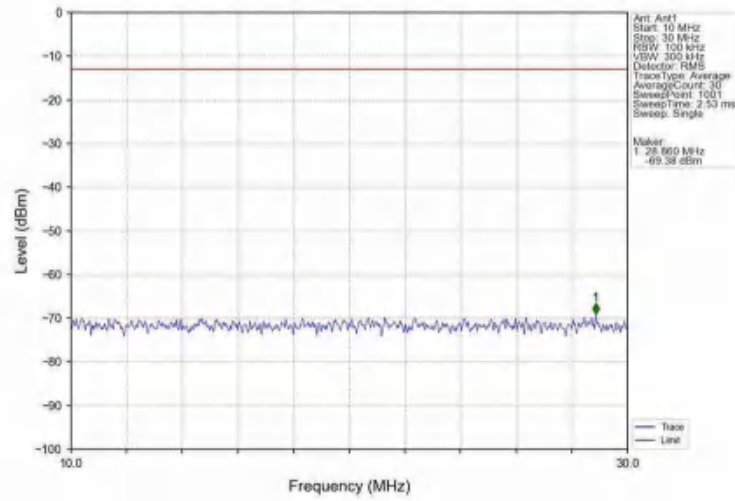
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



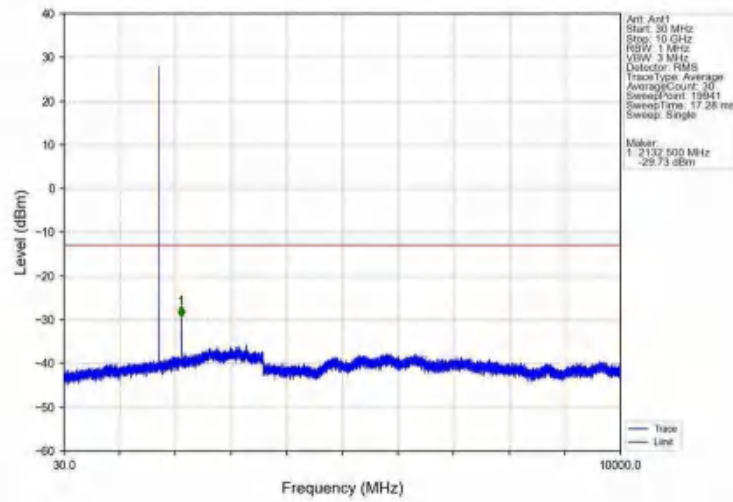
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



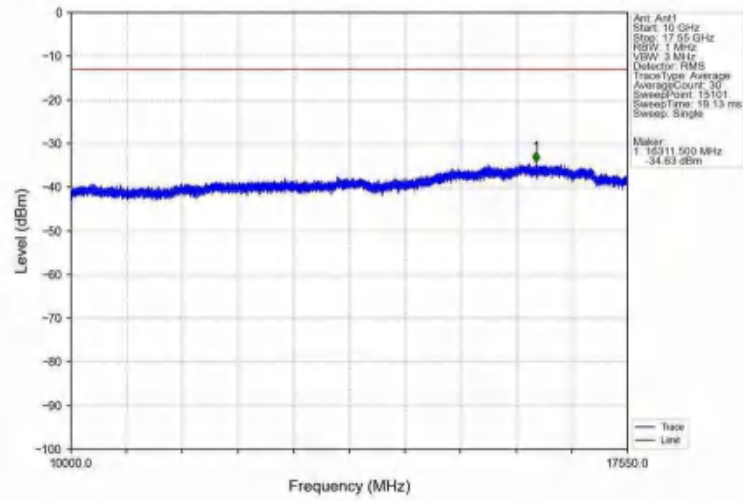
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



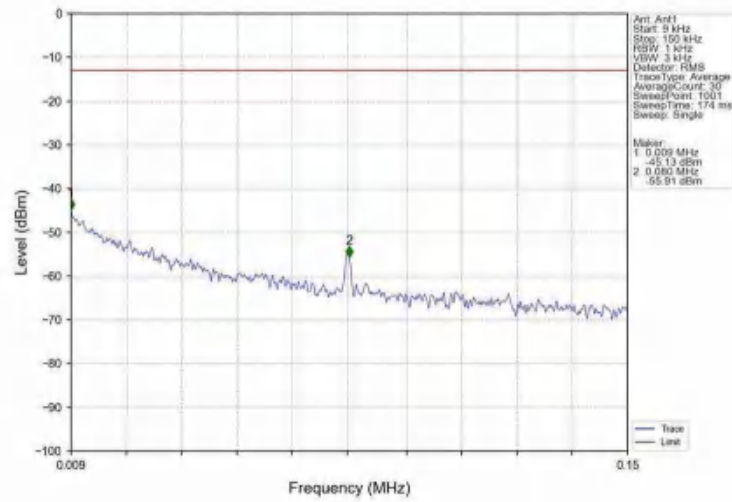
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



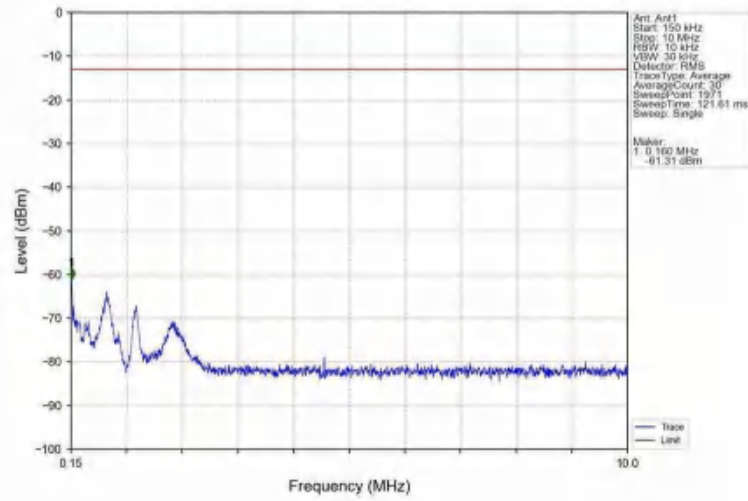
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



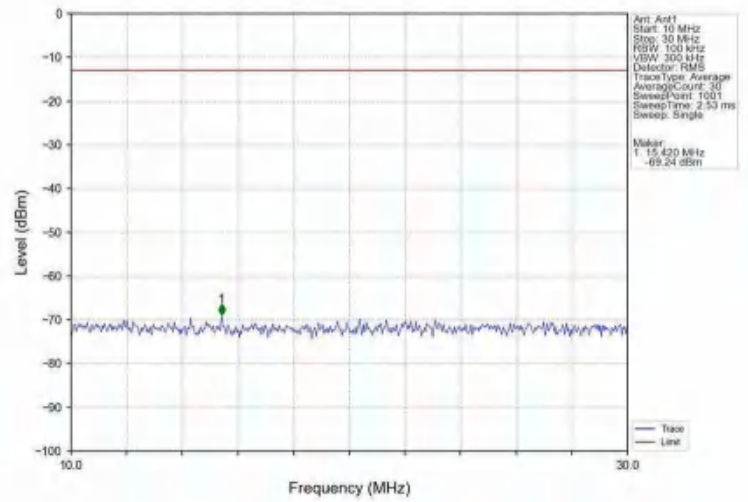
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



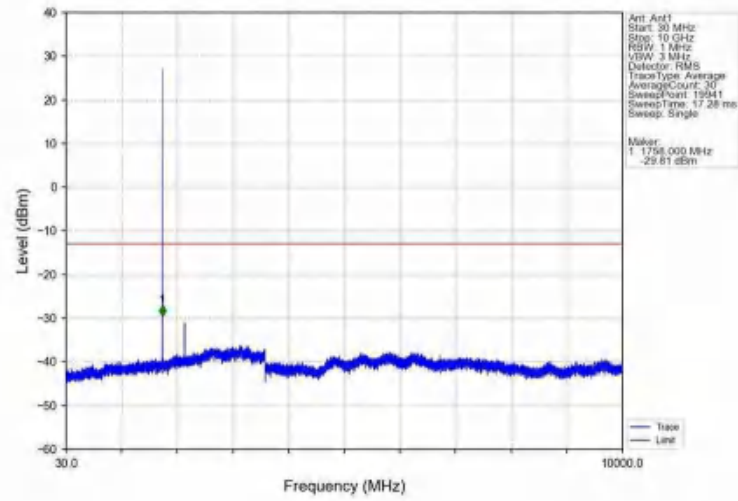
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



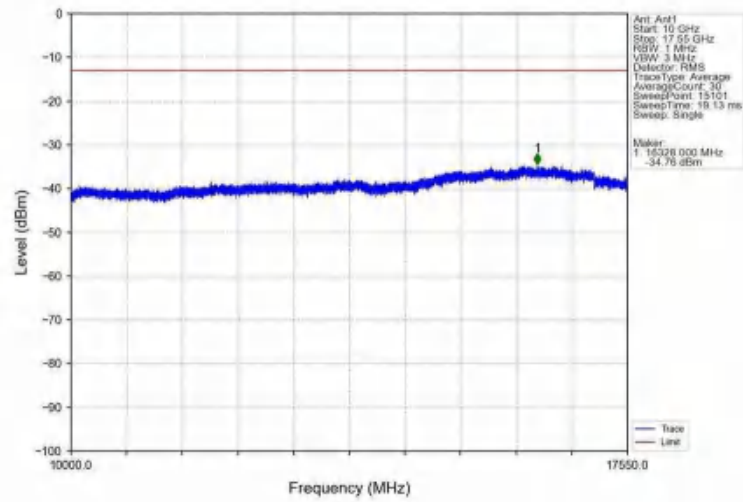
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



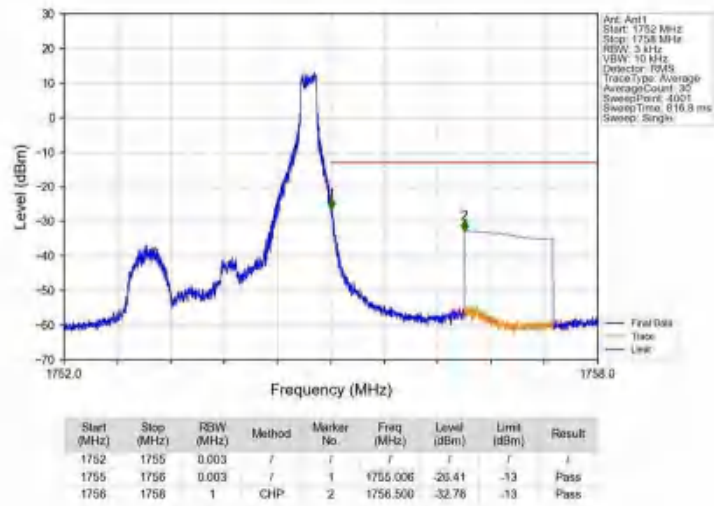
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



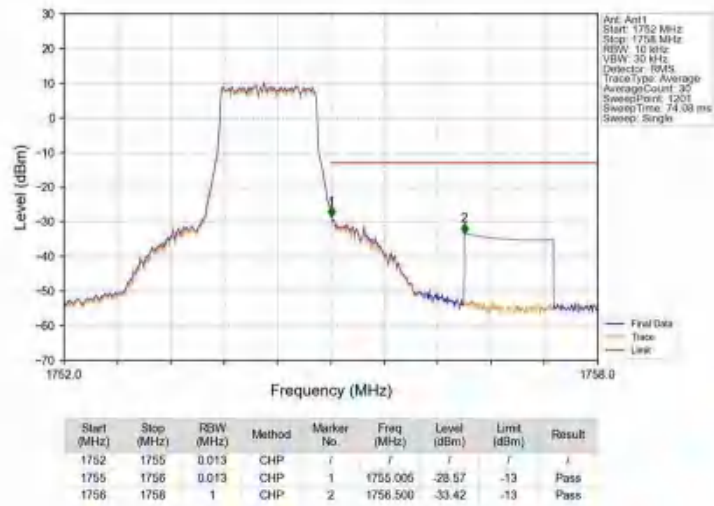
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



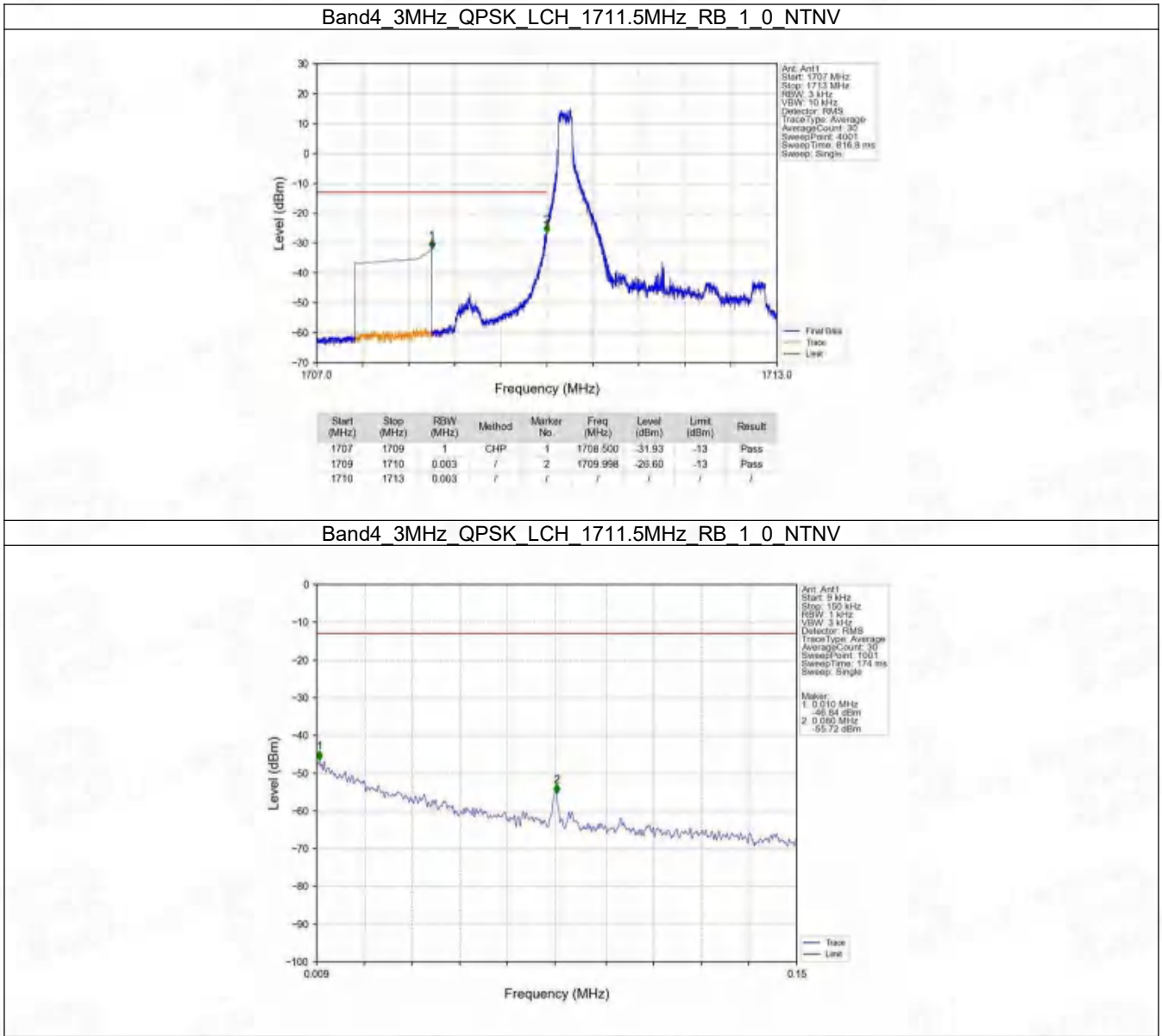
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



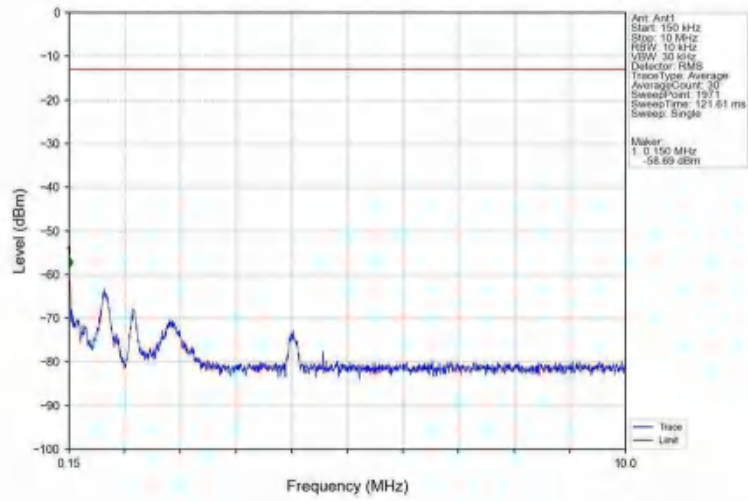
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



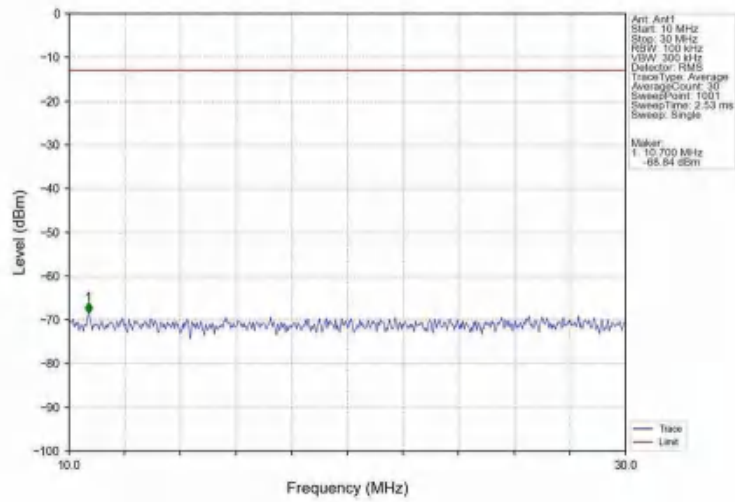
6.2.2 B4_3MHz



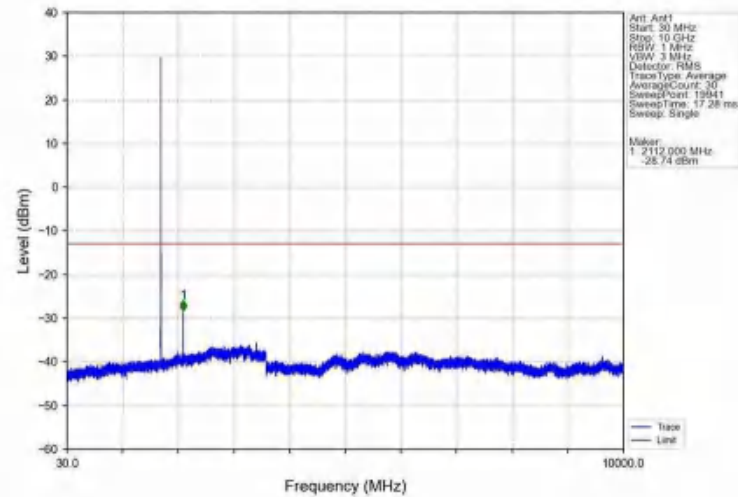
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



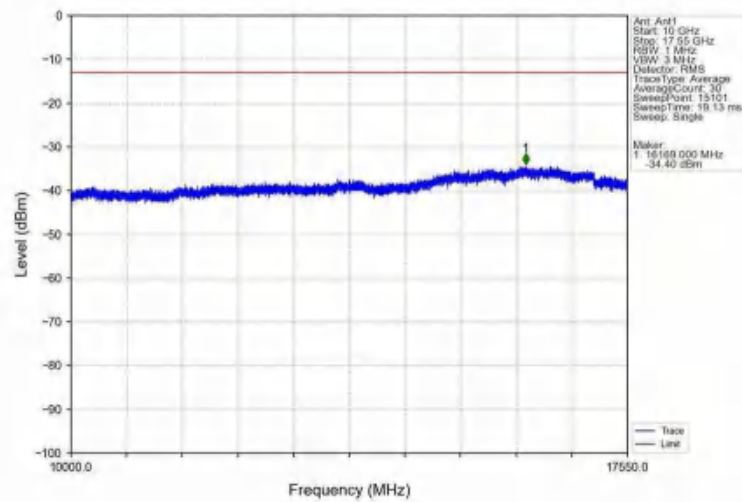
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



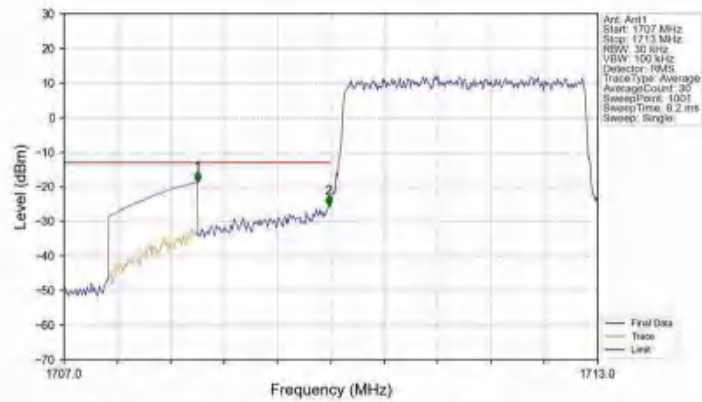
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

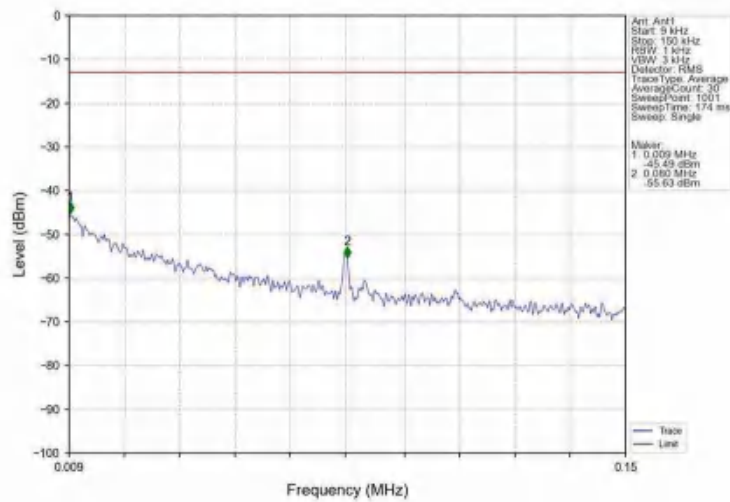


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

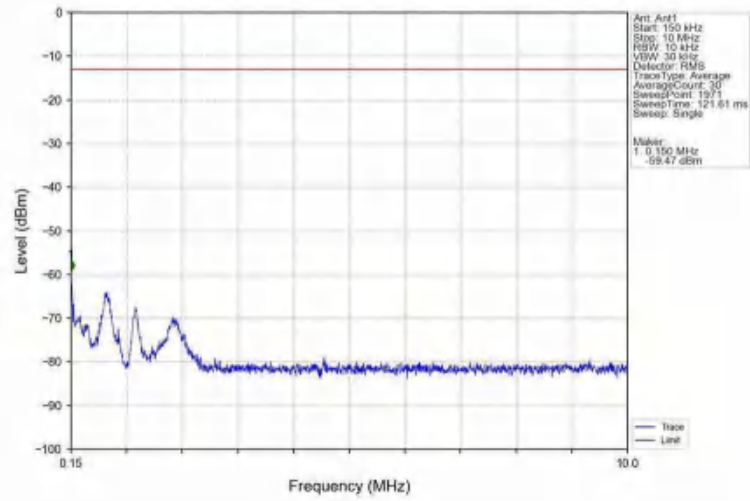


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-18.64	-13	Pass
1709	1710	0.03	f	2	1709.976	-25.45	-13	Pass
1710	1713	0.03	f	f	f	f	f	f

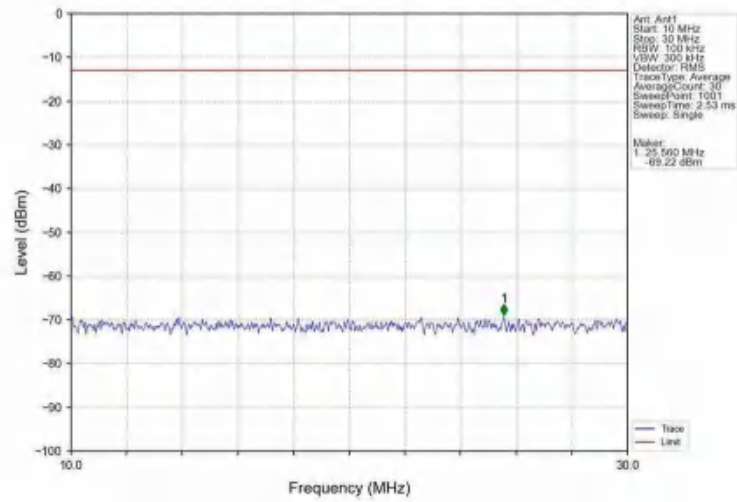
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



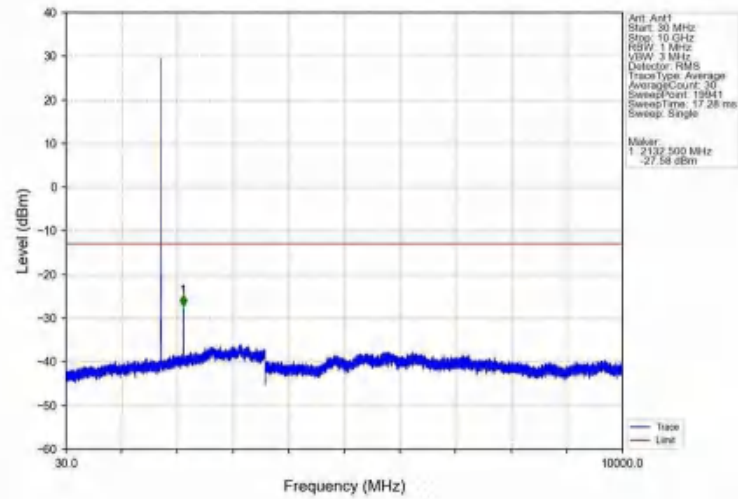
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



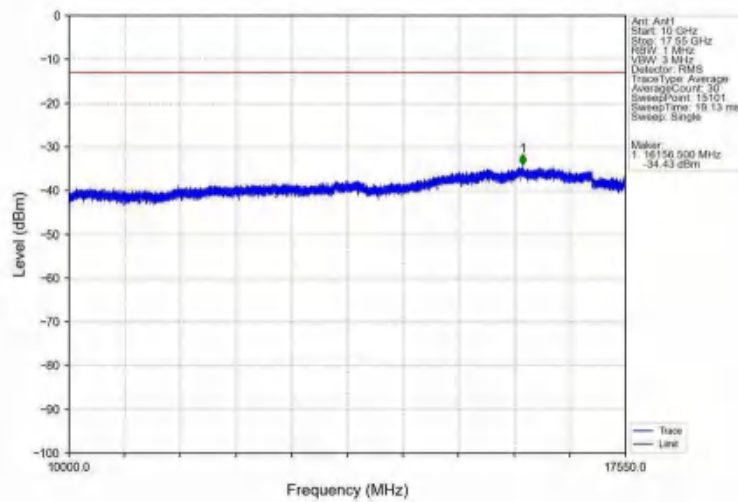
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



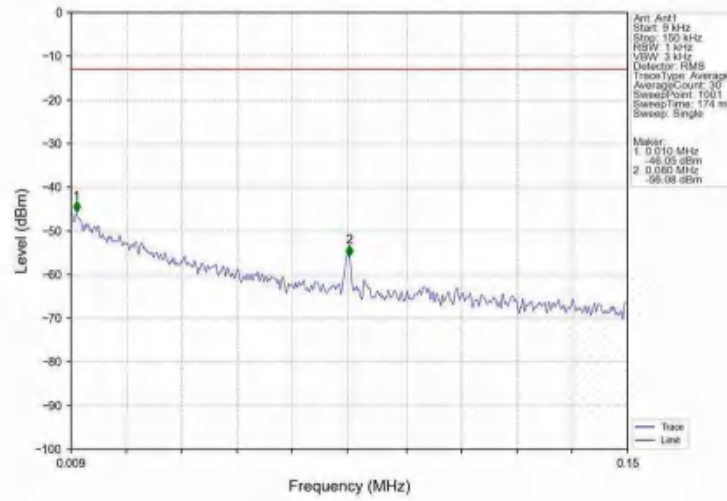
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



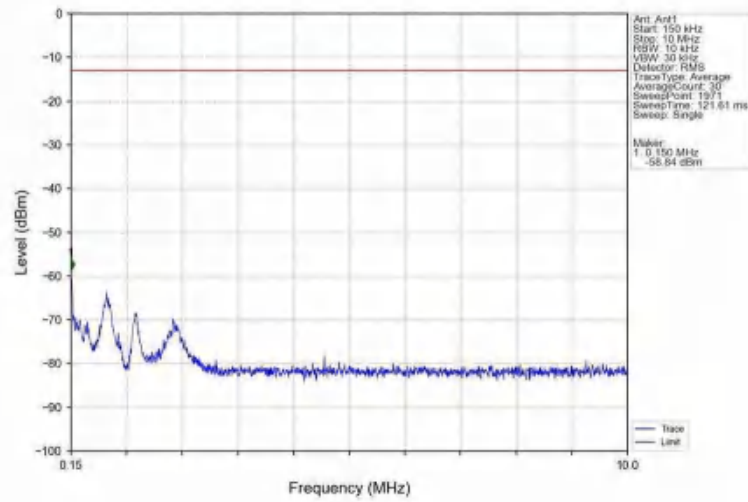
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



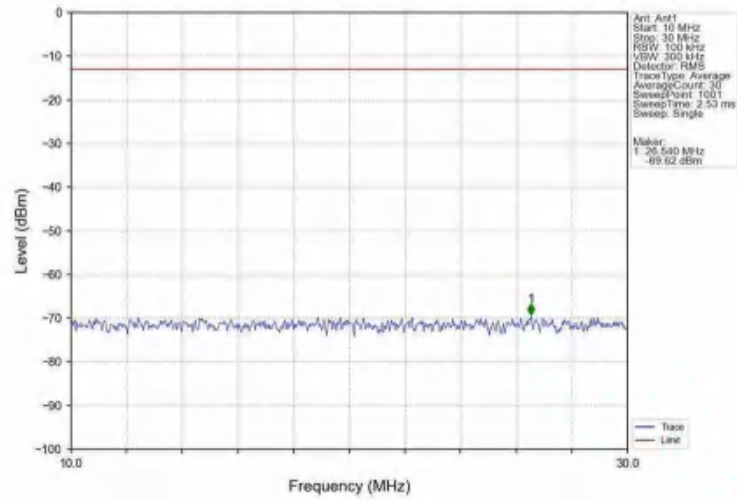
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



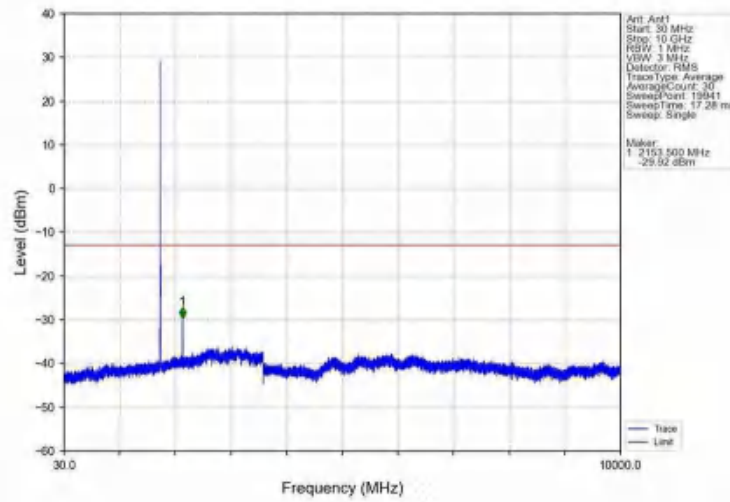
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



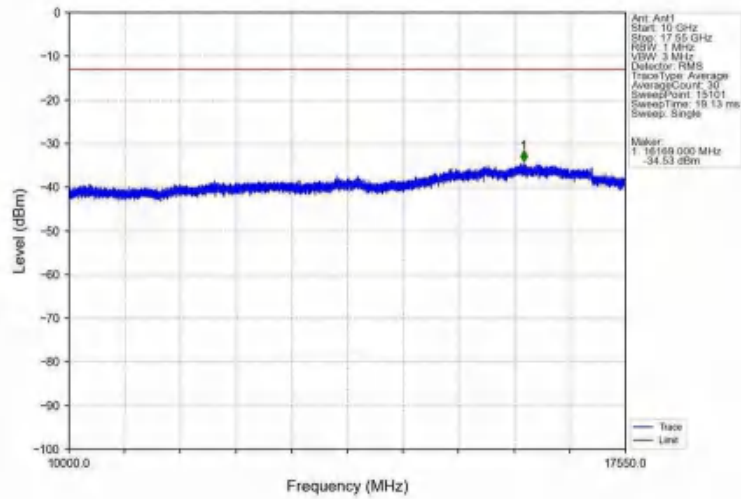
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



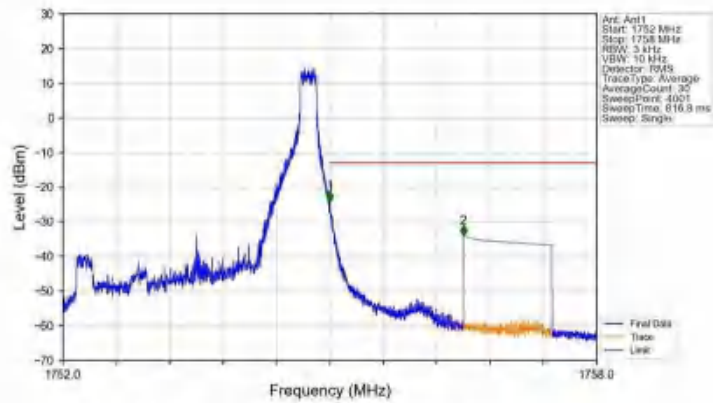
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

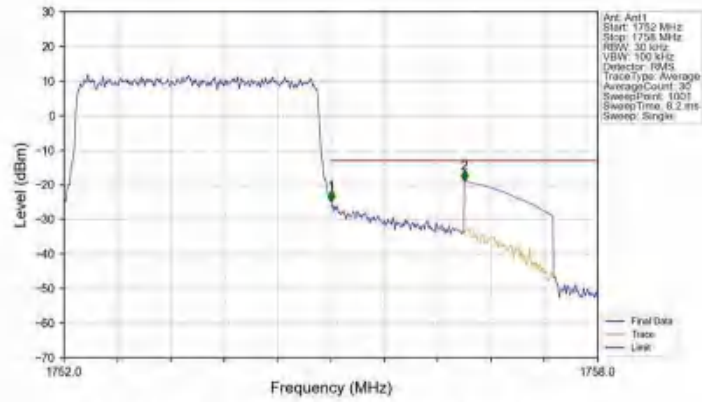


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



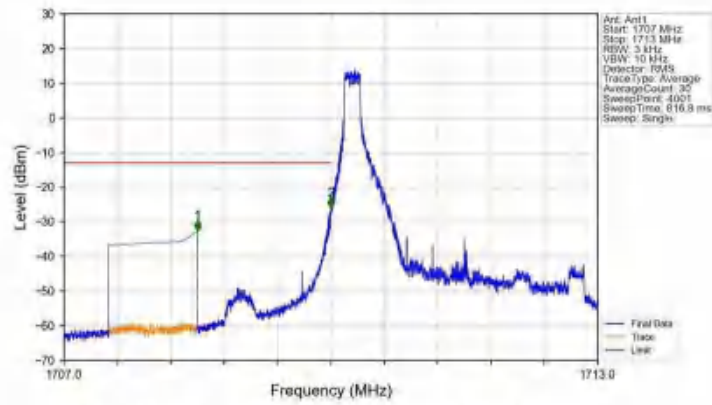
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	f	1	1755.003	-24.16	-13	Pass
1755	1756	0.003	f	1	1755.003	-24.16	-13	Pass
1756	1756	1	CHP	2	1756.500	-34.00	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



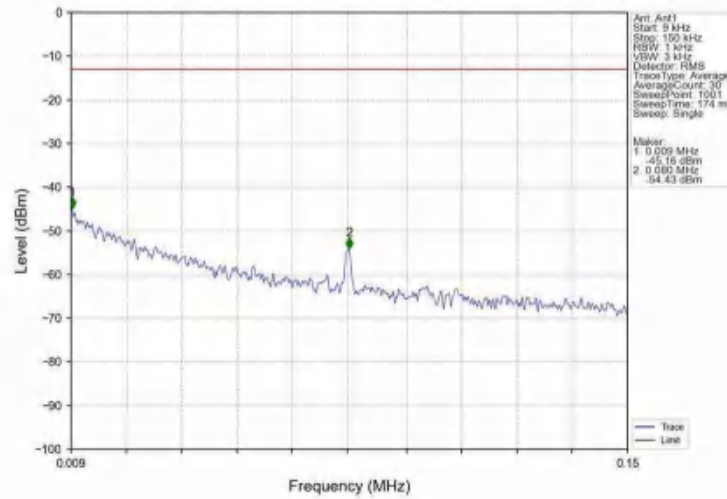
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	f	f	f	f	f	f
1755	1756	0.03	f	1	1755.006	-24.76	-13	Pass
1756	1758	1	CHP	2	1756.500	-18.94	-13	Pass

Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

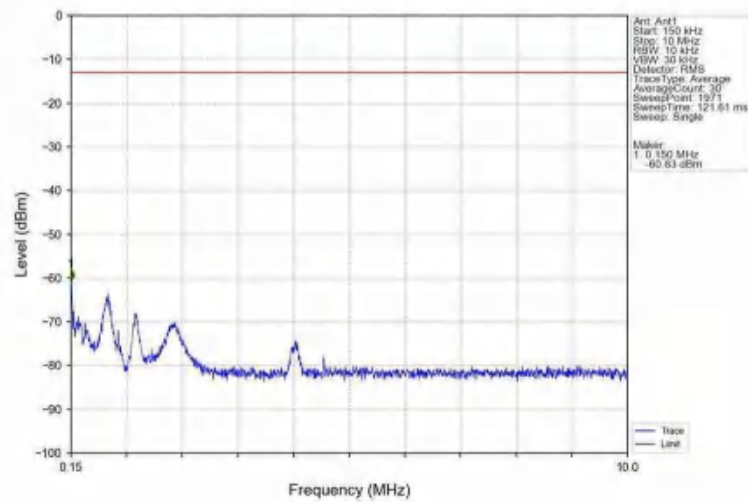


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-32.65	-13	Pass
1709	1710	0.003	f	2	1709.958	-25.01	-13	Pass
1710	1713	0.003	f	f	f	f	f	f

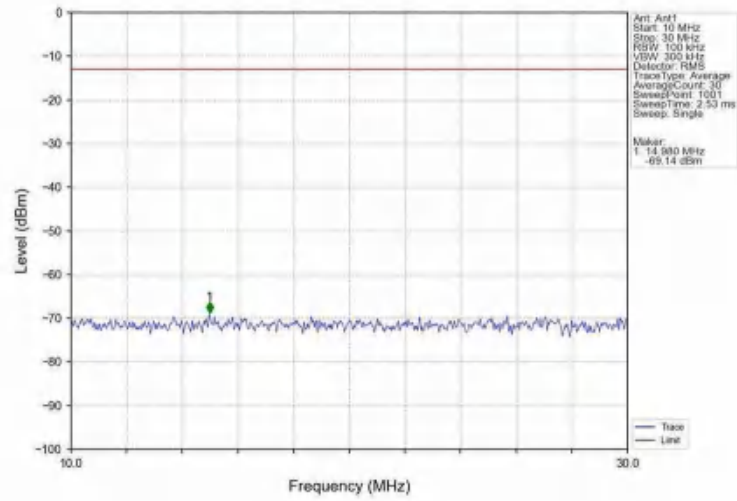
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



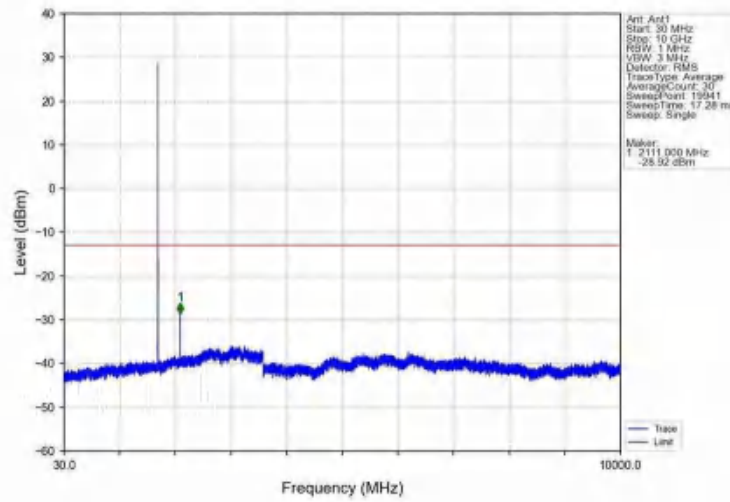
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



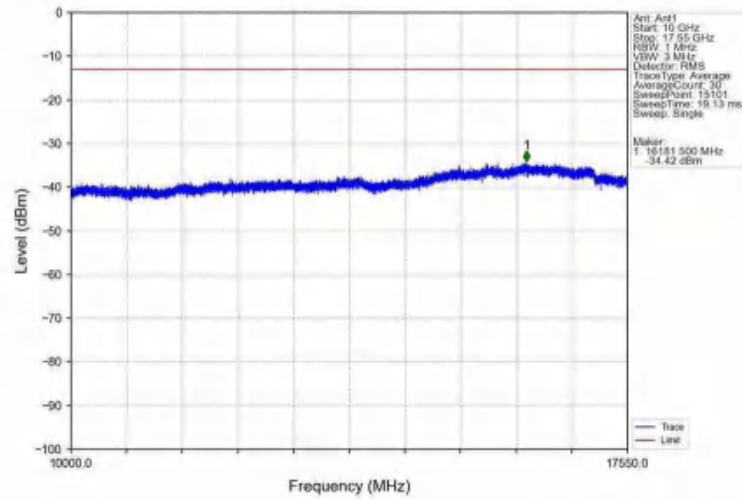
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



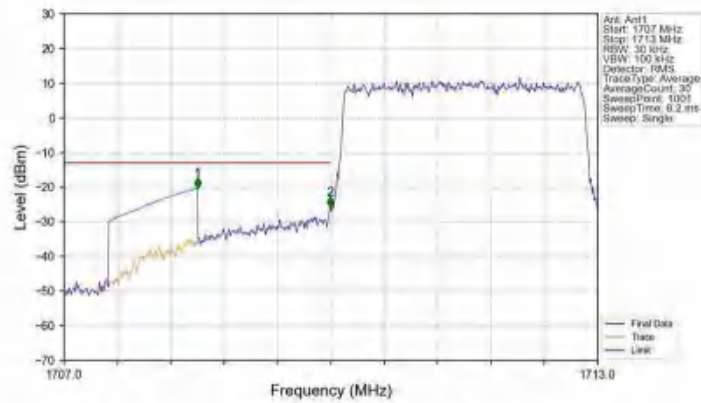
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

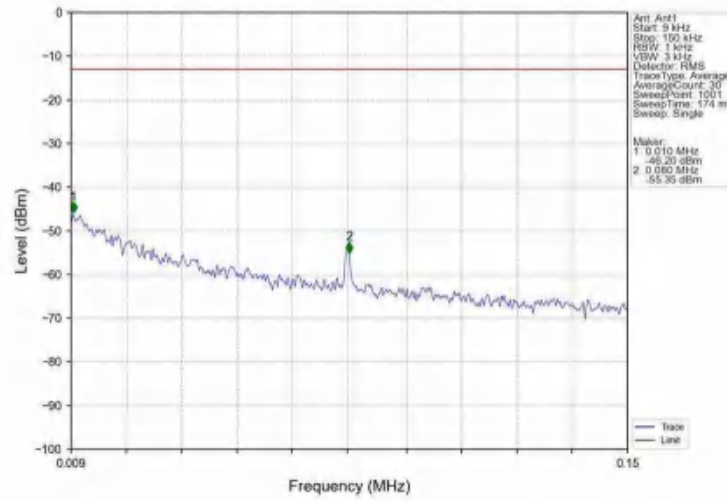


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

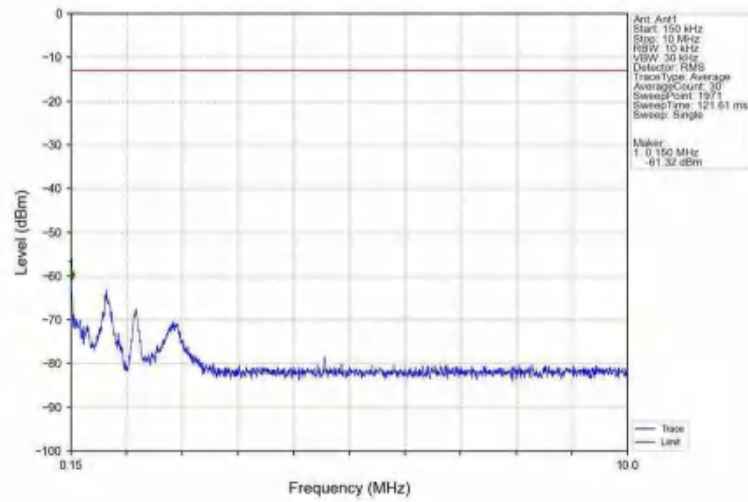


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-20.36	-13	Pass
1709	1710	0.03	f	2	1709.994	-25.85	-13	Pass
1710	1713	0.03	f	f	f	f	f	f

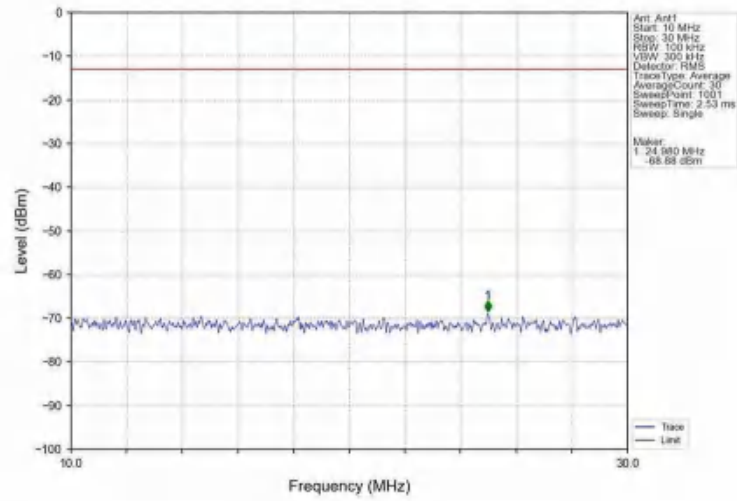
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



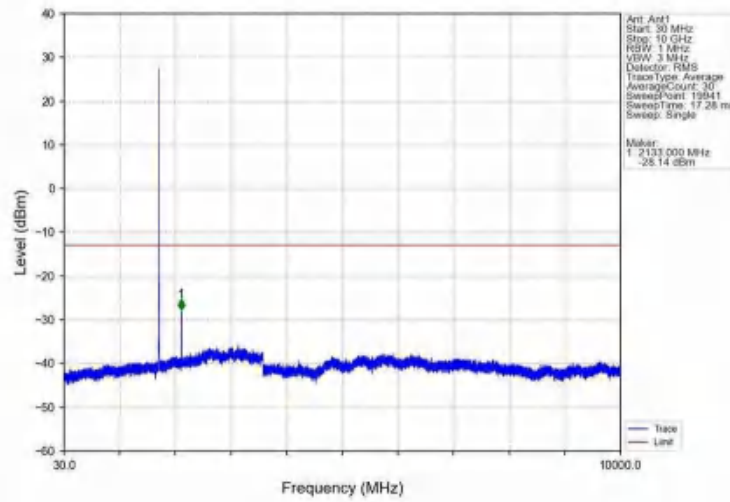
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



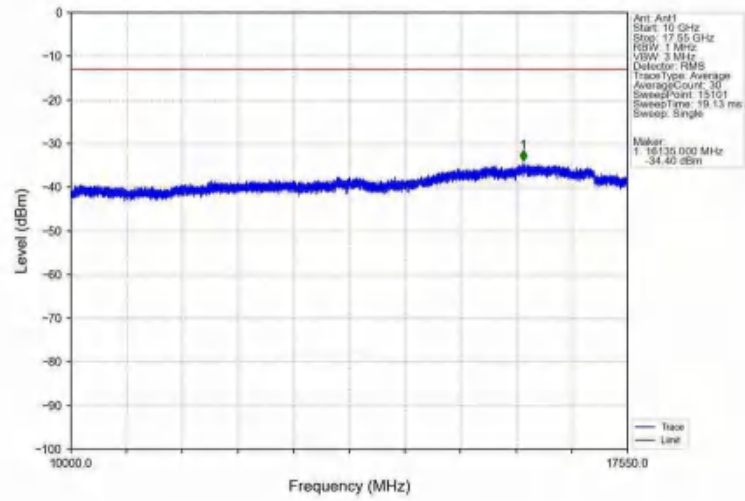
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



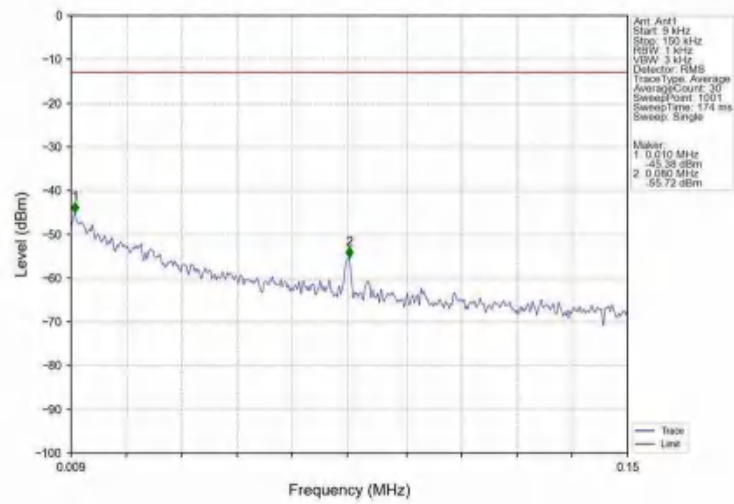
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



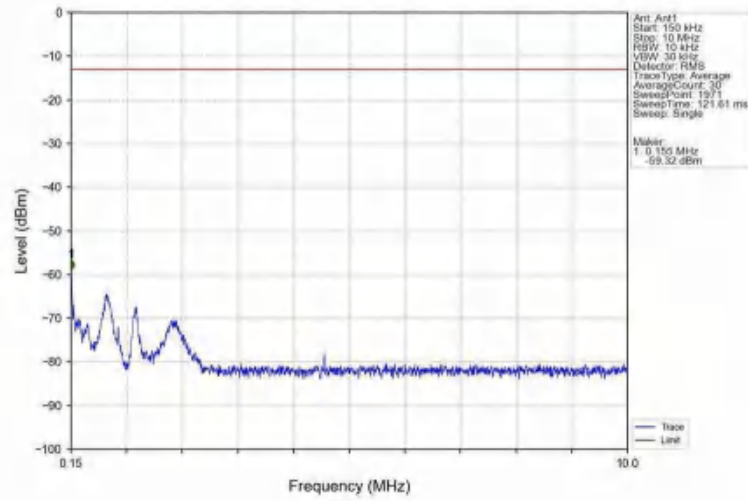
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



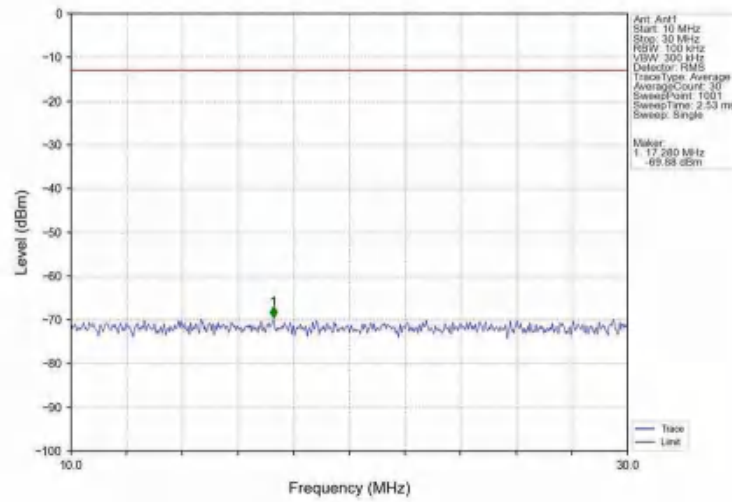
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



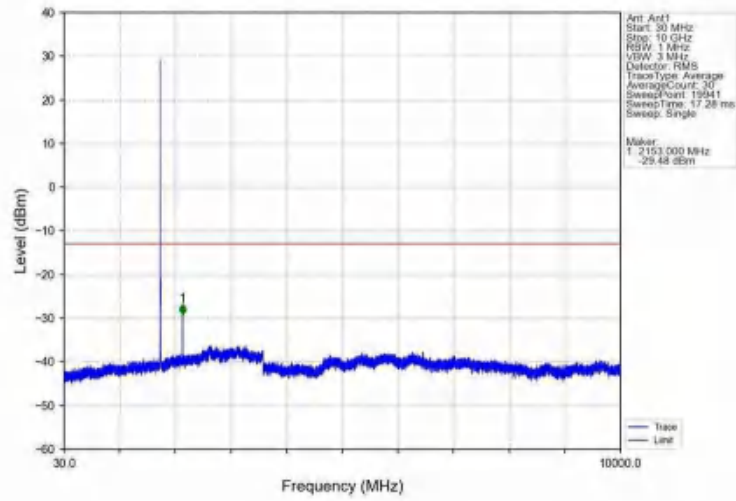
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



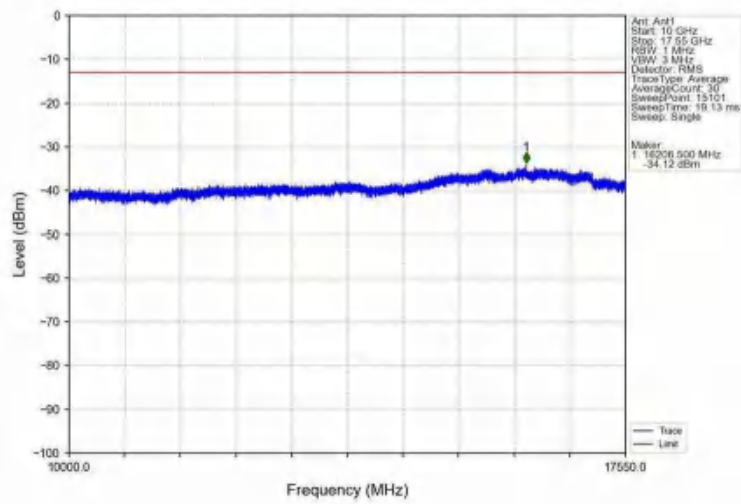
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



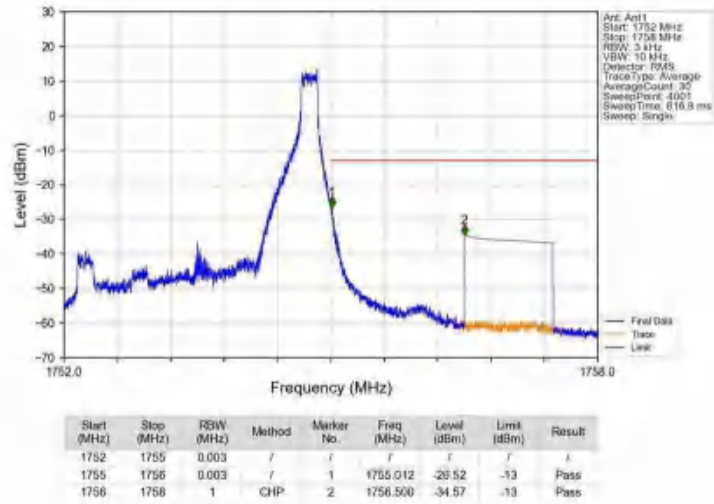
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



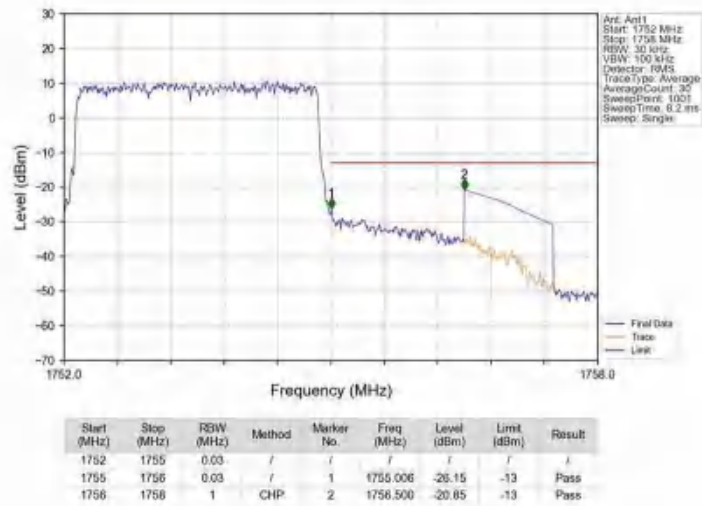
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



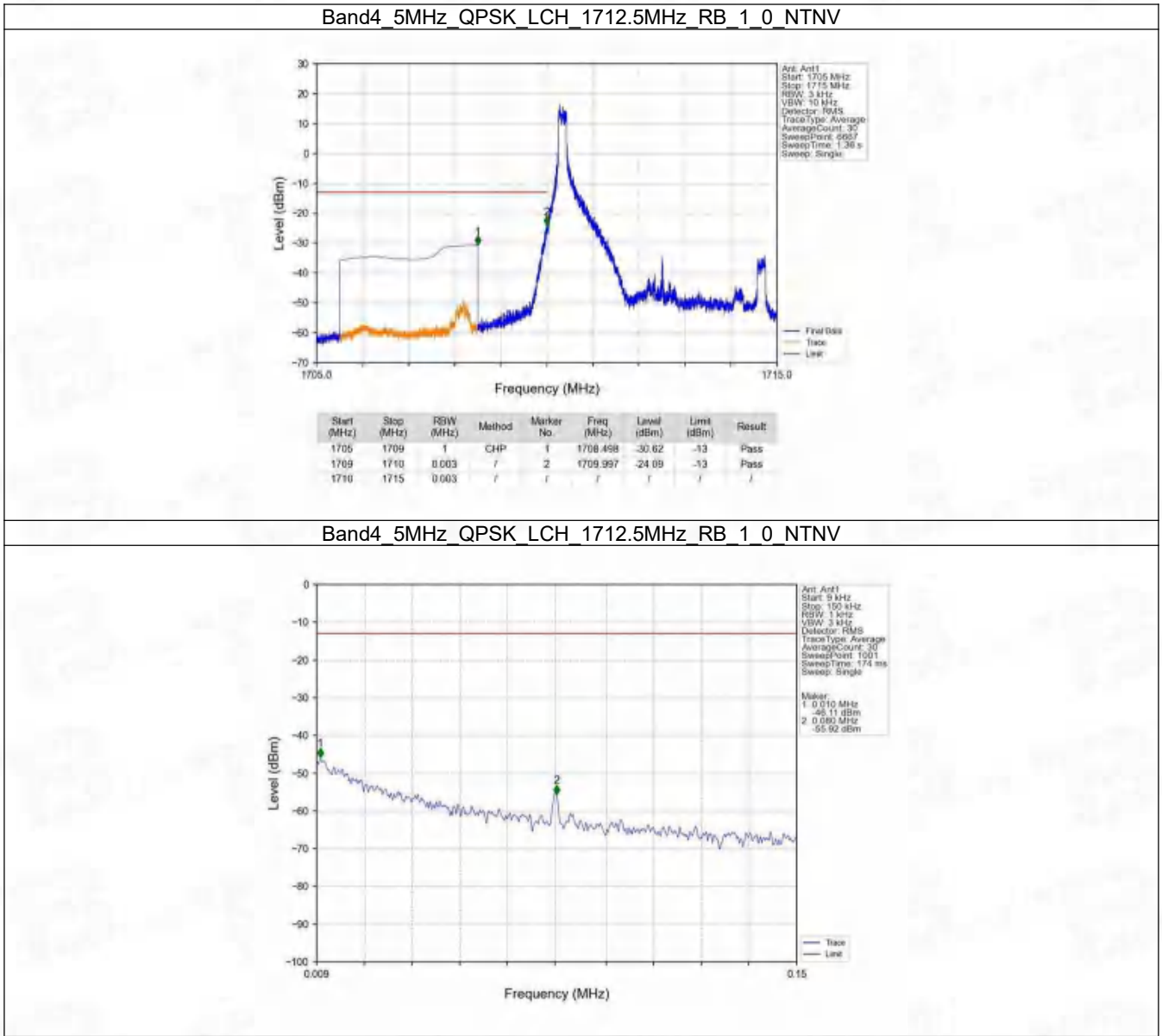
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



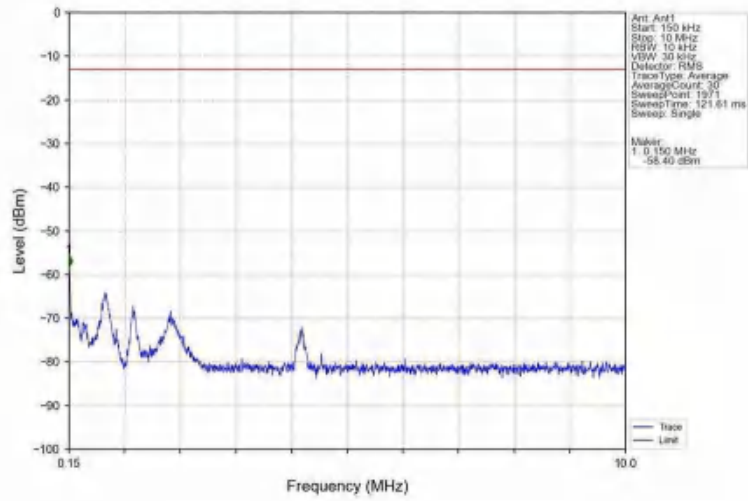
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



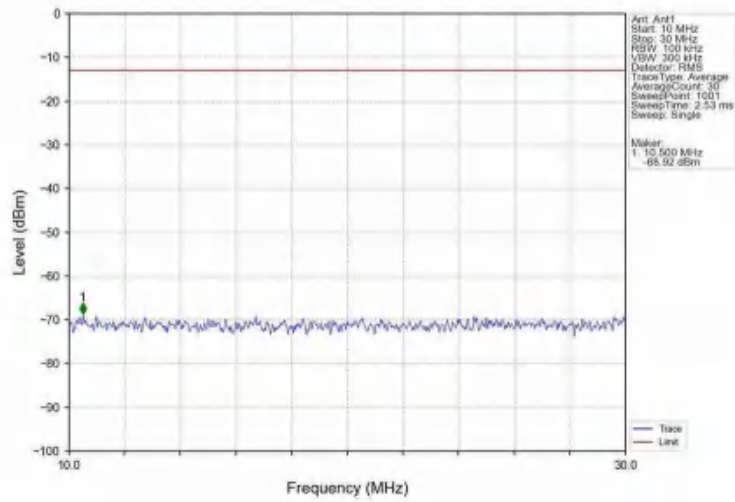
6.2.3 B4_5MHz



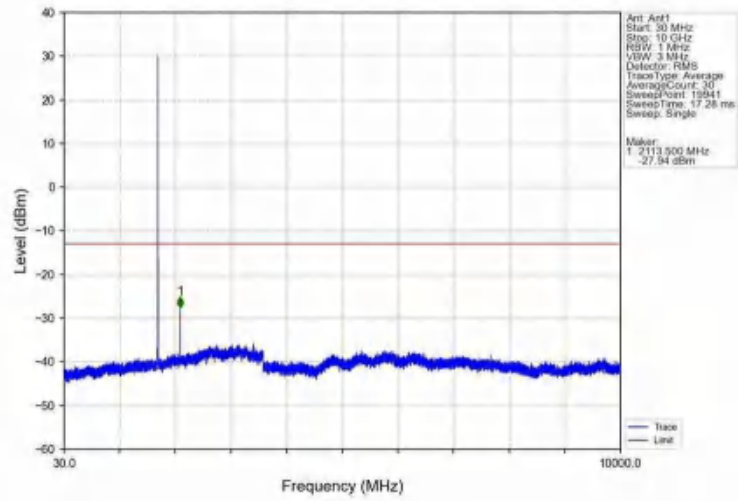
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



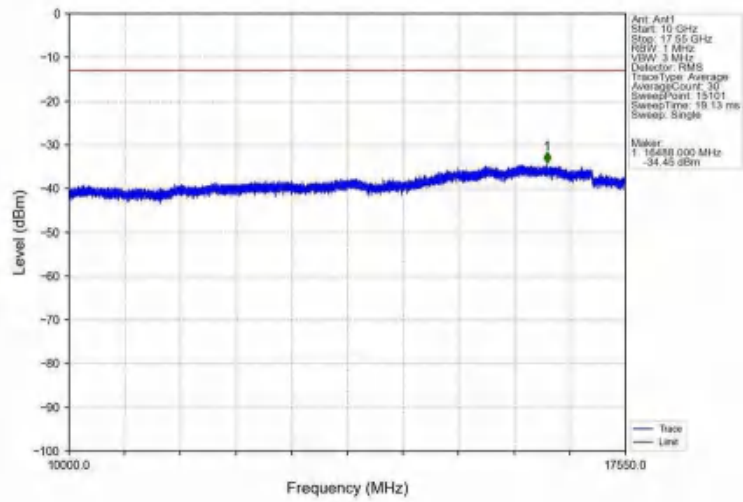
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



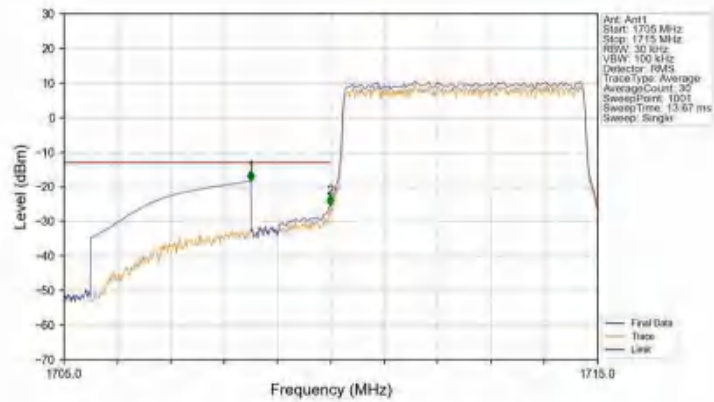
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

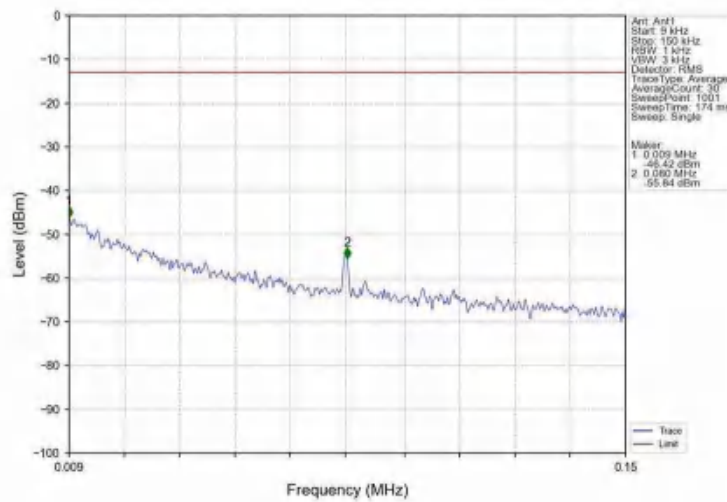


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

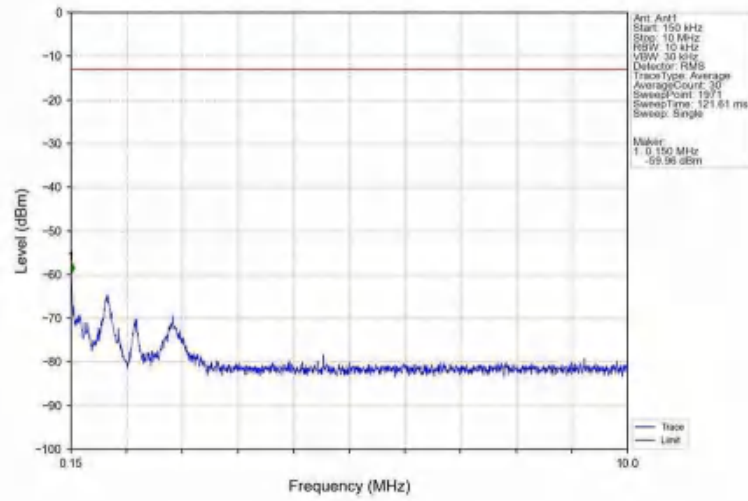


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-18.39	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-25.56	-13	Pass
1710	1715	0.05	CHP	1	1	1	1	1

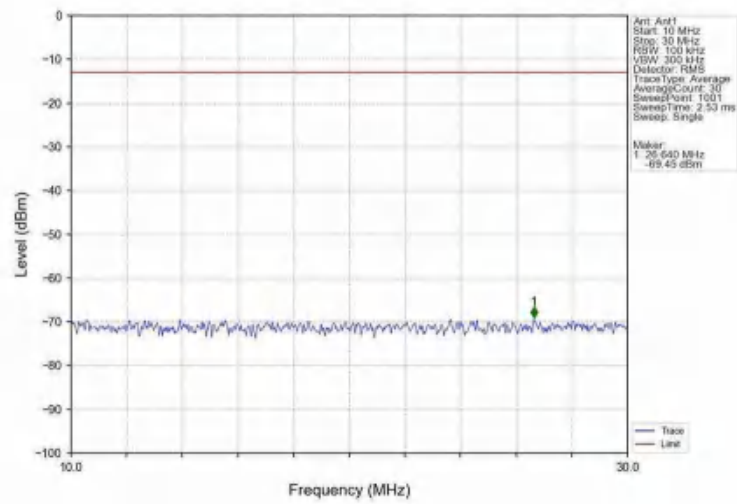
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



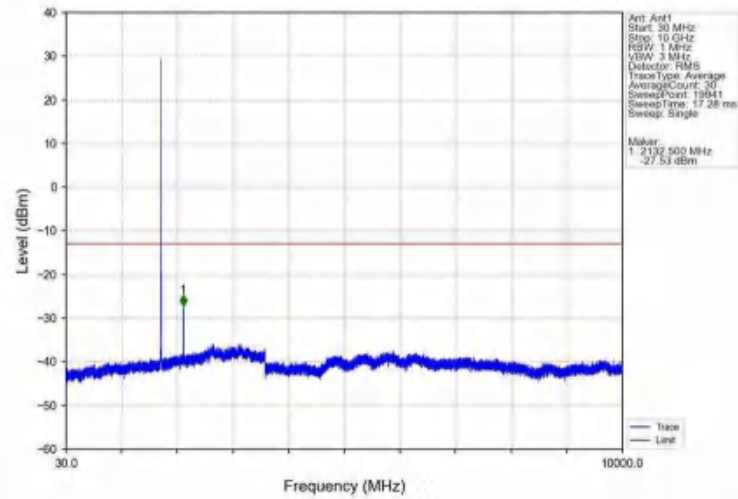
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



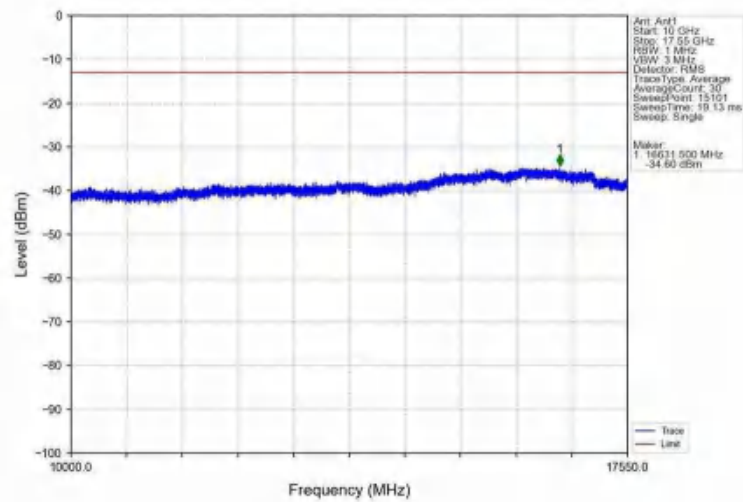
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



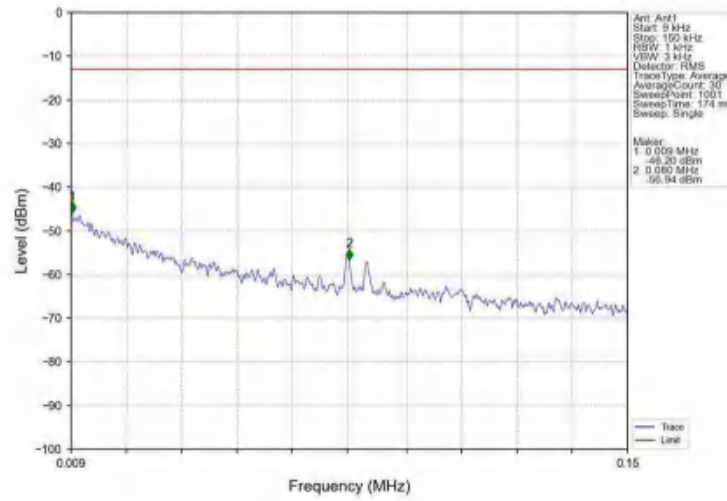
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



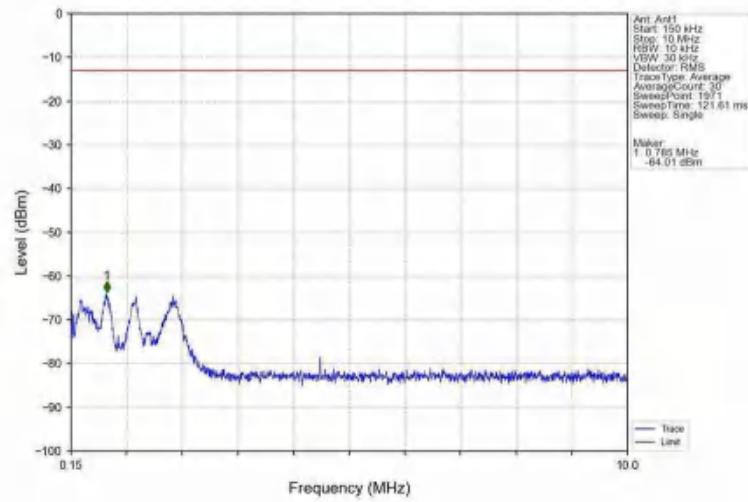
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



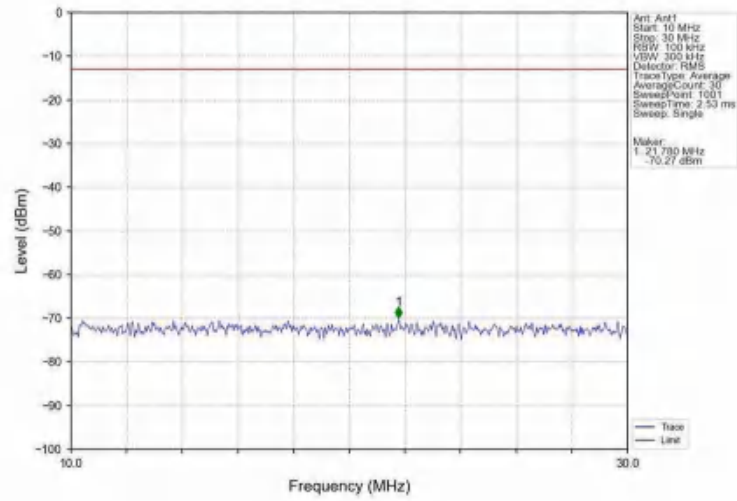
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



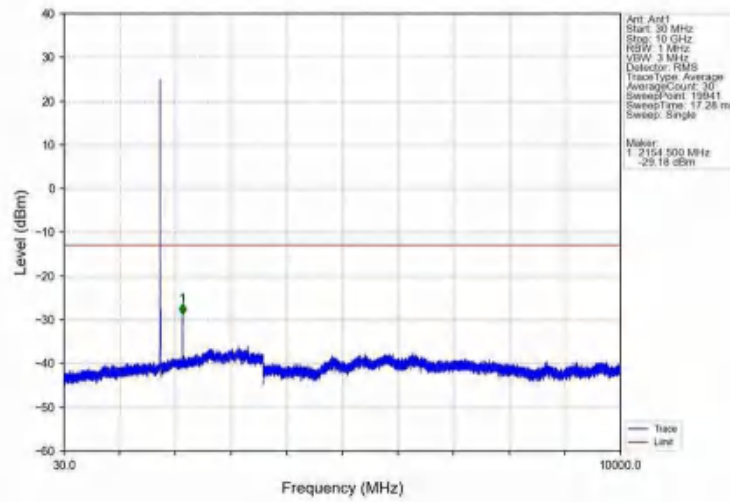
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



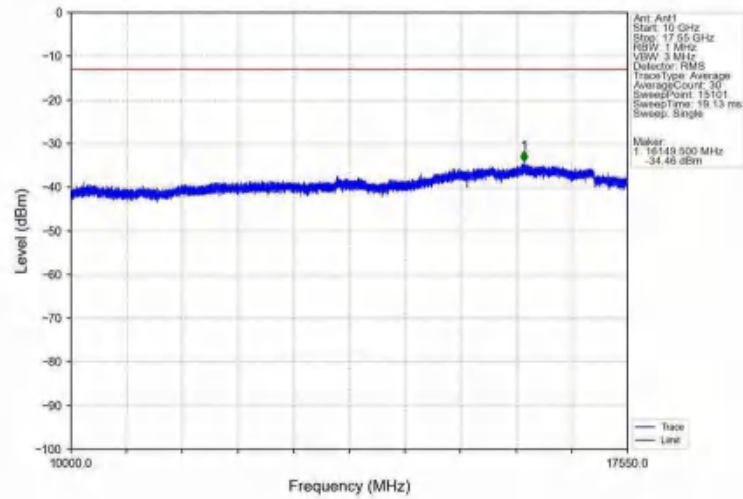
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



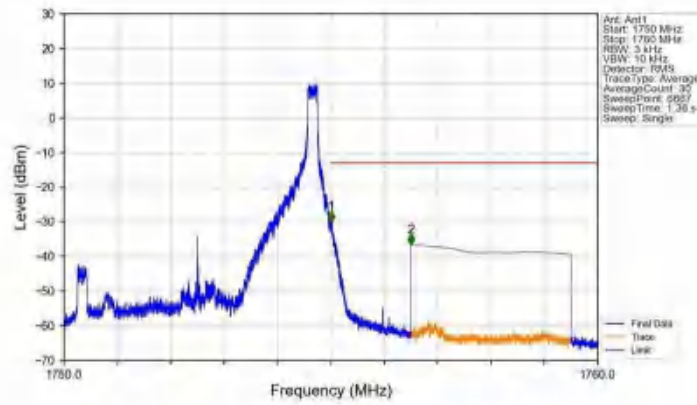
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

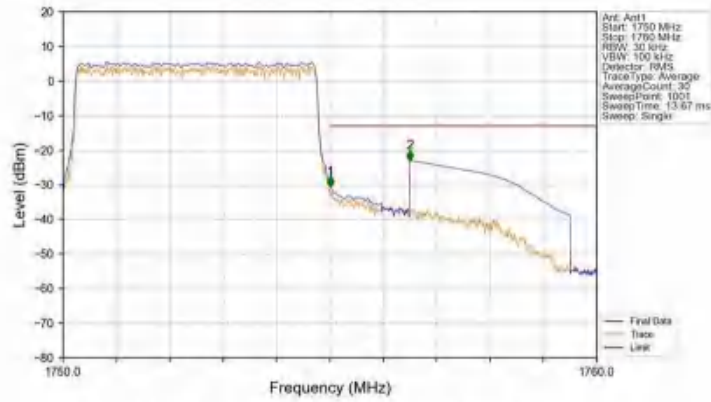


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



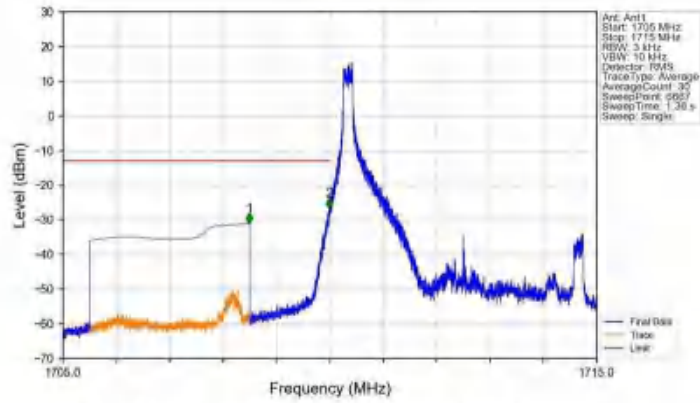
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	F	1	1755.012	-29.96	-13	Pass
1755	1756	0.003	F	1	1755.012	-29.96	-13	Pass
1756	1760	1	CHP	2	1756.500	-36.61	-13	Pass

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



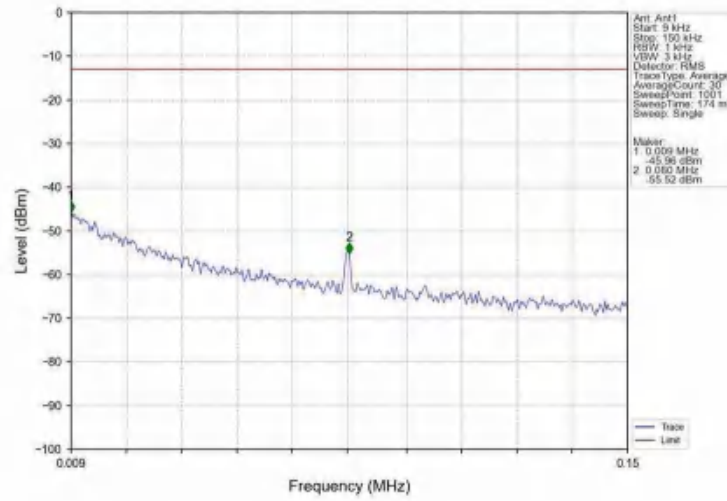
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.05	CHP	1	1755.010	-30.60	-13	Pass
1755	1756	0.05	CHP	2	1756.500	-23.02	-13	Pass

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

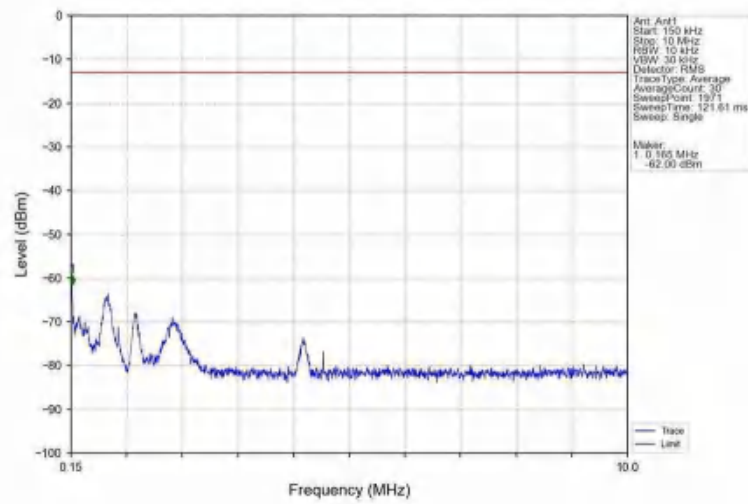


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.491	-31.16	-13	Pass
1709	1710	0.003	CHP	2	1709.999	-25.77	-13	Pass
1710	1715	0.003	CHP	1	1712.5	-	-13	Pass

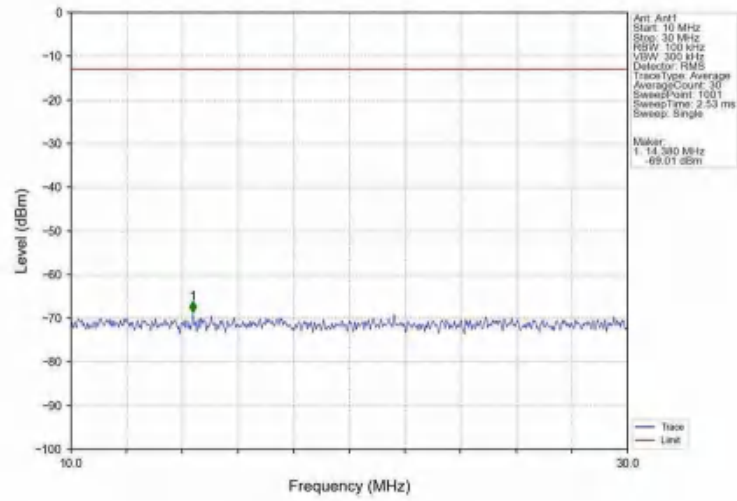
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



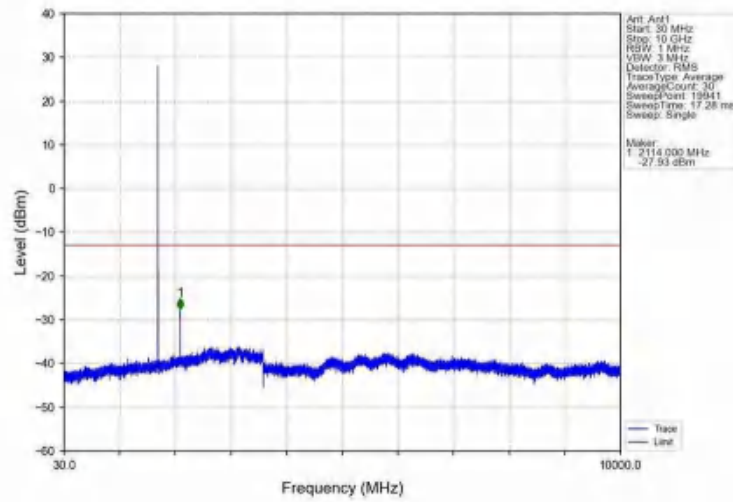
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



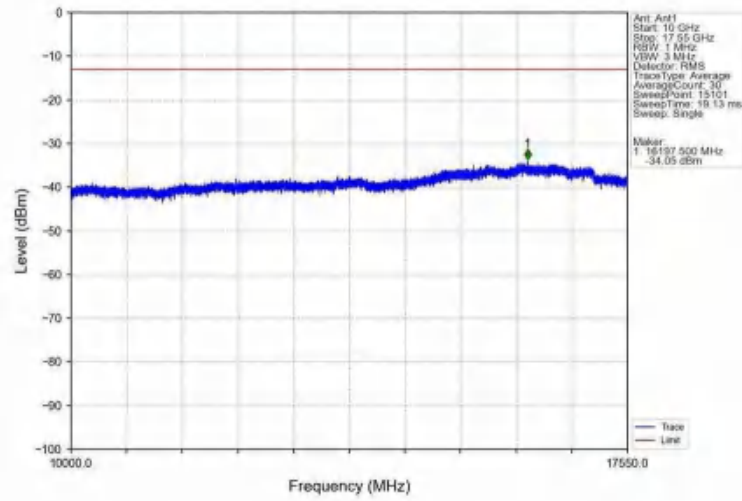
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



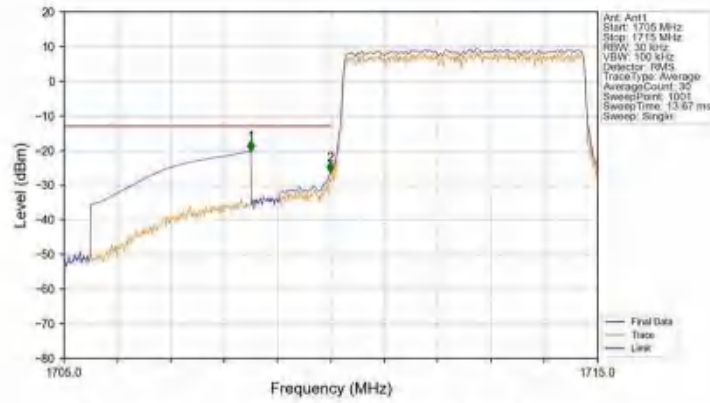
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

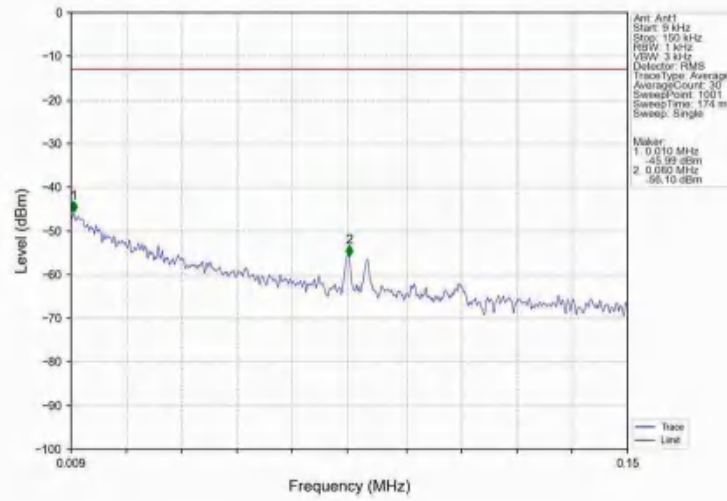


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

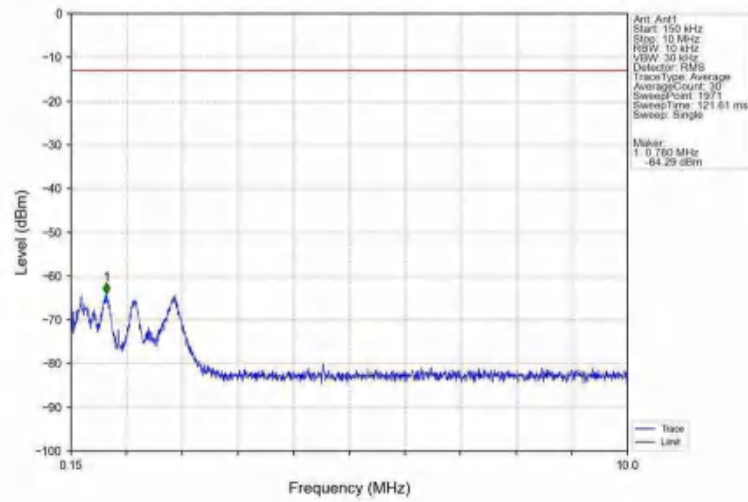


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-20.26	-13	Pass
1709	1710	0.05	CHP	2	1709.950	-26.45	-13	Pass
1710	1715	0.05	CHP					

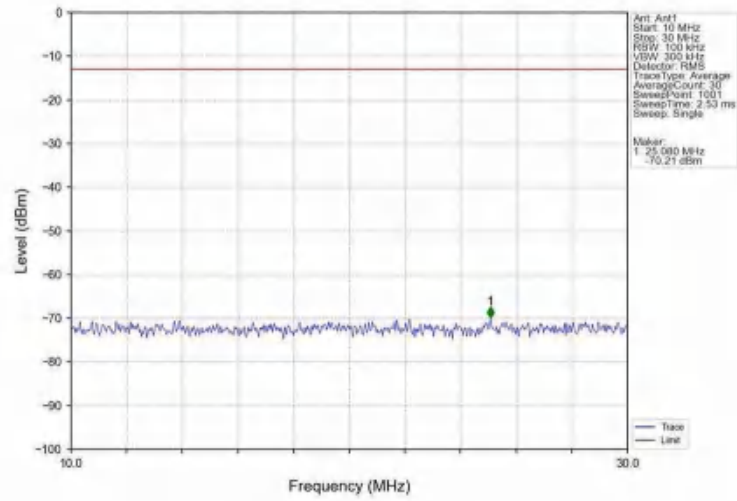
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



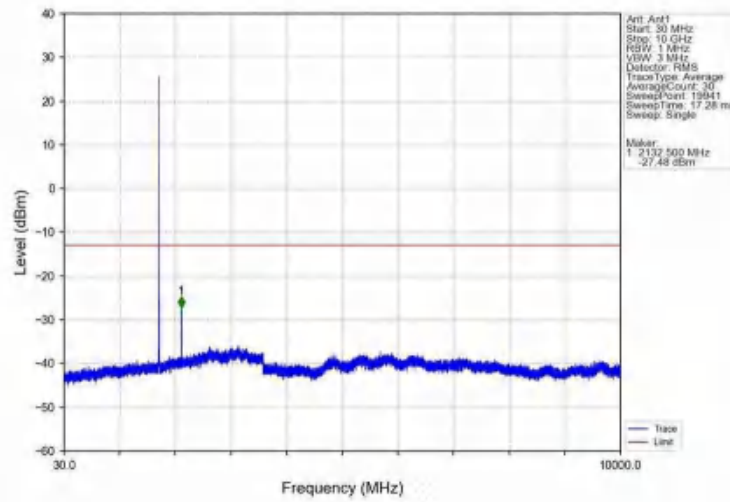
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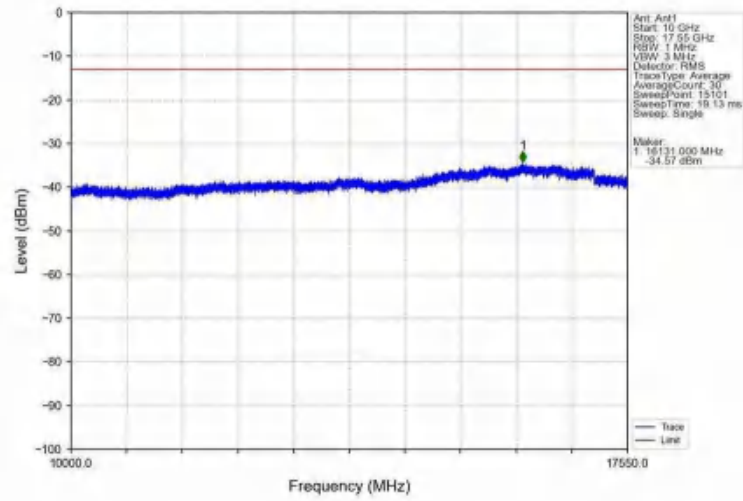
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



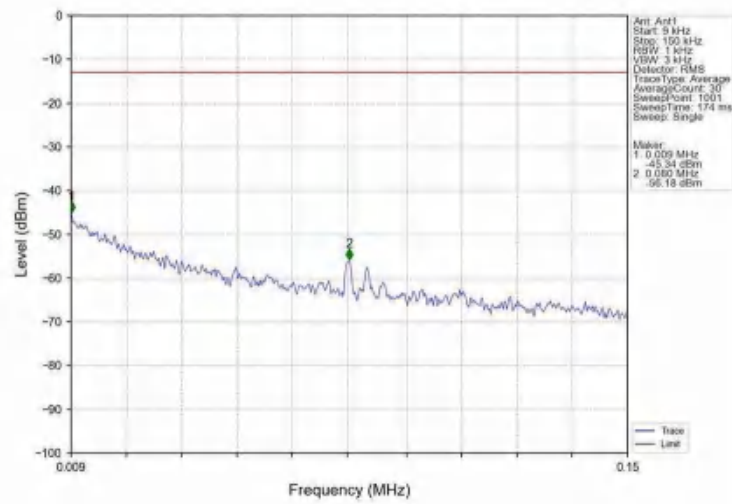
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



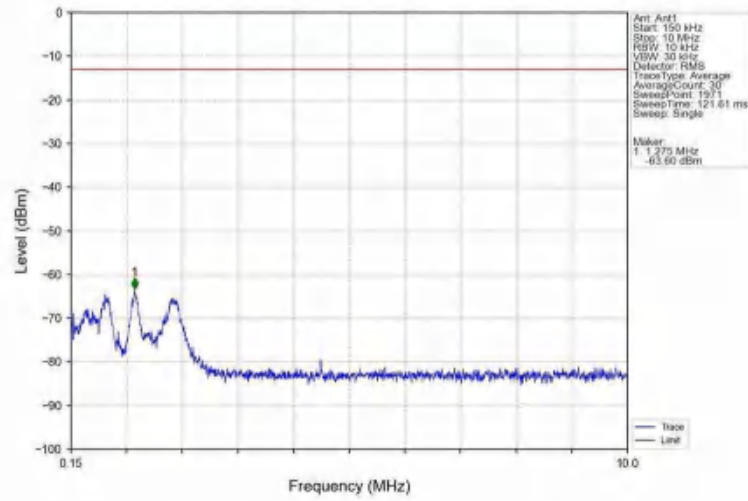
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



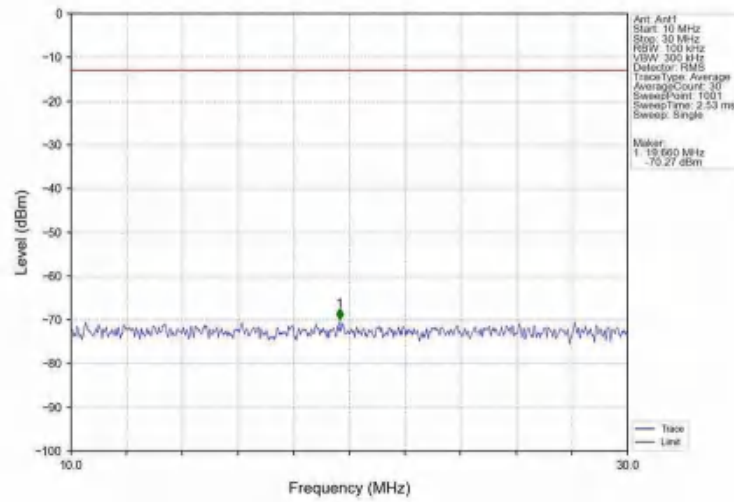
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



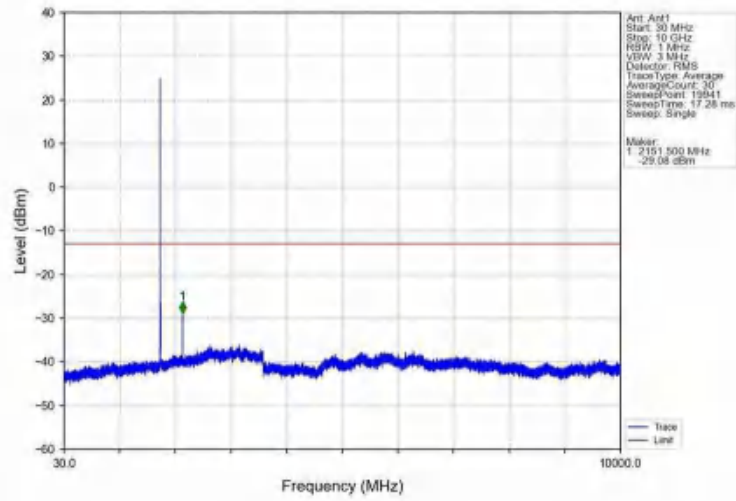
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



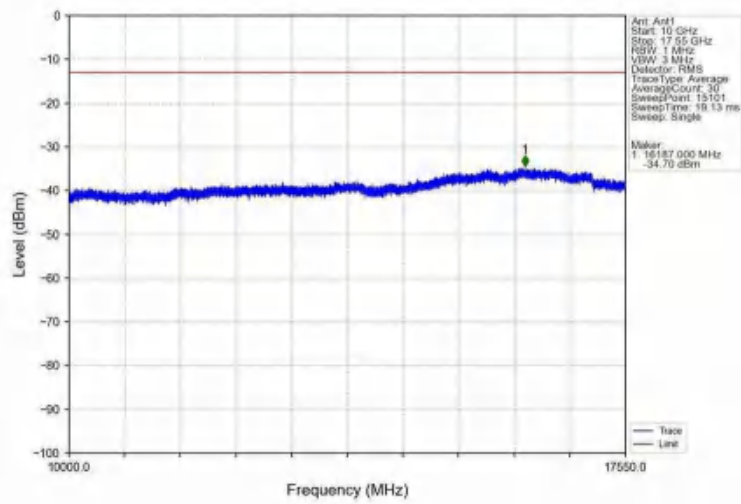
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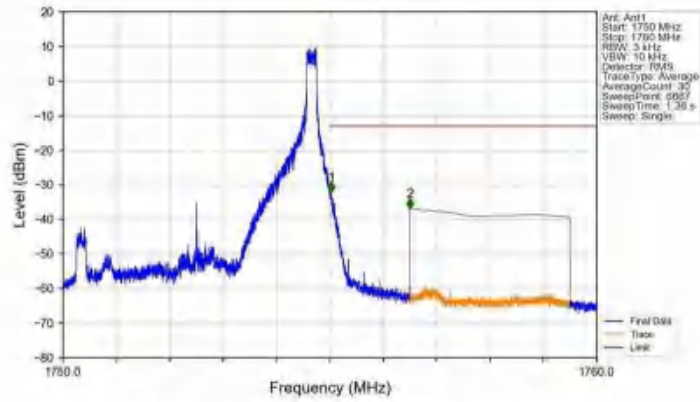
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV

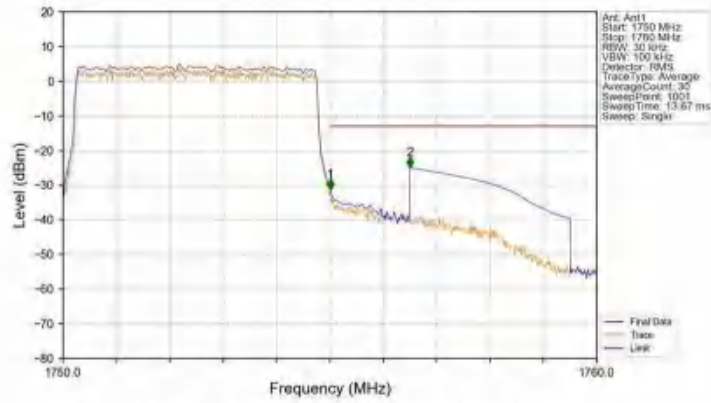


Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



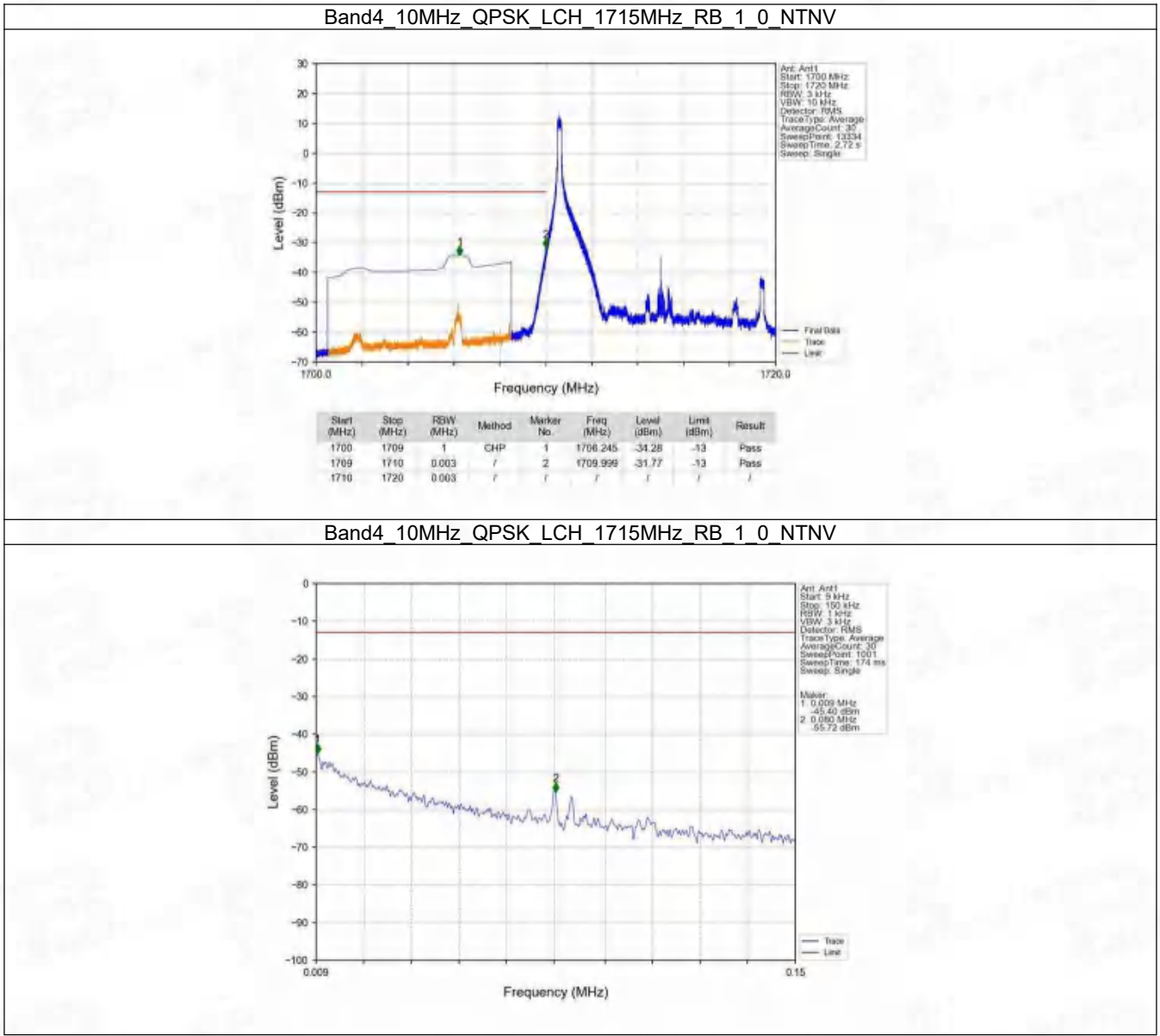
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	f	f	f	f	f	f
1755	1756	0.003	f	1	1755.026	-32.19	-13	Pass
1756	1760	1	CHP	2	1756.500	-36.96	-13	Pass

Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

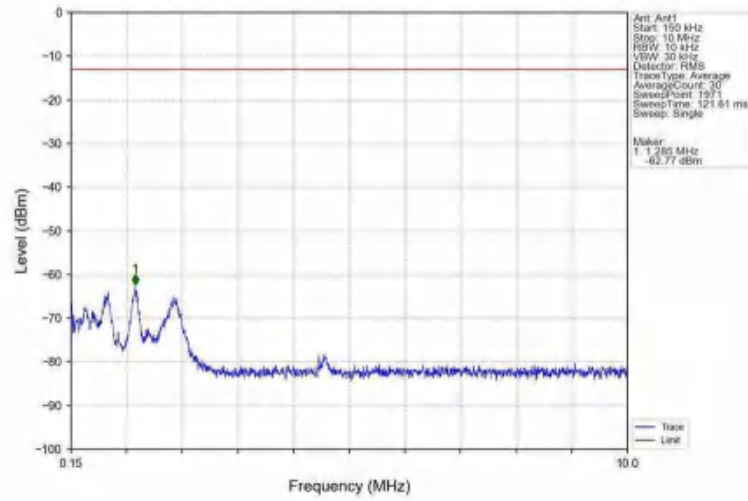


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.06	CHP	f	f	f	f	f
1755	1756	0.06	CHP	1	1755.010	-31.32	-13	Pass
1756	1760	1	CHP	2	1756.500	-25.62	-13	Pass

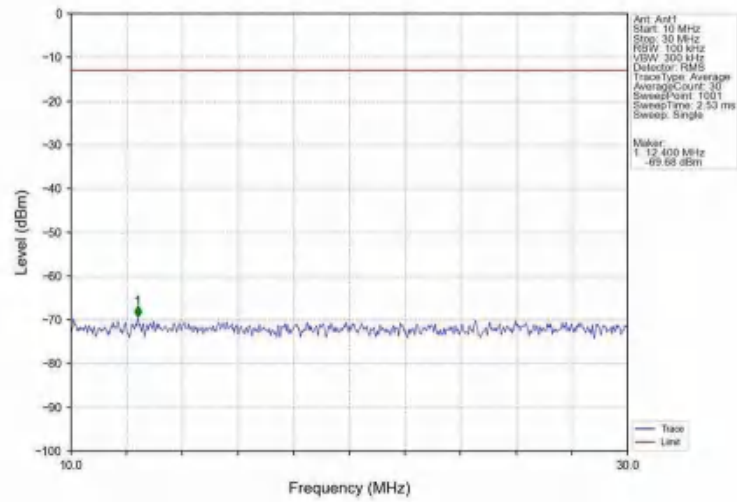
6.2.4 B4_10MHz



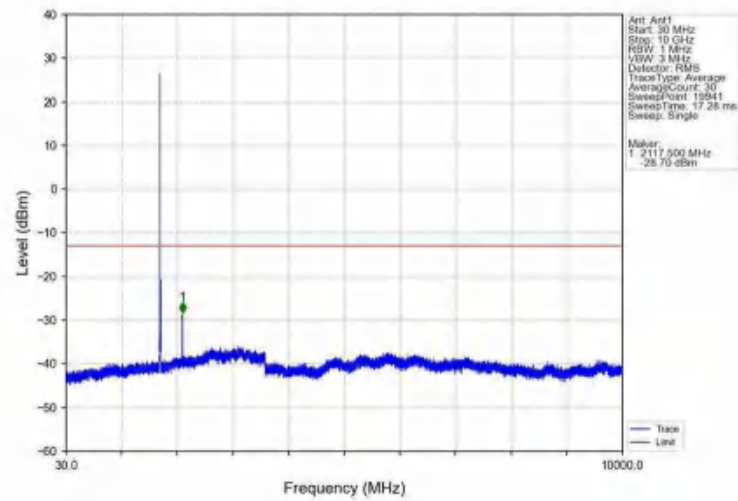
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



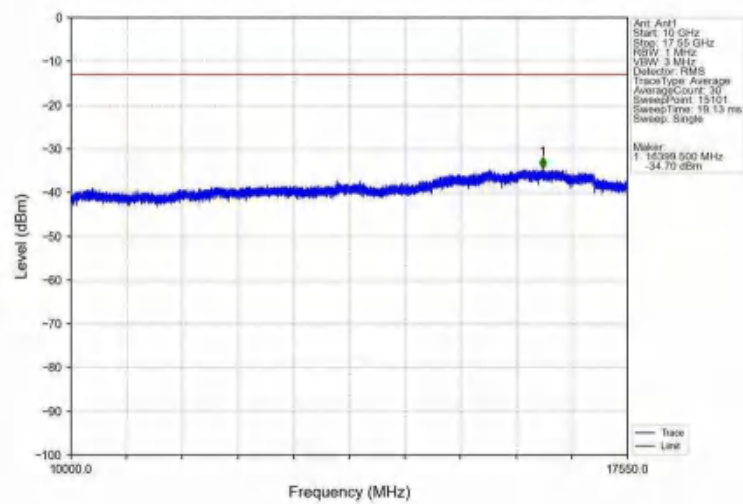
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



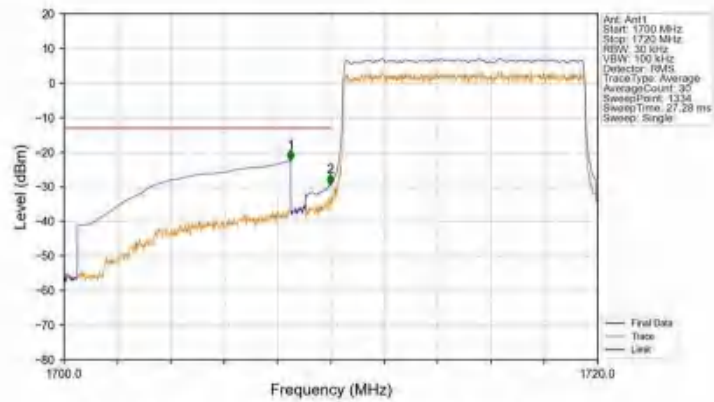
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

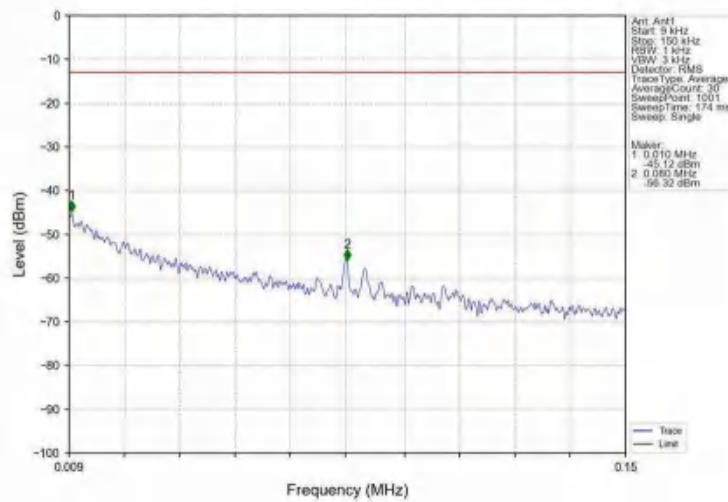


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

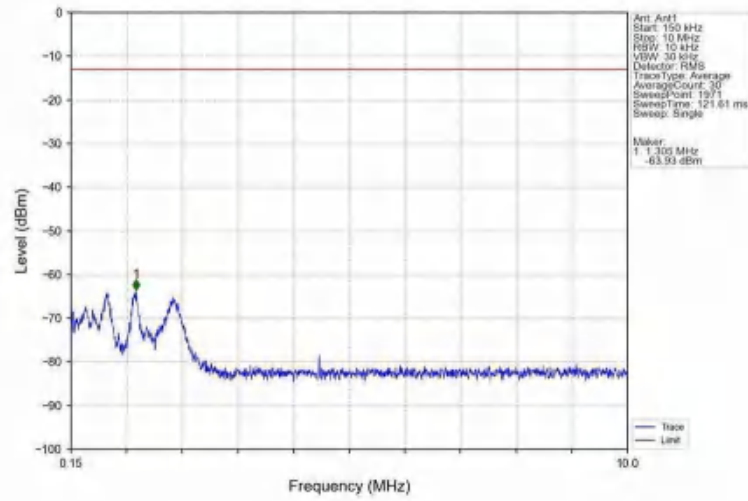


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.492	-22.43	-13	Pass
1709	1710	0.099	CHP	2	1709.977	-29.40	-13	Pass
1710	1720	0.099	CHP					

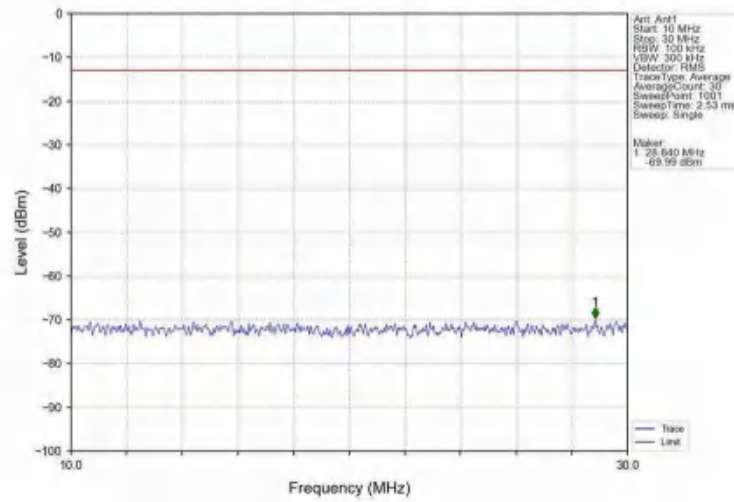
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



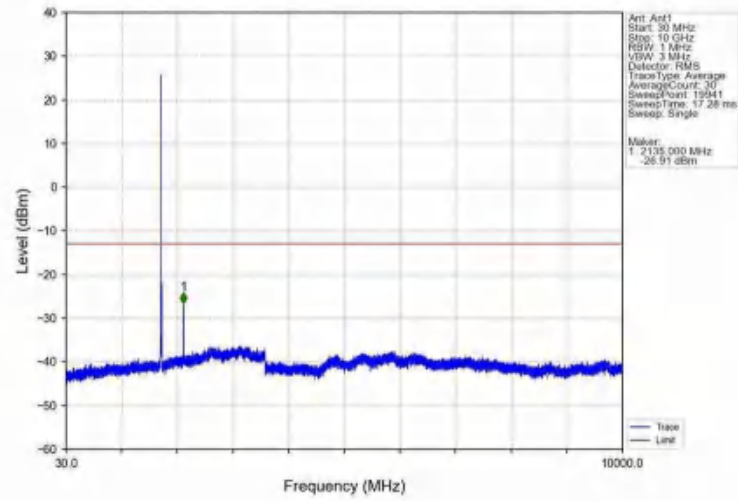
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



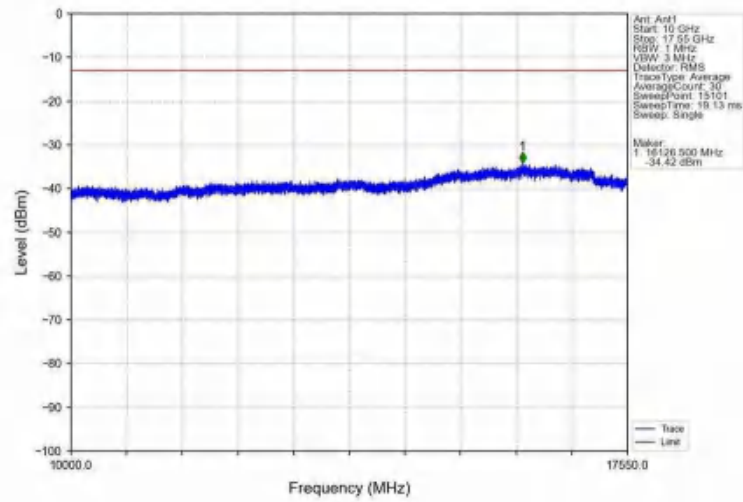
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



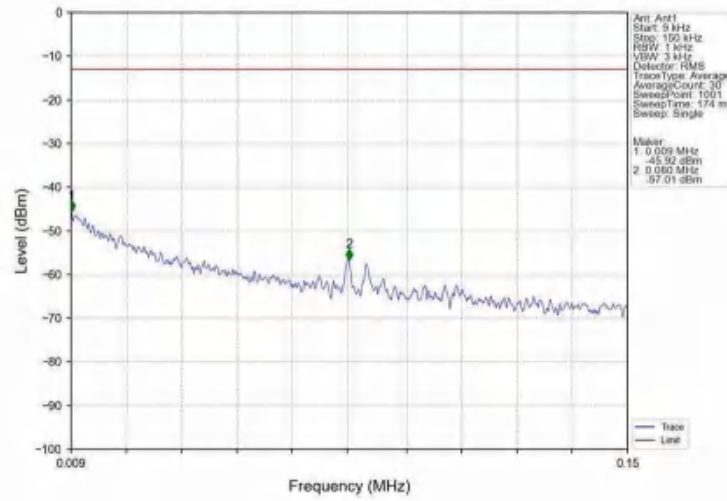
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



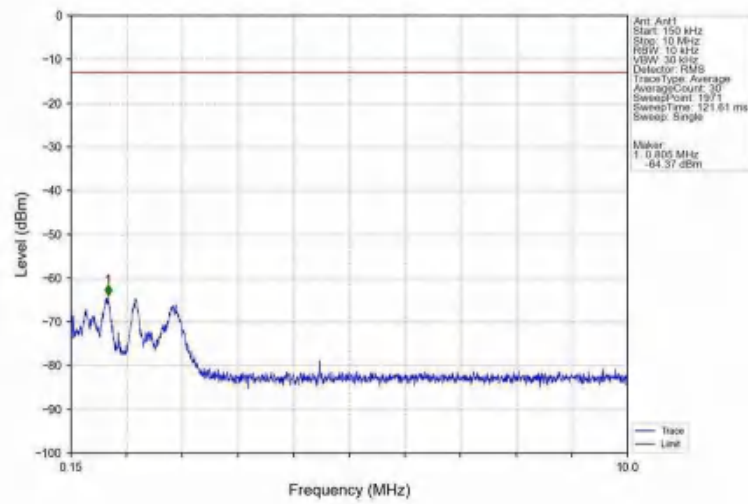
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



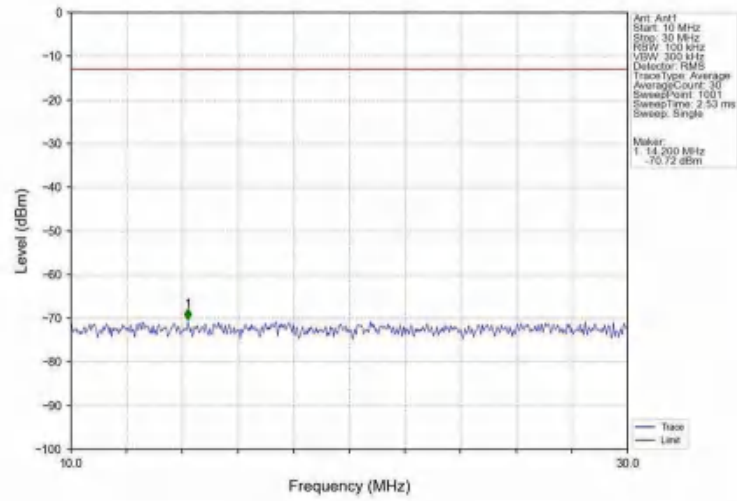
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



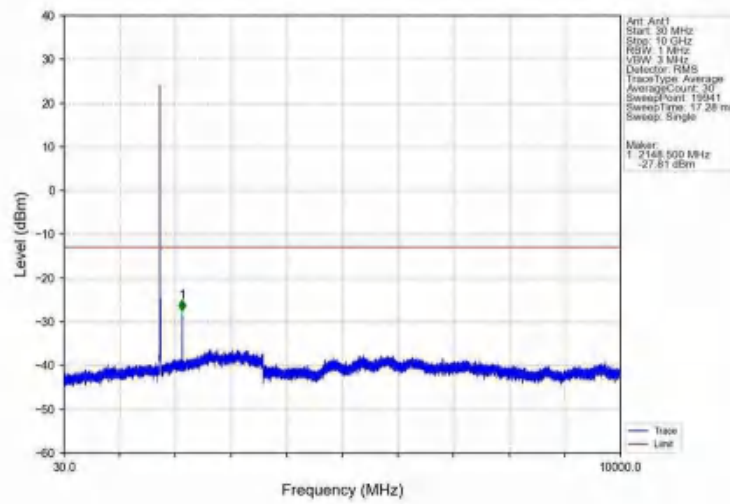
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



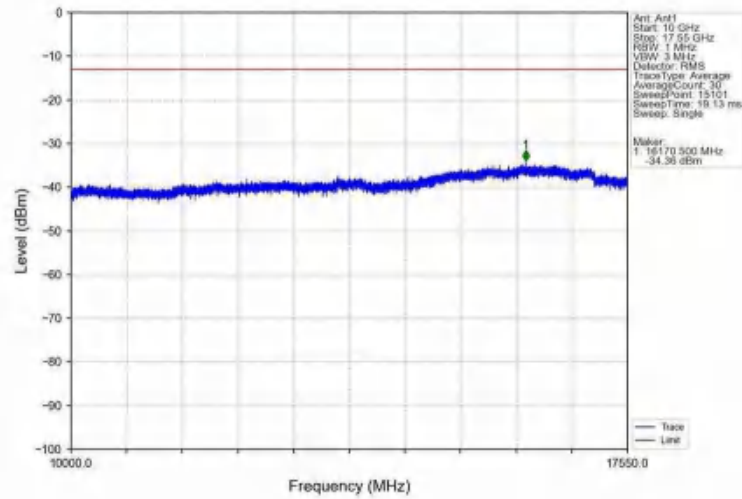
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



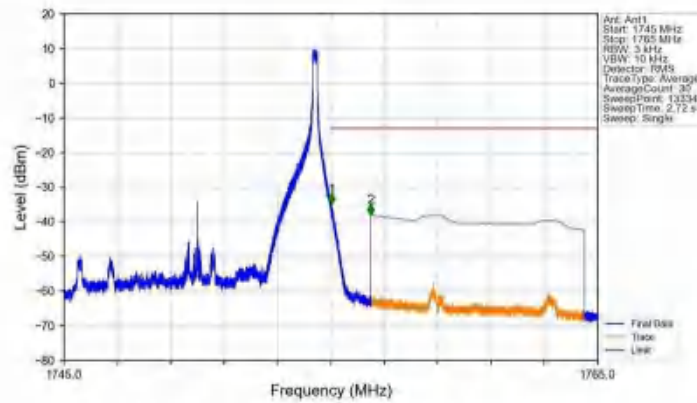
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

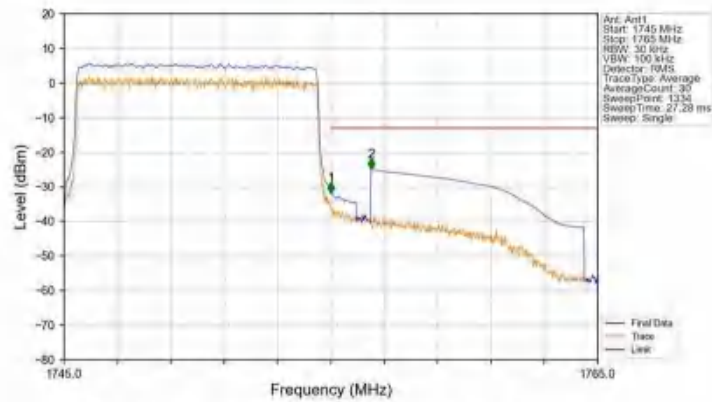


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



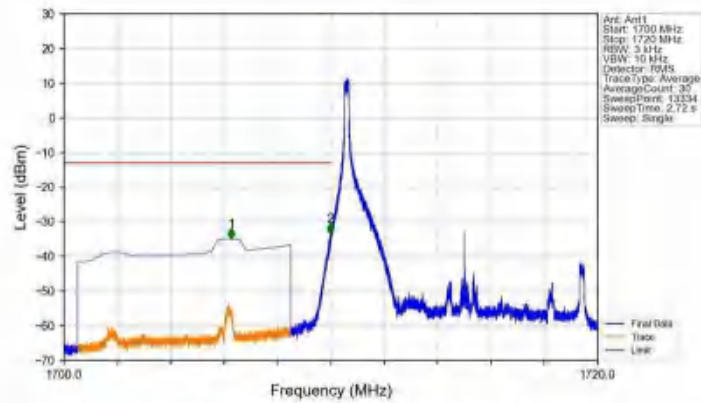
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	f	f				
1755	1756	0.003	f	1	1755.026	-34.89	-13	Pass
1756	1765	1	CHP	2	1756.501	-37.98	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



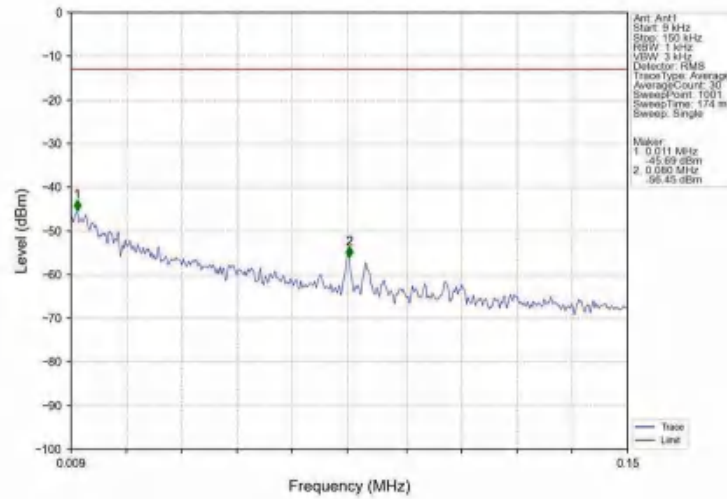
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.099	CHP	1	1755.008	-31.86	-13	Pass
1755	1756	0.099	CHP	2	1756.508	-24.93	-13	Pass

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

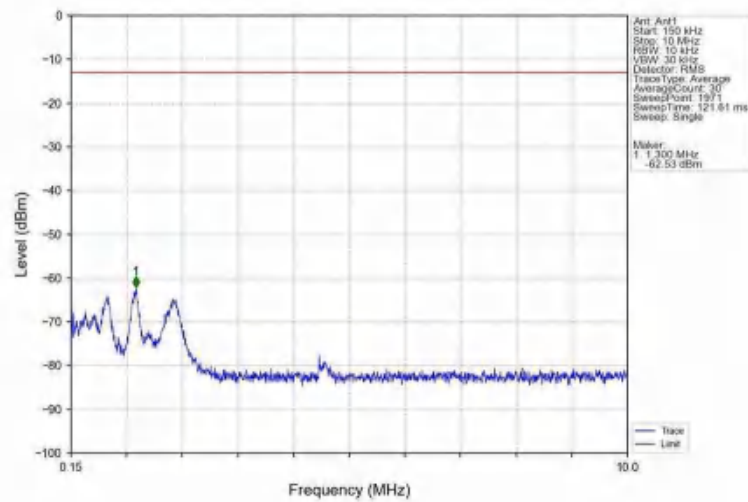


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1706.272	-34.97	-13	Pass
1709	1710	0.003	CHP	2	1709.986	-33.47	-13	Pass
1710	1720	0.003	CHP	1	1710.000	-	-	Pass

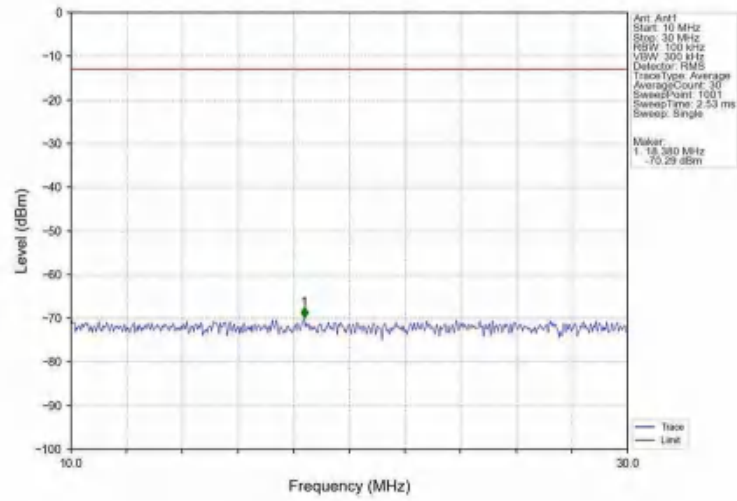
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



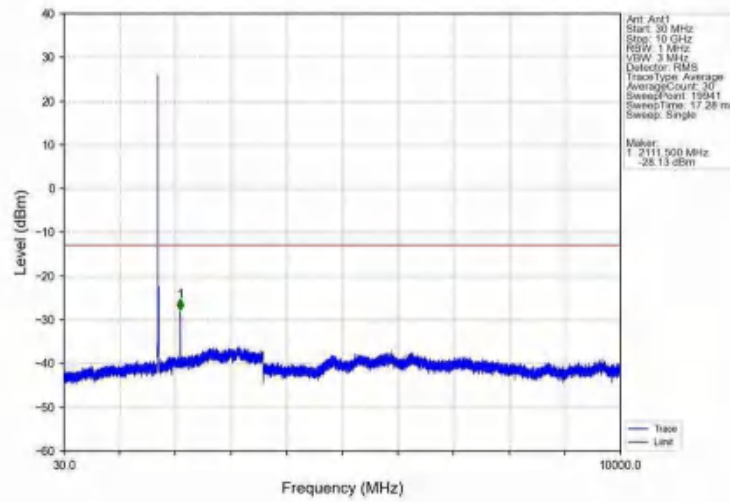
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



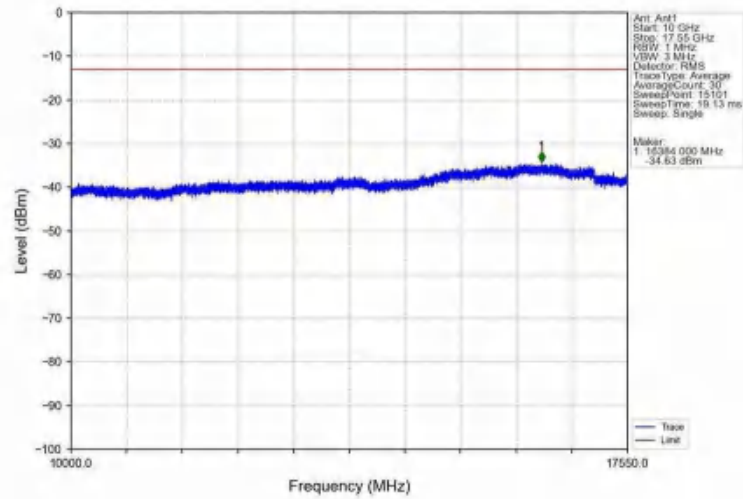
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



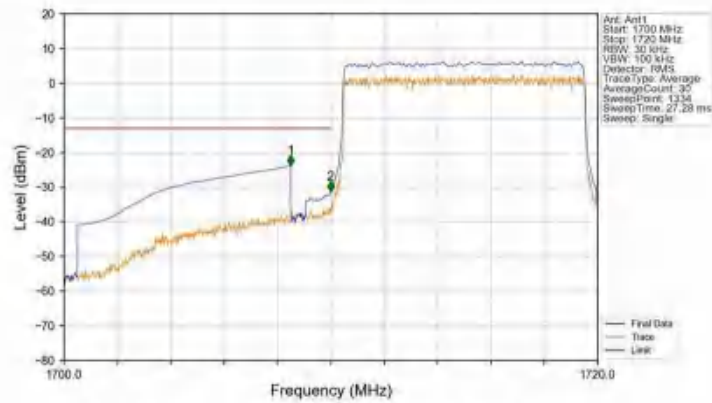
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

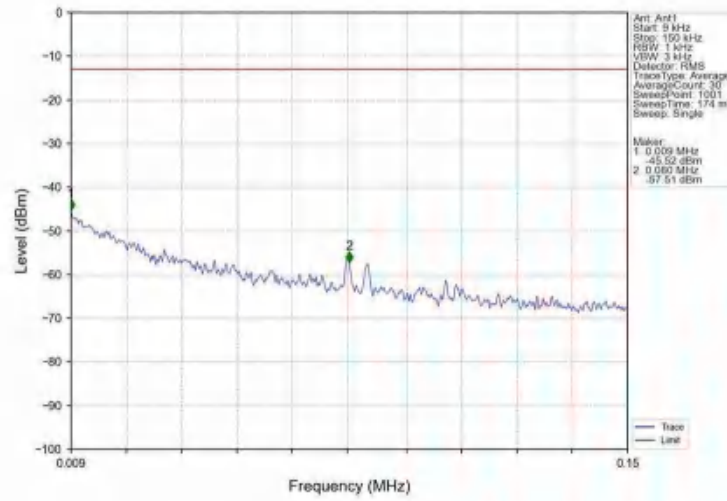


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

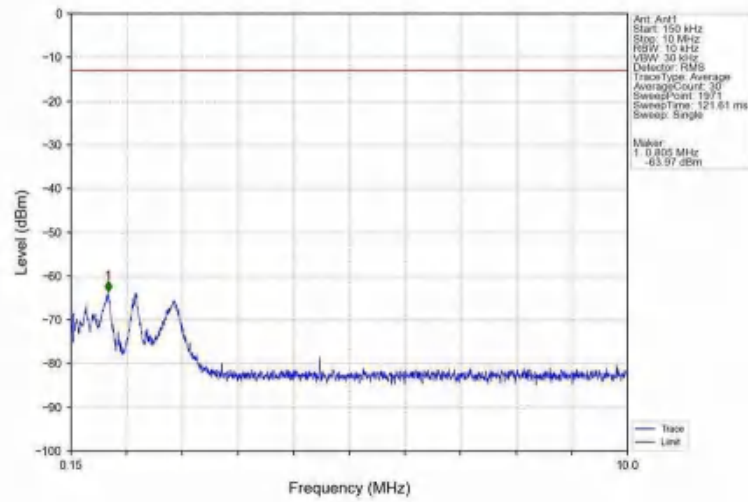


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.492	-23.92	-13	Pass
1709	1710	0.099	CHP	2	1709.952	-31.37	-13	Pass
1710	1720	0.099	CHP					

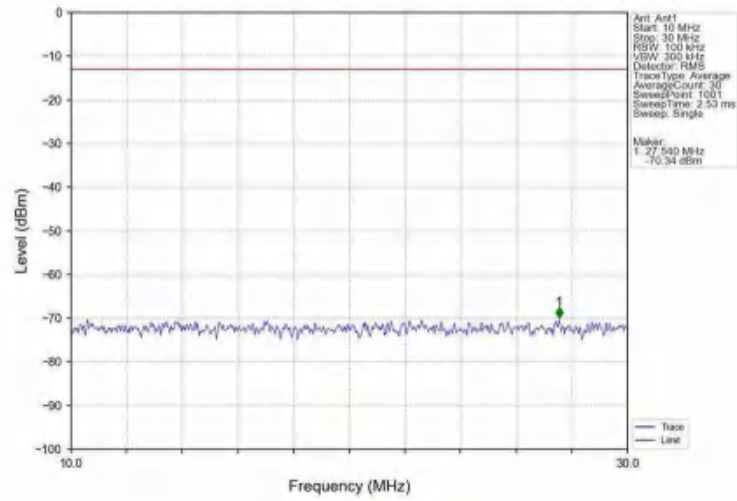
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



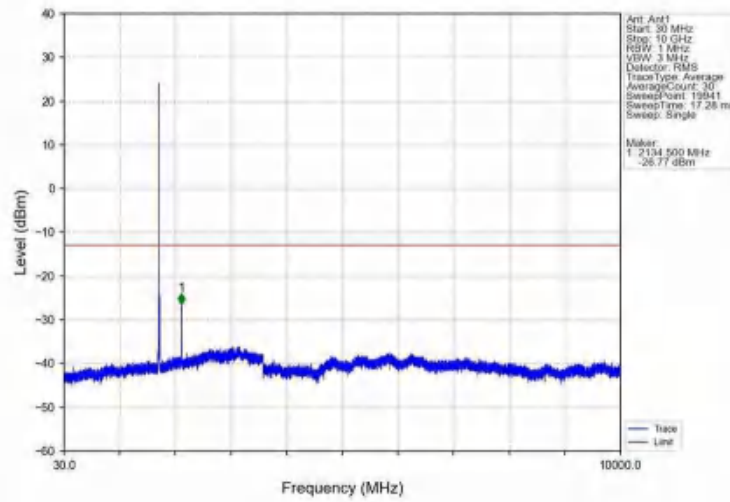
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



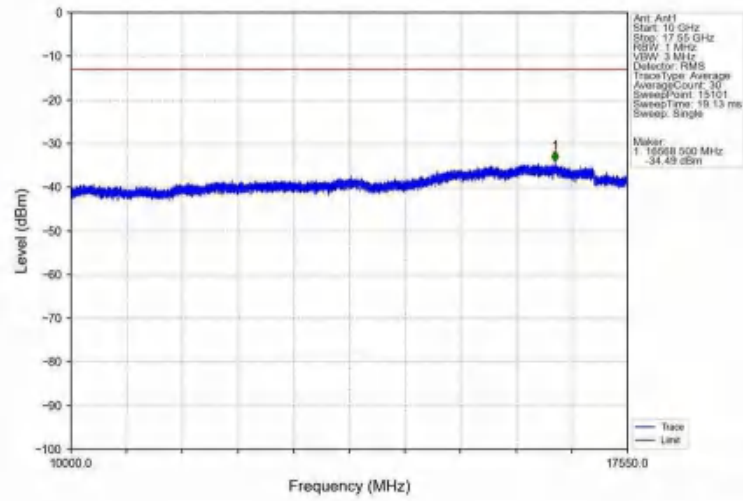
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



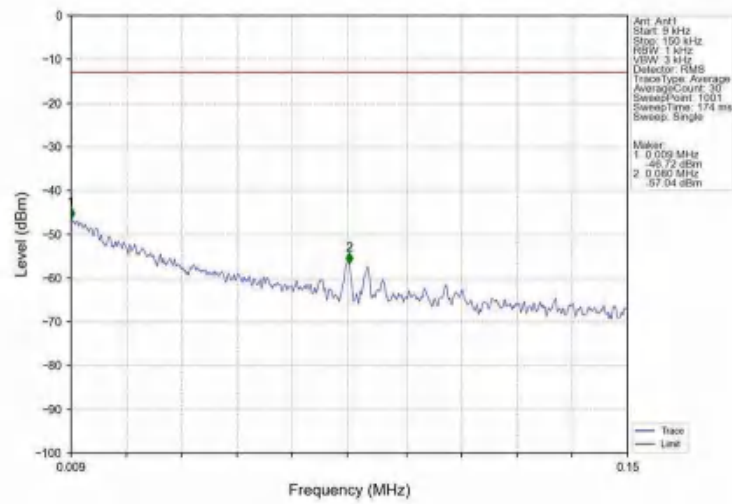
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



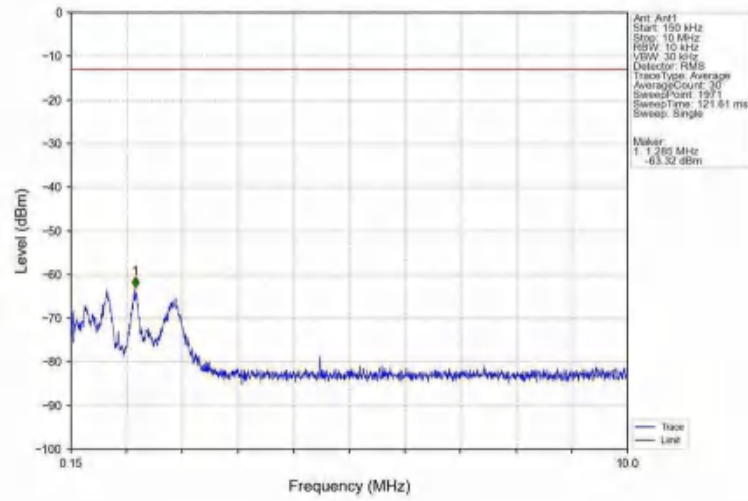
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



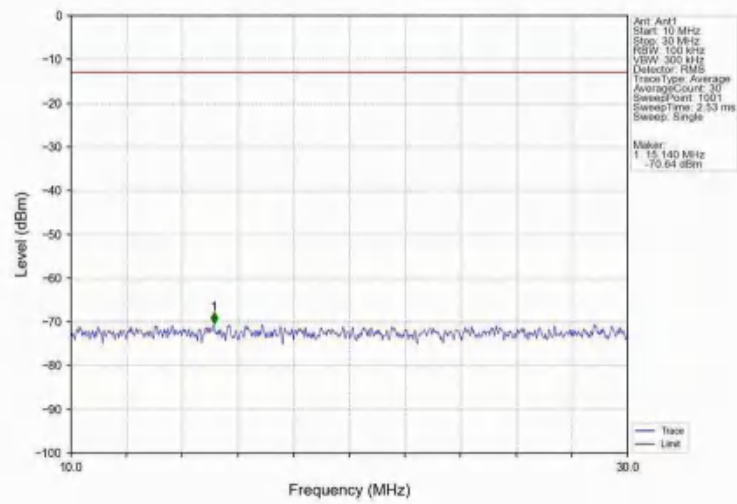
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



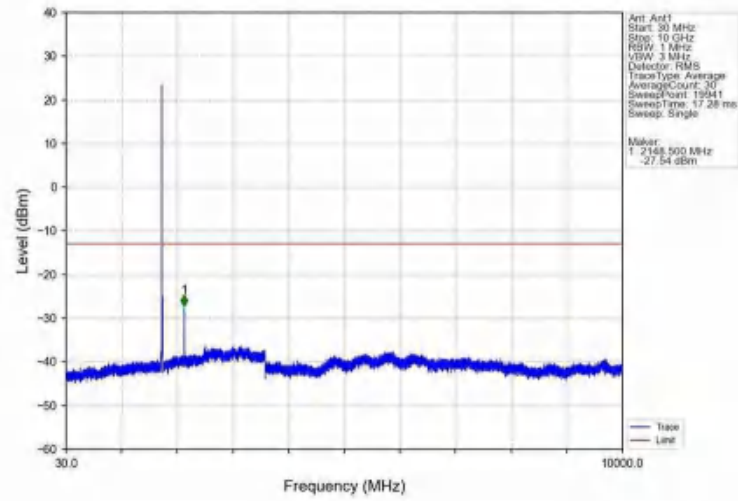
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



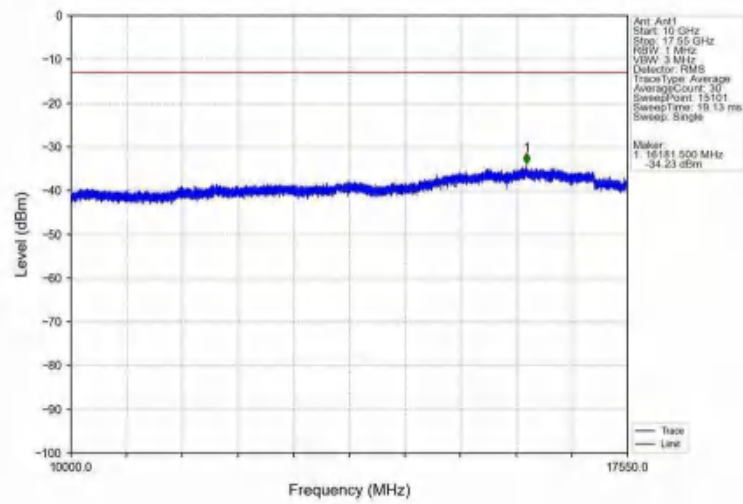
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



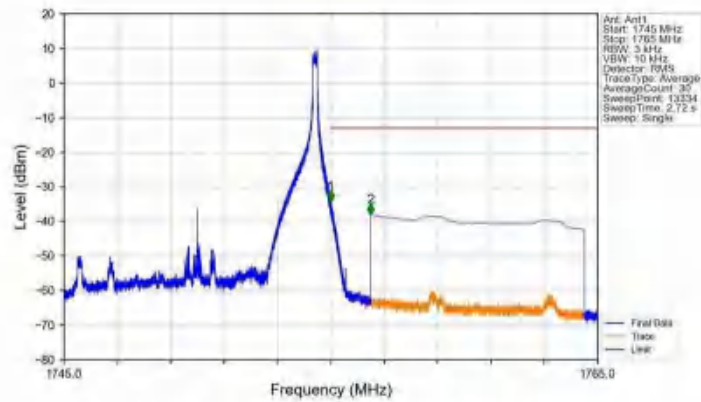
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV

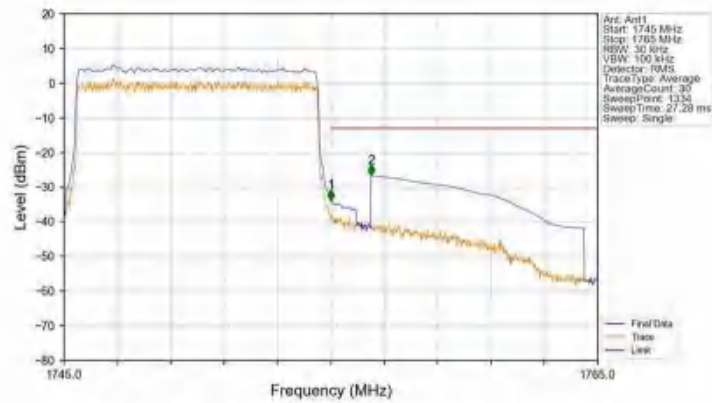


Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



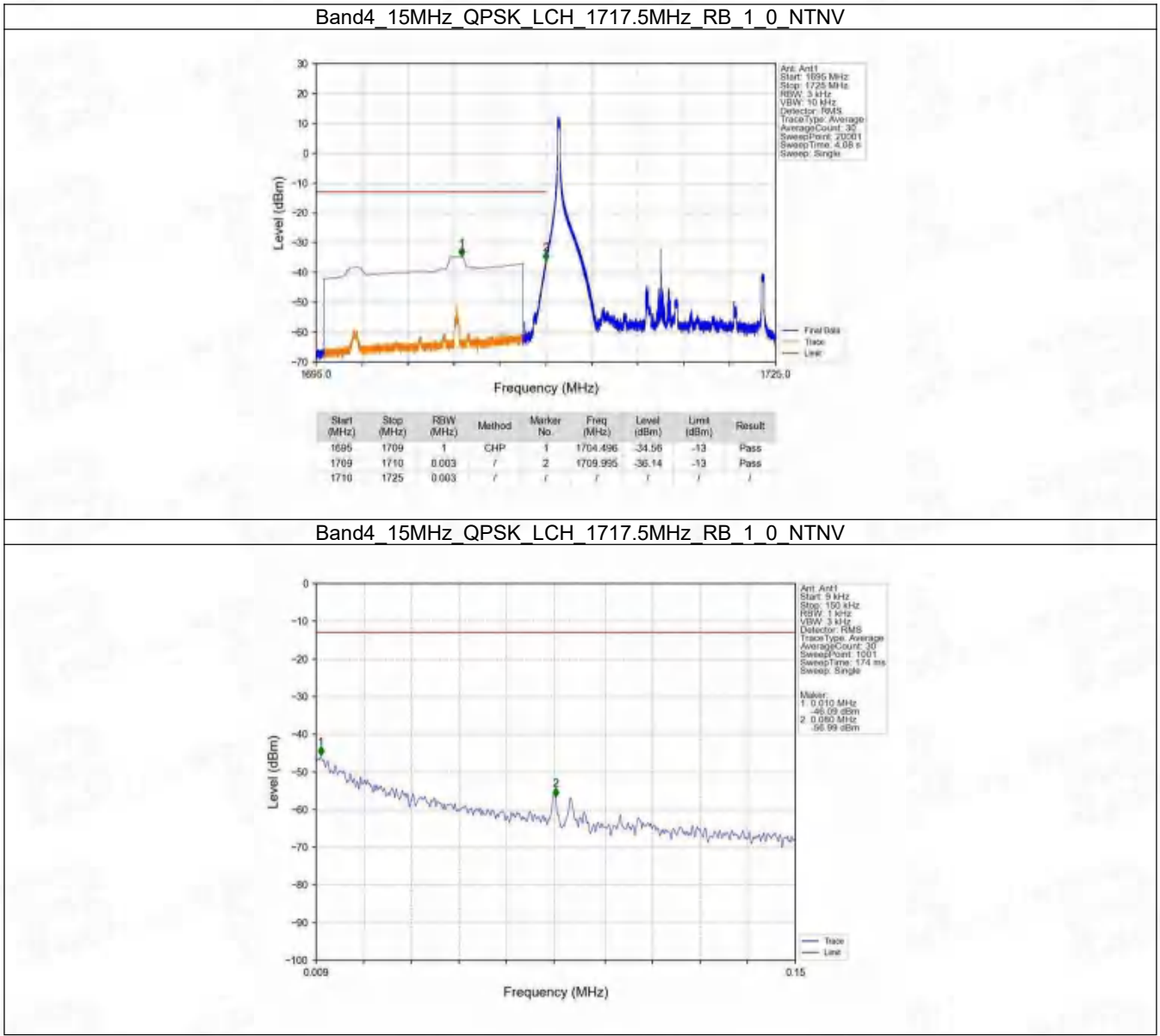
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-34.28	-13	Pass
1756	1765	1	CHP	2	1756.501	-38.11	-13	Pass

Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

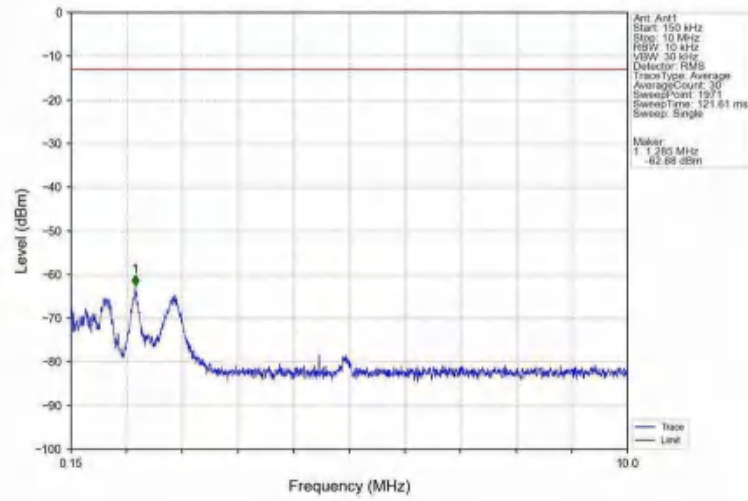


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.099	CHP	/	/	/	/	/
1755	1756	0.099	CHP	1	1755.008	-33.77	-13	Pass
1756	1765	1	CHP	2	1756.508	-26.83	-13	Pass

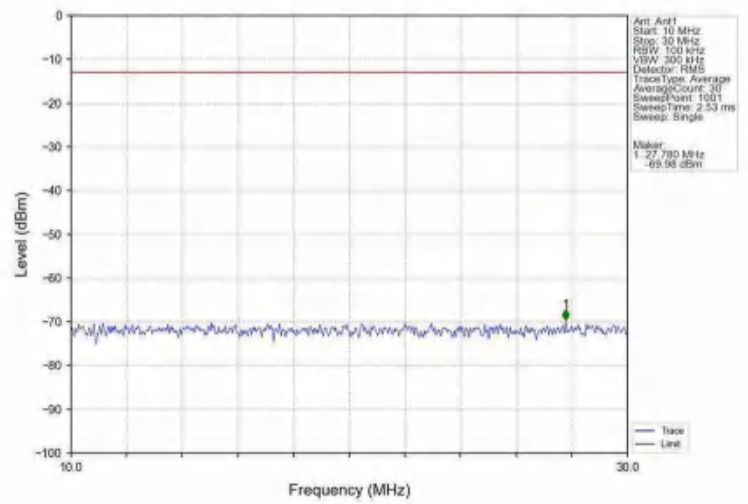
6.2.5 B4_15MHz



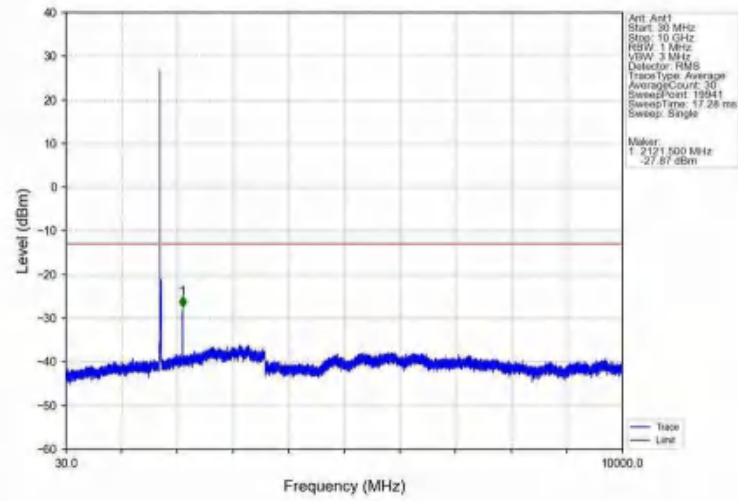
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



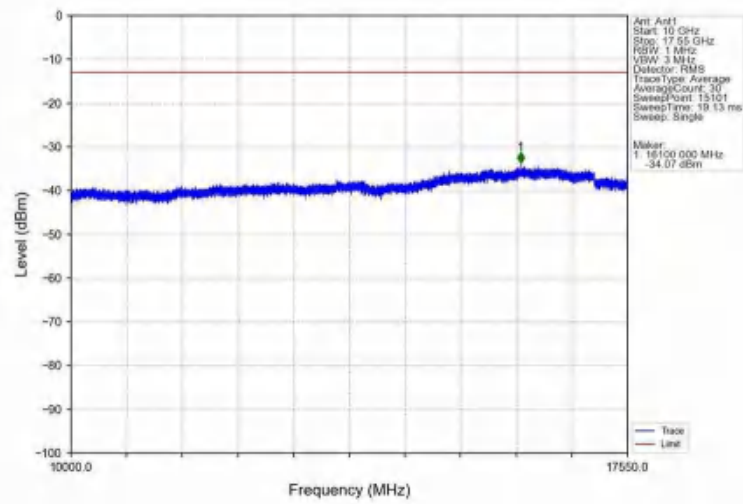
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



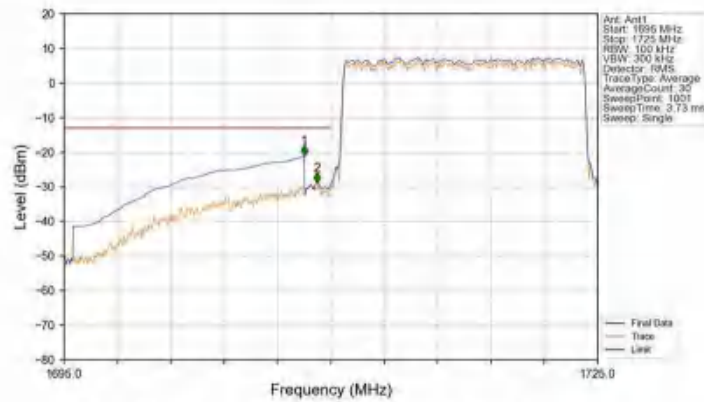
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

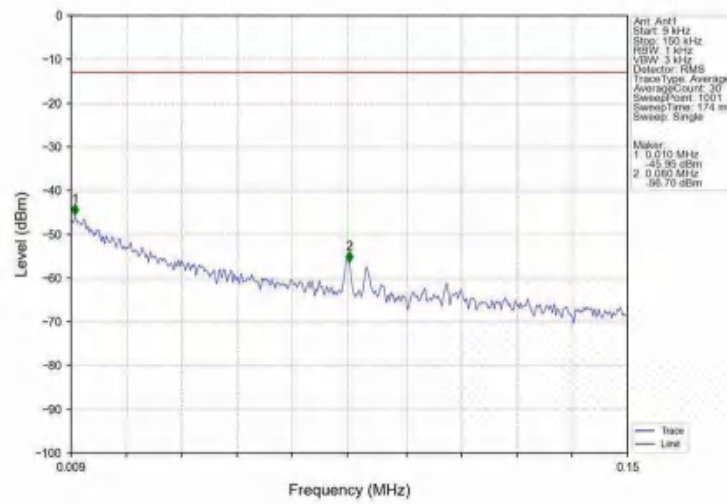


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

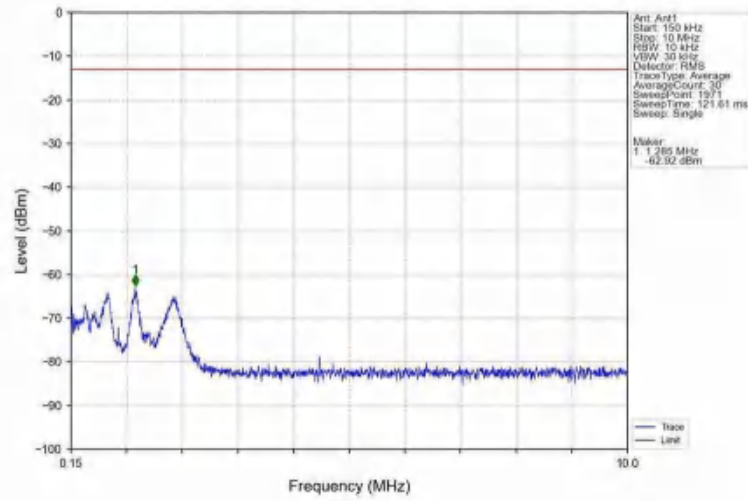


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-21.08	-13	Pass
1709	1710	0.148	CHP	2	1709.220	-28.88	-13	Pass
1710	1725	0.148	CHP					

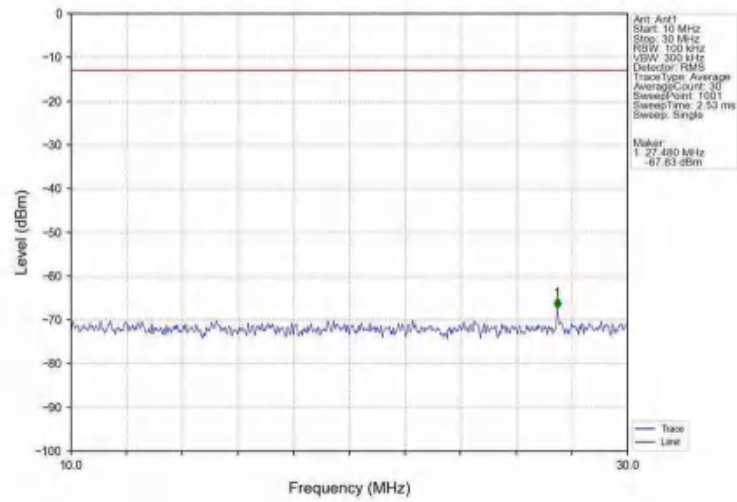
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



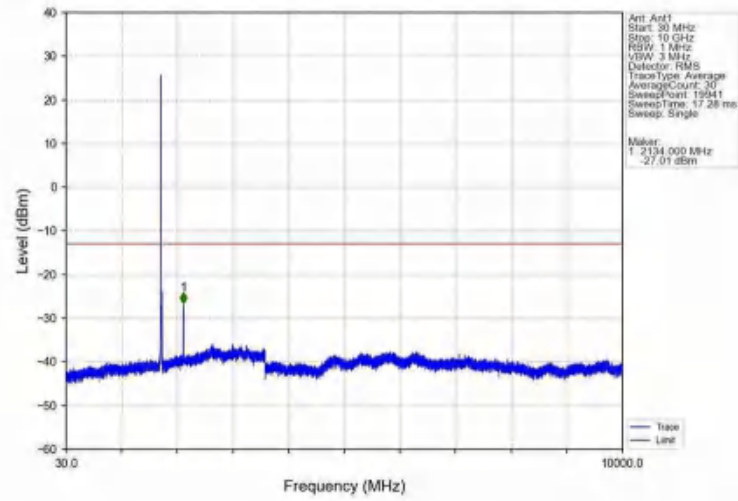
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



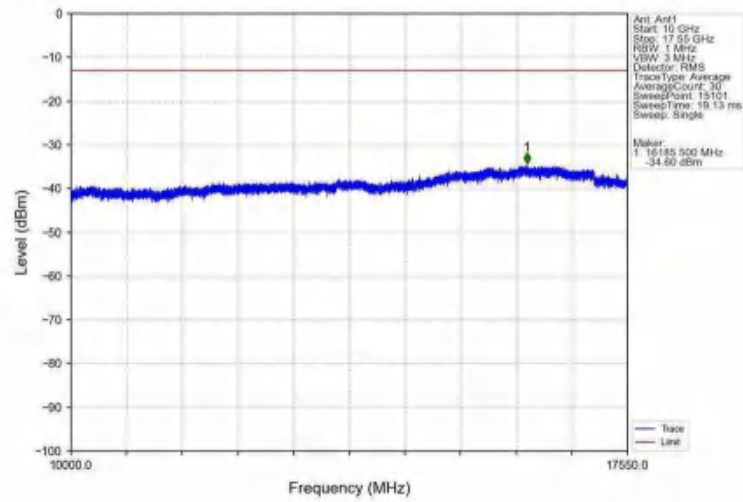
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



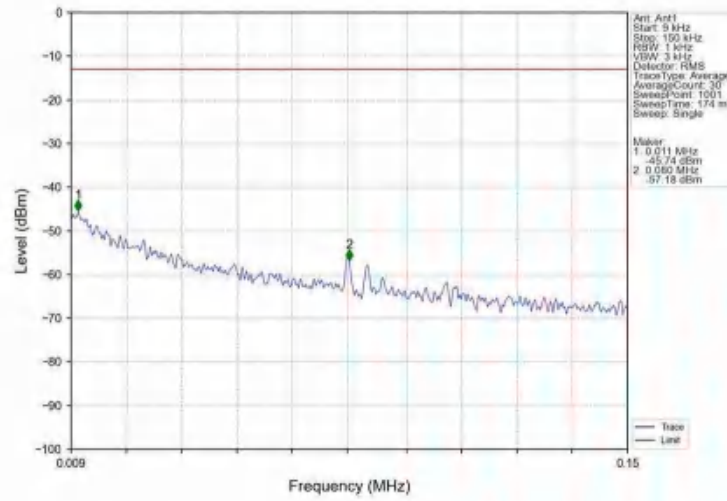
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



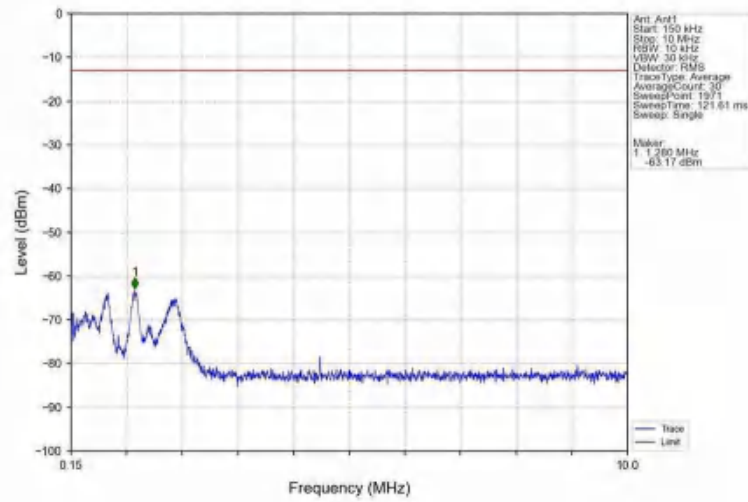
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



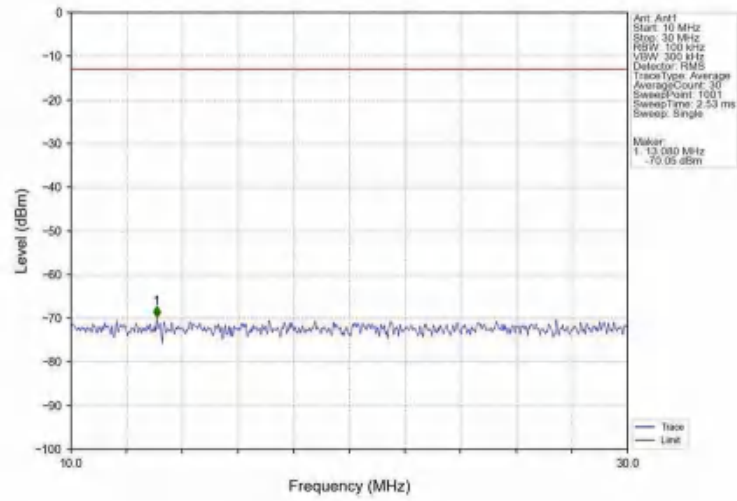
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



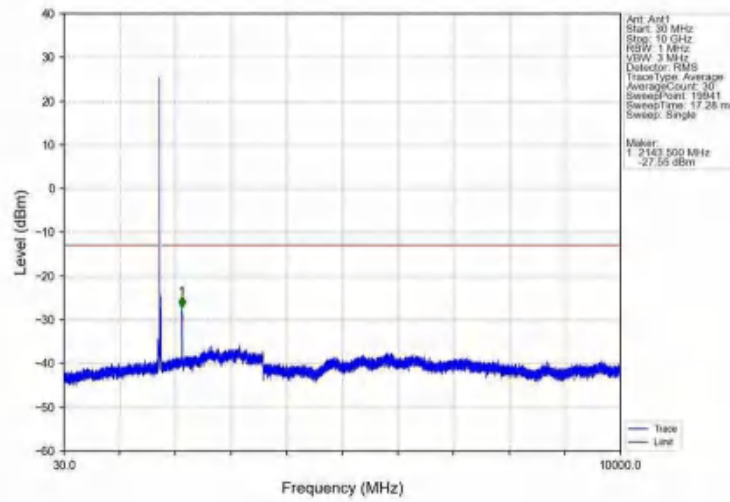
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



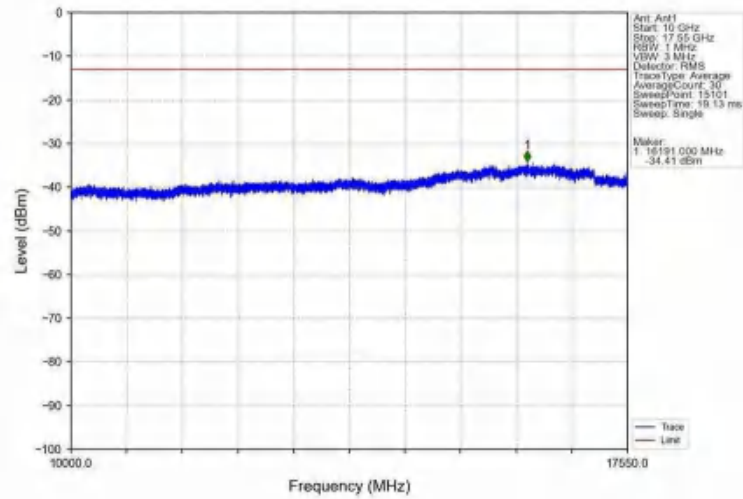
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



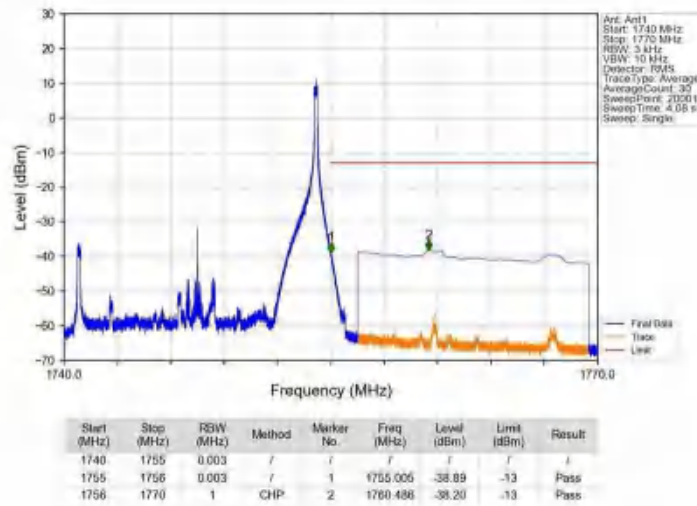
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



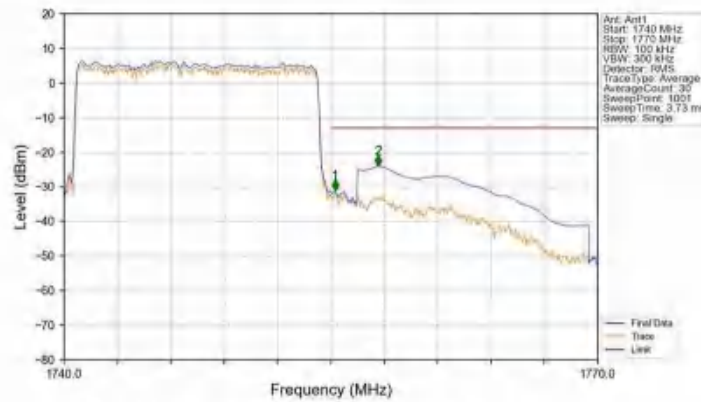
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV

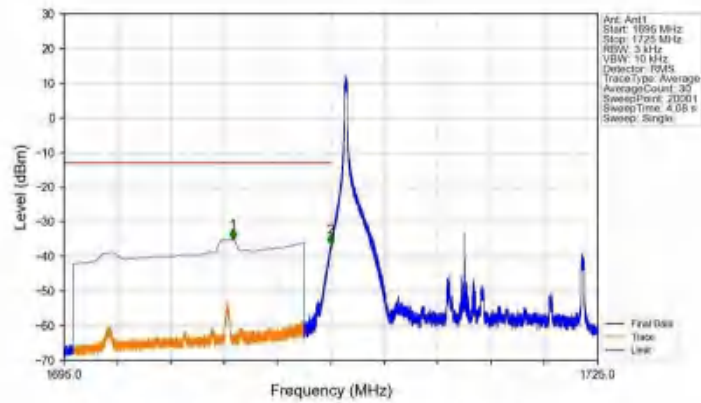


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



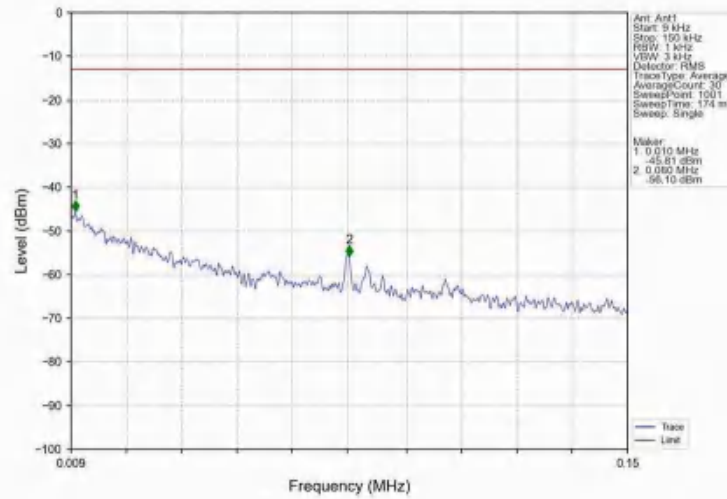
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.15	CHP	1	1755.240	-31.19	-13	Pass
1755	1756	0.15	CHP	1	1755.240	-31.19	-13	Pass
1756	1770	1	CHP	2	1757.670	-24.09	-13	Pass

Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

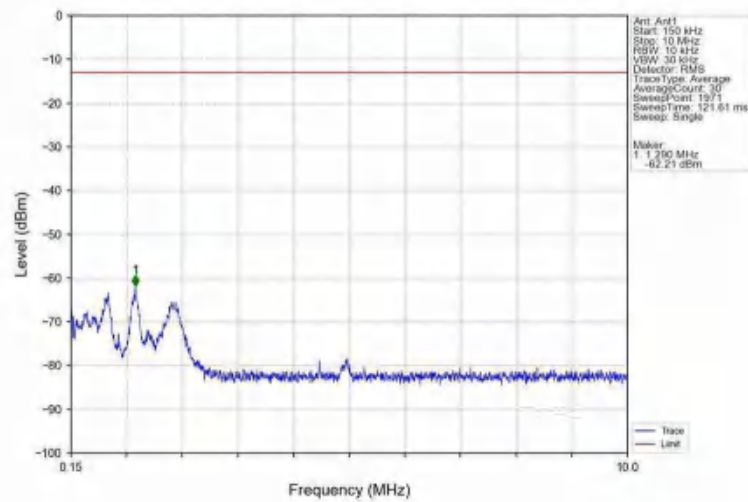


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.499	-35.10	-13	Pass
1709	1710	0.003	CHP	2	1709.997	-36.58	-13	Pass
1710	1725	0.003	CHP	2	1709.997	-36.58	-13	Pass

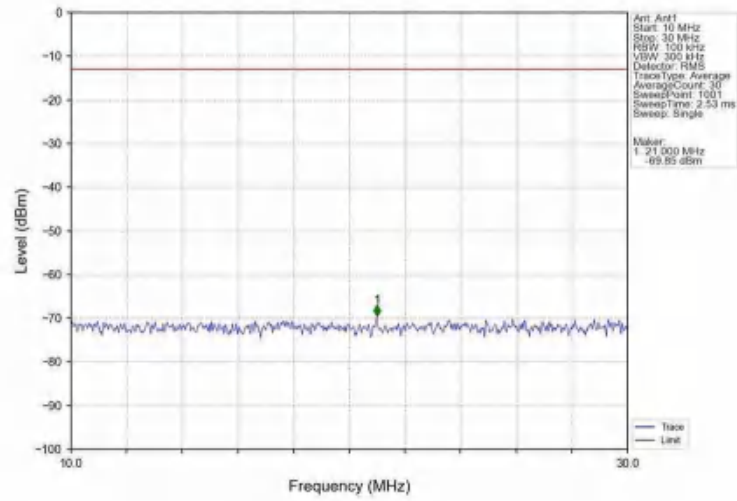
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



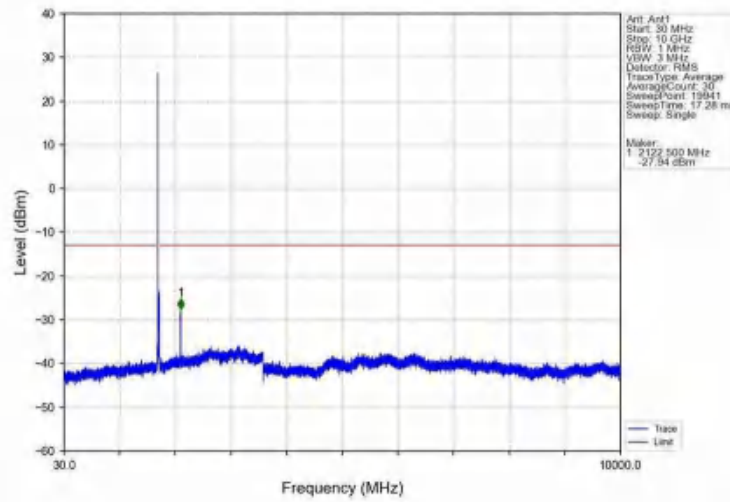
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



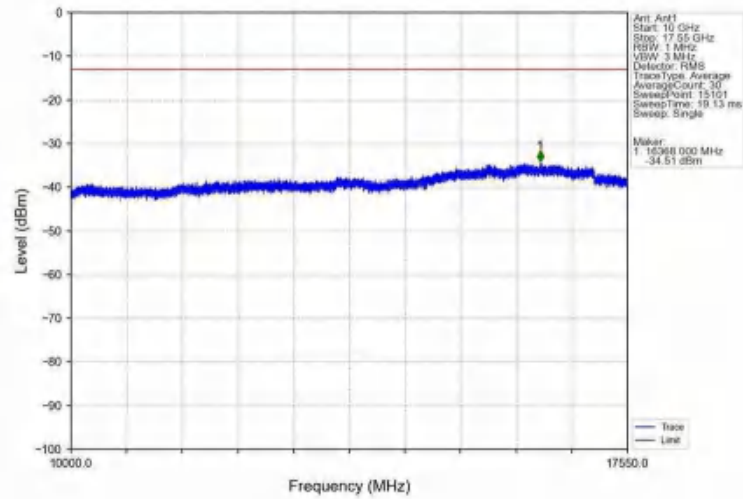
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



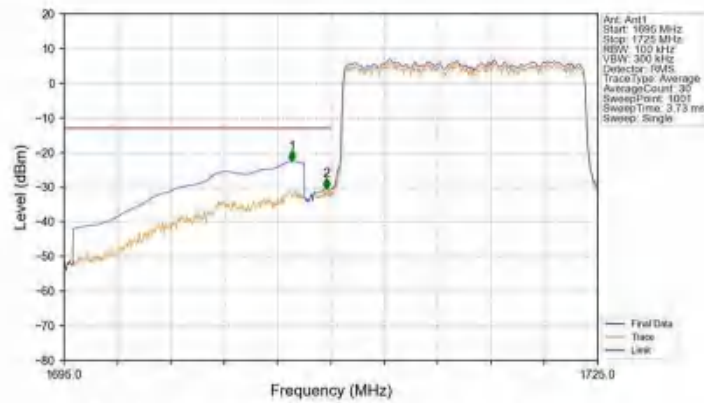
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

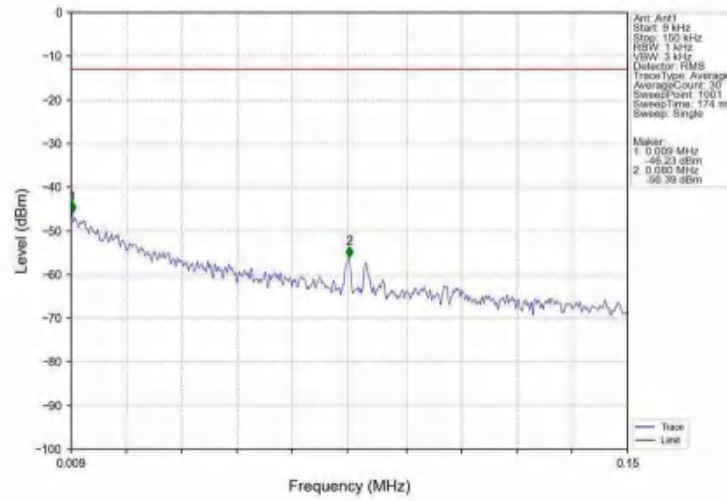


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

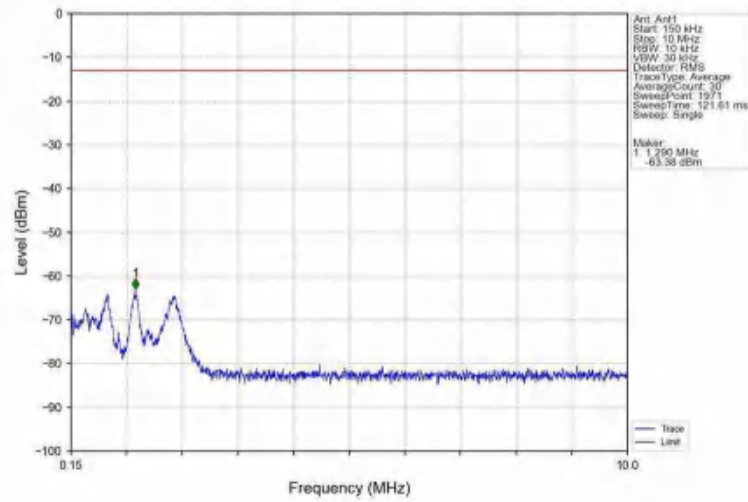


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.810	-22.51	-13	Pass
1709	1710	0.149	CHP	2	1709.760	-30.49	-13	Pass
1710	1725	0.149	CHP	1	1	1	1	1

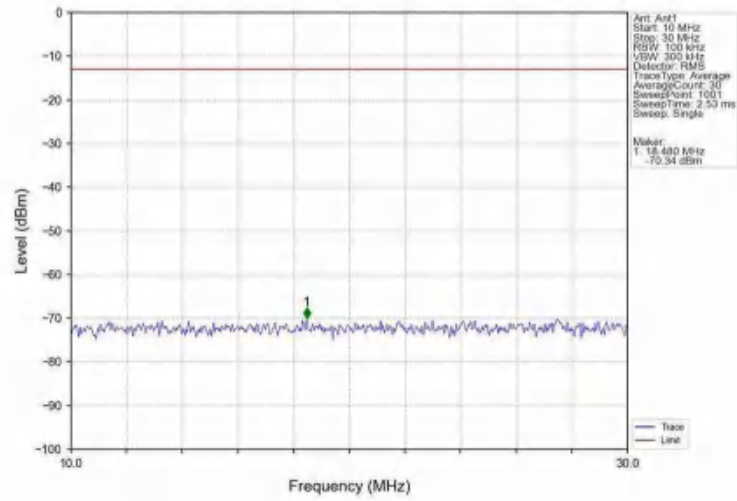
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



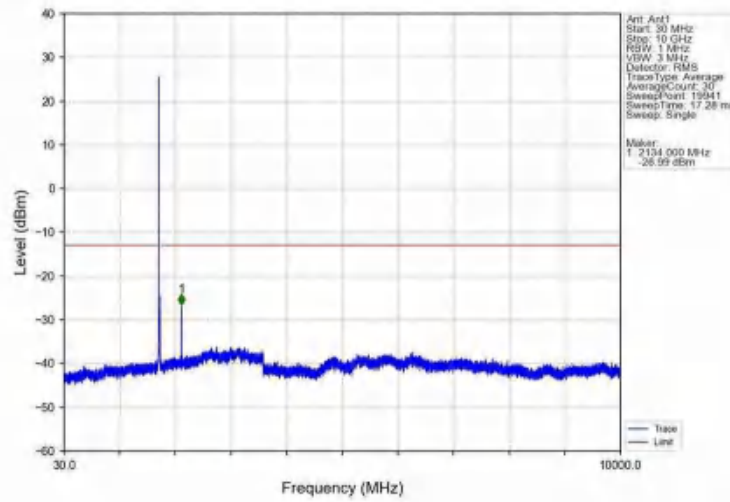
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



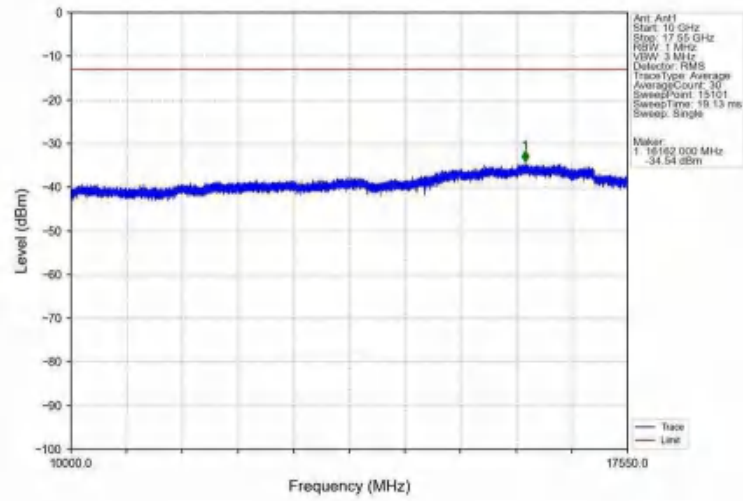
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



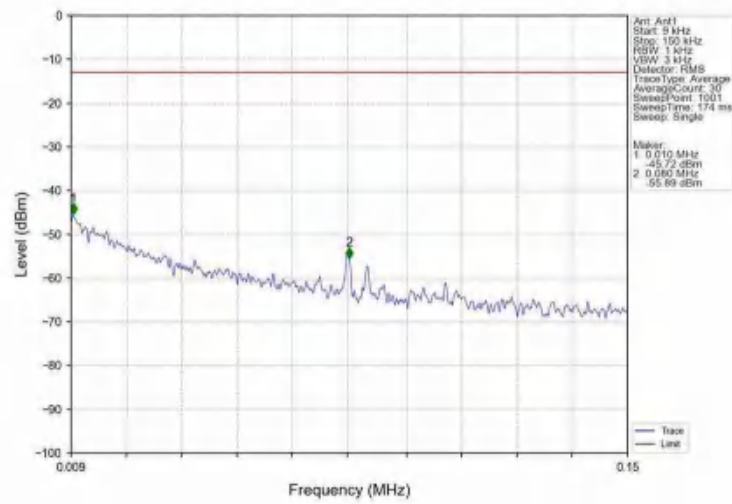
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



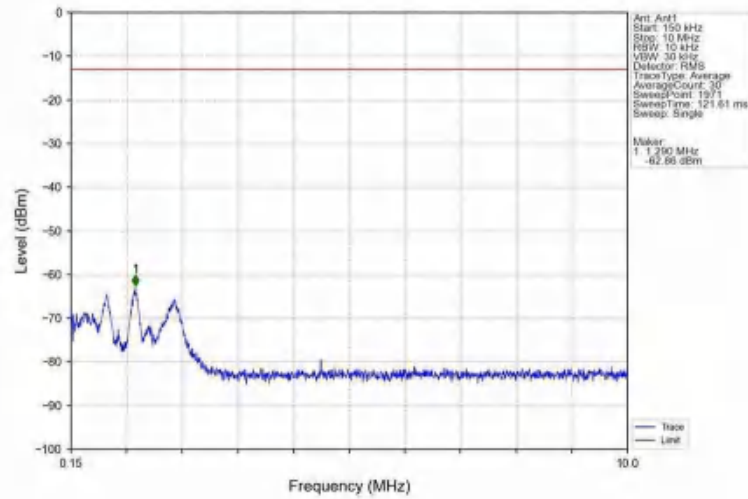
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



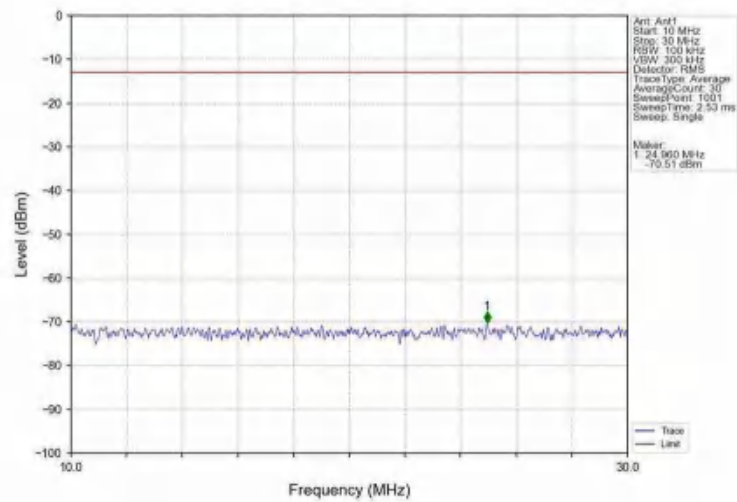
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



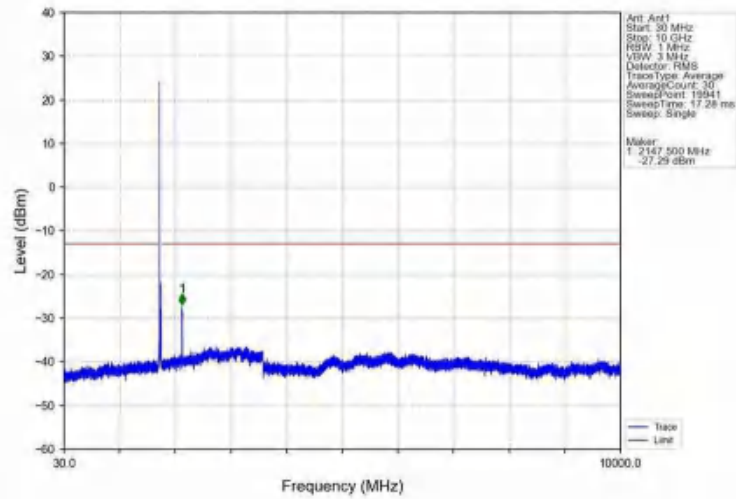
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



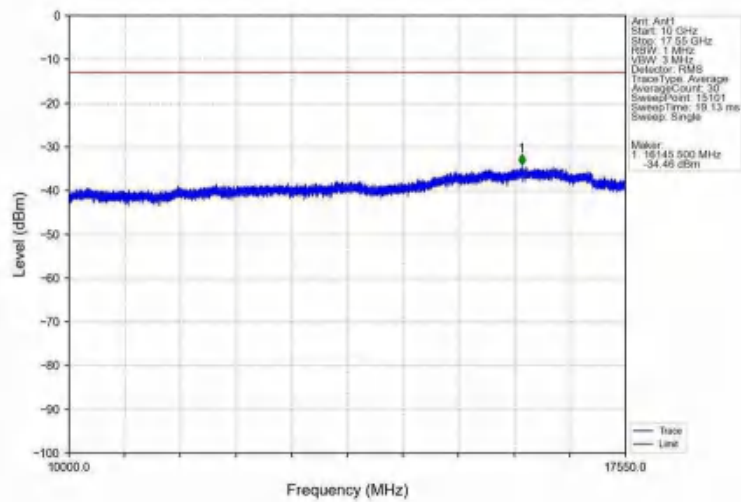
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



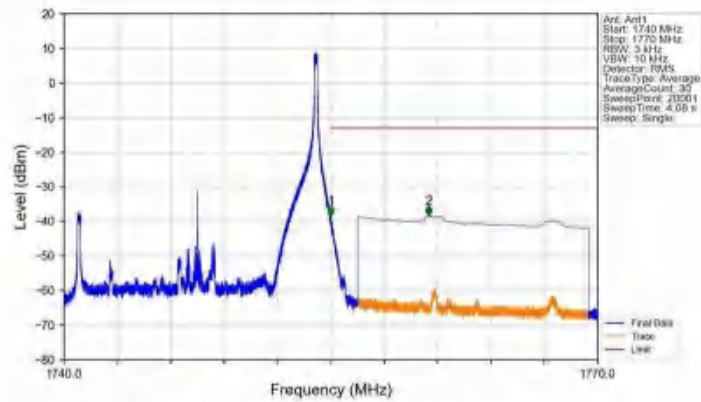
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV

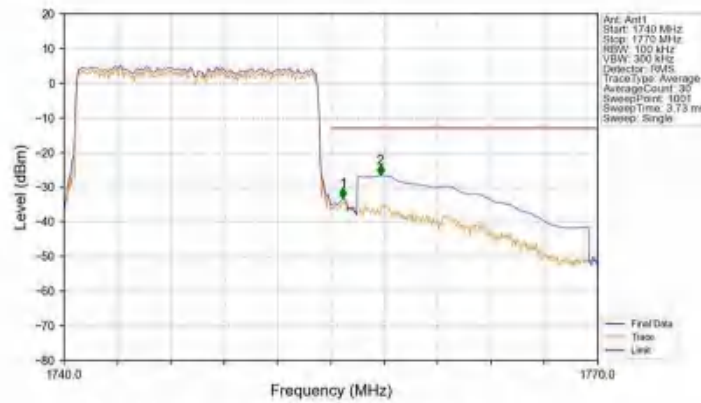


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



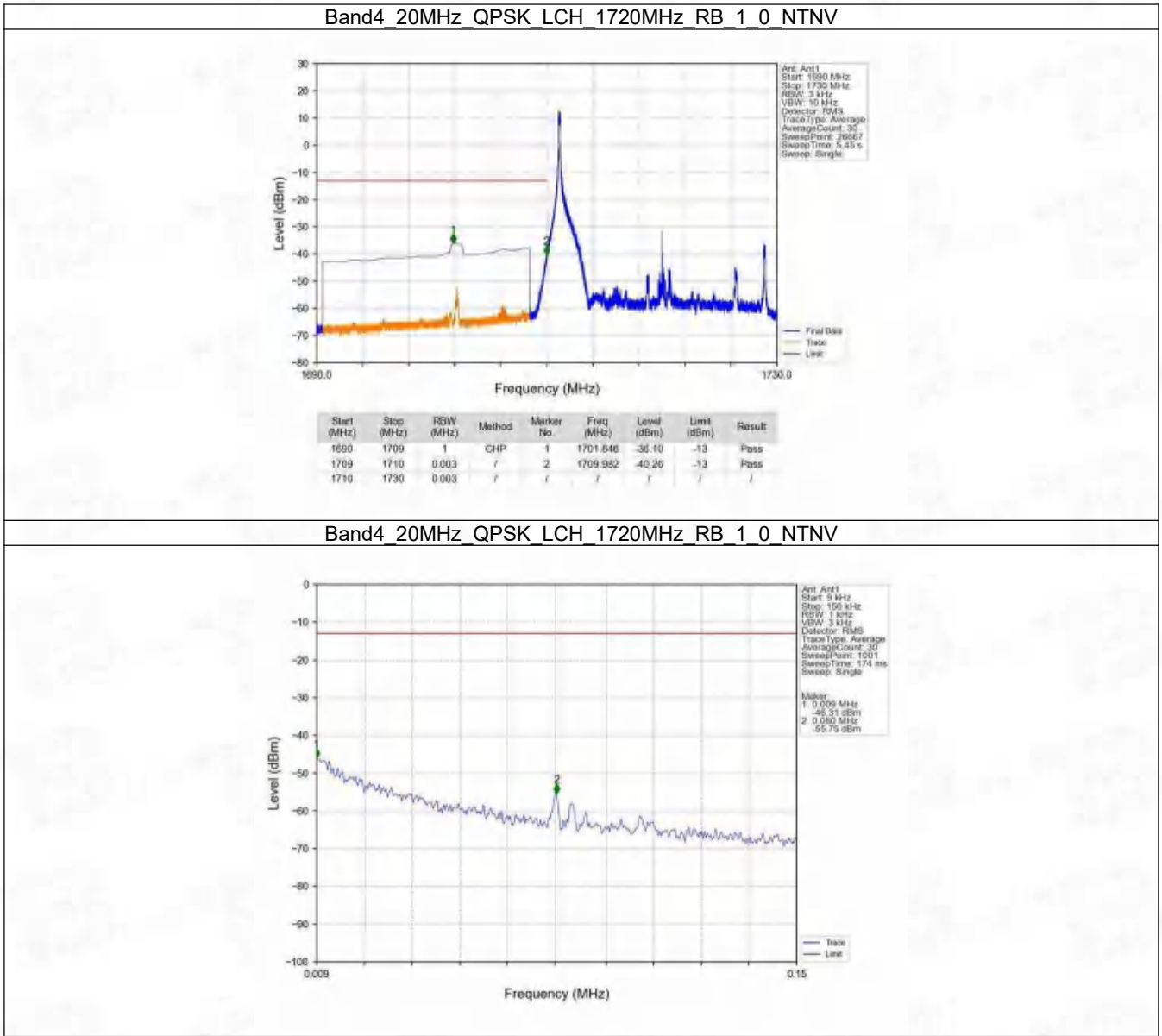
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	f	f	f	f	f	f
1755	1756	0.003	f	1	1755.006	-38.38	-13	Pass
1756	1770	1	CHP	2	1760.487	-38.50	-13	Pass

Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

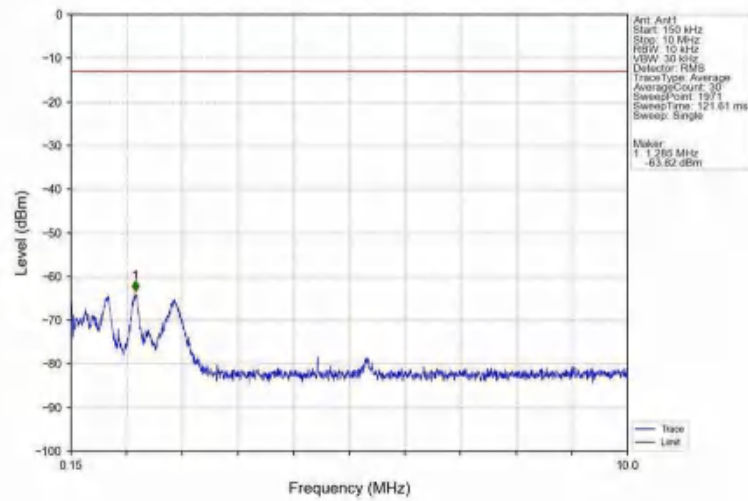


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.149	CHP	f	f	f	f	f
1755	1756	0.149	CHP	1	1756.660	-33.32	-13	Pass
1756	1770	1	CHP	2	1757.750	-26.86	-13	Pass

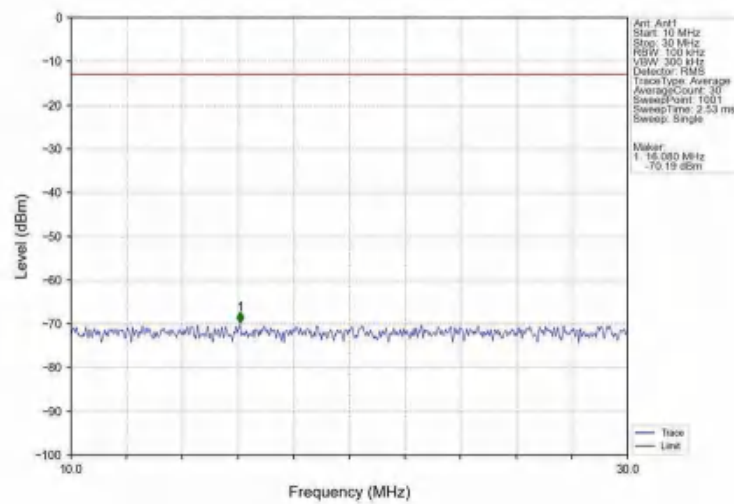
6.2.6 B4_20MHz



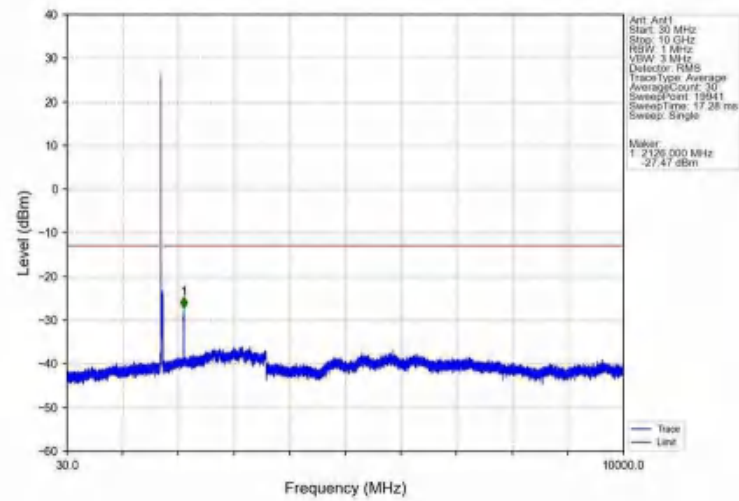
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



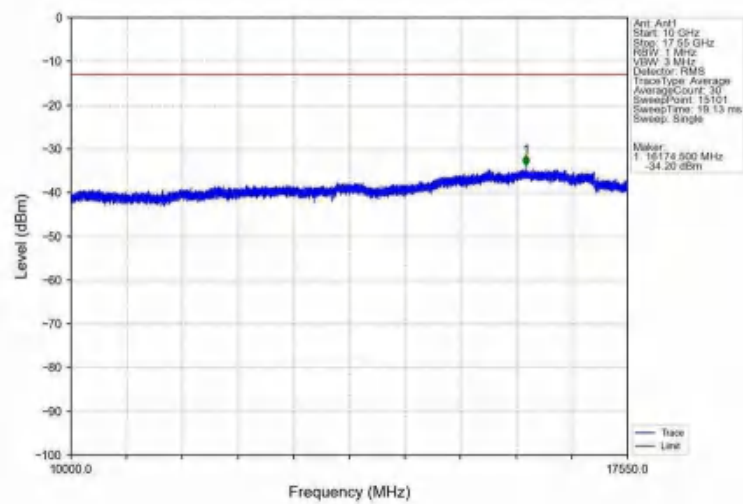
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



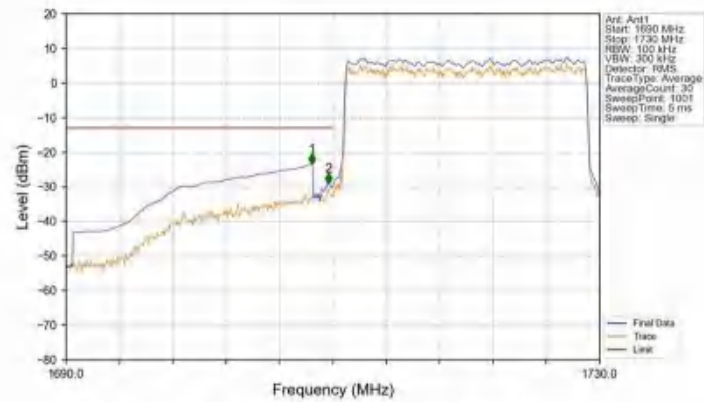
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

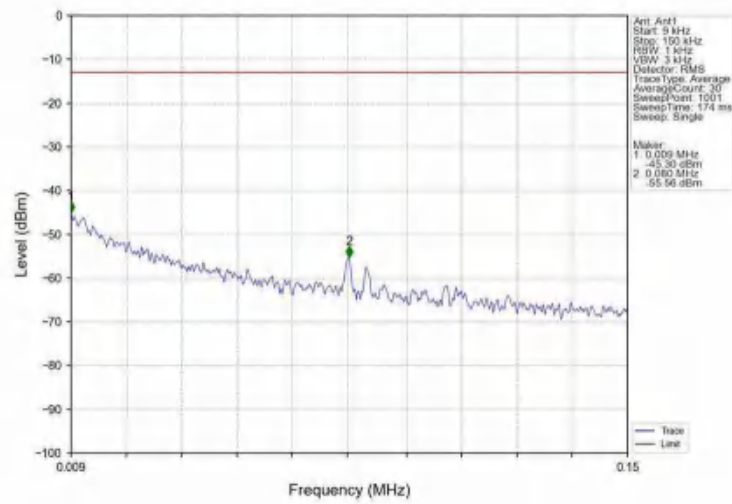


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

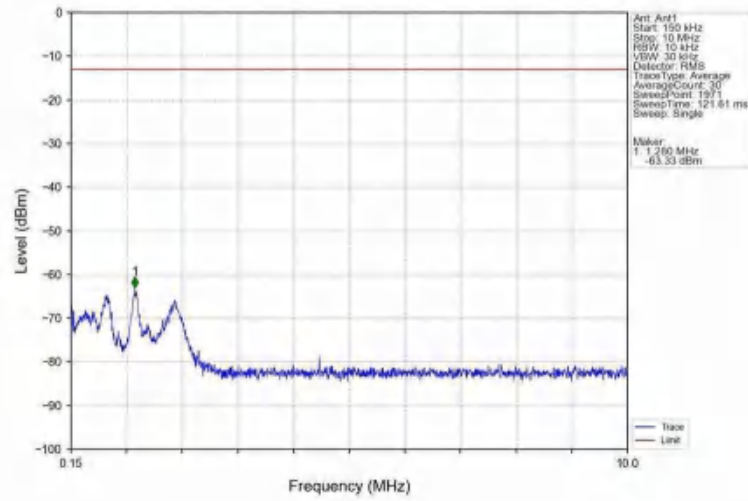


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.440	-23.47	-13	Pass
1709	1710	0.197	CHP	2	1709.680	-29.04	-13	Pass
1710	1730	0.197	CHP					

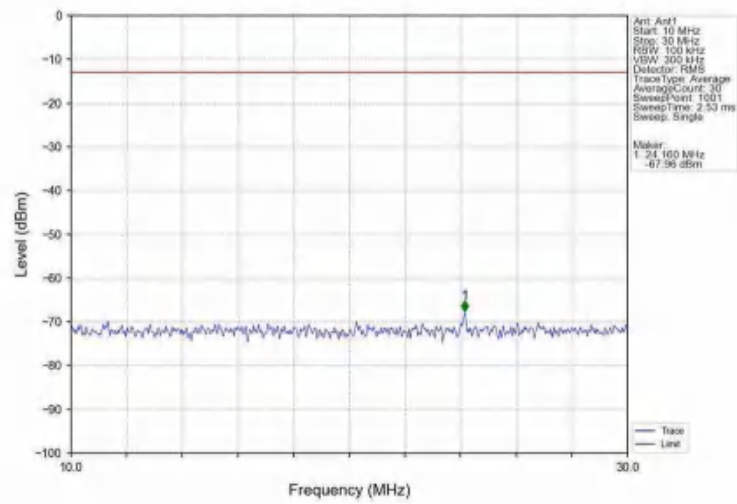
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



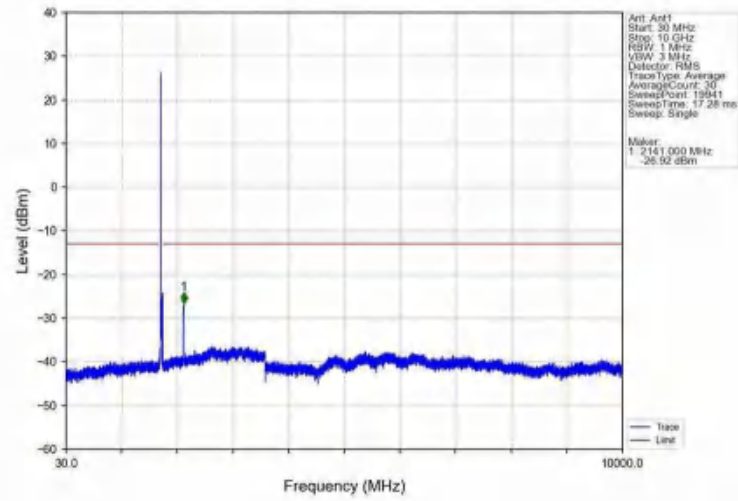
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



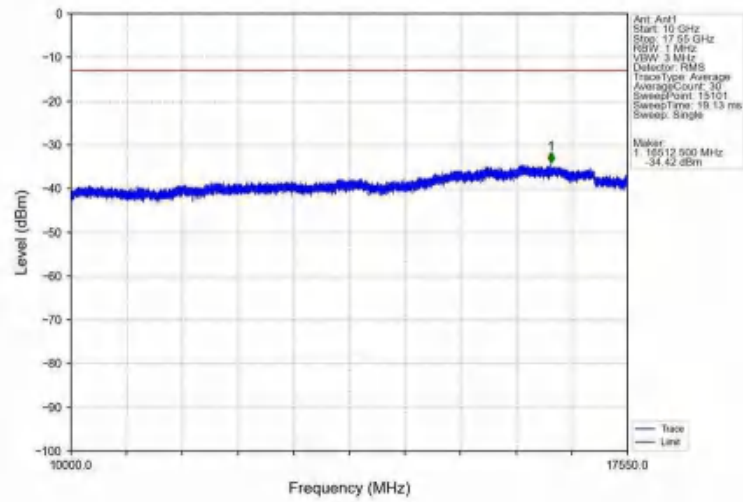
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



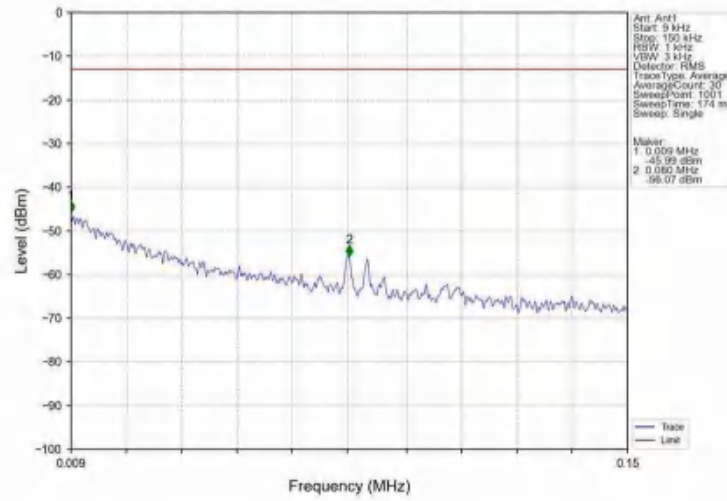
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



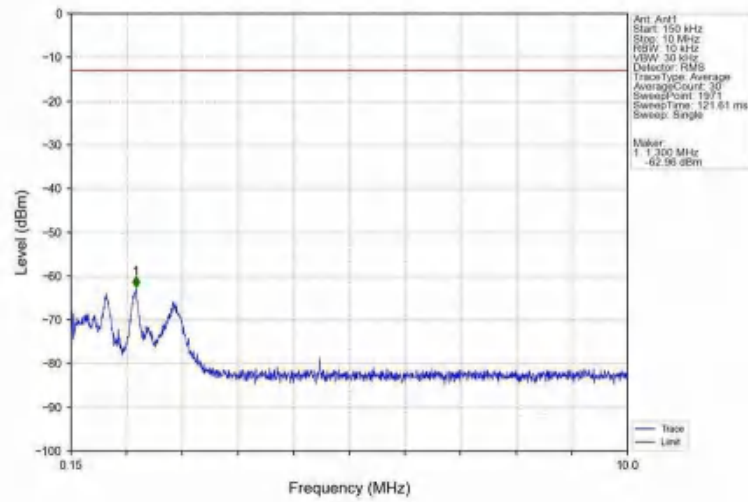
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



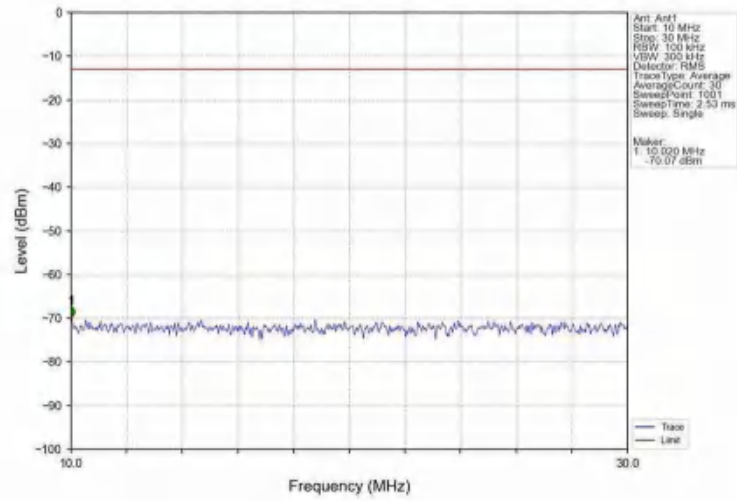
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



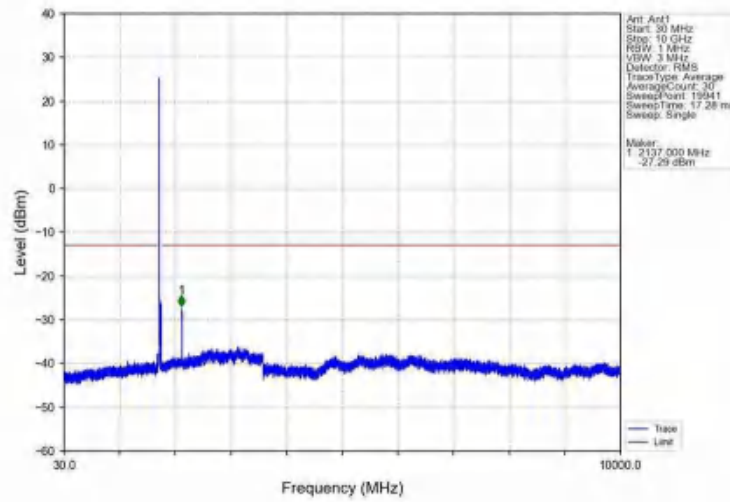
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



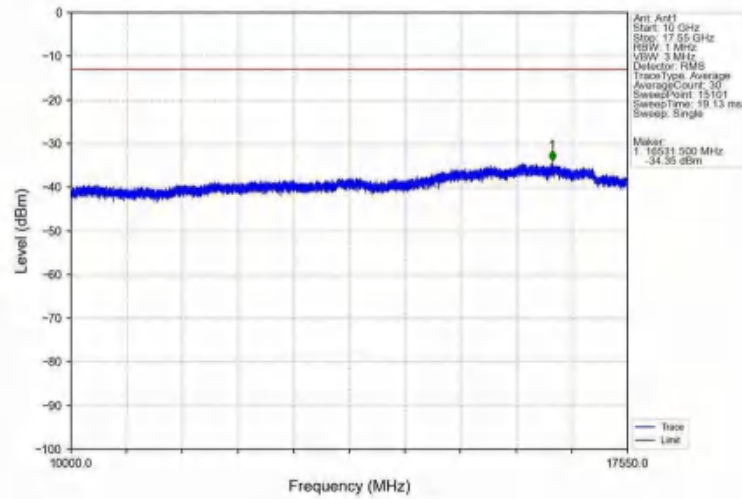
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



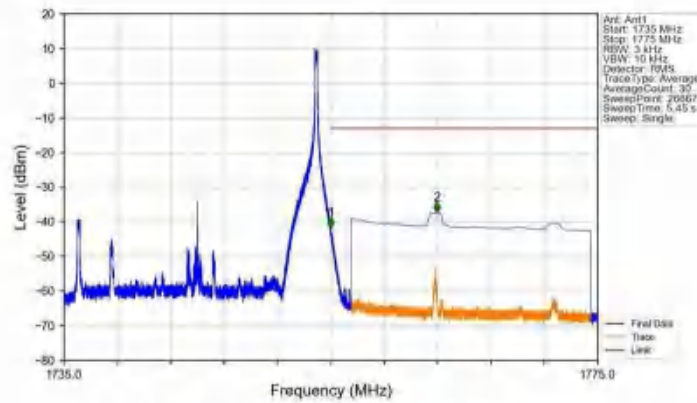
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



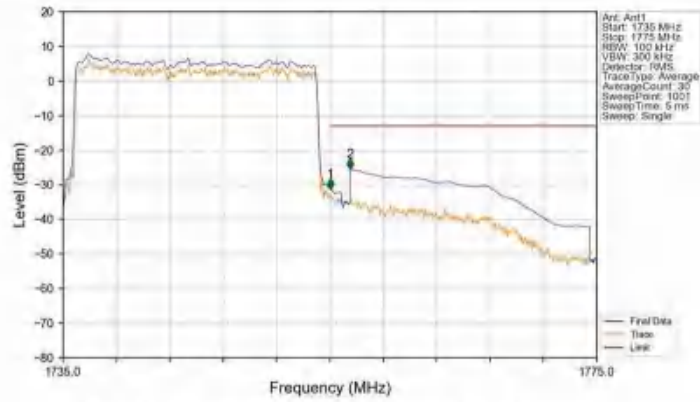
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV

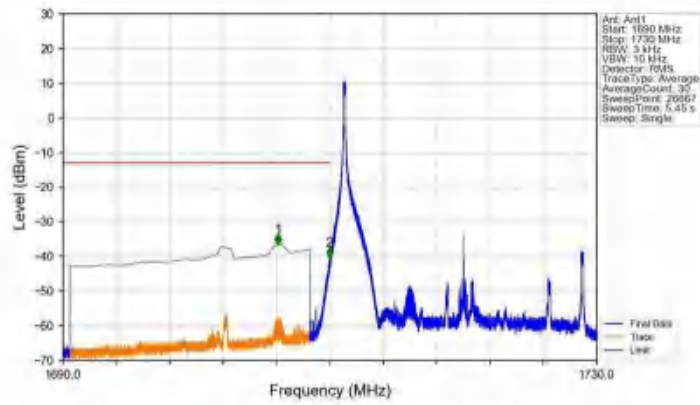


Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTV



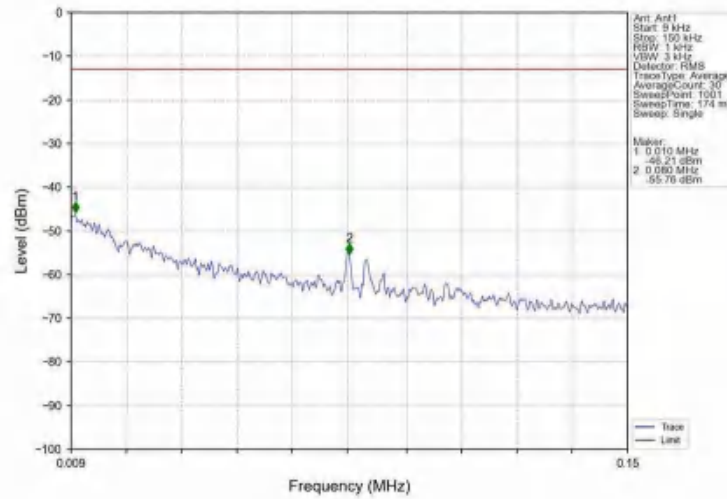
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.196	CHP	1	1755.040	-31.24	-13	Pass
1755	1756	0.196	CHP	2	1756.520	-25.55	-13	Pass

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTV

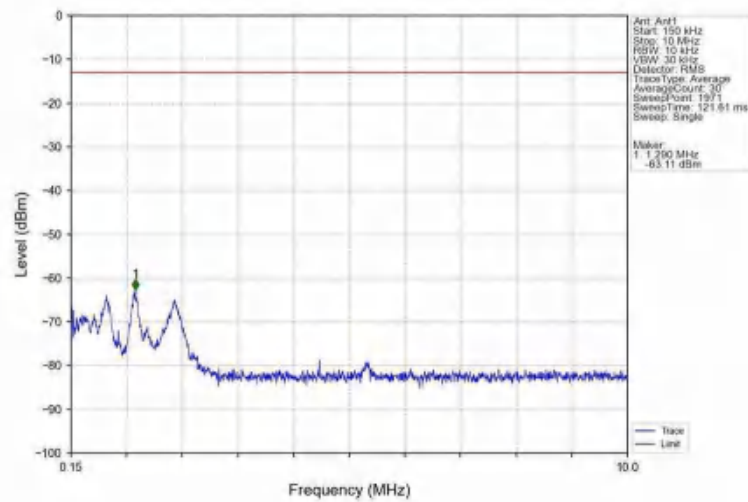


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1706.133	-36.64	-13	Pass
1709	1710	0.003	CHP	2	1709.985	-40.51	-13	Pass

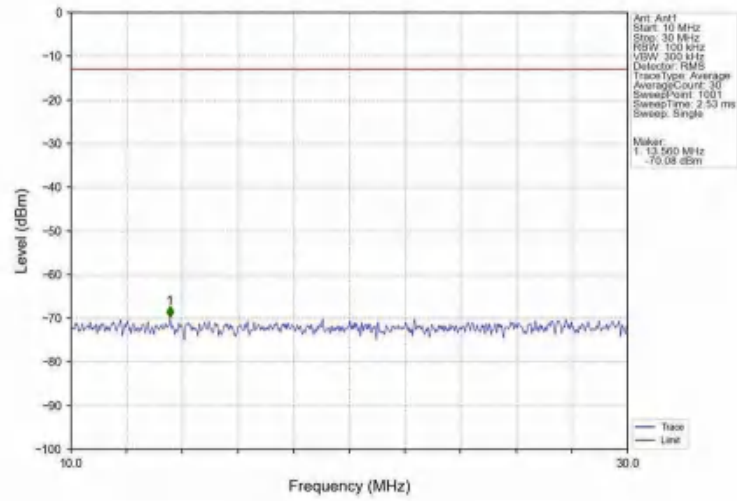
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



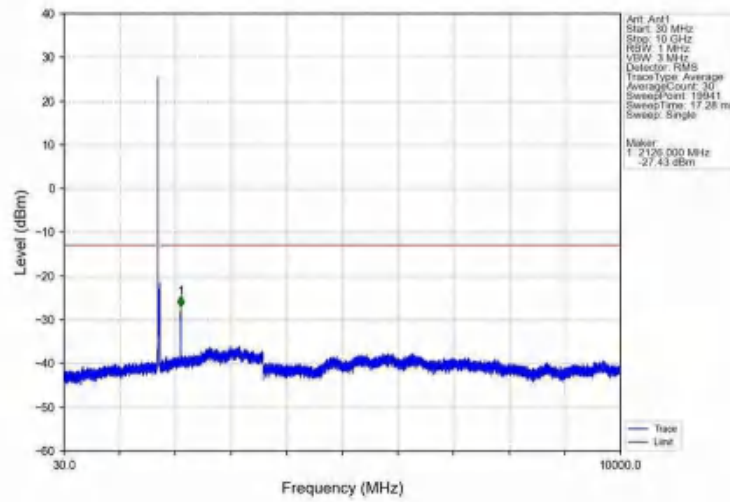
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



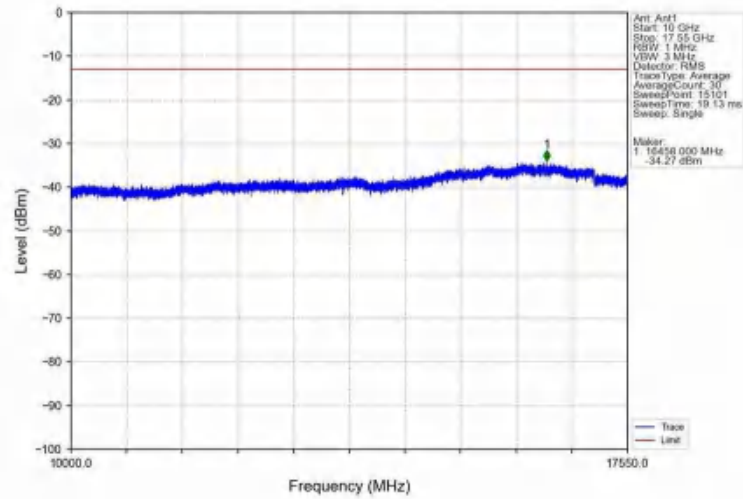
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



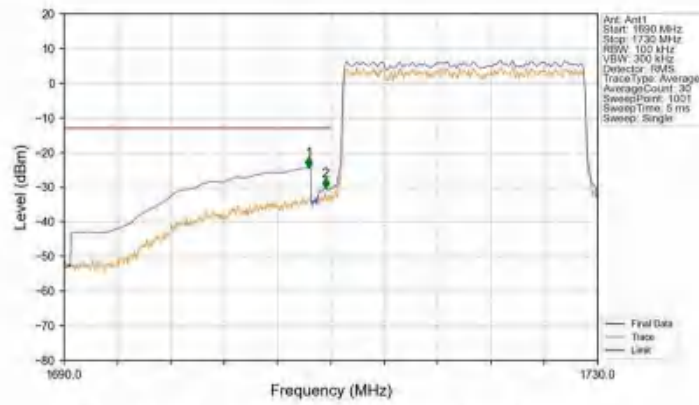
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

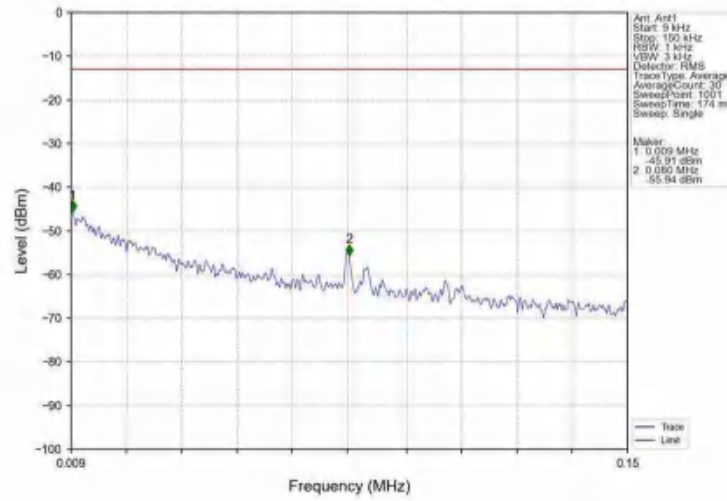


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

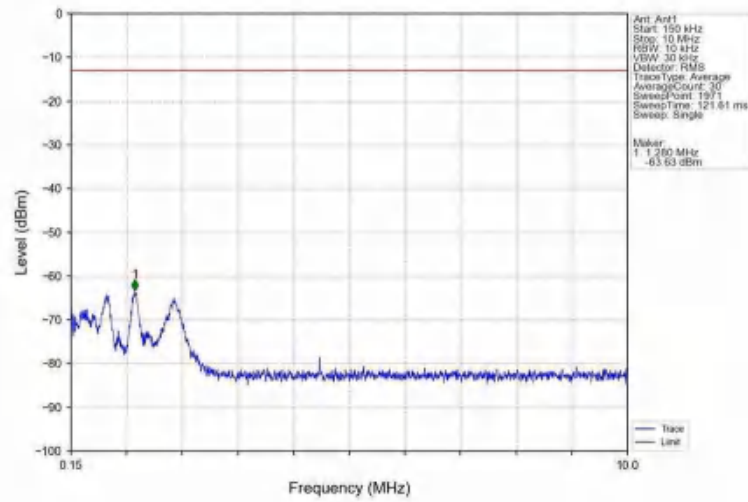


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.360	-24.40	-13	Pass
1709	1710	0.197	CHP	2	1709.600	-30.37	-13	Pass
1710	1730	0.197	CHP					

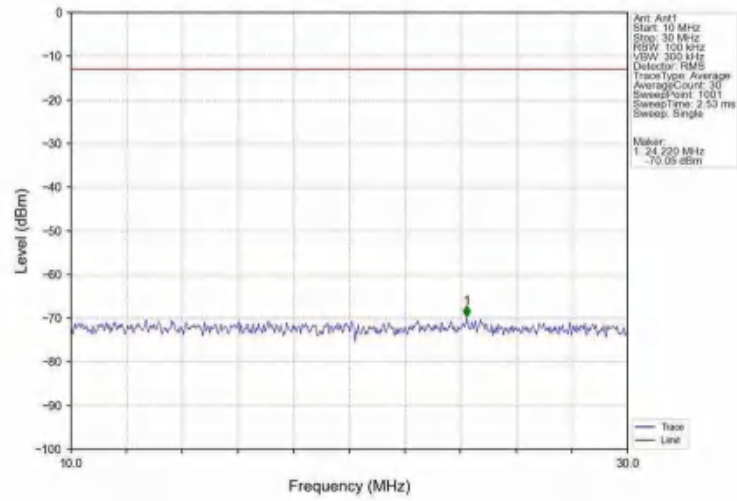
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



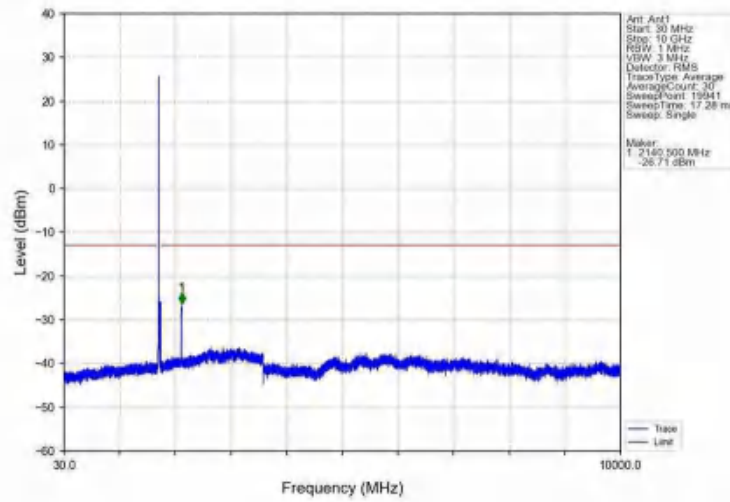
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



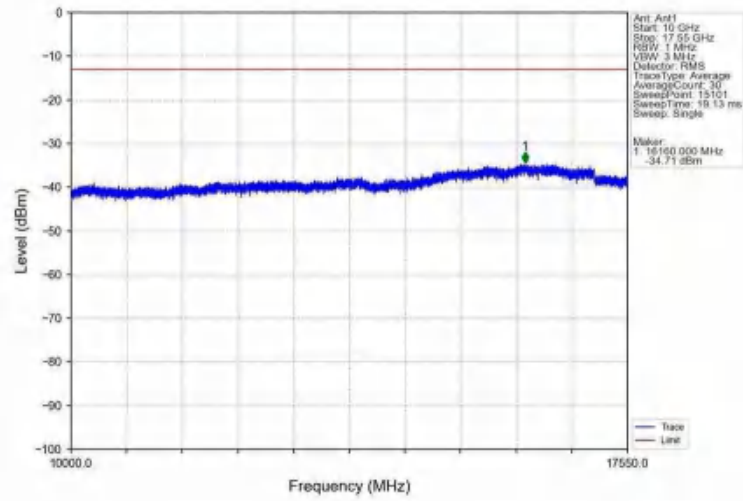
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



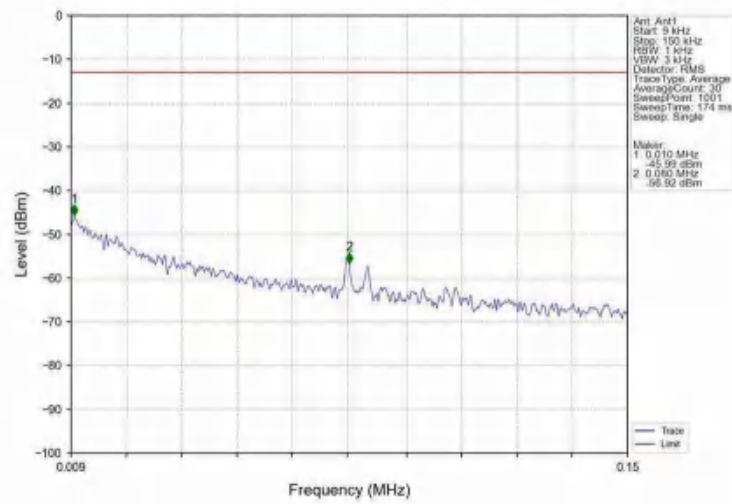
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



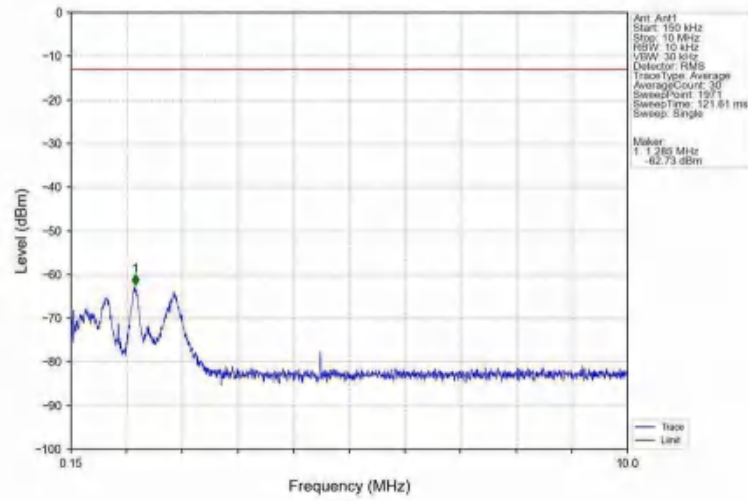
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



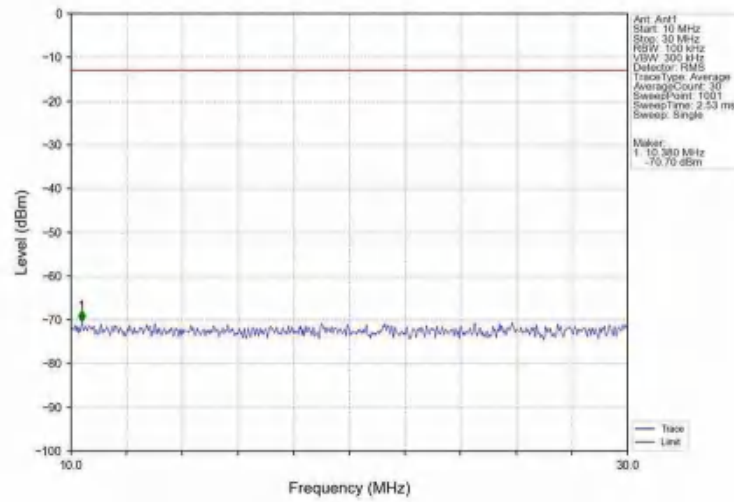
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



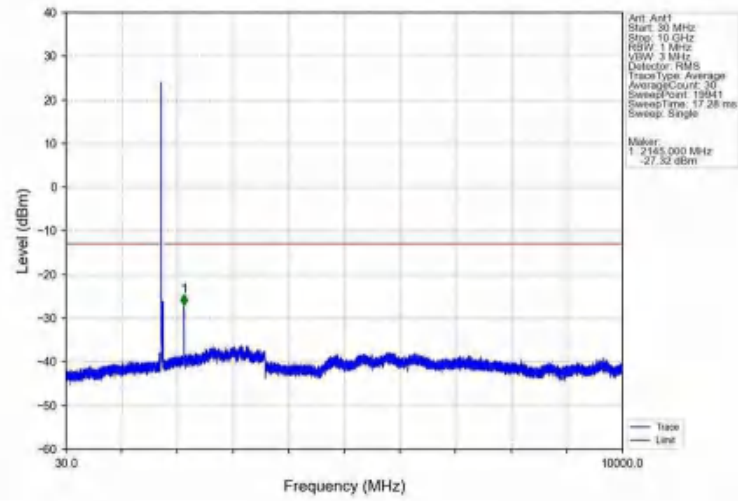
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



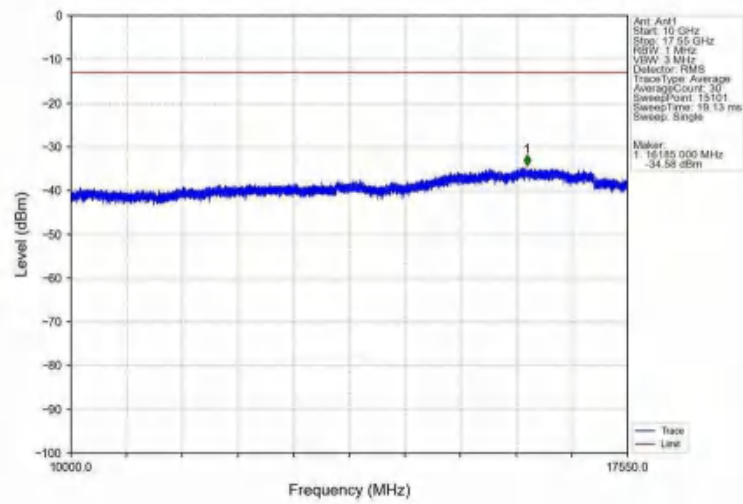
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



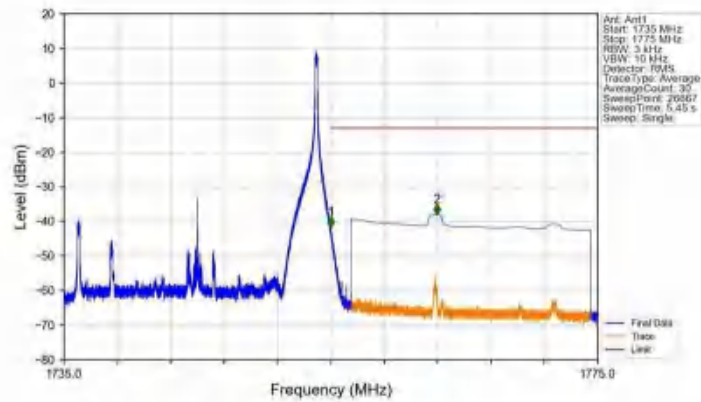
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

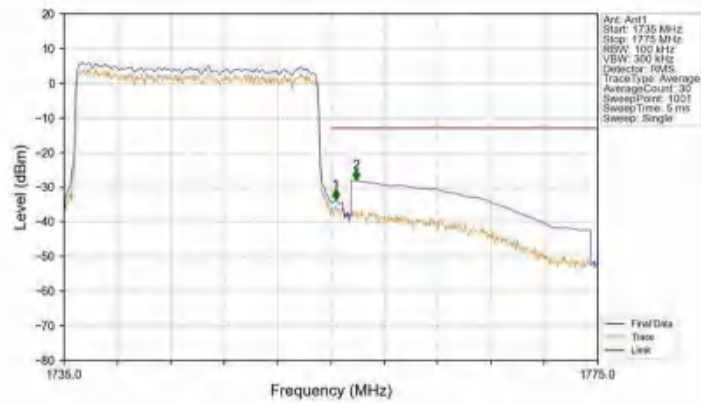


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	f	1	1755.020	-41.75	-13	Pass
1755	1756	0.003	f	2	1756.935	-37.99	-13	Pass

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.197	CHP	1	1755.360	-33.66	-13	Pass
1755	1756	0.197	CHP	2	1756.680	-28.11	-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)
4	1.4	1710.7	1754.3	0.6501	0.0096	ppm	1M12G7D	27L	28.13
4	1.4	1710.7	1754.3	0.5297	0.0062	ppm	1M11W7D	27L	27.24
4	3	1711.5	1753.5	0.6730	0.0056	ppm	2M73G7D	27L	28.28
4	3	1711.5	1753.5	0.5929	0.0071	ppm	2M72W7D	27L	27.73
4	5	1712.5	1752.5	0.6607	0.0053	ppm	4M54G7D	27L	28.20
4	5	1712.5	1752.5	0.5470	0.0067	ppm	4M56W7D	27L	27.38
4	10	1715	1750	0.6792	0.0069	ppm	9M06G7D	27L	28.32
4	10	1715	1750	0.5861	0.0053	ppm	9M06W7D	27L	27.68
4	15	1717.5	1747.5	0.6546	0.0045	ppm	13M6G7D	27L	28.16
4	15	1717.5	1747.5	0.5689	0.0052	ppm	13M6W7D	27L	27.55
4	20	1720	1745	0.6761	0.0059	ppm	18M2G7D	27L	28.30
4	20	1720	1745	0.5984	0.0048	ppm	18M2W7D	27L	27.77

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.7551	0.0096	ppm	1M12G7D	27L	28.78
4	1.4	1710.7	1754.3	0.6152	0.0062	ppm	1M11W7D	27L	27.89
4	3	1711.5	1753.5	0.7816	0.0056	ppm	2M73G7D	27L	28.93
4	3	1711.5	1753.5	0.6887	0.0071	ppm	2M72W7D	27L	28.38
4	5	1712.5	1752.5	0.7674	0.0053	ppm	4M54G7D	27L	28.85
4	5	1712.5	1752.5	0.6353	0.0067	ppm	4M56W7D	27L	28.03
4	10	1715	1750	0.7889	0.0069	ppm	9M06G7D	27L	28.97
4	10	1715	1750	0.6808	0.0053	ppm	9M06W7D	27L	28.33
4	15	1717.5	1747.5	0.7603	0.0045	ppm	13M6G7D	27L	28.81
4	15	1717.5	1747.5	0.6607	0.0052	ppm	13M6W7D	27L	28.20
4	20	1720	1745	0.7852	0.0059	ppm	18M2G7D	27L	28.95
4	20	1720	1745	0.6950	0.0048	ppm	18M2W7D	27L	28.42