

1. Effective (Isotropic) Radiated Power Output Data

1.1 B4_1.4MHz_EIRP

1.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTN/V										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1710.7	1	0	22.91	-1.75	21.16	<=30	Pass		
			2	23.04	-1.75	21.29	<=30	Pass		
			5	22.92	-1.75	21.17	<=30	Pass		
		3	0	22.93	-1.75	21.18	<=30	Pass		
			2	22.99	-1.75	21.24	<=30	Pass		
			3	22.95	-1.75	21.20	<=30	Pass		
		6	0	21.95	-1.75	20.20	<=30	Pass		
		1732.5	1	0	22.95	-1.75	21.20	<=30	Pass	
				2	23.09	-1.75	21.34	<=30	Pass	
	5			22.96	-1.75	21.21	<=30	Pass		
	3		0	23.06	-1.75	21.31	<=30	Pass		
			2	23.06	-1.75	21.31	<=30	Pass		
			3	23.01	-1.75	21.26	<=30	Pass		
	6	0	22.00	-1.75	20.25	<=30	Pass			
	1754.3	1	0	22.91	-1.75	21.16	<=30	Pass		
			2	23.07	-1.75	21.32	<=30	Pass		
			5	22.95	-1.75	21.20	<=30	Pass		
		3	0	23.03	-1.75	21.28	<=30	Pass		
			2	23.08	-1.75	21.33	<=30	Pass		
			3	23.03	-1.75	21.28	<=30	Pass		
		6	0	22.04	-1.75	20.29	<=30	Pass		
		16QAM	1710.7	1	0	21.87	-1.75	20.12	<=30	Pass
					2	21.99	-1.75	20.24	<=30	Pass
	5				21.91	-1.75	20.16	<=30	Pass	
3	0			21.97	-1.75	20.22	<=30	Pass		
	2			21.99	-1.75	20.24	<=30	Pass		
	3			21.95	-1.75	20.20	<=30	Pass		
6	0			20.86	-1.75	19.11	<=30	Pass		
1732.5	1			0	21.96	-1.75	20.21	<=30	Pass	
				2	22.04	-1.75	20.29	<=30	Pass	
			5	21.96	-1.75	20.21	<=30	Pass		
	3		0	22.02	-1.75	20.27	<=30	Pass		
			2	22.05	-1.75	20.30	<=30	Pass		
			3	22.01	-1.75	20.26	<=30	Pass		
6	0		20.93	-1.75	19.18	<=30	Pass			
1754.3	1		0	22.07	-1.75	20.32	<=30	Pass		
			2	22.21	-1.75	20.46	<=30	Pass		
			5	22.08	-1.75	20.33	<=30	Pass		
	3		0	21.98	-1.75	20.23	<=30	Pass		
			2	21.99	-1.75	20.24	<=30	Pass		
			3	22.00	-1.75	20.25	<=30	Pass		
	6		0	21.04	-1.75	19.29	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B4_3MHz_EIRP

1.2.1 Test Result

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	22.99	-1.75	21.24	<=30	Pass		
			7	23.08	-1.75	21.33	<=30	Pass		
			14	22.97	-1.75	21.22	<=30	Pass		
		8	0	21.89	-1.75	20.14	<=30	Pass		
			4	21.93	-1.75	20.18	<=30	Pass		
			7	21.88	-1.75	20.13	<=30	Pass		
		15	0	21.88	-1.75	20.13	<=30	Pass		
		1732.5	1	0	22.94	-1.75	21.19	<=30	Pass	
				7	23.05	-1.75	21.30	<=30	Pass	
	14			22.94	-1.75	21.19	<=30	Pass		
	8		0	21.96	-1.75	20.21	<=30	Pass		
			4	21.94	-1.75	20.19	<=30	Pass		
			7	21.72	-1.75	19.97	<=30	Pass		
	15		0	21.67	-1.75	19.92	<=30	Pass		
	1753.5		1	0	22.67	-1.75	20.92	<=30	Pass	
				7	22.55	-1.75	20.80	<=30	Pass	
		14		22.42	-1.75	20.67	<=30	Pass		
		8	0	21.44	-1.75	19.69	<=30	Pass		
			4	21.69	-1.75	19.94	<=30	Pass		
			7	21.62	-1.75	19.87	<=30	Pass		
		15	0	21.57	-1.75	19.82	<=30	Pass		
		16QAM	1711.5	1	0	21.92	-1.75	20.17	<=30	Pass
					7	22.04	-1.75	20.29	<=30	Pass
	14				21.90	-1.75	20.15	<=30	Pass	
8	0			20.94	-1.75	19.19	<=30	Pass		
	4			20.98	-1.75	19.23	<=30	Pass		
	7			20.92	-1.75	19.17	<=30	Pass		
15	0			20.89	-1.75	19.14	<=30	Pass		
1732.5	1			0	21.70	-1.75	19.95	<=30	Pass	
				7	21.76	-1.75	20.01	<=30	Pass	
			14	21.62	-1.75	19.87	<=30	Pass		
	8		0	20.65	-1.75	18.90	<=30	Pass		
			4	20.66	-1.75	18.91	<=30	Pass		
			7	20.60	-1.75	18.85	<=30	Pass		
	15		0	20.64	-1.75	18.89	<=30	Pass		
	1753.5		1	0	21.90	-1.75	20.15	<=30	Pass	
				7	22.04	-1.75	20.29	<=30	Pass	
14				21.94	-1.75	20.19	<=30	Pass		
8			0	20.55	-1.75	18.80	<=30	Pass		
			4	20.63	-1.75	18.88	<=30	Pass		
			7	20.60	-1.75	18.85	<=30	Pass		
15			0	20.45	-1.75	18.70	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B4_5MHz_EIRP

1.3.1 Test Result

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	22.84	-1.75	21.09	<=30	Pass
			13	22.95	-1.75	21.20	<=30	Pass
			24	22.85	-1.75	21.10	<=30	Pass

		12	0	21.84	-1.75	20.09	<=30	Pass	
			6	21.90	-1.75	20.15	<=30	Pass	
			13	21.88	-1.75	20.13	<=30	Pass	
		25	0	21.83	-1.75	20.08	<=30	Pass	
			1	0	22.35	-1.75	20.60	<=30	Pass
				13	22.45	-1.75	20.70	<=30	Pass
		24		22.36	-1.75	20.61	<=30	Pass	
		12	0	21.42	-1.75	19.67	<=30	Pass	
			6	21.50	-1.75	19.75	<=30	Pass	
	13		21.40	-1.75	19.65	<=30	Pass		
	25	0	21.40	-1.75	19.65	<=30	Pass		
		1752.5	1	0	22.29	-1.75	20.54	<=30	Pass
				13	22.45	-1.75	20.70	<=30	Pass
	24			22.38	-1.75	20.63	<=30	Pass	
	12	6	0	21.35	-1.75	19.60	<=30	Pass	
			6	21.44	-1.75	19.69	<=30	Pass	
			13	21.45	-1.75	19.70	<=30	Pass	
	25	0	21.40	-1.75	19.65	<=30	Pass		
		1712.5	1	0	21.48	-1.75	19.73	<=30	Pass
				13	21.52	-1.75	19.77	<=30	Pass
	24			21.42	-1.75	19.67	<=30	Pass	
	12	6	0	20.32	-1.75	18.57	<=30	Pass	
			6	20.43	-1.75	18.68	<=30	Pass	
			13	20.33	-1.75	18.58	<=30	Pass	
25	0	20.37	-1.75	18.62	<=30	Pass			
	1732.5	1	0	21.60	-1.75	19.85	<=30	Pass	
			13	21.72	-1.75	19.97	<=30	Pass	
24			21.60	-1.75	19.85	<=30	Pass		
12	6	0	20.44	-1.75	18.69	<=30	Pass		
		6	20.50	-1.75	18.75	<=30	Pass		
		13	20.44	-1.75	18.69	<=30	Pass		
25	0	20.38	-1.75	18.63	<=30	Pass			
	1752.5	1	0	21.18	-1.75	19.43	<=30	Pass	
			13	21.27	-1.75	19.52	<=30	Pass	
24			21.23	-1.75	19.48	<=30	Pass		
12	6	0	20.34	-1.75	18.59	<=30	Pass		
		6	20.43	-1.75	18.68	<=30	Pass		
		13	20.43	-1.75	18.68	<=30	Pass		
25	0	20.41	-1.75	18.66	<=30	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B4_10MHz_EIRP

1.4.1 Test Result

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	22.92	-1.75	21.17	<=30	Pass
			25	22.87	-1.75	21.12	<=30	Pass
			49	22.50	-1.75	20.75	<=30	Pass
		25	0	21.40	-1.75	19.65	<=30	Pass
			13	21.55	-1.75	19.80	<=30	Pass
			25	21.53	-1.75	19.78	<=30	Pass
	50	0	21.46	-1.75	19.71	<=30	Pass	
	1732.5	1	0	22.40	-1.75	20.65	<=30	Pass
			25	22.57	-1.75	20.82	<=30	Pass

		25	49	22.41	-1.75	20.66	<=30	Pass				
			0	21.50	-1.75	19.75	<=30	Pass				
			13	21.47	-1.75	19.72	<=30	Pass				
			25	21.47	-1.75	19.72	<=30	Pass				
			50	21.49	-1.75	19.74	<=30	Pass				
	1750	1	25	0	22.32	-1.75	20.57	<=30	Pass			
				25	22.56	-1.75	20.81	<=30	Pass			
				49	22.39	-1.75	20.64	<=30	Pass			
				0	21.38	-1.75	19.63	<=30	Pass			
				13	21.41	-1.75	19.66	<=30	Pass			
		25	50	25	21.49	-1.75	19.74	<=30	Pass			
				0	21.41	-1.75	19.66	<=30	Pass			
				1715	1	25	0	21.40	-1.75	19.65	<=30	Pass
							25	21.62	-1.75	19.87	<=30	Pass
							49	21.41	-1.75	19.66	<=30	Pass
	25	50	0	20.49	-1.75	18.74	<=30	Pass				
			13	20.51	-1.75	18.76	<=30	Pass				
			25	20.62	-1.75	18.87	<=30	Pass				
16QAM	1732.5	1	0	21.56	-1.75	19.81	<=30	Pass				
			25	21.76	-1.75	20.01	<=30	Pass				
			49	21.55	-1.75	19.80	<=30	Pass				
		25	50	0	20.50	-1.75	18.75	<=30	Pass			
				13	20.45	-1.75	18.70	<=30	Pass			
				25	20.49	-1.75	18.74	<=30	Pass			
	1750	1	25	0	20.46	-1.75	18.71	<=30	Pass			
				0	21.83	-1.75	20.08	<=30	Pass			
				25	22.05	-1.75	20.30	<=30	Pass			
25		50	49	21.89	-1.75	20.14	<=30	Pass				
			0	20.43	-1.75	18.68	<=30	Pass				
			13	20.46	-1.75	18.71	<=30	Pass				
			25	20.54	-1.75	18.79	<=30	Pass				
			50	20.45	-1.75	18.70	<=30	Pass				

Note1: EIRP=Conducted Power+Antenna Gain

1.5 B4_15MHz_EIRP

1.5.1 Test Result

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	22.70	-1.75	20.95	<=30	Pass		
			38	22.44	-1.75	20.69	<=30	Pass		
			74	22.36	-1.75	20.61	<=30	Pass		
		36	75	0	21.45	-1.75	19.70	<=30	Pass	
				18	21.51	-1.75	19.76	<=30	Pass	
				39	21.47	-1.75	19.72	<=30	Pass	
		1732.5	1	75	0	21.49	-1.75	19.74	<=30	Pass
					0	22.33	-1.75	20.58	<=30	Pass
					38	22.43	-1.75	20.68	<=30	Pass
	36		75	74	22.28	-1.75	20.53	<=30	Pass	
				0	21.46	-1.75	19.71	<=30	Pass	
				18	21.49	-1.75	19.74	<=30	Pass	
				39	21.48	-1.75	19.73	<=30	Pass	
				75	21.47	-1.75	19.72	<=30	Pass	
	1747.5	1	0	22.27	-1.75	20.52	<=30	Pass		

16QAM	1717.5	36	38	22.35	-1.75	20.60	<=30	Pass		
			74	22.32	-1.75	20.57	<=30	Pass		
			0	21.43	-1.75	19.68	<=30	Pass		
		75	18	21.44	-1.75	19.69	<=30	Pass		
				39	21.42	-1.75	19.67	<=30	Pass	
				0	21.43	-1.75	19.68	<=30	Pass	
		1732.5	1	0	21.61	-1.75	19.86	<=30	Pass	
					38	21.74	-1.75	19.99	<=30	Pass
					74	21.65	-1.75	19.90	<=30	Pass
	36		0	20.41	-1.75	18.66	<=30	Pass		
				18	20.45	-1.75	18.70	<=30	Pass	
				39	20.42	-1.75	18.67	<=30	Pass	
	75		0	20.43	-1.75	18.68	<=30	Pass		
				1	0	21.50	-1.75	19.75	<=30	Pass
						38	21.61	-1.75	19.86	<=30
	74	21.47	-1.75			19.72	<=30	Pass		
	1747.5	36	0	20.47	-1.75	18.72	<=30	Pass		
				18	20.45	-1.75	18.70	<=30	Pass	
				39	20.49	-1.75	18.74	<=30	Pass	
		75	0	20.45	-1.75	18.70	<=30	Pass		
				1	0	21.85	-1.75	20.10	<=30	Pass
						38	21.96	-1.75	20.21	<=30
		74	21.85			-1.75	20.10	<=30	Pass	
		36	0	20.40	-1.75	18.65	<=30	Pass		
				18	20.41	-1.75	18.66	<=30	Pass	
	39			20.46	-1.75	18.71	<=30	Pass		
	75	0	20.43	-1.75	18.68	<=30	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B4_20MHz_EIRP

1.6.1 Test Result

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	22.16	-1.75	20.41	<=30	Pass		
			50	22.54	-1.75	20.79	<=30	Pass		
			99	22.17	-1.75	20.42	<=30	Pass		
		50	0	21.38	-1.75	19.63	<=30	Pass		
				25	21.41	-1.75	19.66	<=30	Pass	
				50	21.38	-1.75	19.63	<=30	Pass	
		100	0	21.40	-1.75	19.65	<=30	Pass		
				1	0	22.20	-1.75	20.45	<=30	Pass
						50	22.57	-1.75	20.82	<=30
	99	22.22	-1.75			20.47	<=30	Pass		
	1732.5	50	0	21.45	-1.75	19.70	<=30	Pass		
				25	21.44	-1.75	19.69	<=30	Pass	
				50	21.38	-1.75	19.63	<=30	Pass	
		100	0	21.46	-1.75	19.71	<=30	Pass		
				1	0	22.12	-1.75	20.37	<=30	Pass
						50	22.50	-1.75	20.75	<=30
		99	22.18			-1.75	20.43	<=30	Pass	
		1745	50	0	21.37	-1.75	19.62	<=30	Pass	
					25	21.39	-1.75	19.64	<=30	Pass
	50				21.44	-1.75	19.69	<=30	Pass	
	100		0	21.42	-1.75	19.67	<=30	Pass		

16QAM	1720	1	0	21.64	-1.75	19.89	<=30	Pass	
			50	22.02	-1.75	20.27	<=30	Pass	
			99	21.71	-1.75	19.96	<=30	Pass	
		50	0	20.38	-1.75	18.63	<=30	Pass	
			25	20.43	-1.75	18.68	<=30	Pass	
			50	20.36	-1.75	18.61	<=30	Pass	
		100	0	20.41	-1.75	18.66	<=30	Pass	
		1732.5	1	0	21.36	-1.75	19.61	<=30	Pass
				50	21.72	-1.75	19.97	<=30	Pass
	99			21.38	-1.75	19.63	<=30	Pass	
	50		0	20.48	-1.75	18.73	<=30	Pass	
			25	20.42	-1.75	18.67	<=30	Pass	
			50	20.40	-1.75	18.65	<=30	Pass	
	100		0	20.47	-1.75	18.72	<=30	Pass	
	1745		1	0	21.43	-1.75	19.68	<=30	Pass
				50	21.78	-1.75	20.03	<=30	Pass
		99		21.46	-1.75	19.71	<=30	Pass	
		50	0	20.42	-1.75	18.67	<=30	Pass	
			25	20.42	-1.75	18.67	<=30	Pass	
			50	20.42	-1.75	18.67	<=30	Pass	
		100	0	20.47	-1.75	18.72	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B4_1.4MHz

2.1.1 Test Result

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	-4.578	-0.0027	-2.5 to 2.5	Pass	
					3.85	-5.894	-0.0034	-2.5 to 2.5	Pass	
					4.43	-2.174	-0.0013	-2.5 to 2.5	Pass	
				-30	3.85	-6.037	-0.0035	-2.5 to 2.5	Pass	
					-20	3.85	5.765	0.0034	-2.5 to 2.5	Pass
					-10	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass
				0	3.85	5.722	0.0033	-2.5 to 2.5	Pass	
					10	3.85	7.138	0.0042	-2.5 to 2.5	Pass
					30	3.85	-0.272	-0.0002	-2.5 to 2.5	Pass
				40	3.85	2.103	0.0012	-2.5 to 2.5	Pass	
					50	3.85	-10.757	-0.0063	-2.5 to 2.5	Pass
					20	3.27	-5.865	-0.0034	-2.5 to 2.5	Pass
	3.85	-7.682	-0.0044	-2.5 to 2.5		Pass				
	4.43	-14.820	-0.0086	-2.5 to 2.5		Pass				
	1732.5	6	0	-30	3.85	-16.823	-0.0097	-2.5 to 2.5	Pass	
					-20	3.85	-16.451	-0.0095	-2.5 to 2.5	Pass
					-10	3.85	-8.454	-0.0049	-2.5 to 2.5	Pass
				0	3.85	-6.080	-0.0035	-2.5 to 2.5	Pass	
					10	3.85	-0.958	-0.0006	-2.5 to 2.5	Pass
					30	3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
				40	3.85	6.738	0.0039	-2.5 to 2.5	Pass	
					50	3.85	14.505	0.0084	-2.5 to 2.5	Pass
					20	3.27	-1.302	-0.0007	-2.5 to 2.5	Pass
	3.85	-6.166	-0.0035	-2.5 to 2.5		Pass				
1754.3	6	0	20	3.27	-1.302	-0.0007	-2.5 to 2.5	Pass		
				3.85	-6.166	-0.0035	-2.5 to 2.5	Pass		

					4.43	-13.661	-0.0078	-2.5 to 2.5	Pass
				-30	3.85	-9.985	-0.0057	-2.5 to 2.5	Pass
				-20	3.85	-2.246	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-6.237	-0.0036	-2.5 to 2.5	Pass
				0	3.85	-0.472	-0.0003	-2.5 to 2.5	Pass
				10	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				30	3.85	-9.098	-0.0052	-2.5 to 2.5	Pass
				40	3.85	0.758	0.0004	-2.5 to 2.5	Pass
				50	3.85	-11.930	-0.0068	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.27	-5.021	-0.0029	-2.5 to 2.5	Pass
					3.85	5.264	0.0031	-2.5 to 2.5	Pass
					4.43	-2.961	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	0.644	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-10.829	-0.0063	-2.5 to 2.5	Pass
				-10	3.85	-6.537	-0.0038	-2.5 to 2.5	Pass
				0	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-6.180	-0.0036	-2.5 to 2.5	Pass
				30	3.85	-7.281	-0.0043	-2.5 to 2.5	Pass
	40	3.85	-1.101	-0.0006	-2.5 to 2.5	Pass			
	50	3.85	-6.809	-0.0040	-2.5 to 2.5	Pass			
	1732.5	6	0	20	3.27	9.484	0.0055	-2.5 to 2.5	Pass
					3.85	12.546	0.0072	-2.5 to 2.5	Pass
					4.43	3.390	0.0020	-2.5 to 2.5	Pass
				-30	3.85	3.448	0.0020	-2.5 to 2.5	Pass
				-20	3.85	3.133	0.0018	-2.5 to 2.5	Pass
				-10	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass
				0	3.85	4.120	0.0024	-2.5 to 2.5	Pass
				10	3.85	-0.901	-0.0005	-2.5 to 2.5	Pass
				30	3.85	-13.747	-0.0079	-2.5 to 2.5	Pass
	40	3.85	-13.518	-0.0078	-2.5 to 2.5	Pass			
	50	3.85	-12.846	-0.0074	-2.5 to 2.5	Pass			
	1754.3	6	0	20	3.27	-7.610	-0.0043	-2.5 to 2.5	Pass
					3.85	2.160	0.0012	-2.5 to 2.5	Pass
					4.43	-5.550	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-5.250	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	2.160	0.0012	-2.5 to 2.5	Pass
-10				3.85	2.346	0.0013	-2.5 to 2.5	Pass	
0				3.85	-8.082	-0.0046	-2.5 to 2.5	Pass	
10				3.85	0.329	0.0002	-2.5 to 2.5	Pass	
30				3.85	4.950	0.0028	-2.5 to 2.5	Pass	
40	3.85	-3.548	-0.0020	-2.5 to 2.5	Pass				
50	3.85	1.230	0.0007	-2.5 to 2.5	Pass				

2.2 B4_3MHz

2.2.1 Test Result

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	-8.039	-0.0047	-2.5 to 2.5	Pass
					3.85	-9.227	-0.0054	-2.5 to 2.5	Pass
					4.43	-12.631	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	-13.719	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	-0.401	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	5.178	0.0030	-2.5 to 2.5	Pass
				0	3.85	-7.067	-0.0041	-2.5 to 2.5	Pass

				10	3.85	2.017	0.0012	-2.5 to 2.5	Pass	
				30	3.85	-0.772	-0.0005	-2.5 to 2.5	Pass	
				40	3.85	2.761	0.0016	-2.5 to 2.5	Pass	
				50	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass	
				20	3.27	7.181	0.0041	-2.5 to 2.5	Pass	
					3.85	-1.831	-0.0011	-2.5 to 2.5	Pass	
					4.43	-11.115	-0.0064	-2.5 to 2.5	Pass	
				-30	3.85	-13.905	-0.0080	-2.5 to 2.5	Pass	
				-20	3.85	-13.561	-0.0078	-2.5 to 2.5	Pass	
				-10	3.85	-2.332	-0.0013	-2.5 to 2.5	Pass	
	0	3.85	-4.463	-0.0026	-2.5 to 2.5	Pass				
	10	3.85	-6.766	-0.0039	-2.5 to 2.5	Pass				
	30	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass				
	40	3.85	2.332	0.0013	-2.5 to 2.5	Pass				
	50	3.85	0.486	0.0003	-2.5 to 2.5	Pass				
	1732.5	15	0	20	3.27	-9.198	-0.0052	-2.5 to 2.5	Pass	
					3.85	-11.129	-0.0063	-2.5 to 2.5	Pass	
					4.43	-2.074	-0.0012	-2.5 to 2.5	Pass	
				-30	3.85	-10.271	-0.0059	-2.5 to 2.5	Pass	
				-20	3.85	-8.326	-0.0047	-2.5 to 2.5	Pass	
				-10	3.85	-5.579	-0.0032	-2.5 to 2.5	Pass	
				0	3.85	-5.207	-0.0030	-2.5 to 2.5	Pass	
				10	3.85	-0.930	-0.0005	-2.5 to 2.5	Pass	
				30	3.85	2.475	0.0014	-2.5 to 2.5	Pass	
				40	3.85	-3.004	-0.0017	-2.5 to 2.5	Pass	
	50	3.85	-11.144	-0.0064	-2.5 to 2.5	Pass				
	16QAM	1711.5	15	0	20	3.27	1.588	0.0009	-2.5 to 2.5	Pass
						3.85	-10.142	-0.0059	-2.5 to 2.5	Pass
						4.43	0.157	0.0001	-2.5 to 2.5	Pass
					-30	3.85	-7.553	-0.0044	-2.5 to 2.5	Pass
-20					3.85	3.433	0.0020	-2.5 to 2.5	Pass	
-10					3.85	-10.300	-0.0060	-2.5 to 2.5	Pass	
0					3.85	-5.293	-0.0031	-2.5 to 2.5	Pass	
10					3.85	-0.114	-0.0001	-2.5 to 2.5	Pass	
30					3.85	-10.200	-0.0060	-2.5 to 2.5	Pass	
40					3.85	1.559	0.0009	-2.5 to 2.5	Pass	
50		3.85	-7.067	-0.0041	-2.5 to 2.5	Pass				
1732.5		15	0	20	3.27	-2.489	-0.0014	-2.5 to 2.5	Pass	
					3.85	2.861	0.0017	-2.5 to 2.5	Pass	
					4.43	-6.323	-0.0036	-2.5 to 2.5	Pass	
				-30	3.85	0.787	0.0005	-2.5 to 2.5	Pass	
				-20	3.85	-11.959	-0.0069	-2.5 to 2.5	Pass	
				-10	3.85	3.176	0.0018	-2.5 to 2.5	Pass	
				0	3.85	0.887	0.0005	-2.5 to 2.5	Pass	
				10	3.85	-10.672	-0.0062	-2.5 to 2.5	Pass	
				30	3.85	-0.744	-0.0004	-2.5 to 2.5	Pass	
				40	3.85	0.057	0.0000	-2.5 to 2.5	Pass	
50		3.85	-15.950	-0.0092	-2.5 to 2.5	Pass				
1753.5		15	0	20	3.27	-9.098	-0.0052	-2.5 to 2.5	Pass	
					3.85	1.702	0.0010	-2.5 to 2.5	Pass	
					4.43	-10.829	-0.0062	-2.5 to 2.5	Pass	
				-30	3.85	-11.129	-0.0063	-2.5 to 2.5	Pass	
				-20	3.85	1.159	0.0007	-2.5 to 2.5	Pass	
				-10	3.85	-7.925	-0.0045	-2.5 to 2.5	Pass	
				0	3.85	1.245	0.0007	-2.5 to 2.5	Pass	
				10	3.85	-4.449	-0.0025	-2.5 to 2.5	Pass	
	30			3.85	-1.531	-0.0009	-2.5 to 2.5	Pass		
	40			3.85	-4.864	-0.0028	-2.5 to 2.5	Pass		
50	3.85	-15.221	-0.0087	-2.5 to 2.5	Pass					

2.3 B4_5MHz

2.3.1 Test Result

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	-8.140	-0.0048	-2.5 to 2.5	Pass
					3.85	-10.185	-0.0059	-2.5 to 2.5	Pass
					4.43	-11.859	-0.0069	-2.5 to 2.5	Pass
				-30	3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
				-20	3.85	-7.153	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-3.848	-0.0022	-2.5 to 2.5	Pass
				0	3.85	-8.941	-0.0052	-2.5 to 2.5	Pass
				10	3.85	-7.596	-0.0044	-2.5 to 2.5	Pass
				30	3.85	-12.946	-0.0076	-2.5 to 2.5	Pass
	40	3.85	1.760	0.0010	-2.5 to 2.5	Pass			
	50	3.85	-12.002	-0.0070	-2.5 to 2.5	Pass			
	1732.5	25	0	20	3.27	-2.918	-0.0017	-2.5 to 2.5	Pass
					3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
					4.43	-5.021	-0.0029	-2.5 to 2.5	Pass
				-30	3.85	0.687	0.0004	-2.5 to 2.5	Pass
				-20	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				-10	3.85	-7.982	-0.0046	-2.5 to 2.5	Pass
				0	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
				10	3.85	-0.501	-0.0003	-2.5 to 2.5	Pass
				30	3.85	5.436	0.0031	-2.5 to 2.5	Pass
	40	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass			
	50	3.85	-4.420	-0.0026	-2.5 to 2.5	Pass			
	1752.5	25	0	20	3.27	-2.260	-0.0013	-2.5 to 2.5	Pass
					3.85	-7.839	-0.0045	-2.5 to 2.5	Pass
					4.43	-12.889	-0.0074	-2.5 to 2.5	Pass
				-30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
				-20	3.85	-12.846	-0.0073	-2.5 to 2.5	Pass
-10				3.85	-2.804	-0.0016	-2.5 to 2.5	Pass	
0				3.85	-2.933	-0.0017	-2.5 to 2.5	Pass	
10				3.85	-2.575	-0.0015	-2.5 to 2.5	Pass	
30				3.85	-3.376	-0.0019	-2.5 to 2.5	Pass	
40	3.85	0.644	0.0004	-2.5 to 2.5	Pass				
50	3.85	-8.297	-0.0047	-2.5 to 2.5	Pass				
16QAM	1712.5	25	0	20	3.27	-0.043	0.0000	-2.5 to 2.5	Pass
					3.85	-1.774	-0.0010	-2.5 to 2.5	Pass
					4.43	-6.738	-0.0039	-2.5 to 2.5	Pass
				-30	3.85	-5.307	-0.0031	-2.5 to 2.5	Pass
				-20	3.85	-4.764	-0.0028	-2.5 to 2.5	Pass
				-10	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-4.950	-0.0029	-2.5 to 2.5	Pass
				10	3.85	-7.868	-0.0046	-2.5 to 2.5	Pass
				30	3.85	-5.608	-0.0033	-2.5 to 2.5	Pass
	40	3.85	-1.144	-0.0007	-2.5 to 2.5	Pass			
	50	3.85	-7.296	-0.0043	-2.5 to 2.5	Pass			
	1732.5	25	0	20	3.27	-8.540	-0.0049	-2.5 to 2.5	Pass
					3.85	-7.324	-0.0042	-2.5 to 2.5	Pass
					4.43	1.831	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-10.829	-0.0063	-2.5 to 2.5	Pass
-20				3.85	-3.262	-0.0019	-2.5 to 2.5	Pass	

				-10	3.85	1.230	0.0007	-2.5 to 2.5	Pass
				0	3.85	-13.518	-0.0078	-2.5 to 2.5	Pass
				10	3.85	-9.413	-0.0054	-2.5 to 2.5	Pass
				30	3.85	1.101	0.0006	-2.5 to 2.5	Pass
				40	3.85	-0.873	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	-0.844	-0.0005	-2.5 to 2.5	Pass
					3.85	-2.289	-0.0013	-2.5 to 2.5	Pass
					4.43	-1.817	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-12.774	-0.0073	-2.5 to 2.5	Pass
				-20	3.85	-10.700	-0.0061	-2.5 to 2.5	Pass
				-10	3.85	-4.678	-0.0027	-2.5 to 2.5	Pass
				0	3.85	0.629	0.0004	-2.5 to 2.5	Pass
				10	3.85	-10.886	-0.0062	-2.5 to 2.5	Pass
				30	3.85	2.532	0.0014	-2.5 to 2.5	Pass
				40	3.85	-7.424	-0.0042	-2.5 to 2.5	Pass
				50	3.85	0.572	0.0003	-2.5 to 2.5	Pass

2.4 B4_10MHz

2.4.1 Test Result

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	-7.739	-0.0045	-2.5 to 2.5	Pass			
					3.85	-6.652	-0.0039	-2.5 to 2.5	Pass			
					4.43	-5.794	-0.0034	-2.5 to 2.5	Pass			
				-30	3.85	-0.143	-0.0001	-2.5 to 2.5	Pass			
				-20	3.85	-8.569	-0.0050	-2.5 to 2.5	Pass			
				-10	3.85	-1.259	-0.0007	-2.5 to 2.5	Pass			
				0	3.85	-7.124	-0.0042	-2.5 to 2.5	Pass			
				10	3.85	-5.965	-0.0035	-2.5 to 2.5	Pass			
				30	3.85	-6.452	-0.0038	-2.5 to 2.5	Pass			
				40	3.85	-3.948	-0.0023	-2.5 to 2.5	Pass			
				50	3.85	-8.111	-0.0047	-2.5 to 2.5	Pass			
				1732.5	50	0	20	3.27	-5.651	-0.0033	-2.5 to 2.5	Pass
								3.85	-5.937	-0.0034	-2.5 to 2.5	Pass
								4.43	-0.386	-0.0002	-2.5 to 2.5	Pass
							-30	3.85	-8.025	-0.0046	-2.5 to 2.5	Pass
	-20	3.85	-5.422				-0.0031	-2.5 to 2.5	Pass			
	-10	3.85	-1.030				-0.0006	-2.5 to 2.5	Pass			
	0	3.85	-9.484				-0.0055	-2.5 to 2.5	Pass			
	10	3.85	-0.443				-0.0003	-2.5 to 2.5	Pass			
	30	3.85	-1.888				-0.0011	-2.5 to 2.5	Pass			
	40	3.85	-5.493				-0.0032	-2.5 to 2.5	Pass			
	50	3.85	-6.351				-0.0037	-2.5 to 2.5	Pass			
	1750	50	0				20	3.27	-9.170	-0.0052	-2.5 to 2.5	Pass
								3.85	-9.613	-0.0055	-2.5 to 2.5	Pass
								4.43	-15.550	-0.0089	-2.5 to 2.5	Pass
							-30	3.85	-5.078	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass			
				-10	3.85	-8.740	-0.0050	-2.5 to 2.5	Pass			
				0	3.85	-2.131	-0.0012	-2.5 to 2.5	Pass			
				10	3.85	-17.424	-0.0100	-2.5 to 2.5	Pass			
30				3.85	-10.815	-0.0062	-2.5 to 2.5	Pass				
40				3.85	-2.418	-0.0014	-2.5 to 2.5	Pass				

16QAM	1715	50	0	50	3.85	-8.326	-0.0048	-2.5 to 2.5	Pass
				20	3.27	-5.493	-0.0032	-2.5 to 2.5	Pass
					3.85	-7.811	-0.0046	-2.5 to 2.5	Pass
				20	4.43	-4.377	-0.0026	-2.5 to 2.5	Pass
					-30	3.85	-4.306	-0.0025	-2.5 to 2.5
				-20	3.85	-9.284	-0.0054	-2.5 to 2.5	Pass
				-10	3.85	-4.120	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass
				10	3.85	-4.334	-0.0025	-2.5 to 2.5	Pass
				30	3.85	-2.189	-0.0013	-2.5 to 2.5	Pass
	40	3.85	-0.715	-0.0004	-2.5 to 2.5	Pass			
	50	3.85	-3.762	-0.0022	-2.5 to 2.5	Pass			
	1732.5	50	0	20	3.27	-6.323	-0.0036	-2.5 to 2.5	Pass
					3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				20	4.43	-6.280	-0.0036	-2.5 to 2.5	Pass
					-30	3.85	-4.864	-0.0028	-2.5 to 2.5
				-20	3.85	-5.007	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	-4.191	-0.0024	-2.5 to 2.5	Pass
				0	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				10	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				30	3.85	-2.904	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-6.866	-0.0040	-2.5 to 2.5	Pass
	50	3.85	-6.423	-0.0037	-2.5 to 2.5	Pass			
	1750	50	0	20	3.27	-9.599	-0.0055	-2.5 to 2.5	Pass
					3.85	-7.610	-0.0043	-2.5 to 2.5	Pass
				20	4.43	-7.868	-0.0045	-2.5 to 2.5	Pass
					-30	3.85	-5.136	-0.0029	-2.5 to 2.5
				-20	3.85	-3.419	-0.0020	-2.5 to 2.5	Pass
				-10	3.85	-11.773	-0.0067	-2.5 to 2.5	Pass
				0	3.85	-4.621	-0.0026	-2.5 to 2.5	Pass
10				3.85	-2.160	-0.0012	-2.5 to 2.5	Pass	
30				3.85	-5.450	-0.0031	-2.5 to 2.5	Pass	
40				3.85	-14.777	-0.0084	-2.5 to 2.5	Pass	
50	3.85	-9.141	-0.0052	-2.5 to 2.5	Pass				

2.5 B4_15MHz

2.5.1 Test Result

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	-5.064	-0.0029	-2.5 to 2.5	Pass
					3.85	-6.495	-0.0038	-2.5 to 2.5	Pass
				20	4.43	-4.463	-0.0026	-2.5 to 2.5	Pass
					-30	3.85	-7.482	-0.0044	-2.5 to 2.5
				-20	3.85	-9.685	-0.0056	-2.5 to 2.5	Pass
				-10	3.85	-5.951	-0.0035	-2.5 to 2.5	Pass
				0	3.85	-7.524	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-3.591	-0.0021	-2.5 to 2.5	Pass
				40	3.85	-5.679	-0.0033	-2.5 to 2.5	Pass
	50	3.85	-7.067	-0.0041	-2.5 to 2.5	Pass			
	1732.5	75	0	20	3.27	-5.436	-0.0031	-2.5 to 2.5	Pass
					3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
				20	4.43	-4.635	-0.0027	-2.5 to 2.5	Pass
-30					3.85	-3.519	-0.0020	-2.5 to 2.5	Pass

				-20	3.85	-7.253	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-2.275	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-6.080	-0.0035	-2.5 to 2.5	Pass
				10	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				30	3.85	-4.363	-0.0025	-2.5 to 2.5	Pass
				40	3.85	-4.492	-0.0026	-2.5 to 2.5	Pass
	50	3.85	-2.604	-0.0015	-2.5 to 2.5	Pass			
	1747.5	75	0	20	3.27	-4.106	-0.0023	-2.5 to 2.5	Pass
					3.85	-4.220	-0.0024	-2.5 to 2.5	Pass
					4.43	-3.319	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-7.753	-0.0044	-2.5 to 2.5	Pass
				-20	3.85	-7.939	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-5.136	-0.0029	-2.5 to 2.5	Pass
		0	3.85	-4.091	-0.0023	-2.5 to 2.5	Pass		
		10	3.85	-7.496	-0.0043	-2.5 to 2.5	Pass		
		30	3.85	-5.350	-0.0031	-2.5 to 2.5	Pass		
		40	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass		
		50	3.85	-1.044	-0.0006	-2.5 to 2.5	Pass		
16QAM		1717.5	75	0	20	3.27	-6.723	-0.0039	-2.5 to 2.5
	3.85					-5.765	-0.0034	-2.5 to 2.5	Pass
	4.43					-0.973	-0.0006	-2.5 to 2.5	Pass
	-30				3.85	-7.796	-0.0045	-2.5 to 2.5	Pass
	-20				3.85	-11.802	-0.0069	-2.5 to 2.5	Pass
	-10				3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
	0				3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
	10				3.85	-6.466	-0.0038	-2.5 to 2.5	Pass
	30				3.85	-4.907	-0.0029	-2.5 to 2.5	Pass
	40	3.85	-5.794	-0.0034	-2.5 to 2.5	Pass			
	50	3.85	-1.845	-0.0011	-2.5 to 2.5	Pass			
	1732.5	75	0	20	3.27	-5.307	-0.0031	-2.5 to 2.5	Pass
					3.85	-4.449	-0.0026	-2.5 to 2.5	Pass
					4.43	-2.632	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	-2.060	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-1.531	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-5.465	-0.0032	-2.5 to 2.5	Pass
10				3.85	-4.420	-0.0026	-2.5 to 2.5	Pass	
30				3.85	-6.881	-0.0040	-2.5 to 2.5	Pass	
40	3.85	-9.341	-0.0054	-2.5 to 2.5	Pass				
50	3.85	-4.506	-0.0026	-2.5 to 2.5	Pass				
1747.5	75	0	20	3.27	-6.509	-0.0037	-2.5 to 2.5	Pass	
				3.85	2.875	0.0016	-2.5 to 2.5	Pass	
				4.43	-4.778	-0.0027	-2.5 to 2.5	Pass	
			-30	3.85	-4.549	-0.0026	-2.5 to 2.5	Pass	
			-20	3.85	-8.955	-0.0051	-2.5 to 2.5	Pass	
			-10	3.85	-3.104	-0.0018	-2.5 to 2.5	Pass	
			0	3.85	-8.354	-0.0048	-2.5 to 2.5	Pass	
			10	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass	
			30	3.85	-6.595	-0.0038	-2.5 to 2.5	Pass	
40	3.85	1.416	0.0008	-2.5 to 2.5	Pass				
50	3.85	-1.688	-0.0010	-2.5 to 2.5	Pass				

2.6 B4_20MHz

2.6.1 Test Result

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	-1.774	-0.0010	-2.5 to 2.5	Pass
					3.85	-8.340	-0.0048	-2.5 to 2.5	Pass
					4.43	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.661	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-5.522	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-4.778	-0.0028	-2.5 to 2.5	Pass
				0	3.85	-6.151	-0.0036	-2.5 to 2.5	Pass
				10	3.85	-1.760	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-4.206	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-5.050	-0.0029	-2.5 to 2.5	Pass
	50	3.85	1.302	0.0008	-2.5 to 2.5	Pass			
	1732.5	100	0	20	3.27	-6.924	-0.0040	-2.5 to 2.5	Pass
					3.85	-8.984	-0.0052	-2.5 to 2.5	Pass
					4.43	-5.622	-0.0032	-2.5 to 2.5	Pass
				-30	3.85	-3.276	-0.0019	-2.5 to 2.5	Pass
				-20	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-8.211	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-4.835	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				30	3.85	-7.339	-0.0042	-2.5 to 2.5	Pass
				40	3.85	-3.018	-0.0017	-2.5 to 2.5	Pass
	50	3.85	-6.409	-0.0037	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-4.621	-0.0026	-2.5 to 2.5	Pass
					3.85	-4.663	-0.0027	-2.5 to 2.5	Pass
					4.43	0.286	0.0002	-2.5 to 2.5	Pass
				-30	3.85	-4.048	-0.0023	-2.5 to 2.5	Pass
				-20	3.85	-10.014	-0.0057	-2.5 to 2.5	Pass
				-10	3.85	0.501	0.0003	-2.5 to 2.5	Pass
				0	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-1.745	-0.0010	-2.5 to 2.5	Pass
30				3.85	-3.819	-0.0022	-2.5 to 2.5	Pass	
40				3.85	-1.159	-0.0007	-2.5 to 2.5	Pass	
50	3.85	-2.632	-0.0015	-2.5 to 2.5	Pass				
16QAM	1720	100	0	20	3.27	-1.044	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
					4.43	-5.608	-0.0033	-2.5 to 2.5	Pass
				-30	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-5.679	-0.0033	-2.5 to 2.5	Pass
				-10	3.85	-3.691	-0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.448	-0.0020	-2.5 to 2.5	Pass
				10	3.85	-4.163	-0.0024	-2.5 to 2.5	Pass
				30	3.85	-5.908	-0.0034	-2.5 to 2.5	Pass
				40	3.85	-4.764	-0.0028	-2.5 to 2.5	Pass
	50	3.85	-3.791	-0.0022	-2.5 to 2.5	Pass			
	1732.5	100	0	20	3.27	-2.646	-0.0015	-2.5 to 2.5	Pass
					3.85	-1.888	-0.0011	-2.5 to 2.5	Pass
					4.43	-7.010	-0.0040	-2.5 to 2.5	Pass
				-30	3.85	-4.878	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.148	-0.0024	-2.5 to 2.5	Pass
				-10	3.85	-5.364	-0.0031	-2.5 to 2.5	Pass
				0	3.85	-1.559	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-5.193	-0.0030	-2.5 to 2.5	Pass
				40	3.85	-6.480	-0.0037	-2.5 to 2.5	Pass
	50	3.85	-0.658	-0.0004	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-5.507	-0.0032	-2.5 to 2.5	Pass
3.85					-6.895	-0.0040	-2.5 to 2.5	Pass	

					4.43	0.672	0.0004	-2.5 to 2.5	Pass
				-30	3.85	-2.789	-0.0016	-2.5 to 2.5	Pass
				-20	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-7.696	-0.0044	-2.5 to 2.5	Pass
				10	3.85	-7.396	-0.0042	-2.5 to 2.5	Pass
				30	3.85	1.202	0.0007	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.85	-4.563	-0.0026	-2.5 to 2.5	Pass

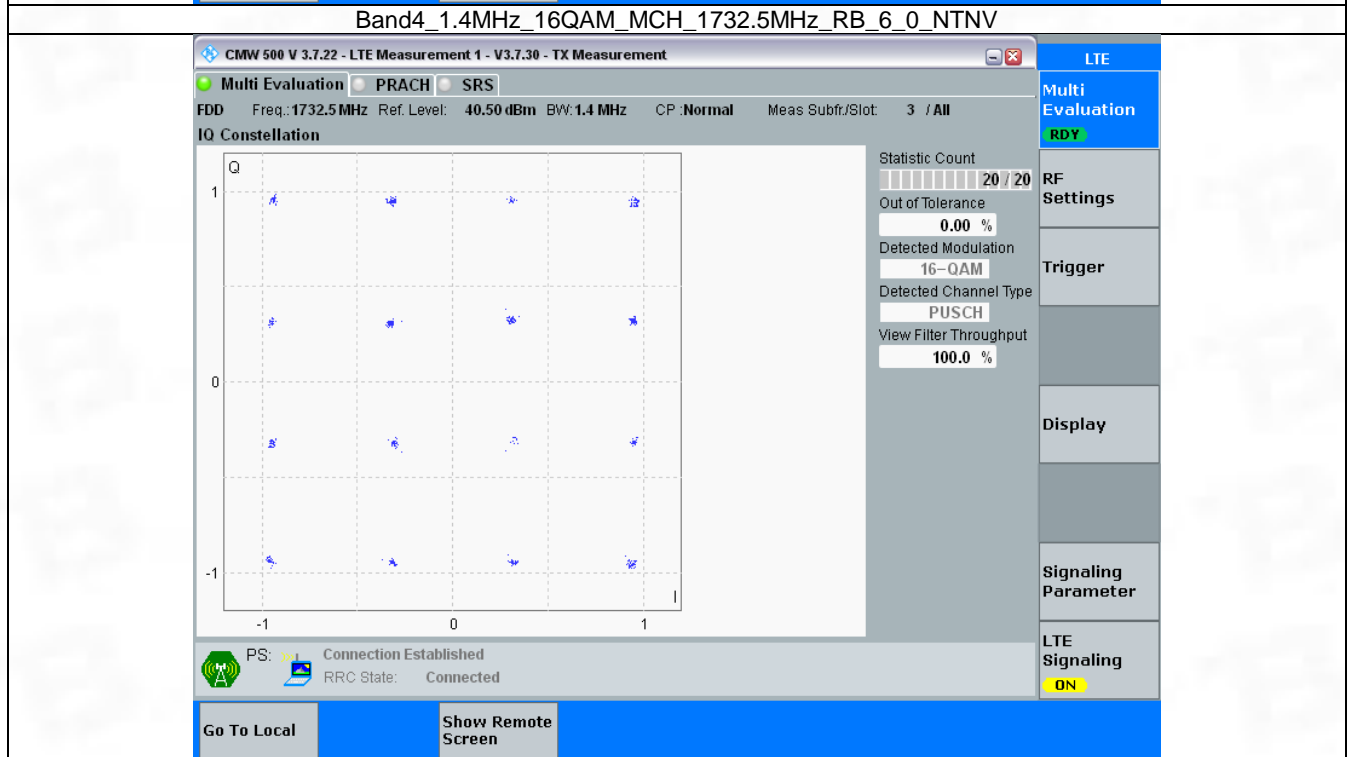
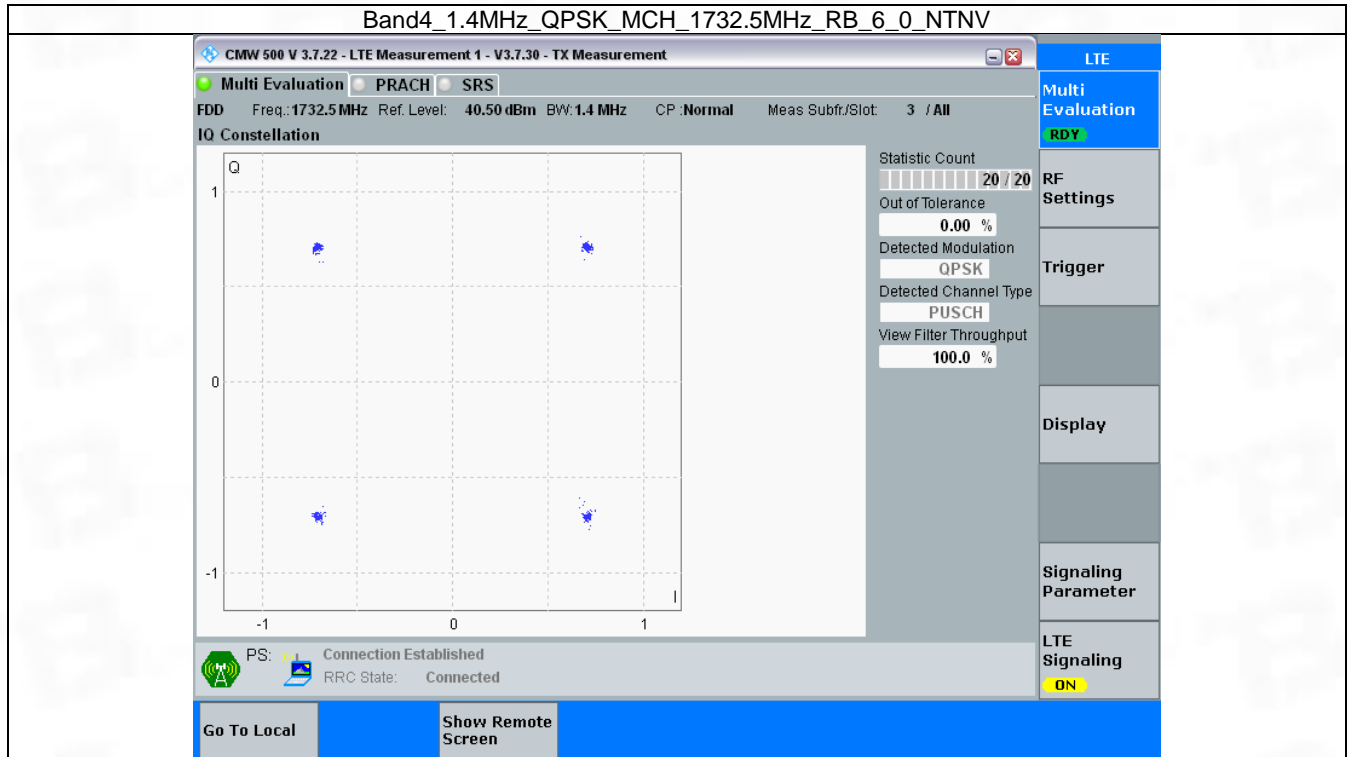
3. Modulation Characteristics

3.1 B4_1.4MHz

3.1.1 Test Result

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 Test Graph

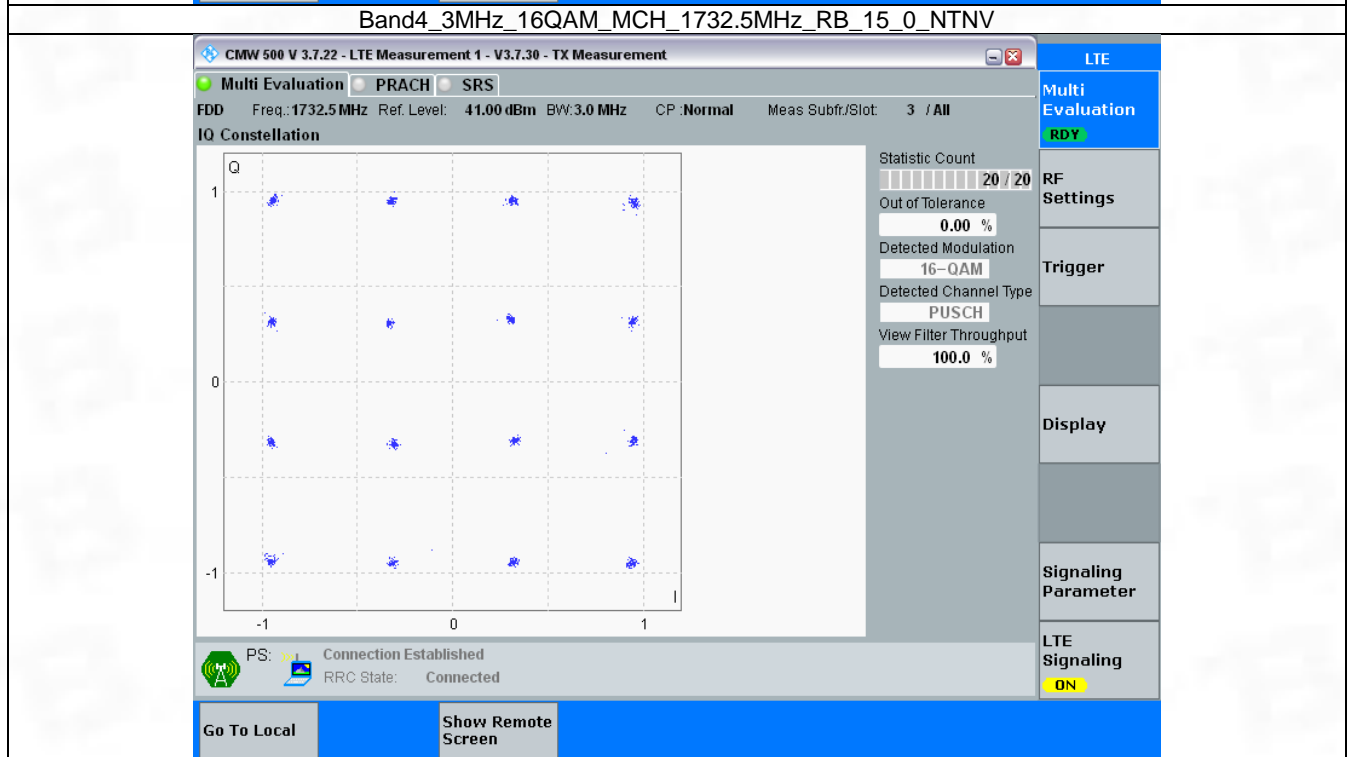
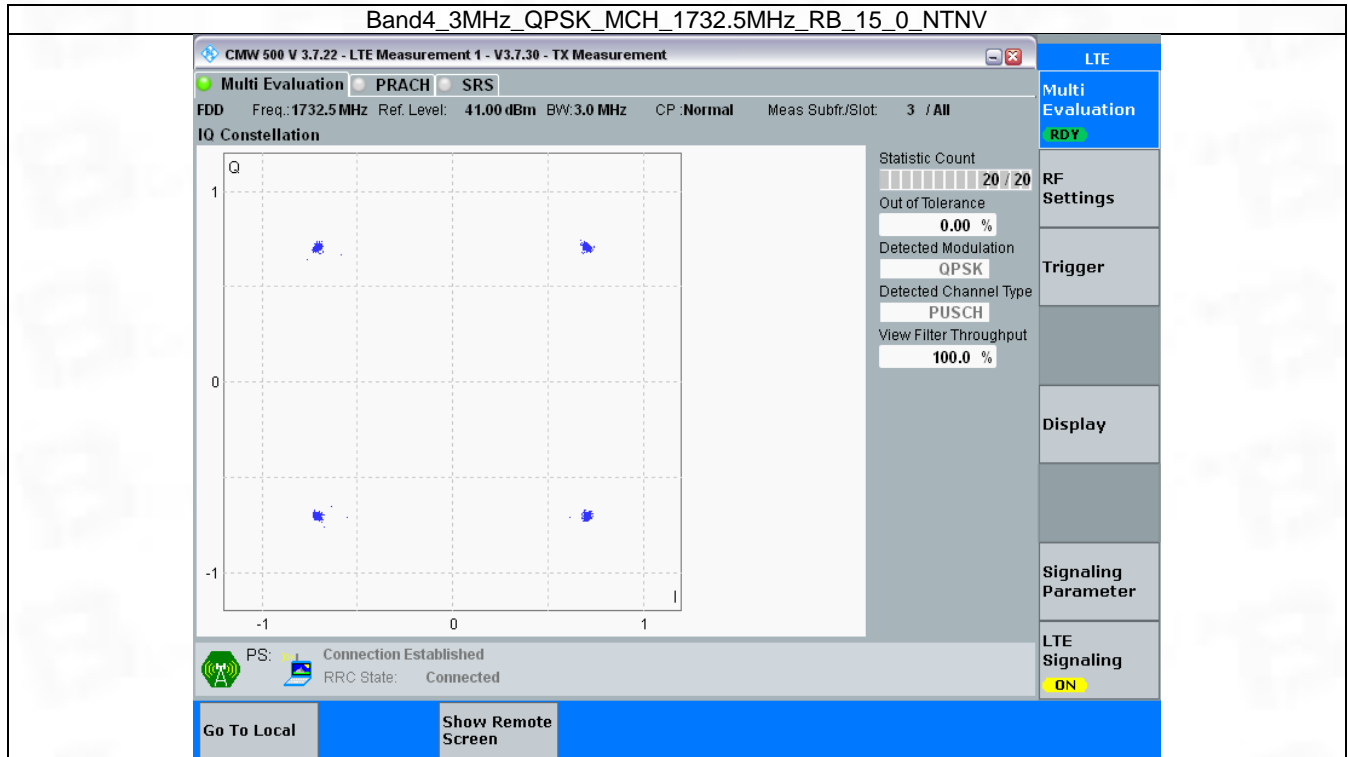


3.2 B4_3MHz

3.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTN						
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

3.2.2 Test Graph

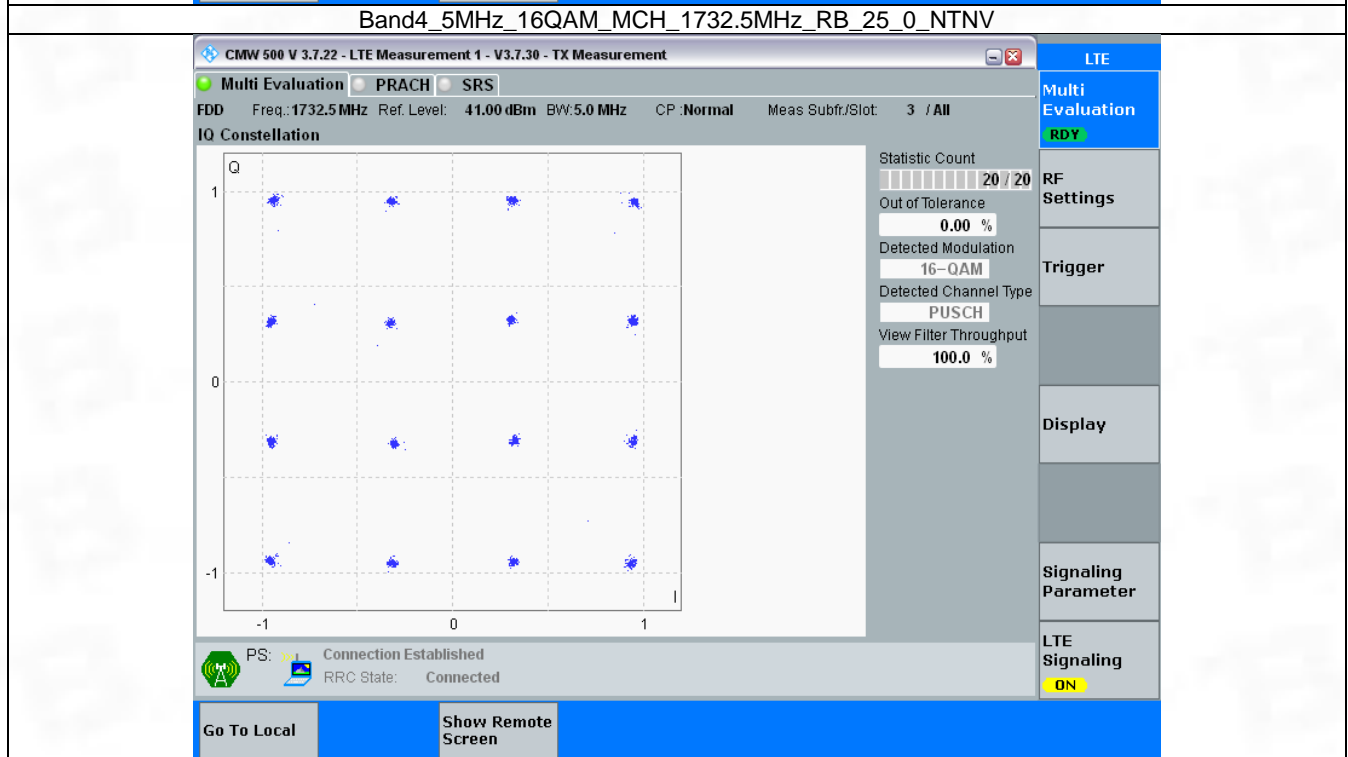
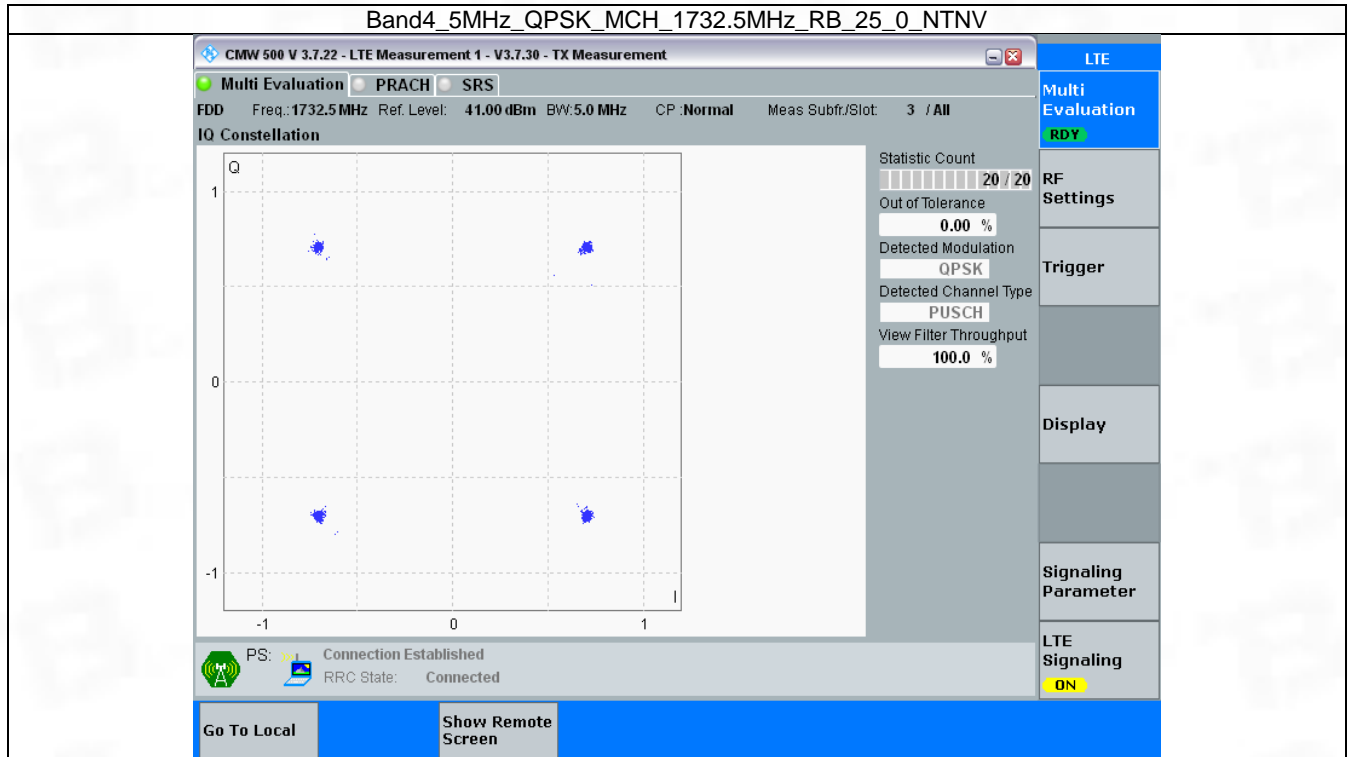


3.3 B4_5MHz

3.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTN						
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

3.3.2 Test Graph

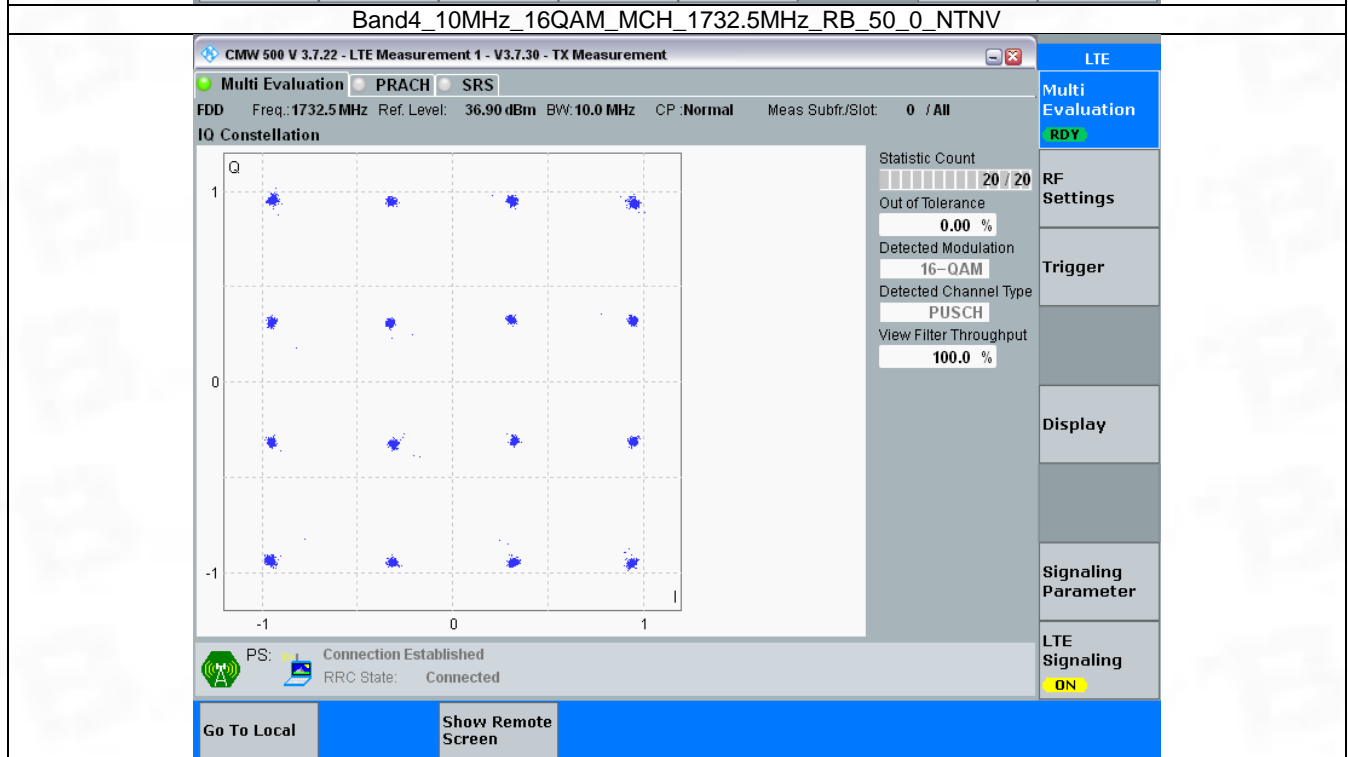
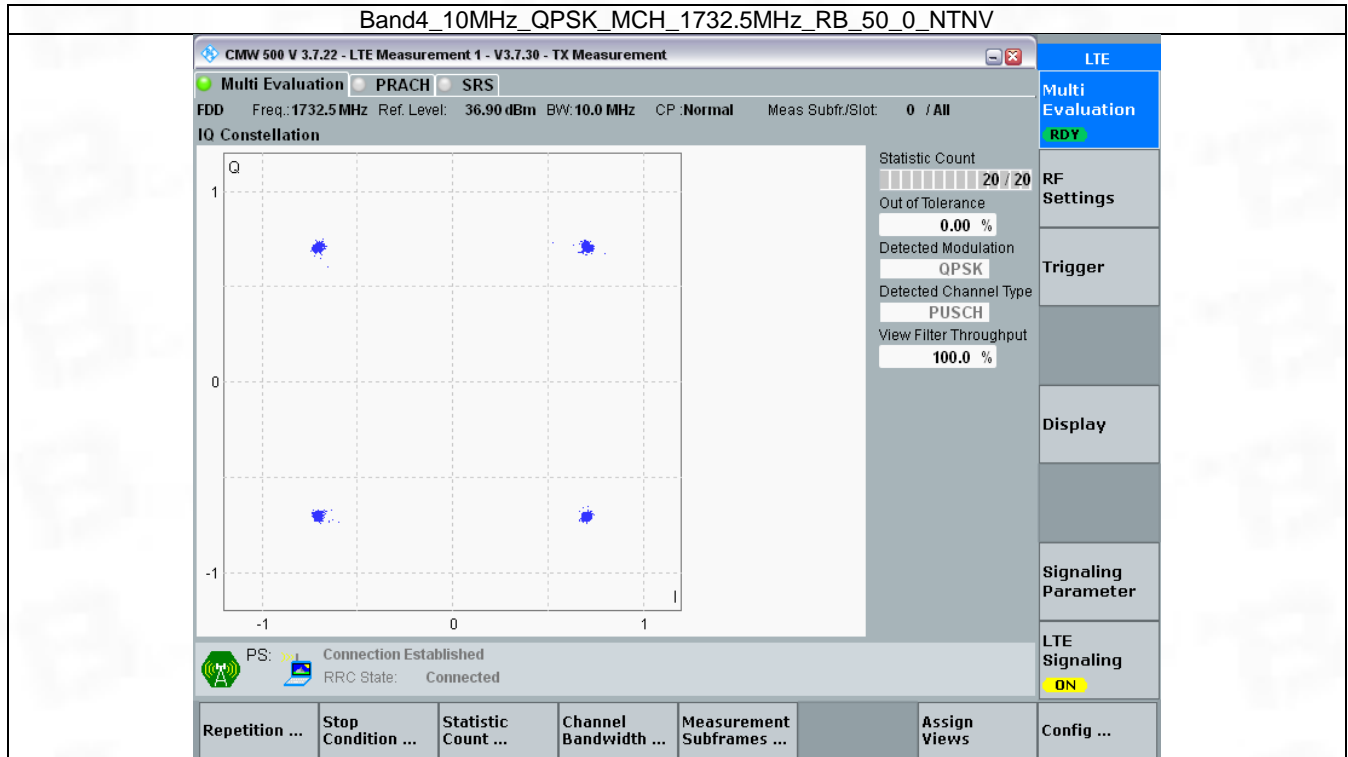


3.4 B4_10MHz

3.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTV						
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

3.4.2 Test Graph

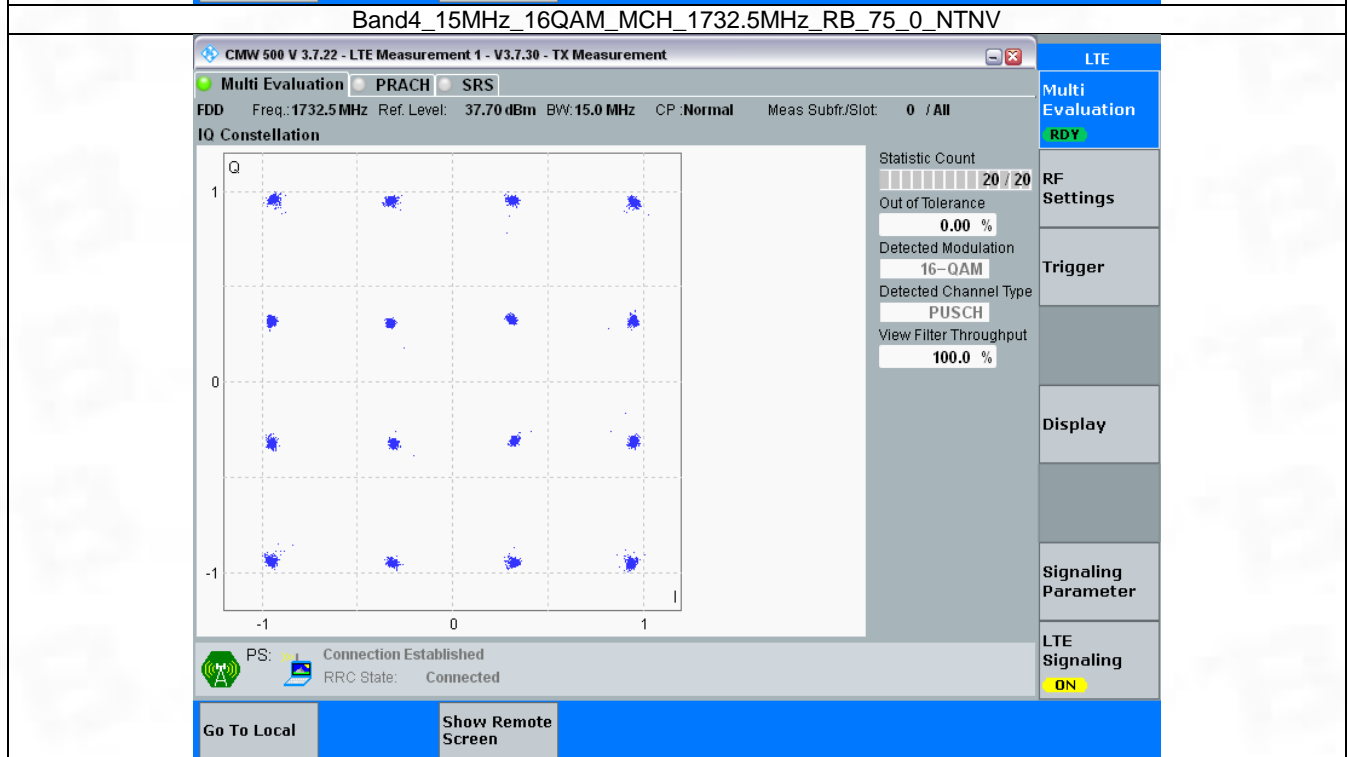
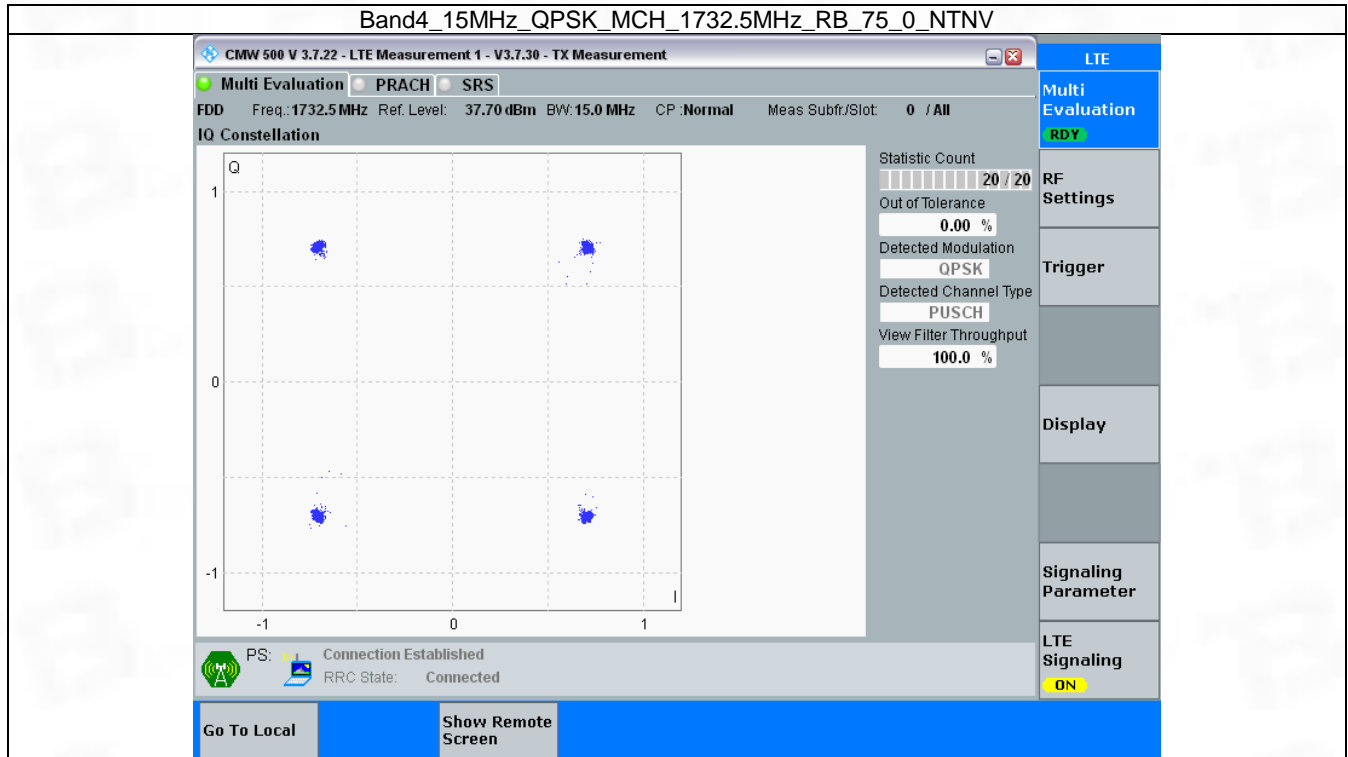


3.5 B4_15MHz

3.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTV						
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

3.5.2 Test Graph

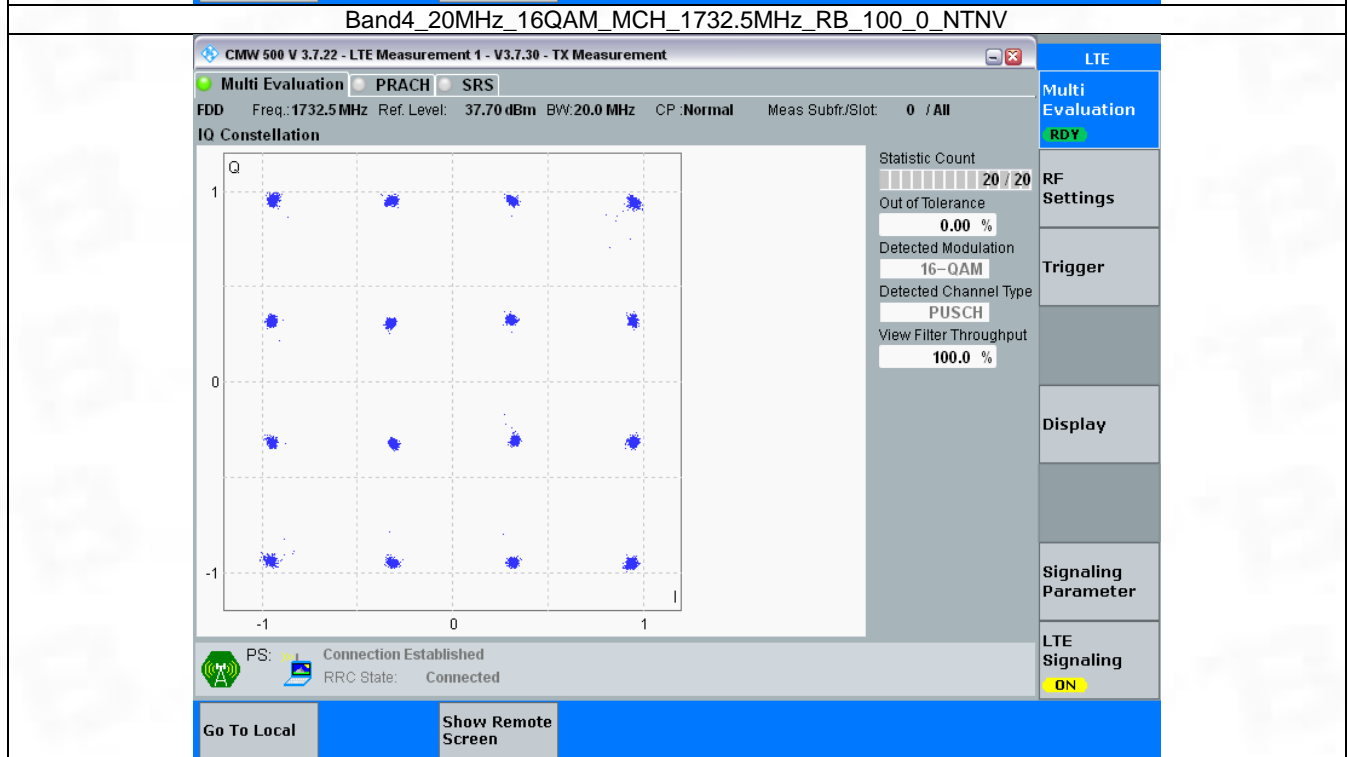
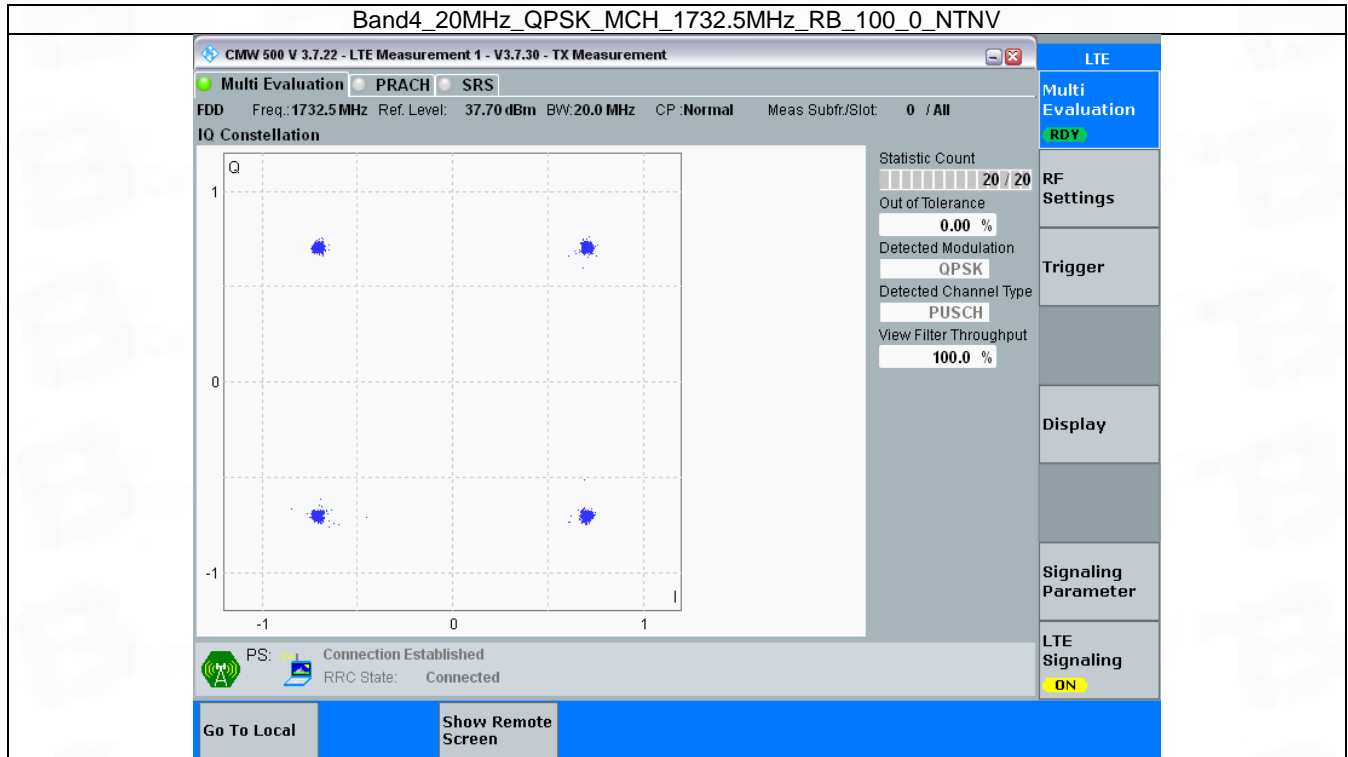


3.6 B4_20MHz

3.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTV						
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

3.6.2 Test Graph



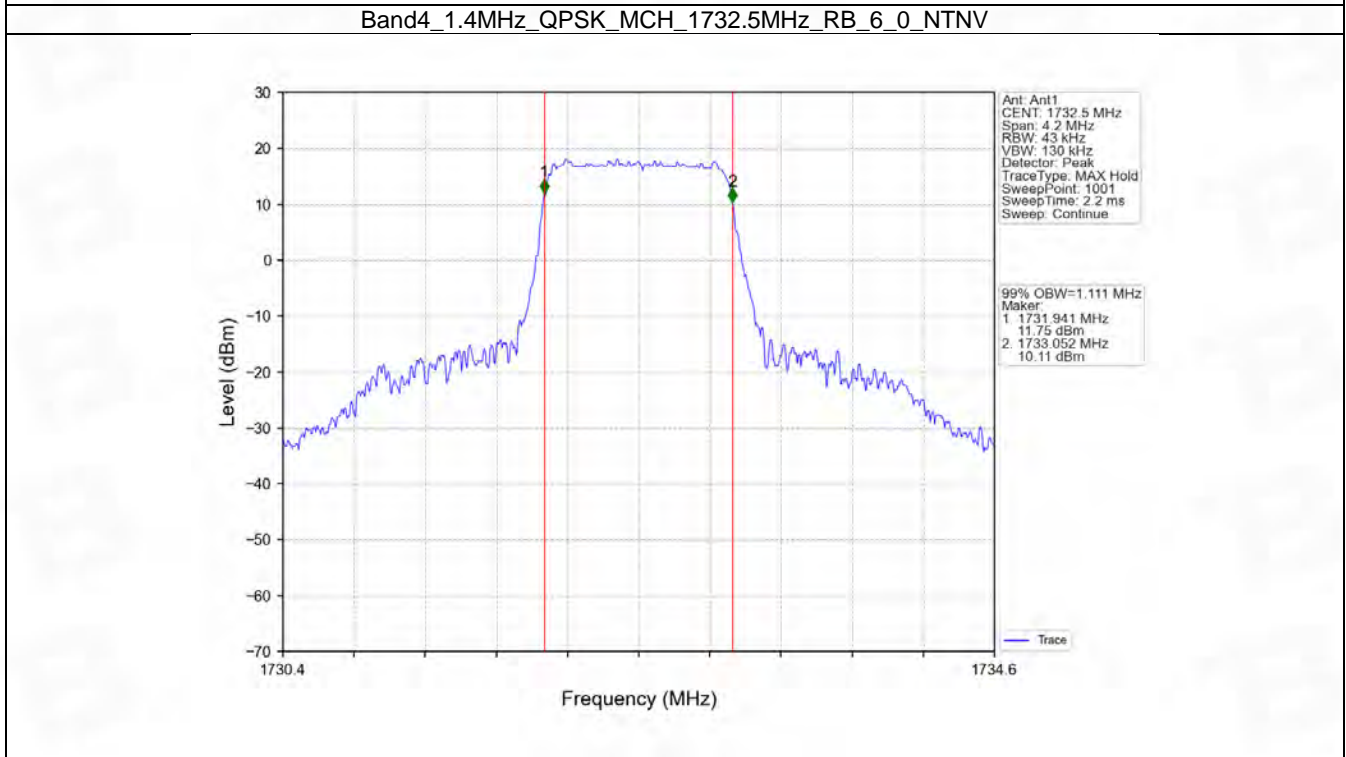
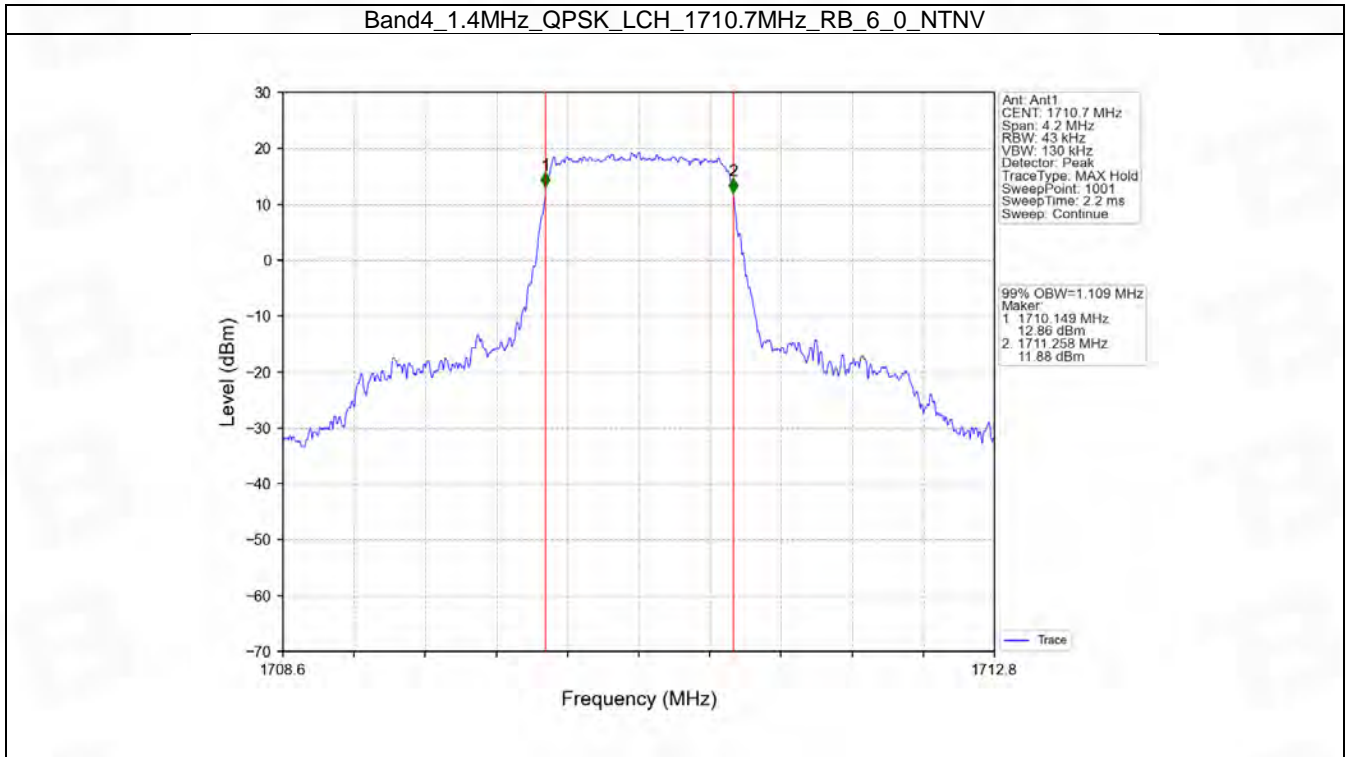
4. 99% & 26dB Bandwidth

4.1 Band4_OBW

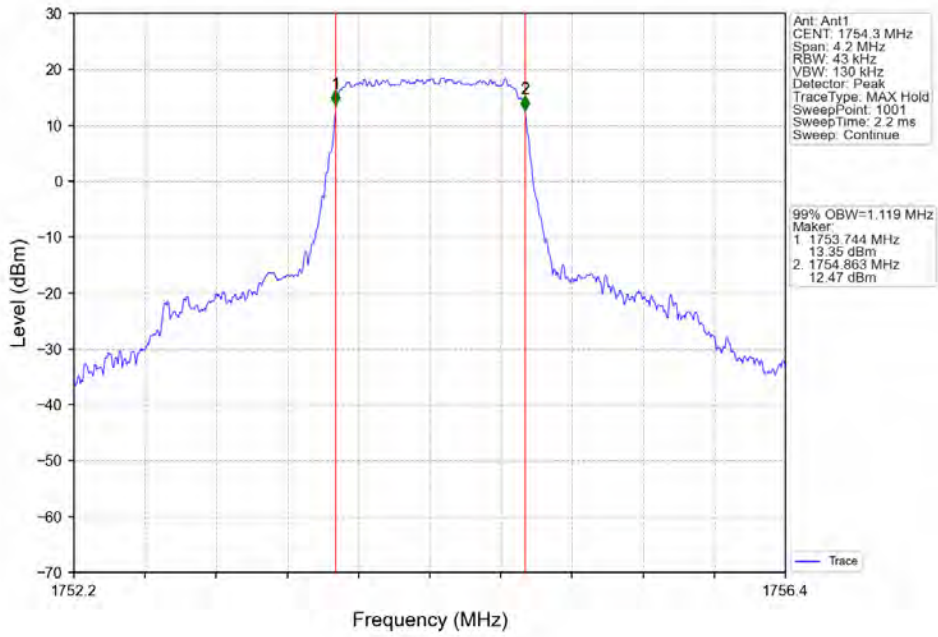
4.1.1 Test Result

Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.109	/	Pass
		1732.5	6	0	1.111	/	Pass
		1754.3	6	0	1.119	/	Pass
	16QAM	1710.7	6	0	1.110	/	Pass
		1732.5	6	0	1.111	/	Pass
		1754.3	6	0	1.113	/	Pass
3	QPSK	1711.5	15	0	2.730	/	Pass
		1732.5	15	0	2.728	/	Pass
		1753.5	15	0	2.726	/	Pass
	16QAM	1711.5	15	0	2.723	/	Pass
		1732.5	15	0	2.722	/	Pass
		1753.5	15	0	2.718	/	Pass
5	QPSK	1712.5	25	0	4.540	/	Pass
		1732.5	25	0	4.536	/	Pass
		1752.5	25	0	4.552	/	Pass
	16QAM	1712.5	25	0	4.548	/	Pass
		1732.5	25	0	4.538	/	Pass
		1752.5	25	0	4.531	/	Pass
10	QPSK	1715	50	0	9.068	/	Pass
		1732.5	50	0	9.048	/	Pass
		1750	50	0	9.057	/	Pass
	16QAM	1715	50	0	9.056	/	Pass
		1732.5	50	0	9.061	/	Pass
		1750	50	0	9.038	/	Pass
15	QPSK	1717.5	75	0	13.580	/	Pass
		1732.5	75	0	13.552	/	Pass
		1747.5	75	0	13.673	/	Pass
	16QAM	1717.5	75	0	13.569	/	Pass
		1732.5	75	0	13.613	/	Pass
		1747.5	75	0	13.709	/	Pass
20	QPSK	1720	100	0	18.079	/	Pass
		1732.5	100	0	18.123	/	Pass
		1745	100	0	18.152	/	Pass
	16QAM	1720	100	0	18.069	/	Pass
		1732.5	100	0	18.083	/	Pass
		1745	100	0	18.232	/	Pass

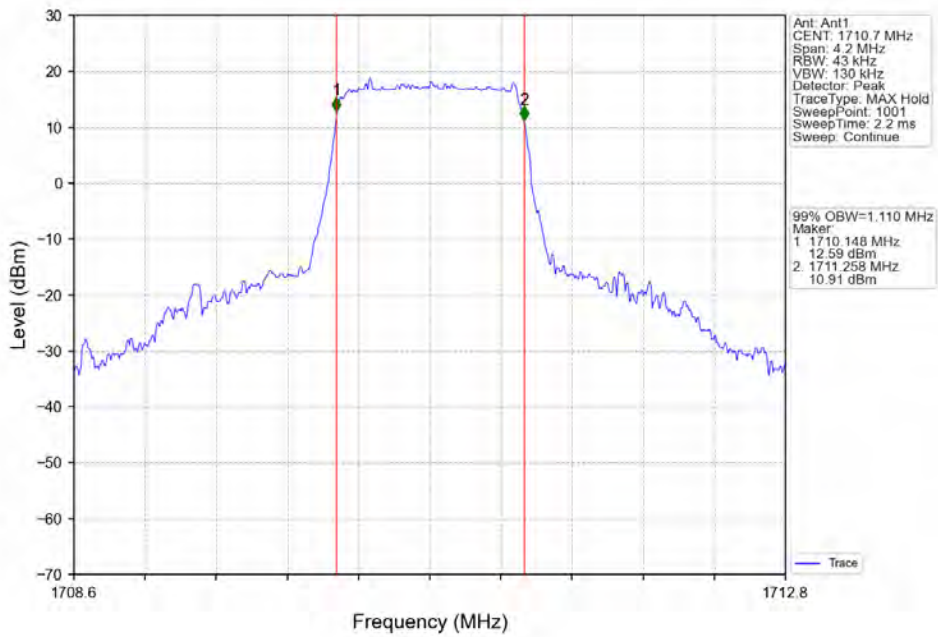
4.1.2 Test Graph



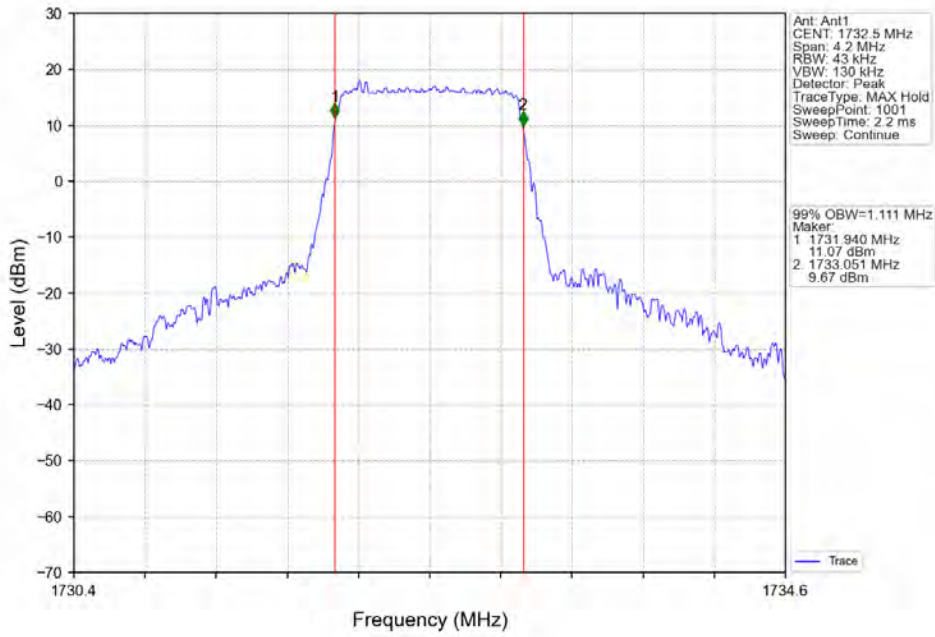
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



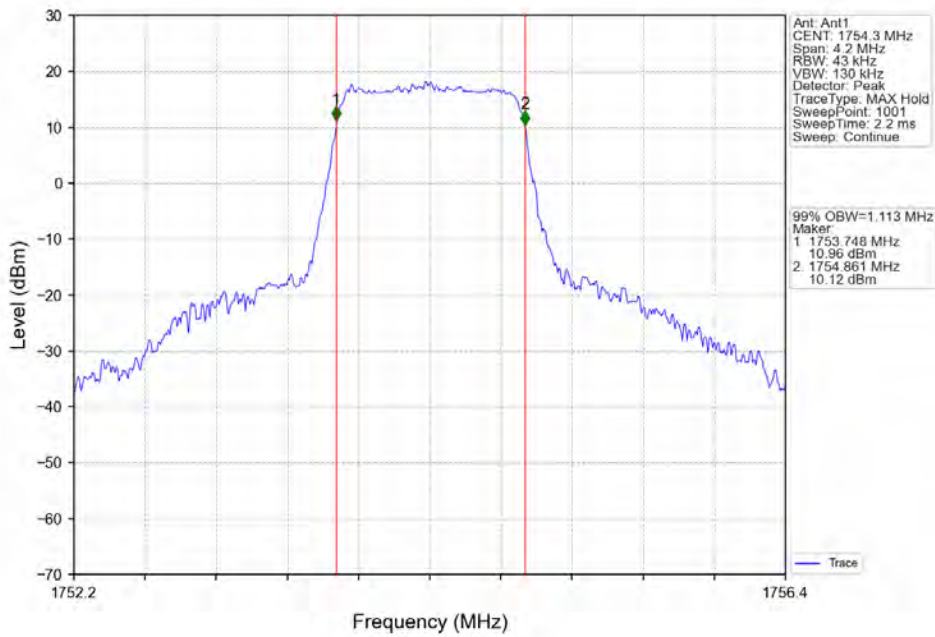
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



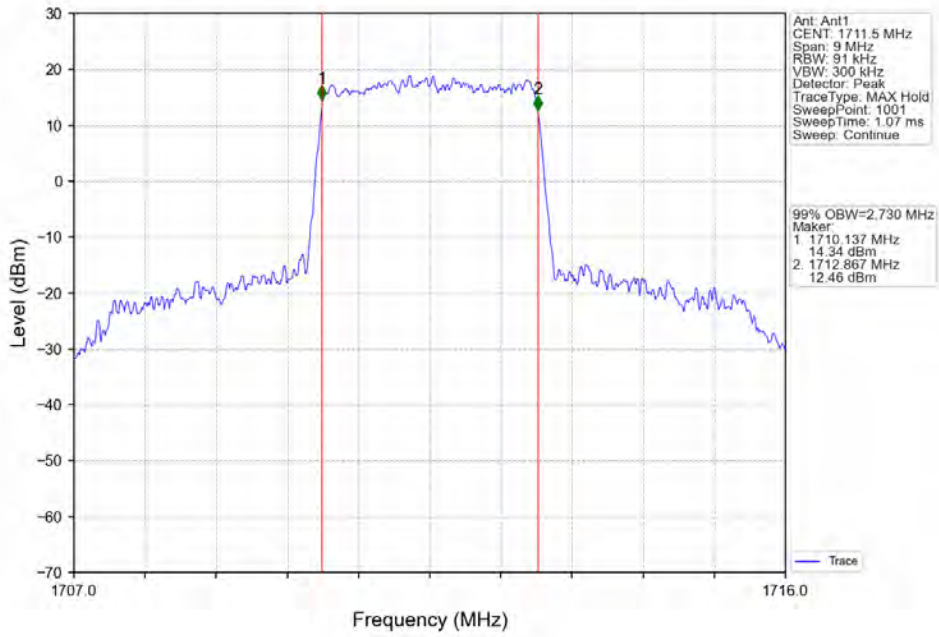
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



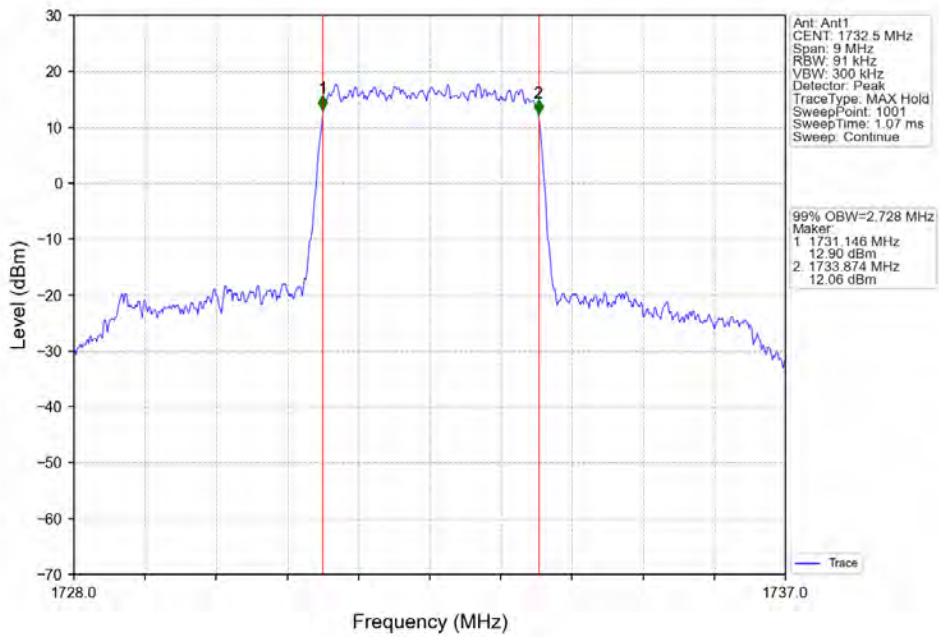
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



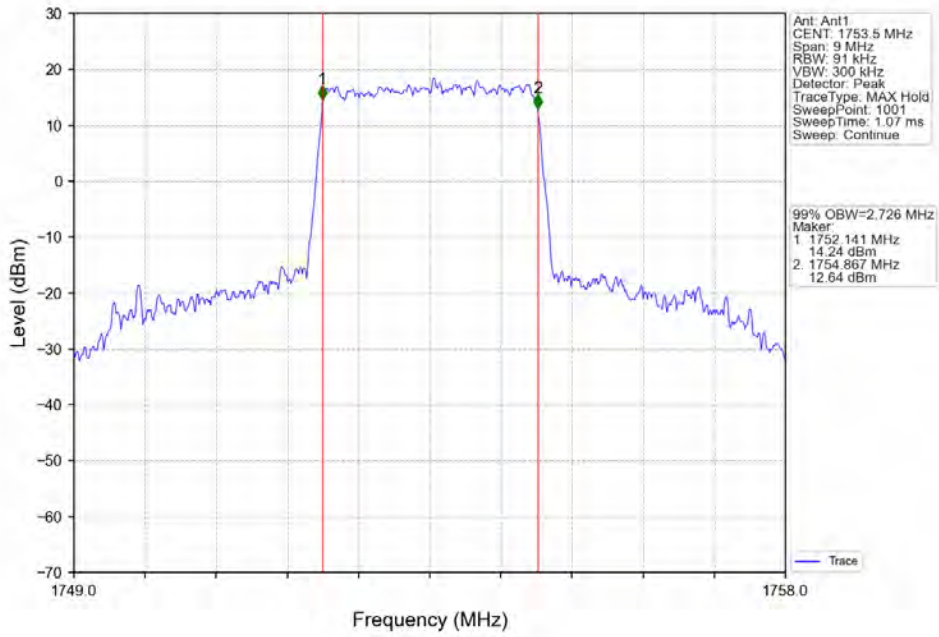
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



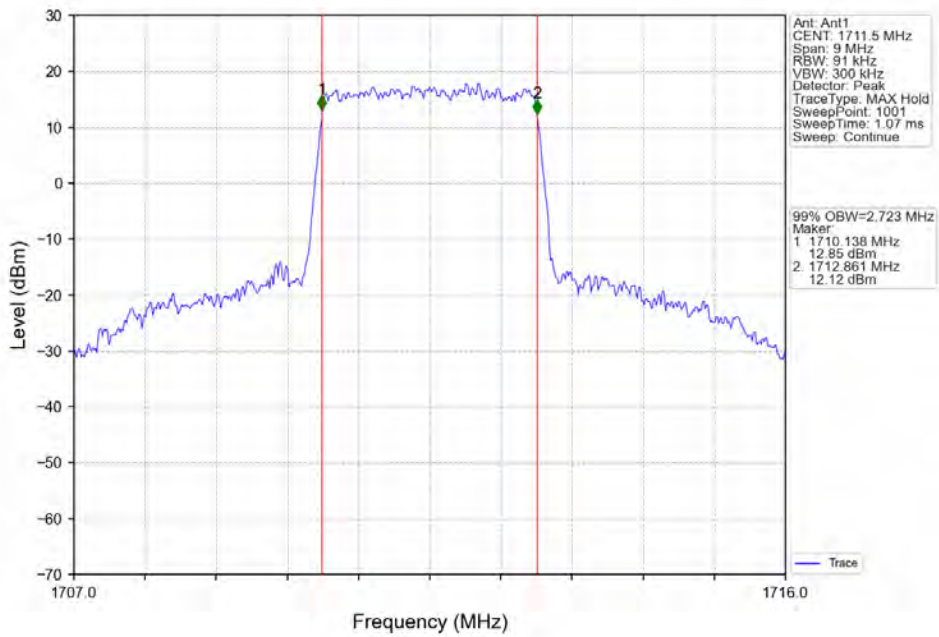
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



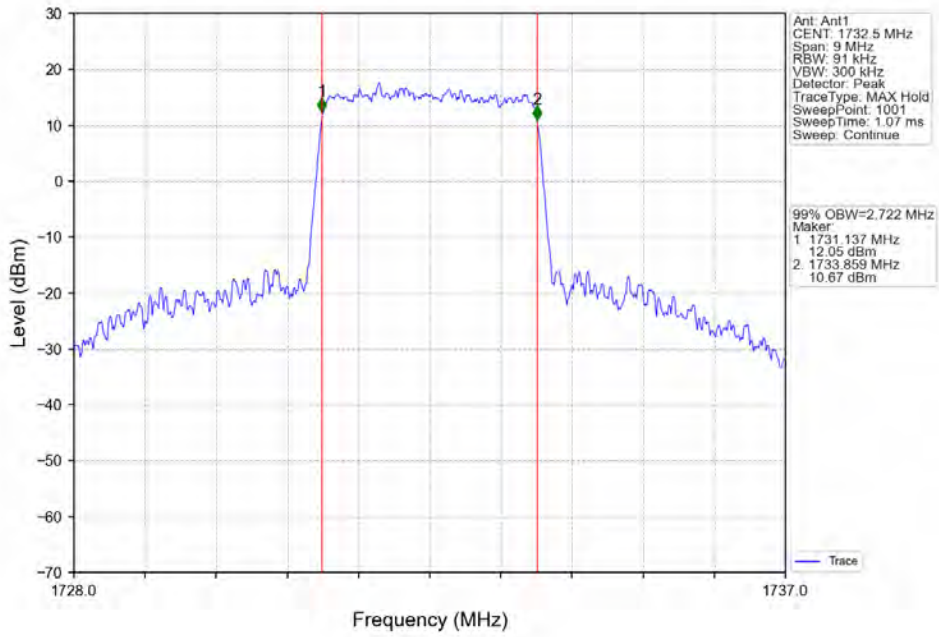
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



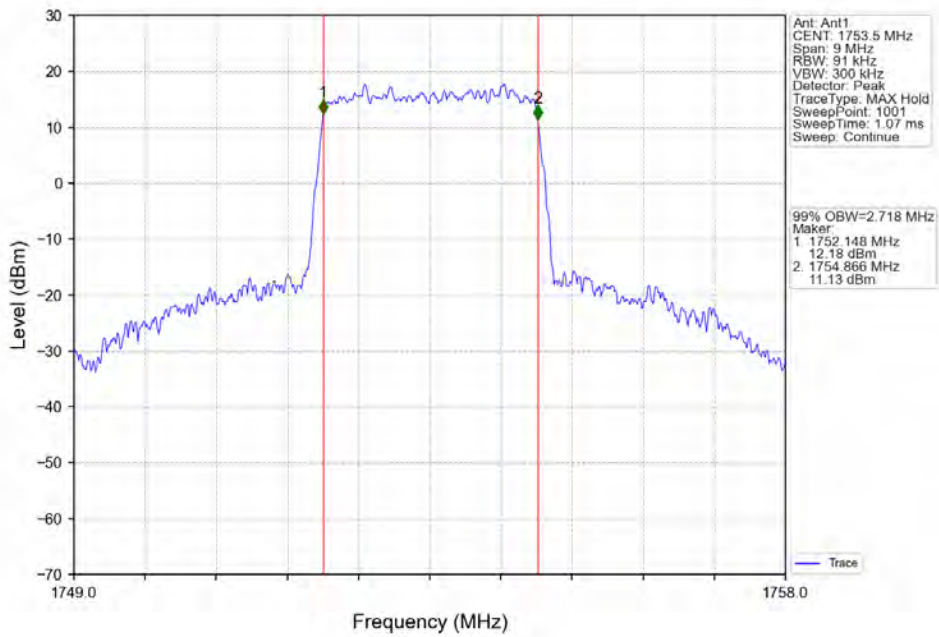
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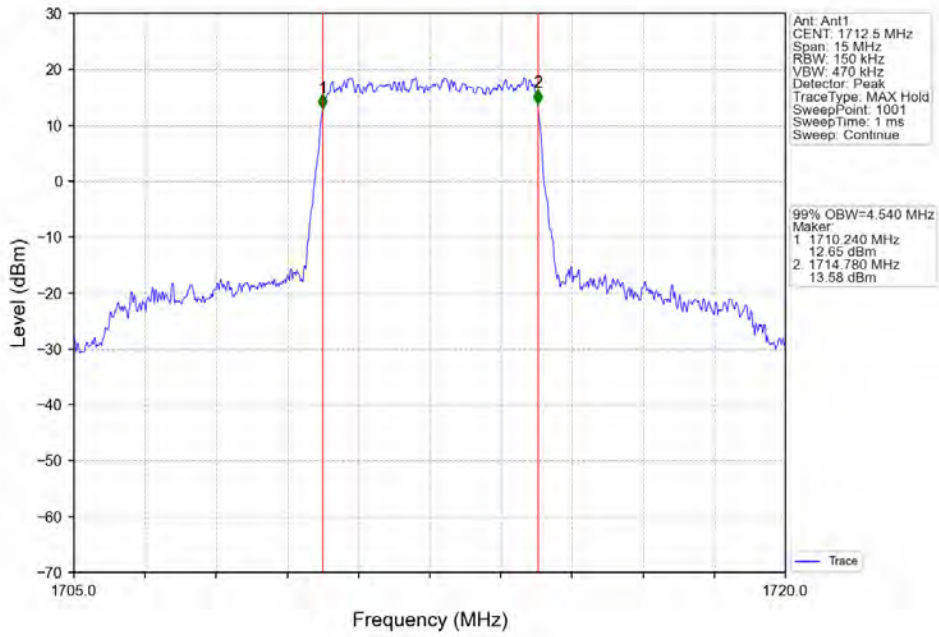
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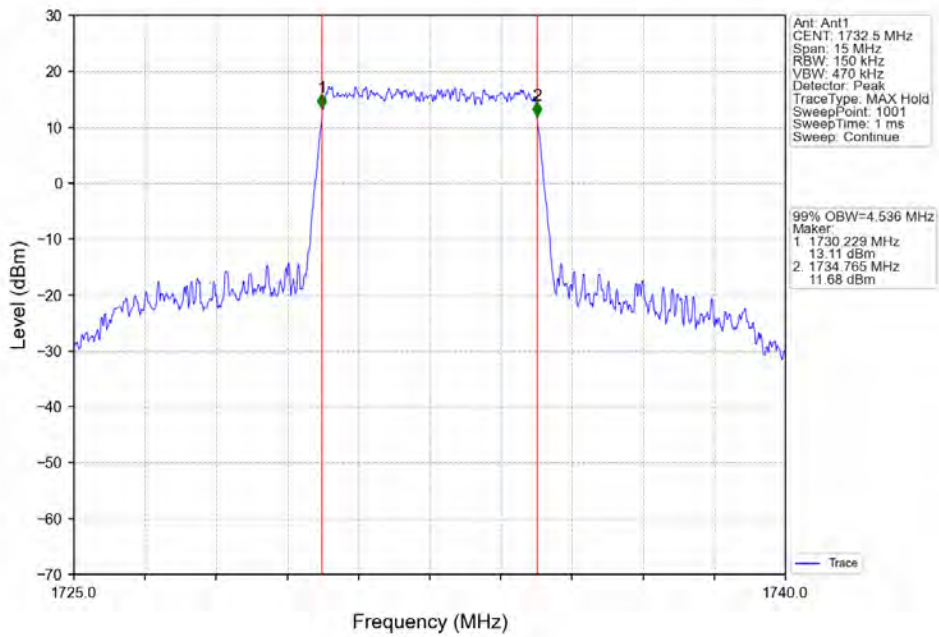
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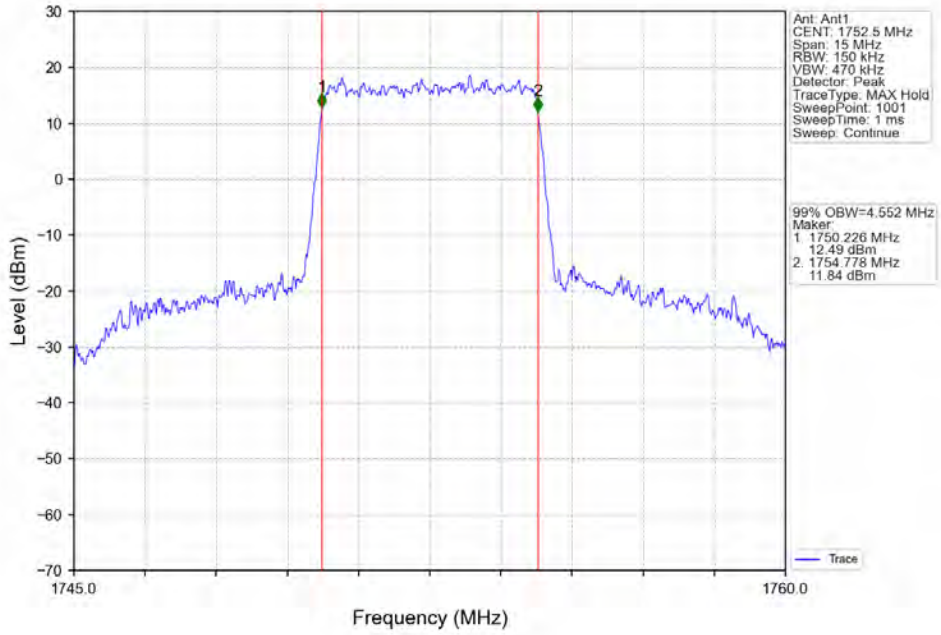
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



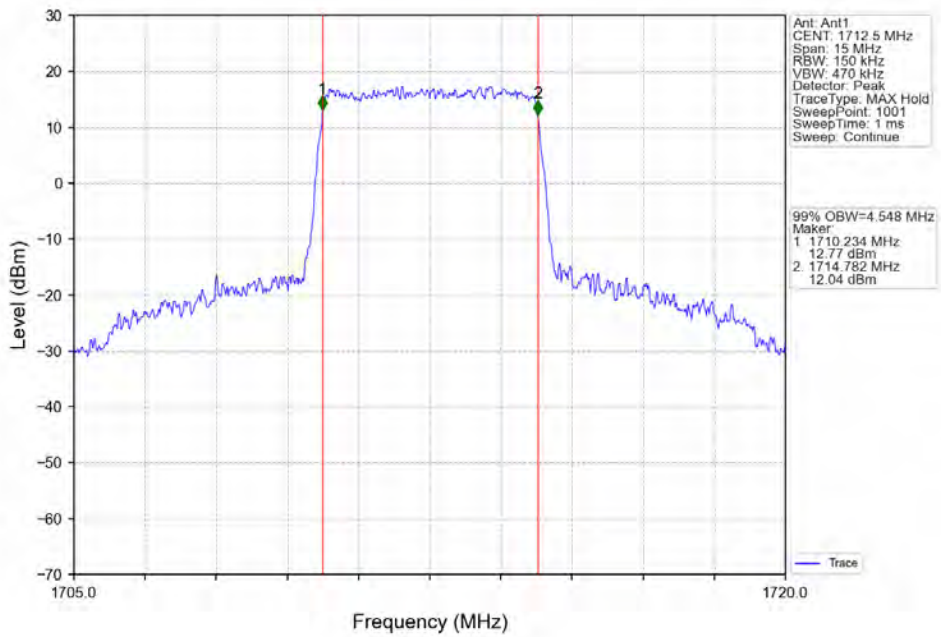
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



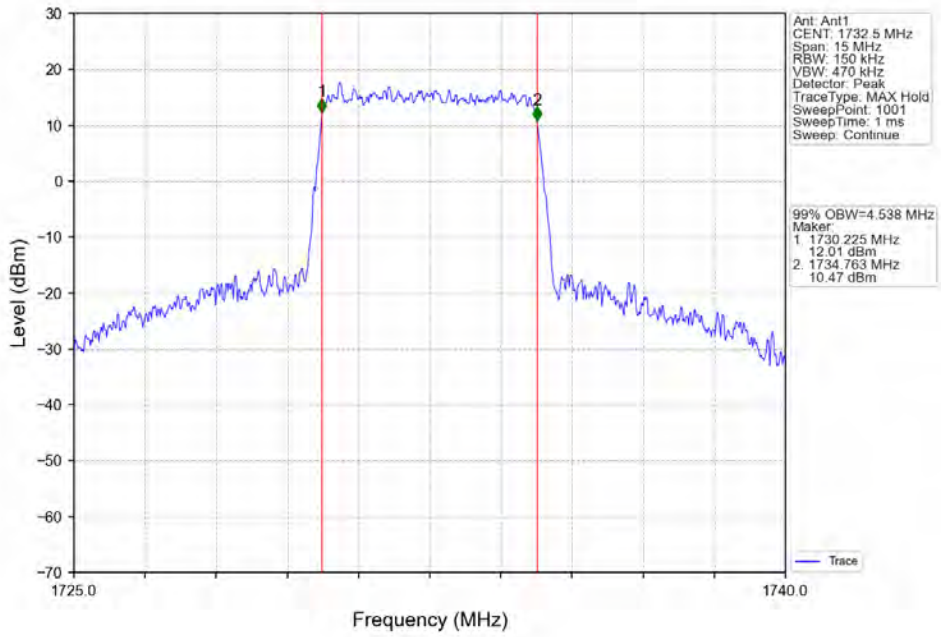
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



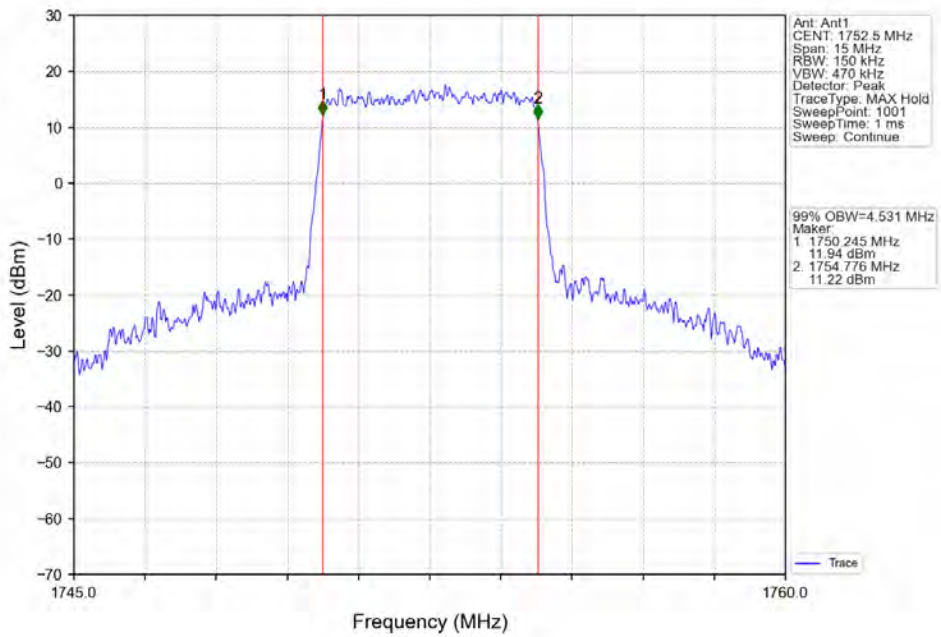
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



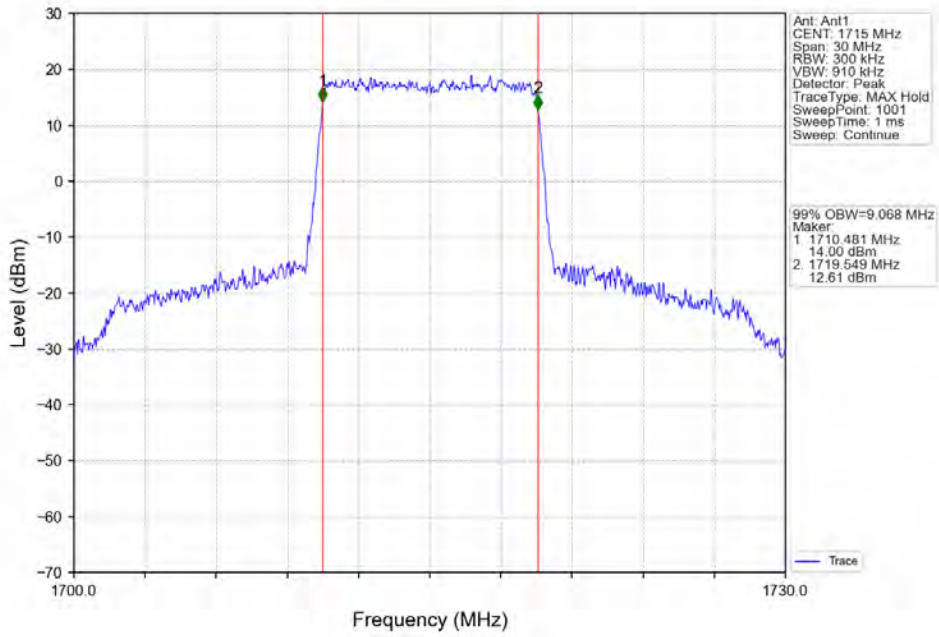
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



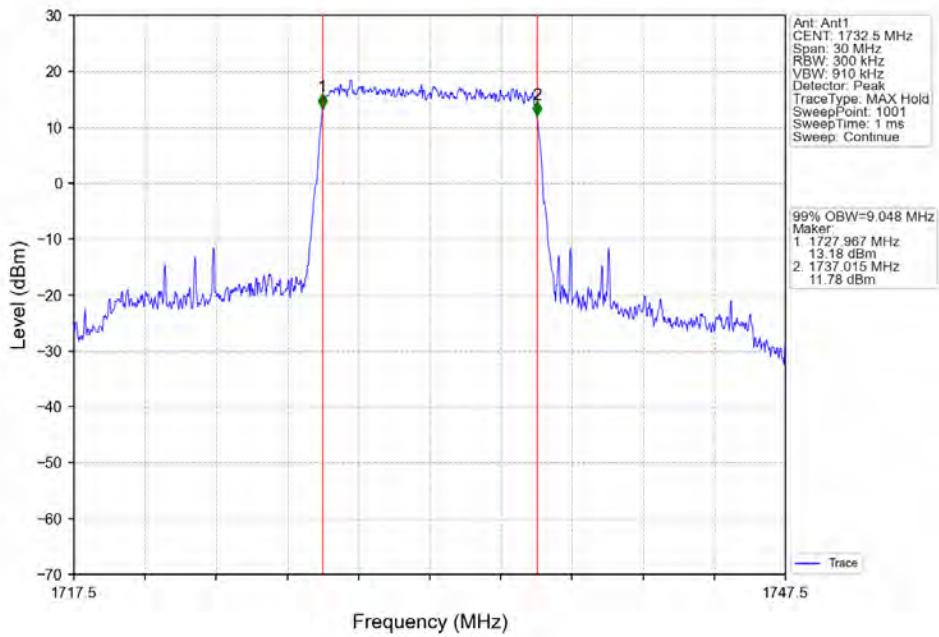
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



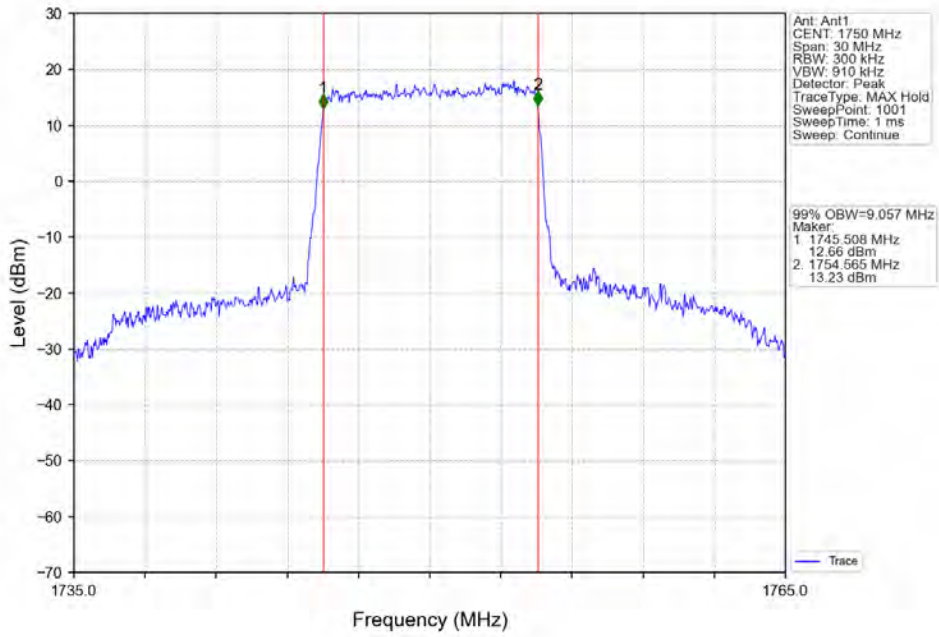
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



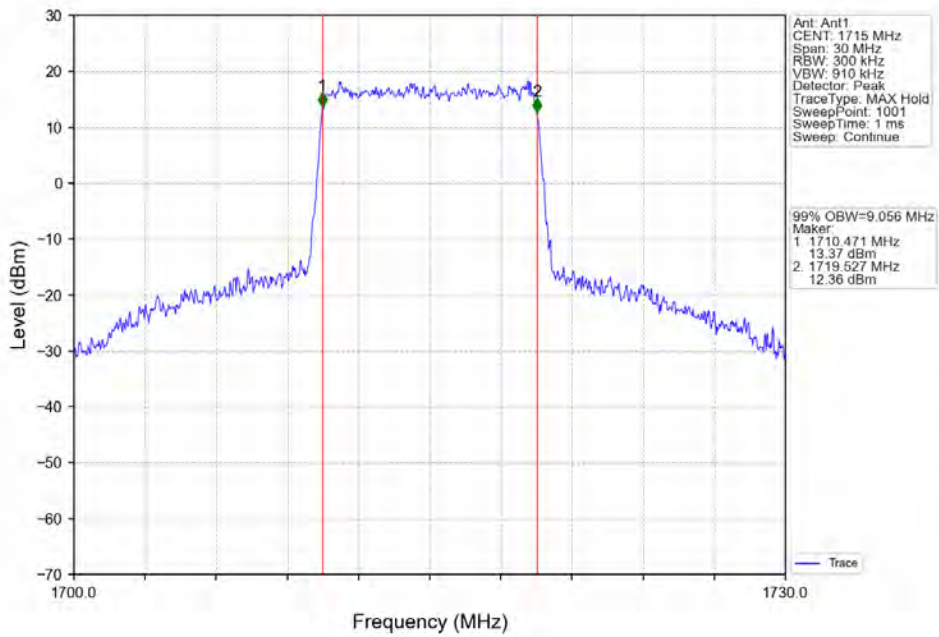
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



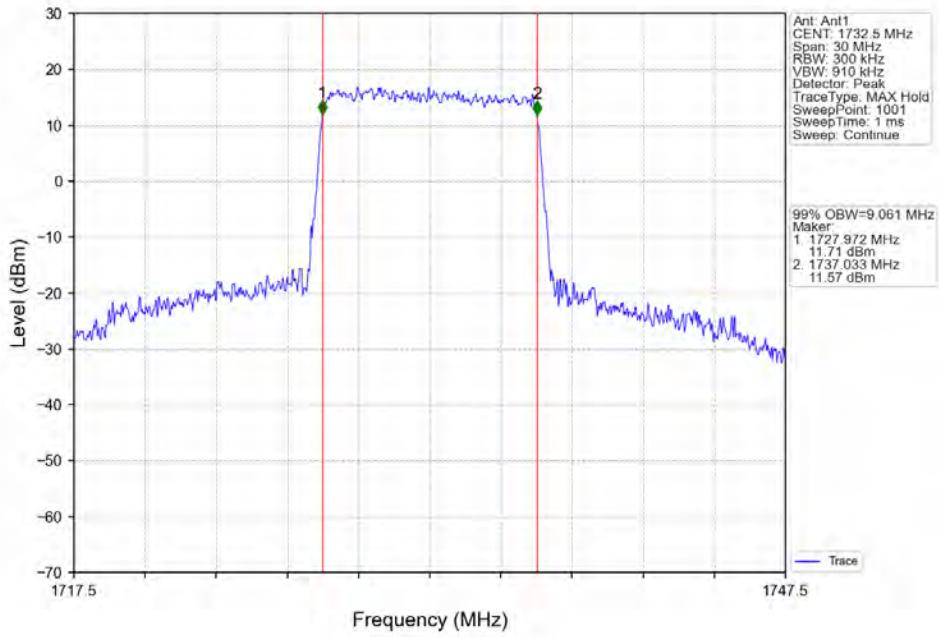
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



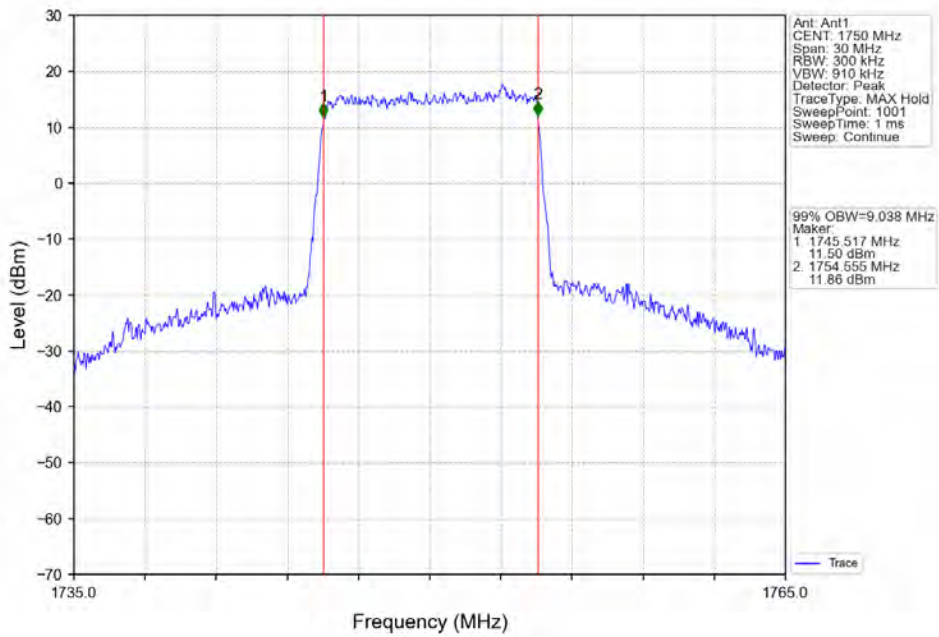
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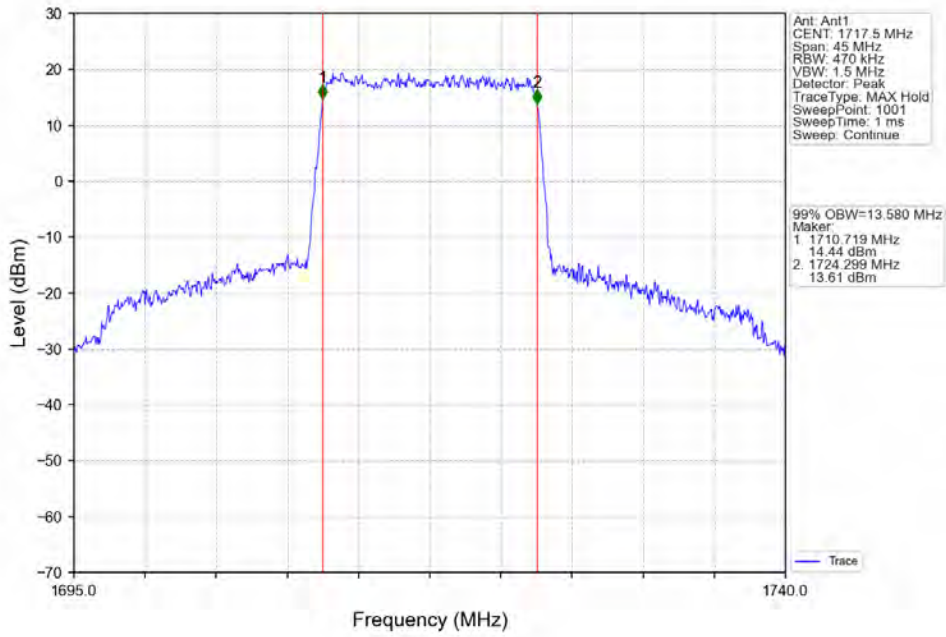
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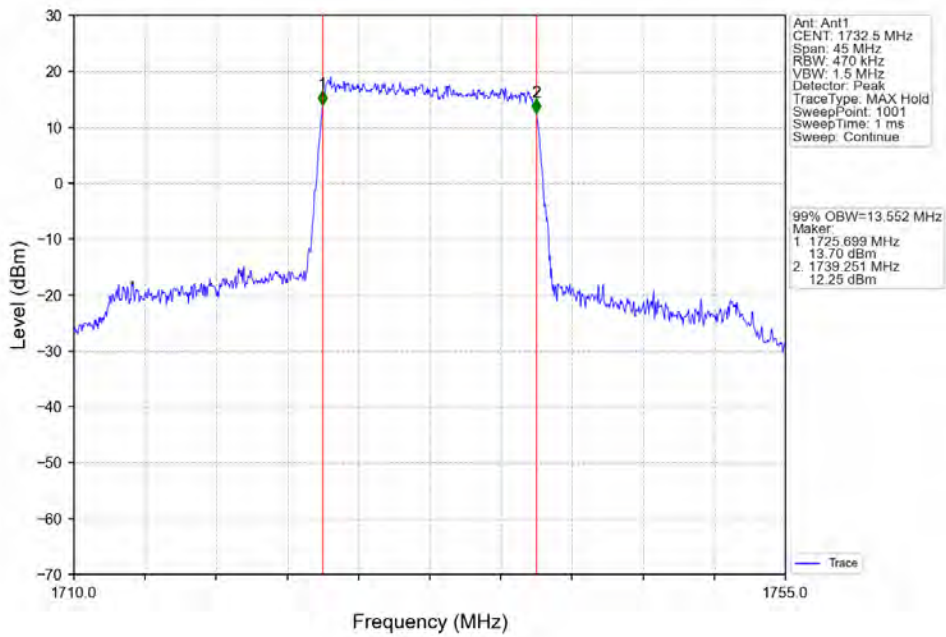
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



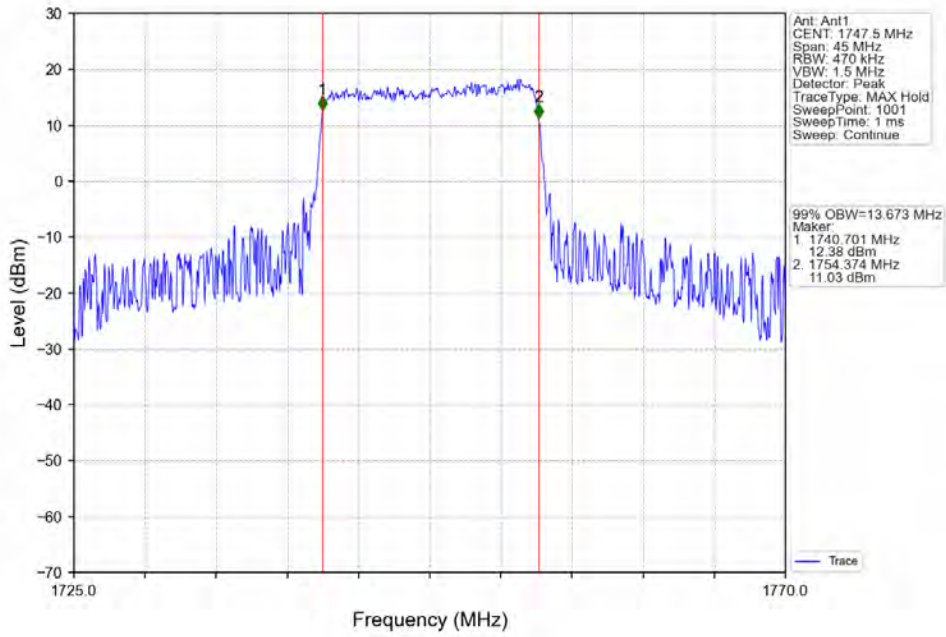
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



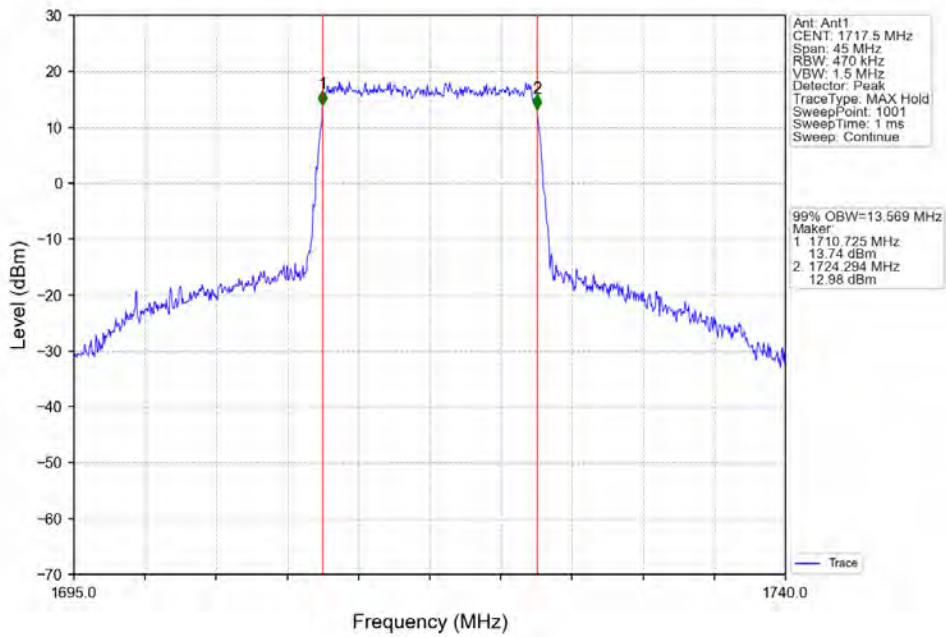
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



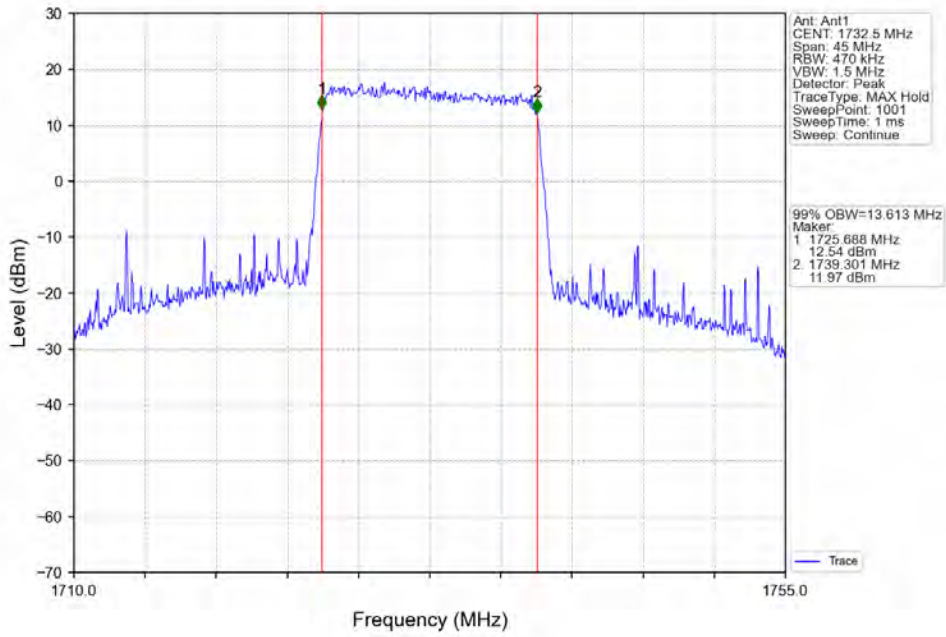
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



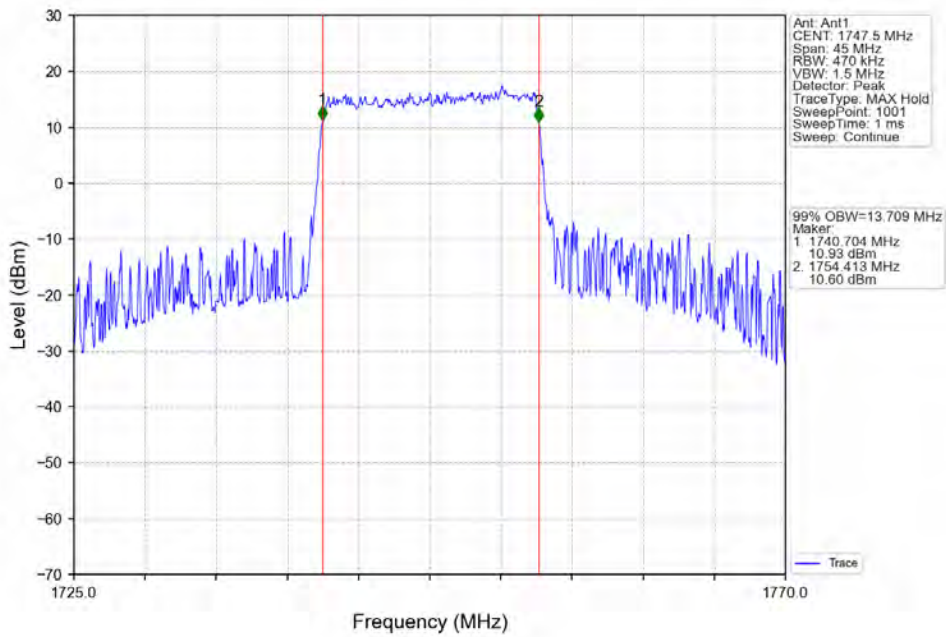
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



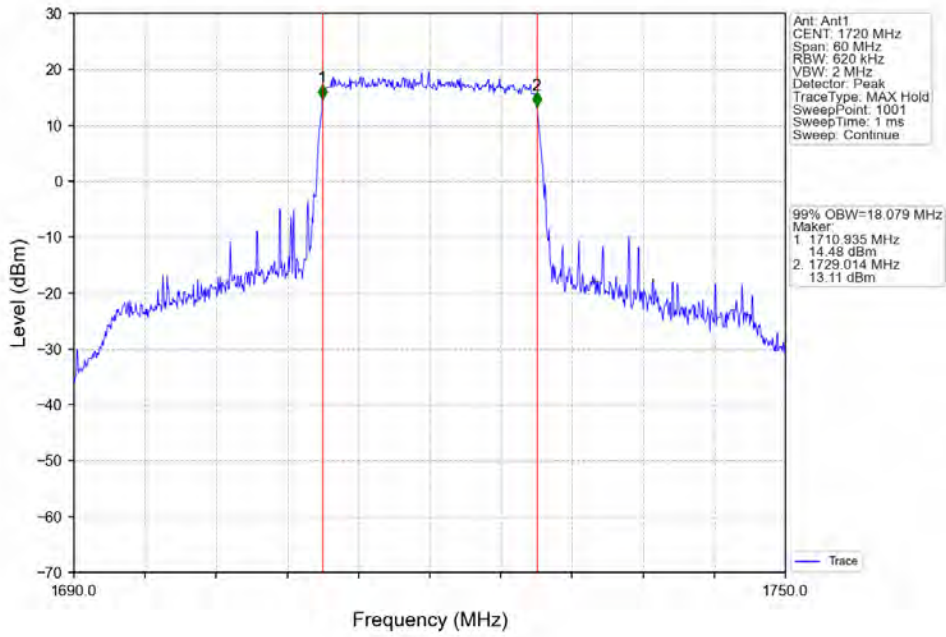
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



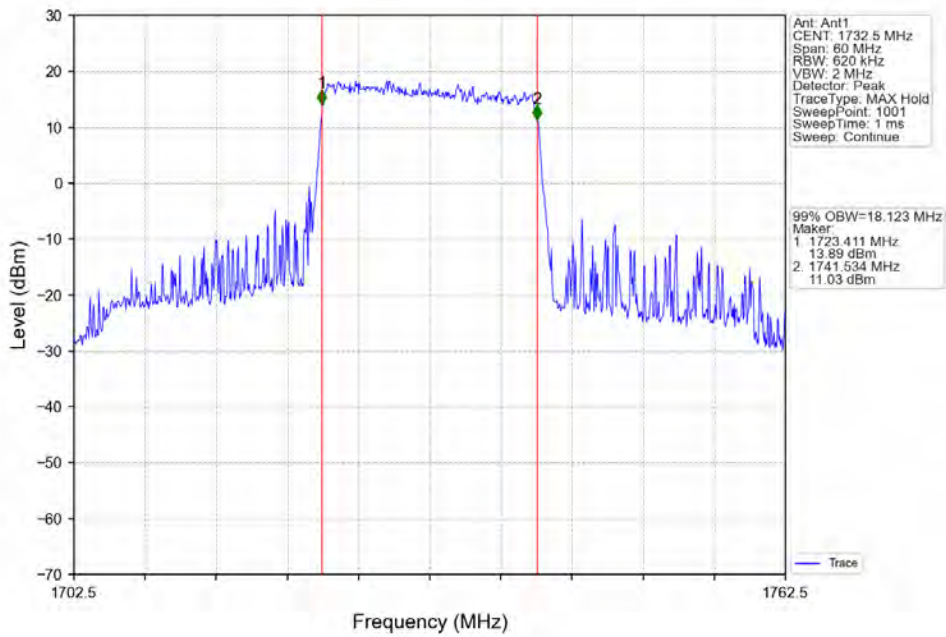
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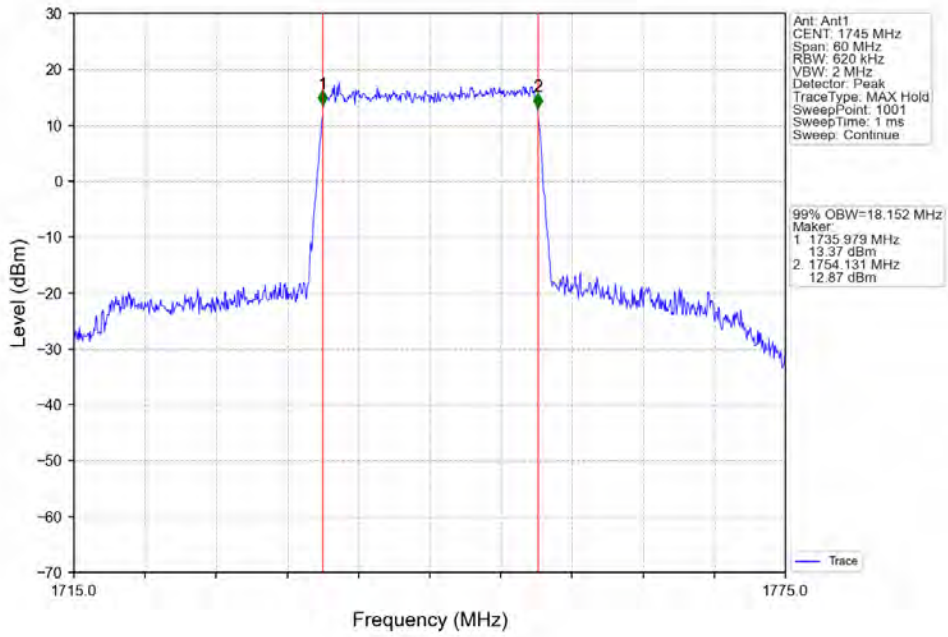
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



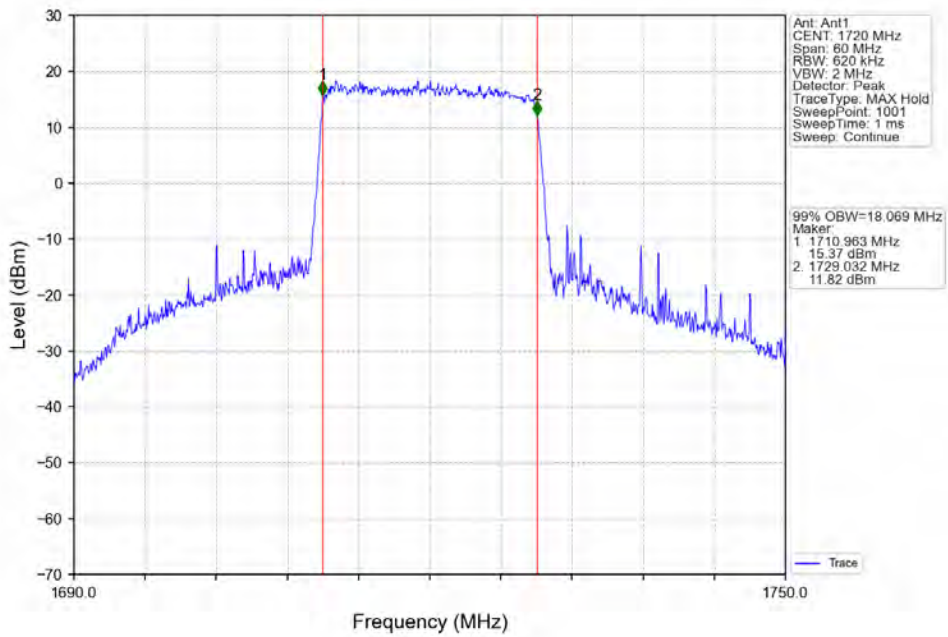
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



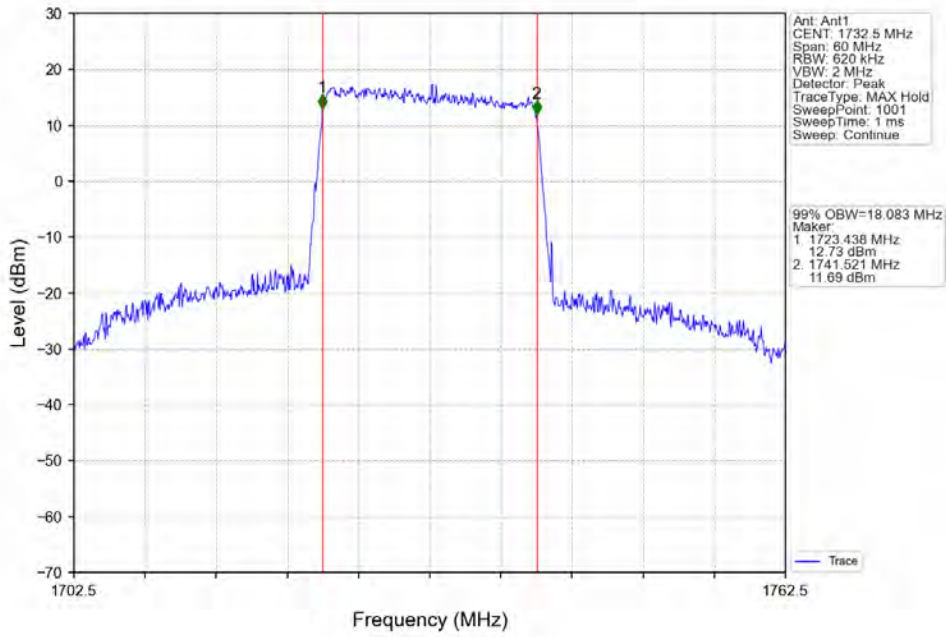
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



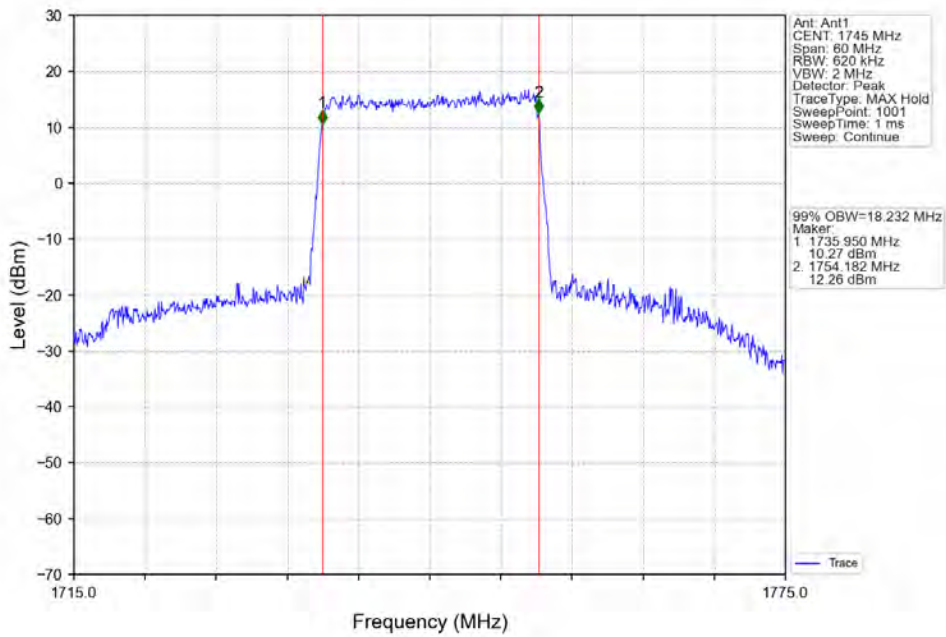
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

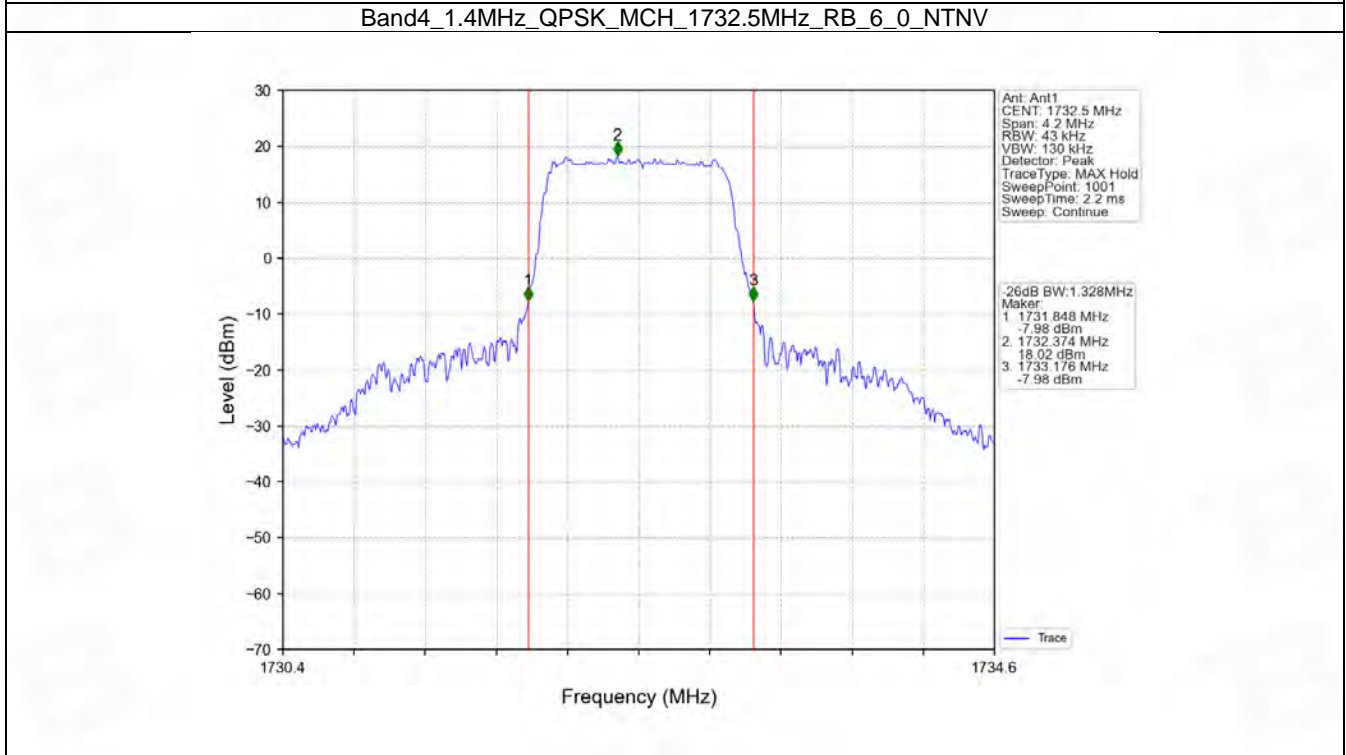
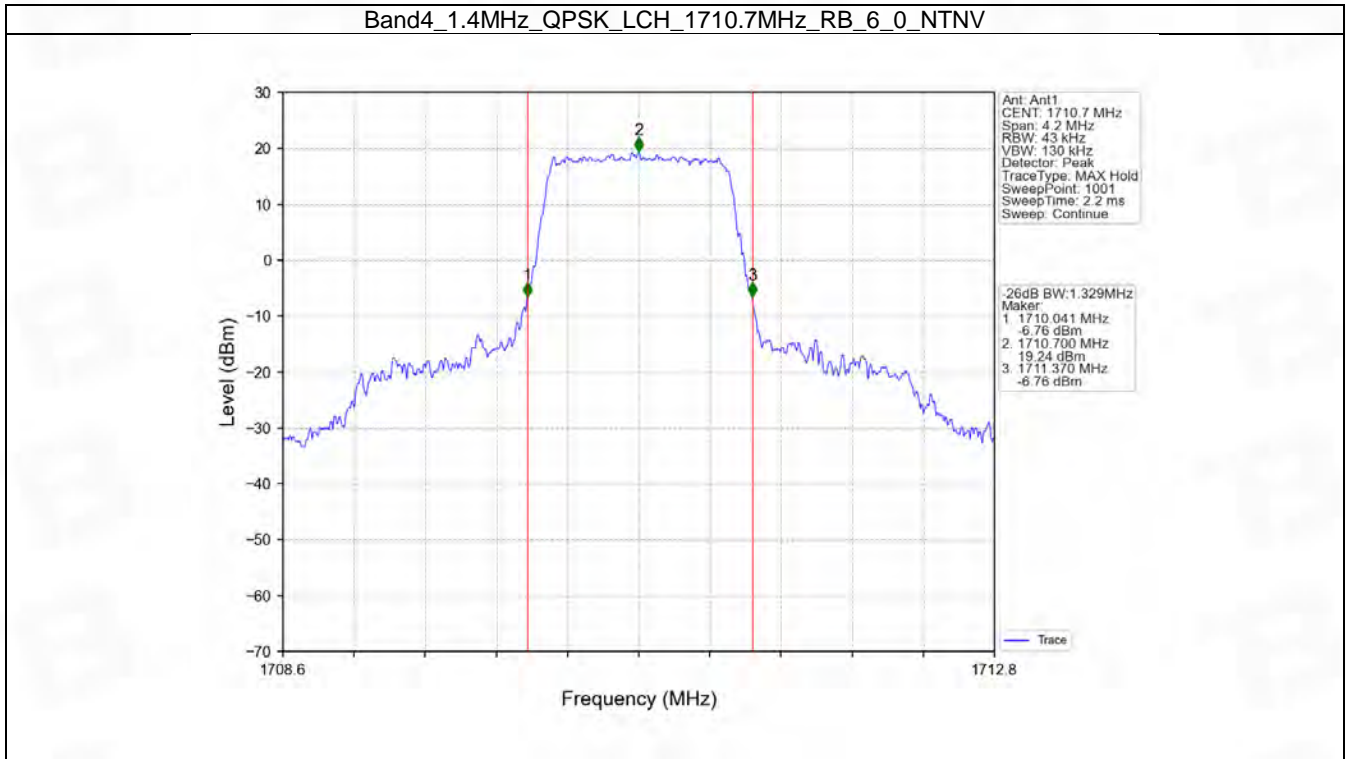


4.2 Band4_XDB

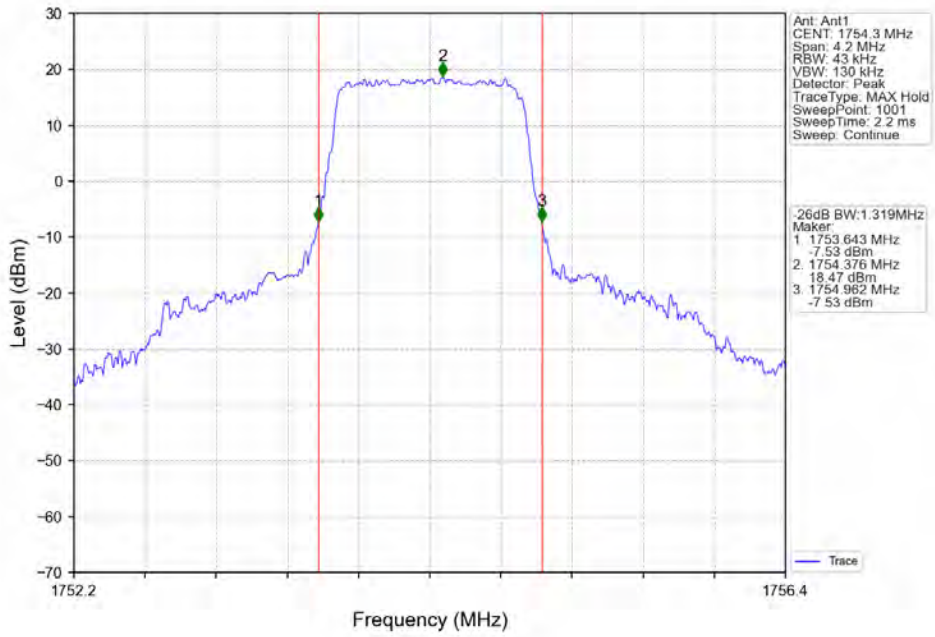
4.2.1 Test Result

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	1.329	/	Pass
		1732.5	6	0	1.328	/	Pass
		1754.3	6	0	1.319	/	Pass
	16QAM	1710.7	6	0	1.311	/	Pass
		1732.5	6	0	1.329	/	Pass
		1754.3	6	0	1.318	/	Pass
3	QPSK	1711.5	15	0	3.008	/	Pass
		1732.5	15	0	2.970	/	Pass
		1753.5	15	0	2.993	/	Pass
	16QAM	1711.5	15	0	3.011	/	Pass
		1732.5	15	0	2.983	/	Pass
		1753.5	15	0	3.007	/	Pass
5	QPSK	1712.5	25	0	5.044	/	Pass
		1732.5	25	0	5.023	/	Pass
		1752.5	25	0	5.000	/	Pass
	16QAM	1712.5	25	0	5.007	/	Pass
		1732.5	25	0	5.004	/	Pass
		1752.5	25	0	5.006	/	Pass
10	QPSK	1715	50	0	9.931	/	Pass
		1732.5	50	0	9.930	/	Pass
		1750	50	0	9.958	/	Pass
	16QAM	1715	50	0	9.925	/	Pass
		1732.5	50	0	9.999	/	Pass
		1750	50	0	9.900	/	Pass
15	QPSK	1717.5	75	0	14.913	/	Pass
		1732.5	75	0	14.859	/	Pass
		1747.5	75	0	21.074	/	Pass
	16QAM	1717.5	75	0	14.900	/	Pass
		1732.5	75	0	14.858	/	Pass
		1747.5	75	0	18.214	/	Pass
20	QPSK	1720	100	0	22.510	/	Pass
		1732.5	100	0	28.760	/	Pass
		1745	100	0	19.718	/	Pass
	16QAM	1720	100	0	19.609	/	Pass
		1732.5	100	0	19.775	/	Pass
		1745	100	0	19.808	/	Pass

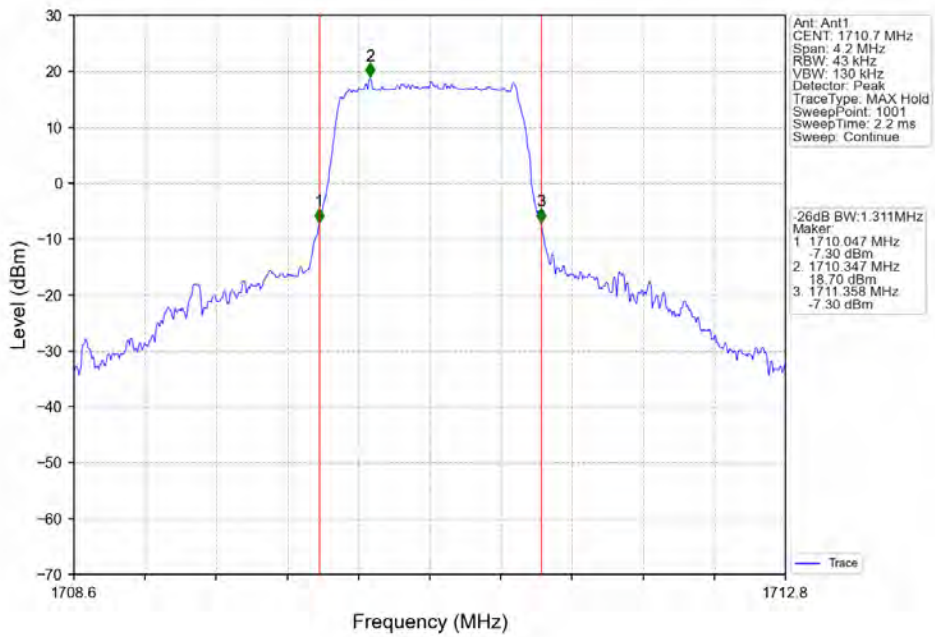
4.2.2 Test Graph



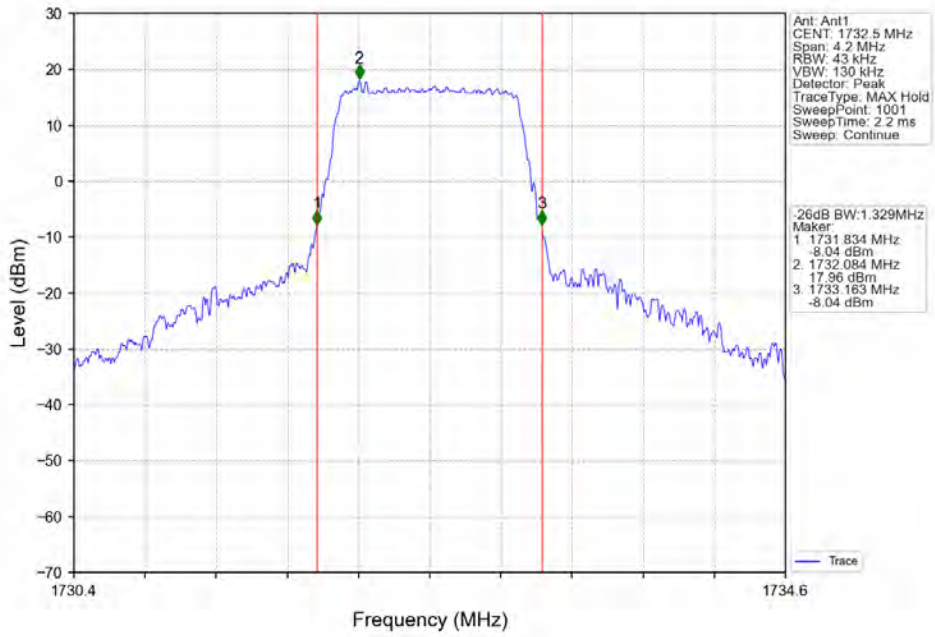
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



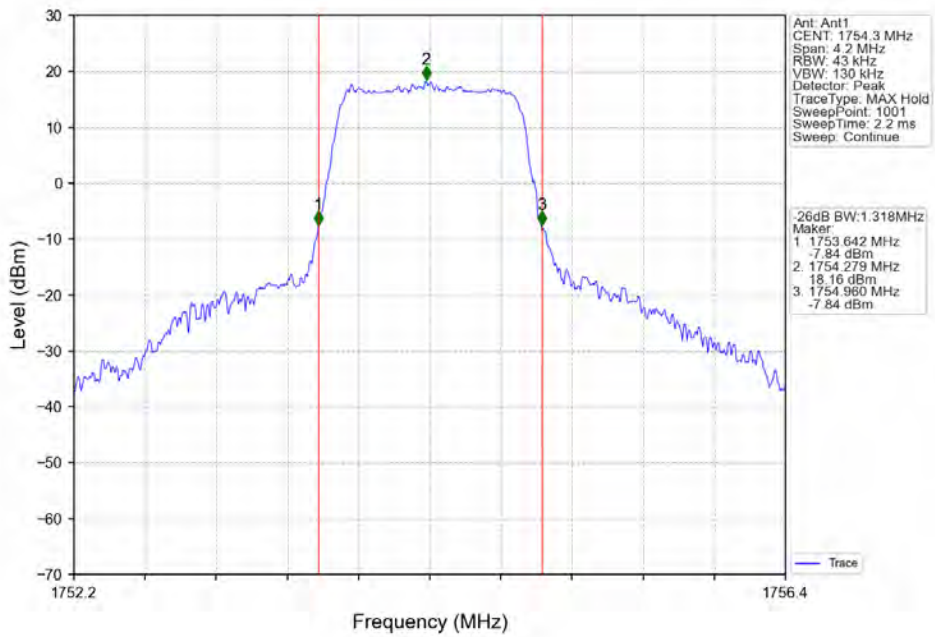
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



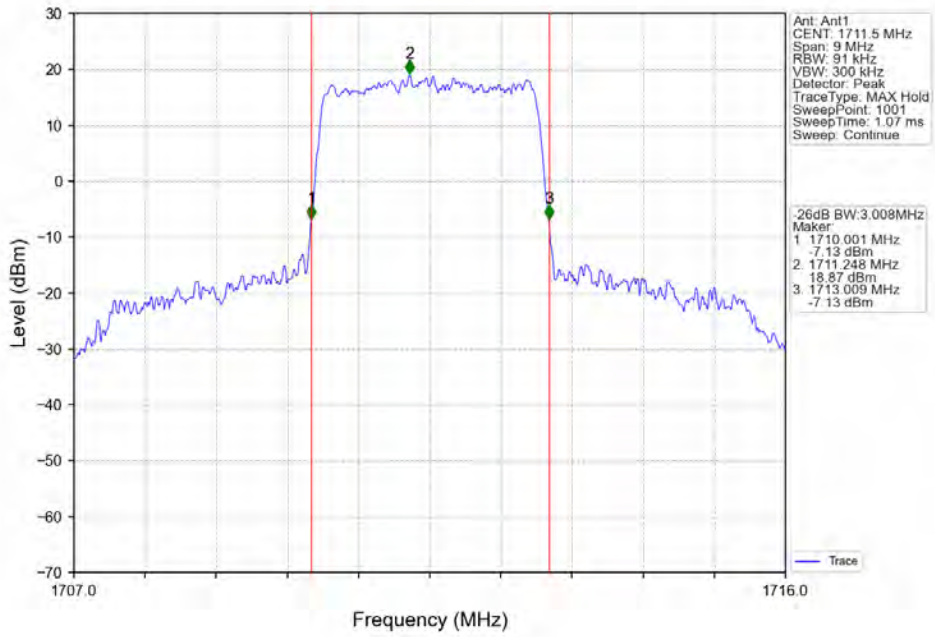
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



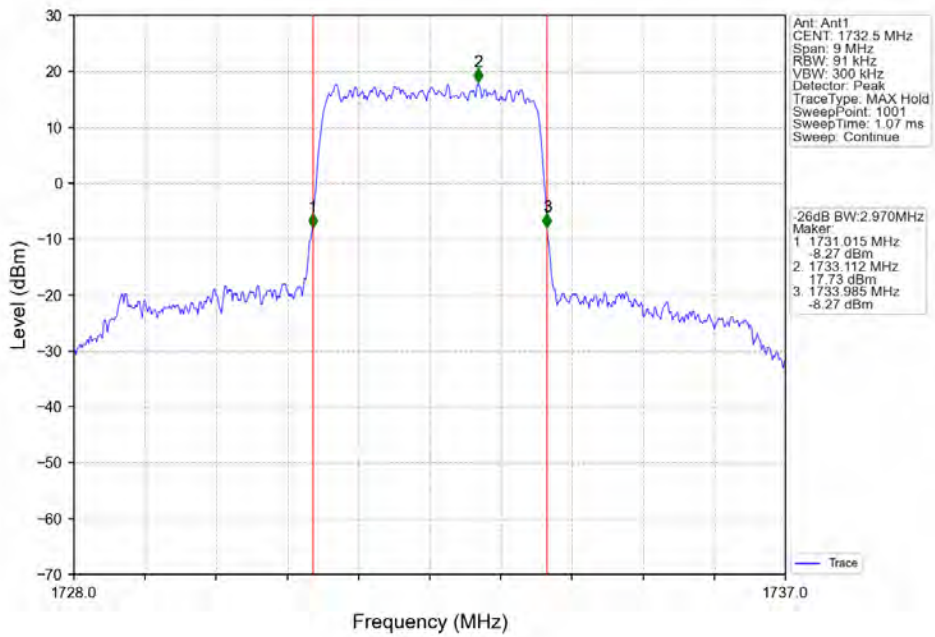
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



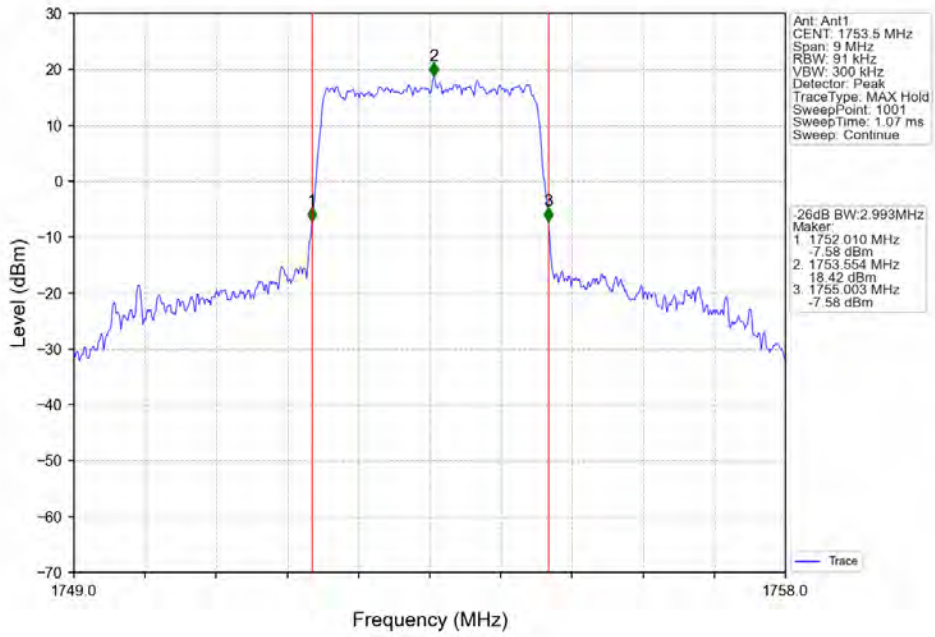
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



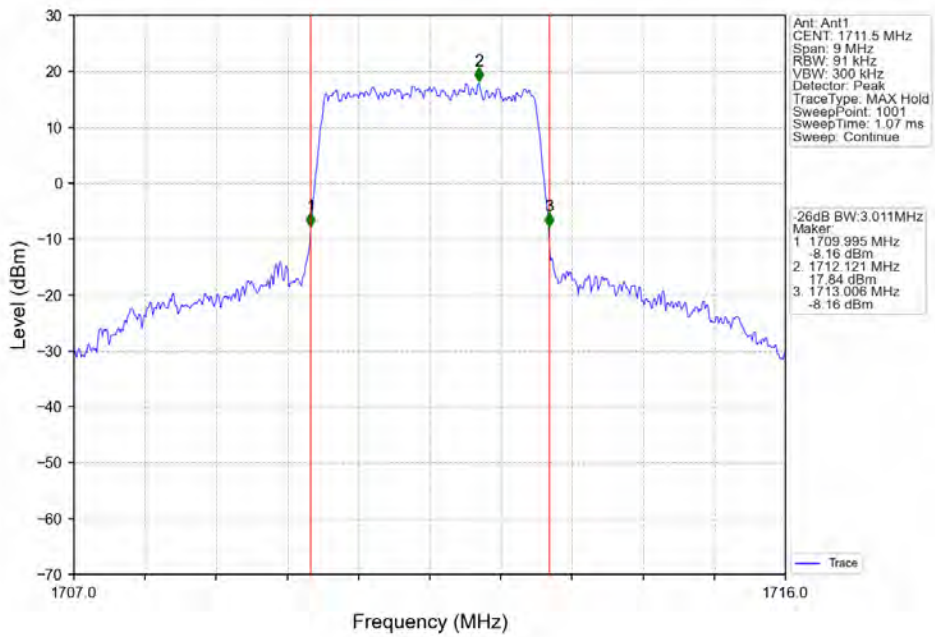
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



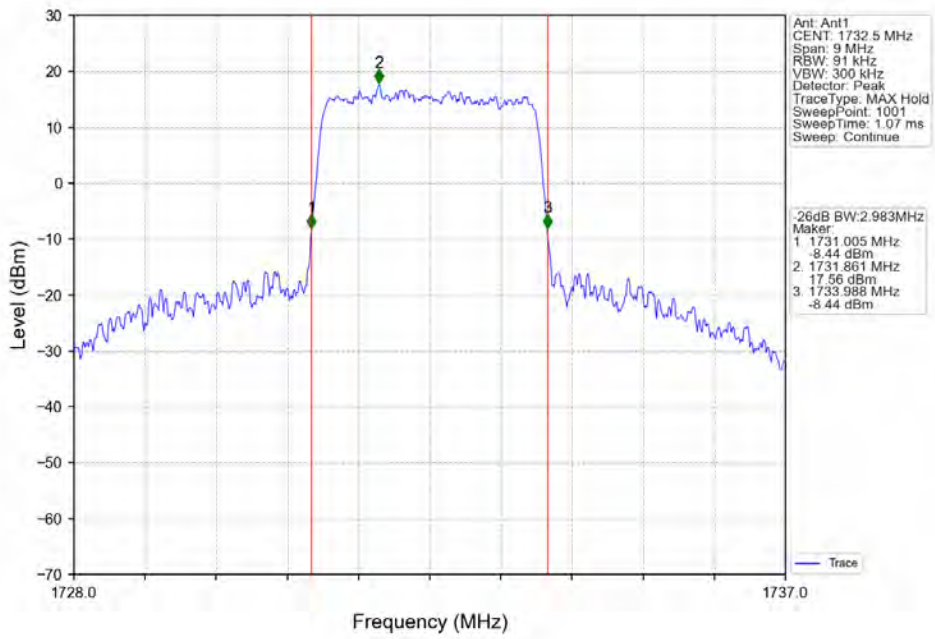
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



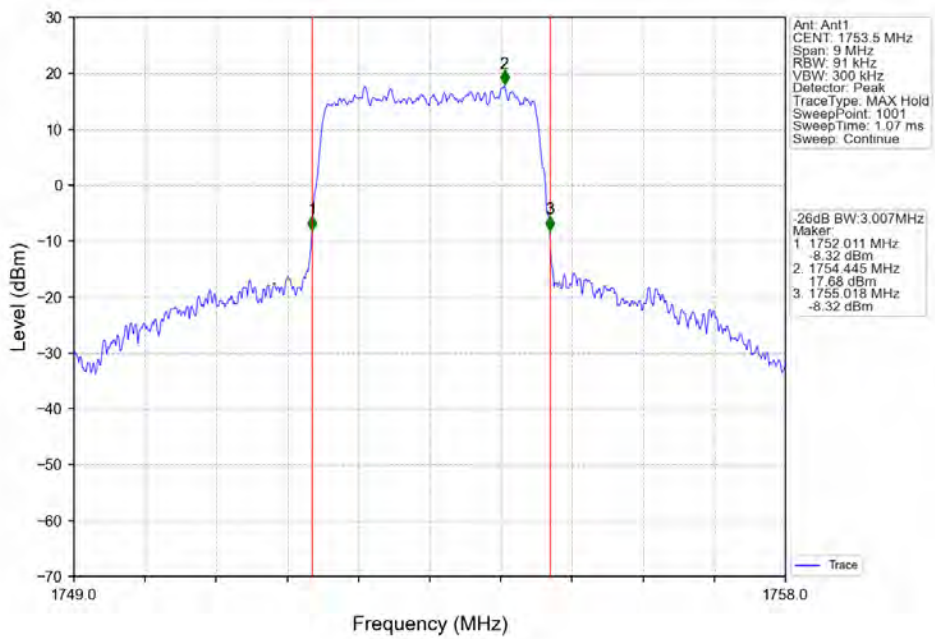
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



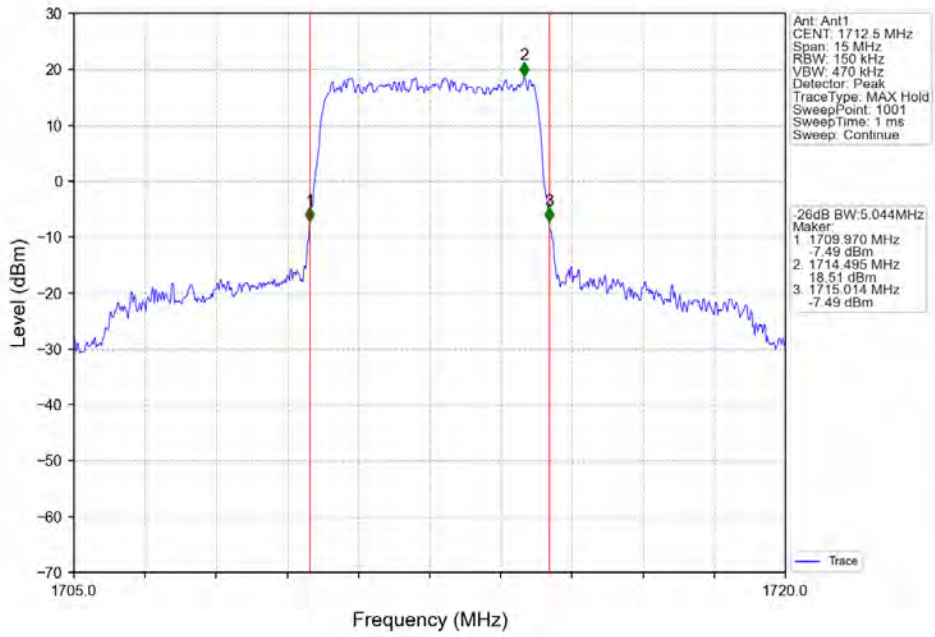
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



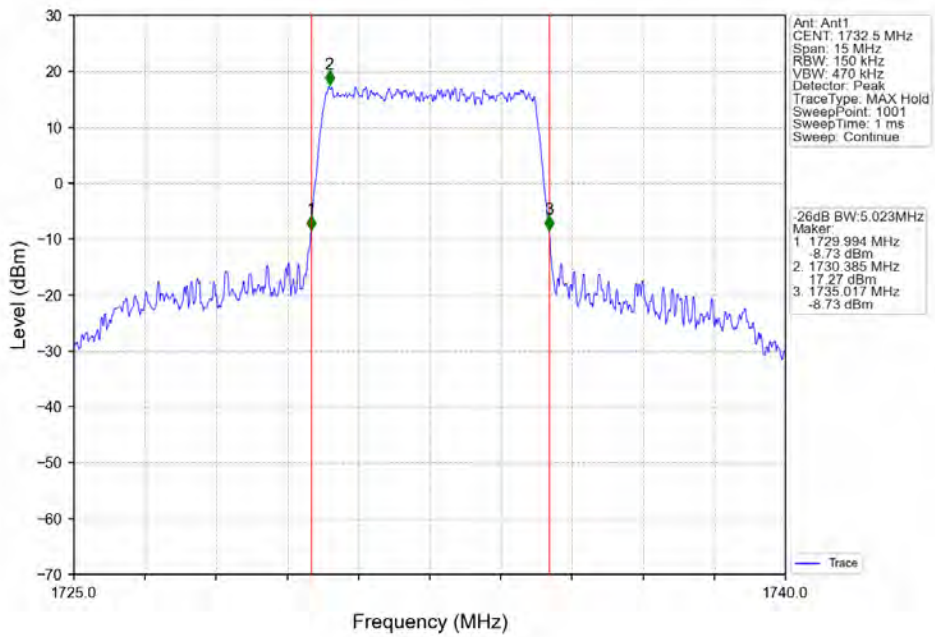
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



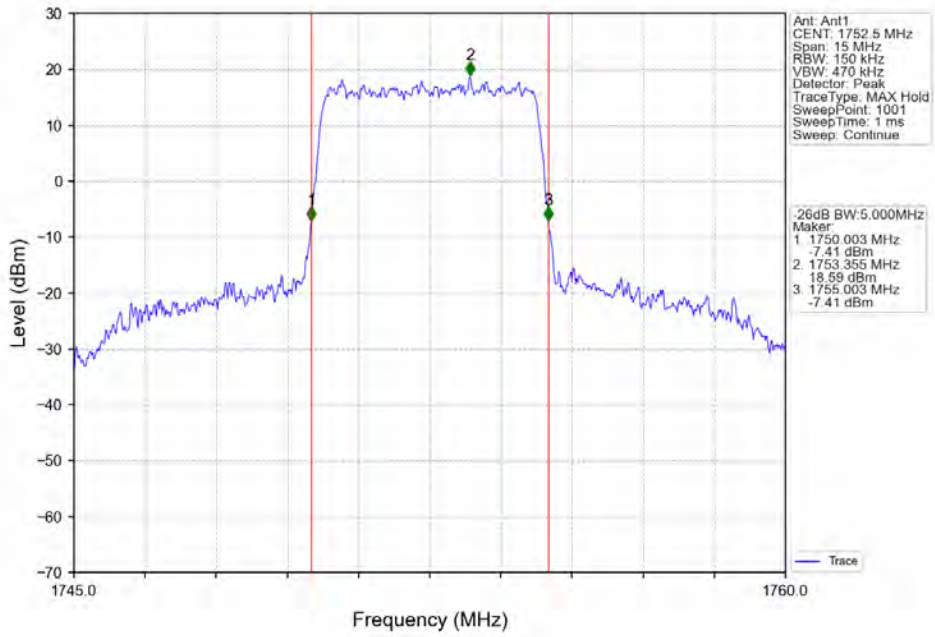
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



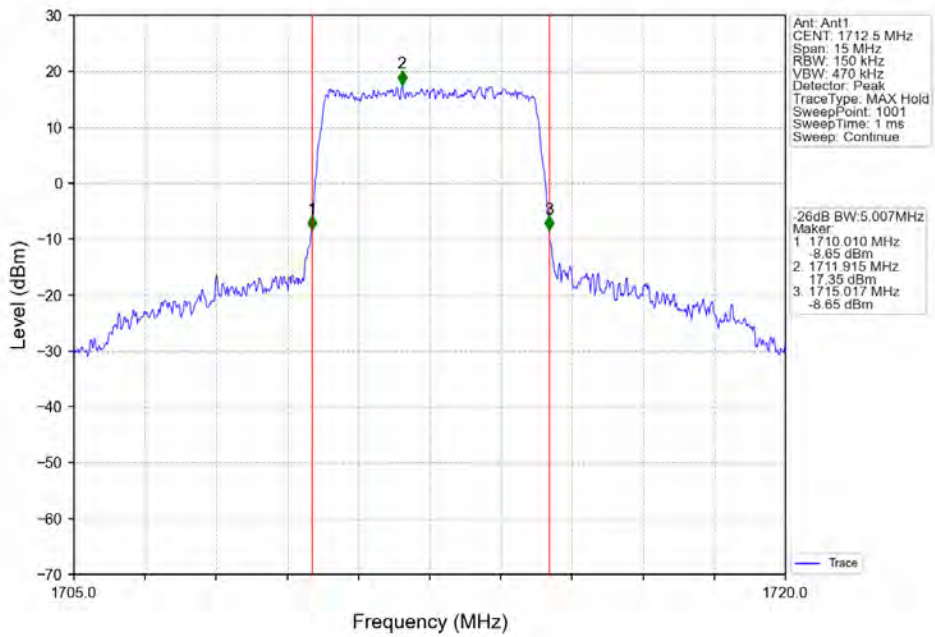
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



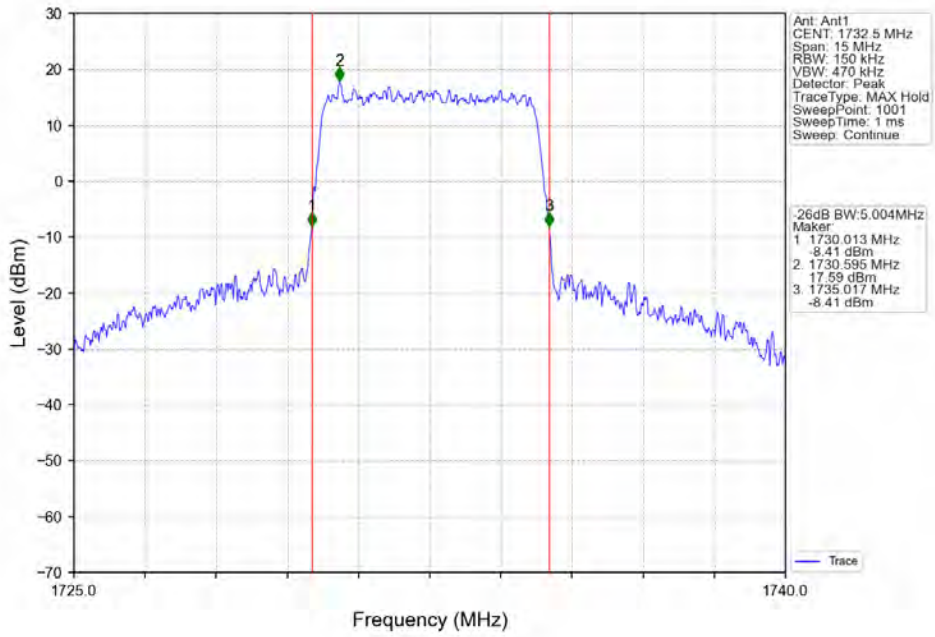
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



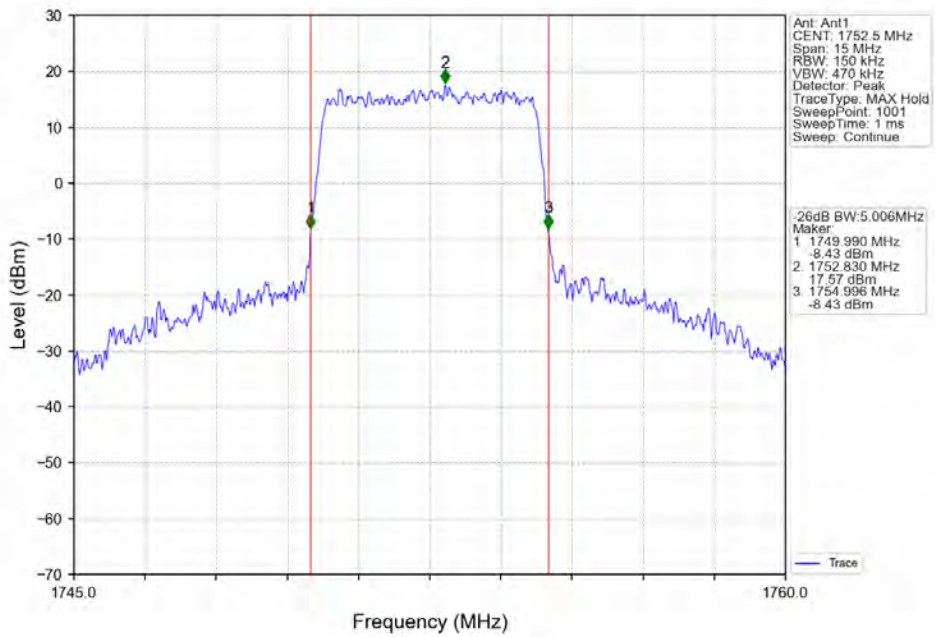
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



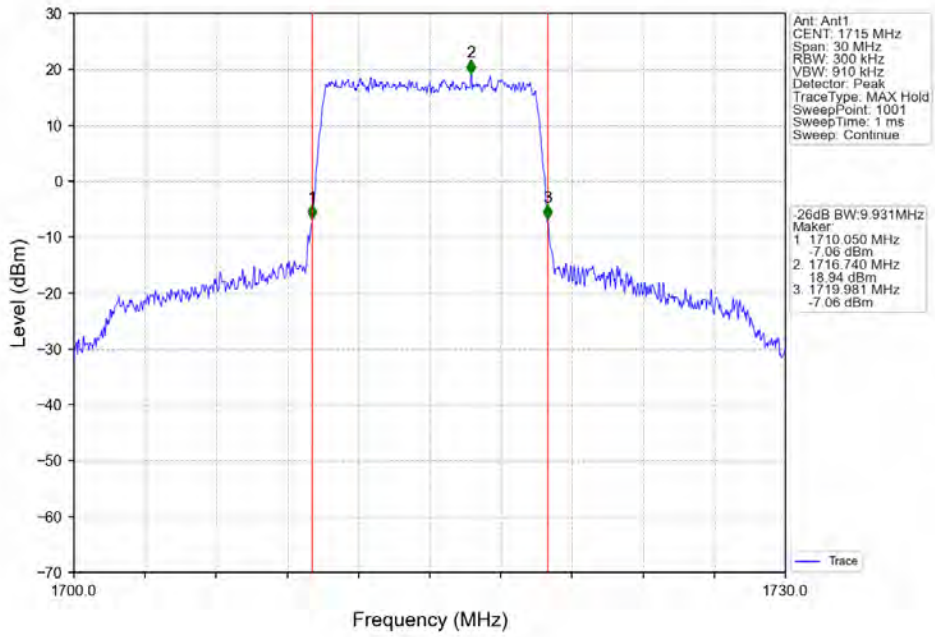
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



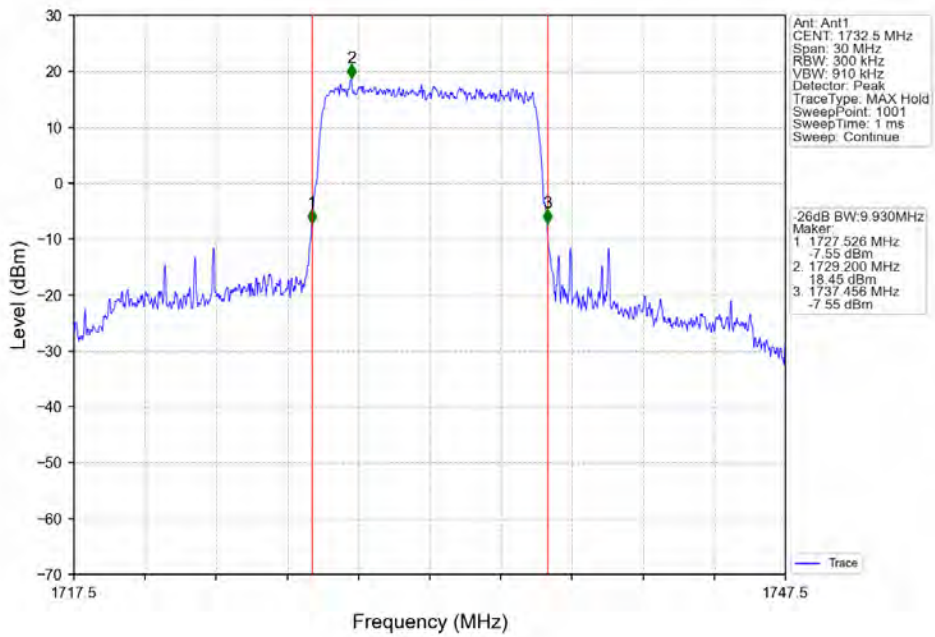
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



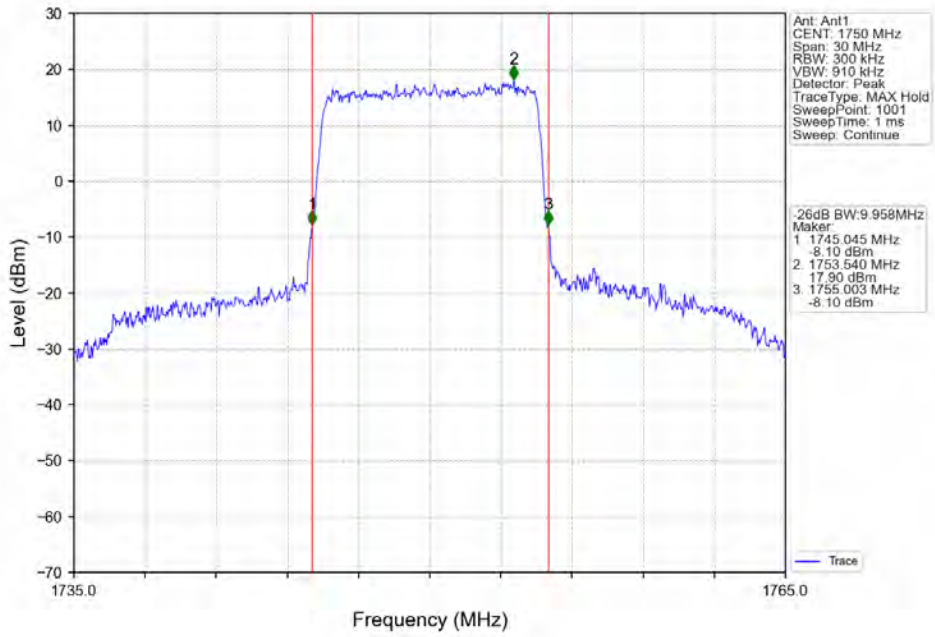
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



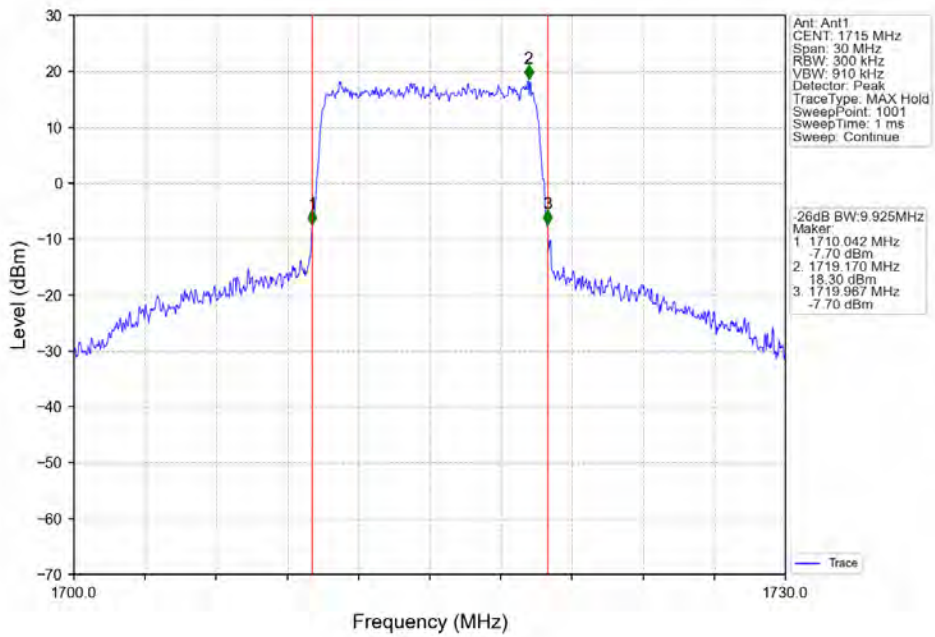
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



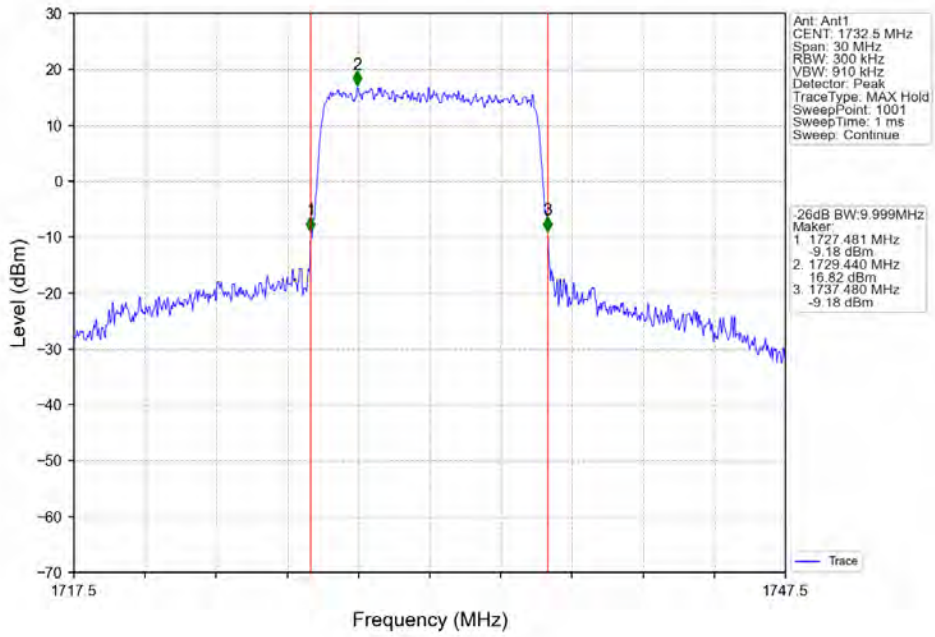
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



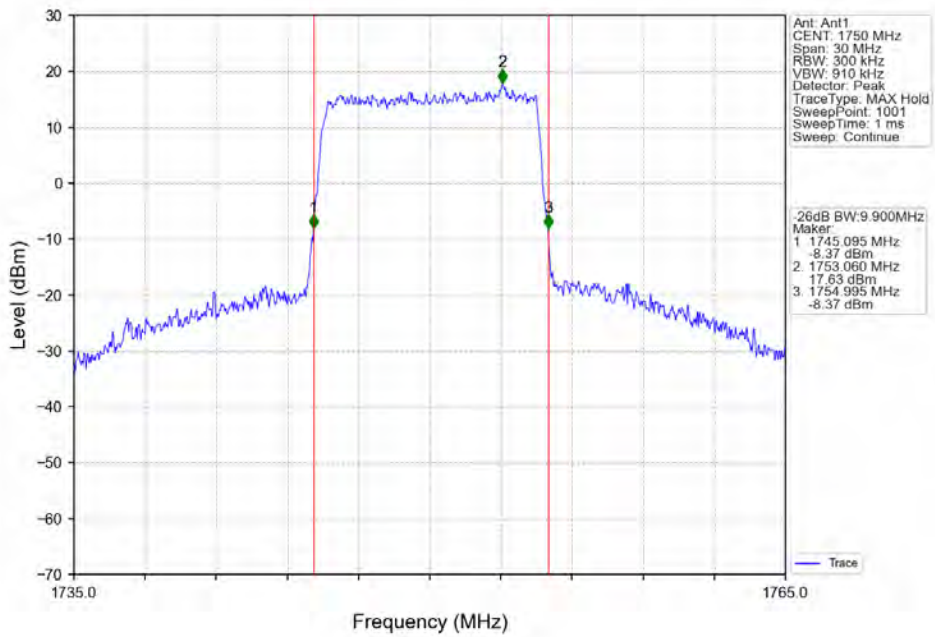
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



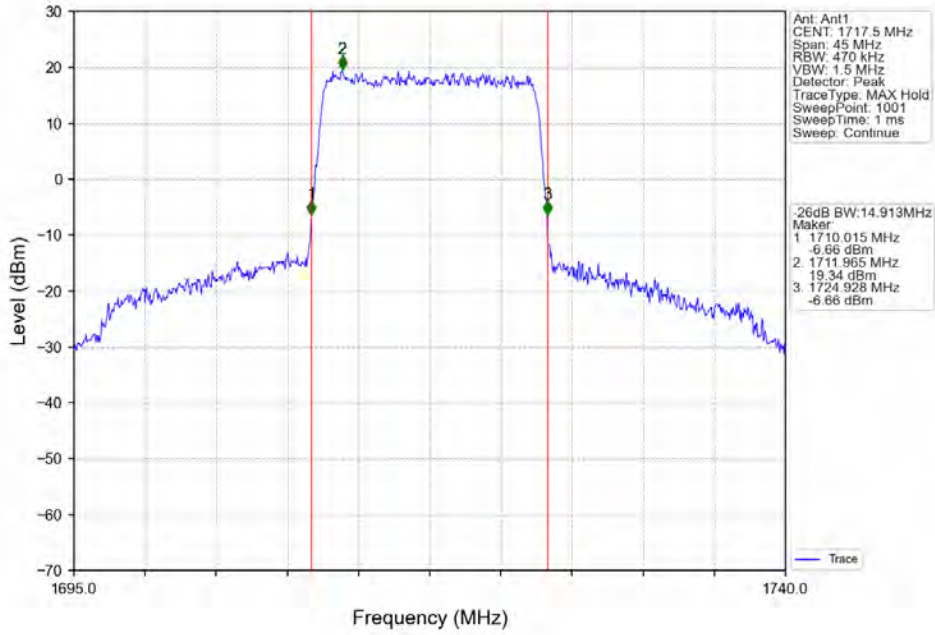
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



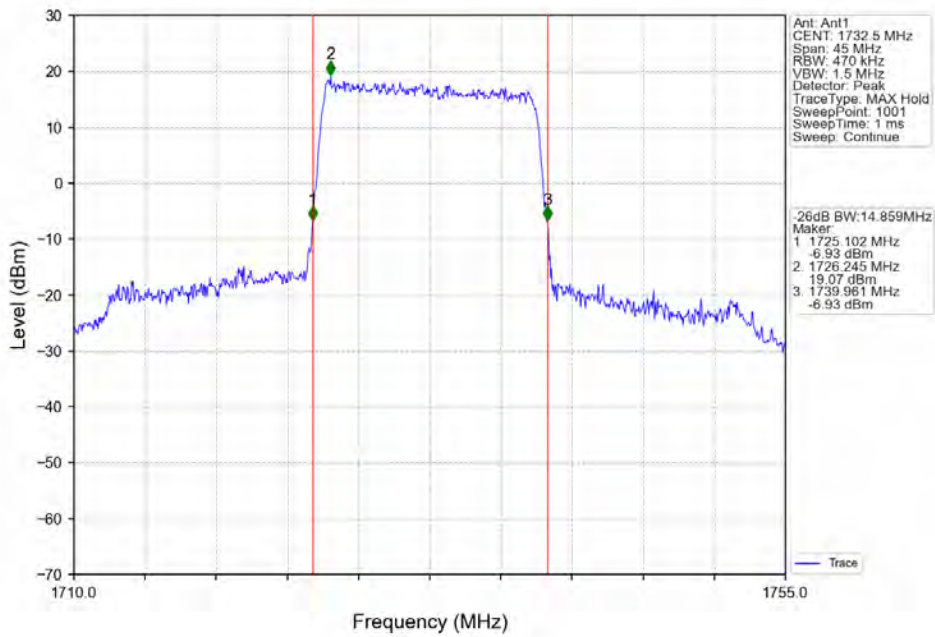
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



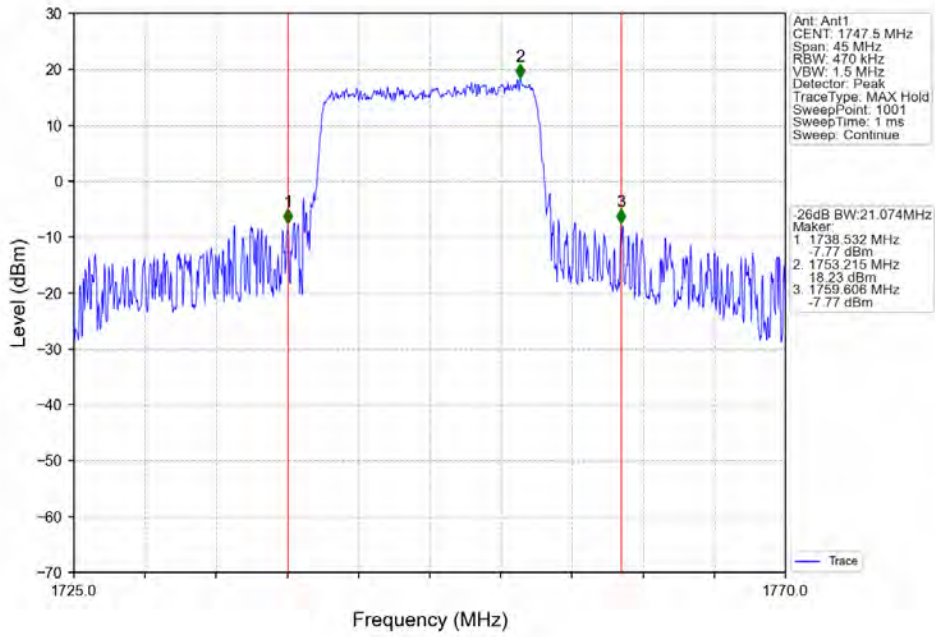
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



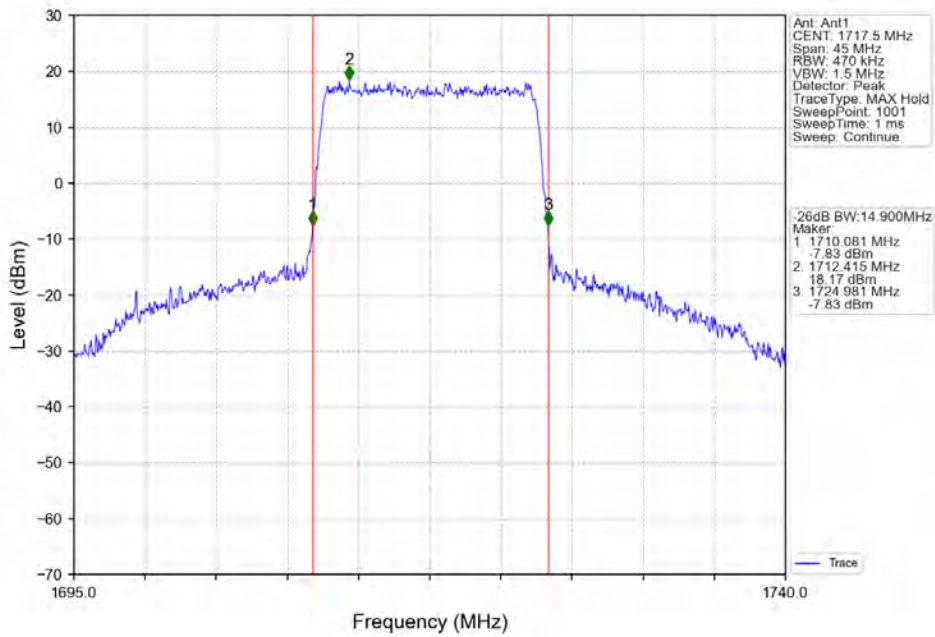
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



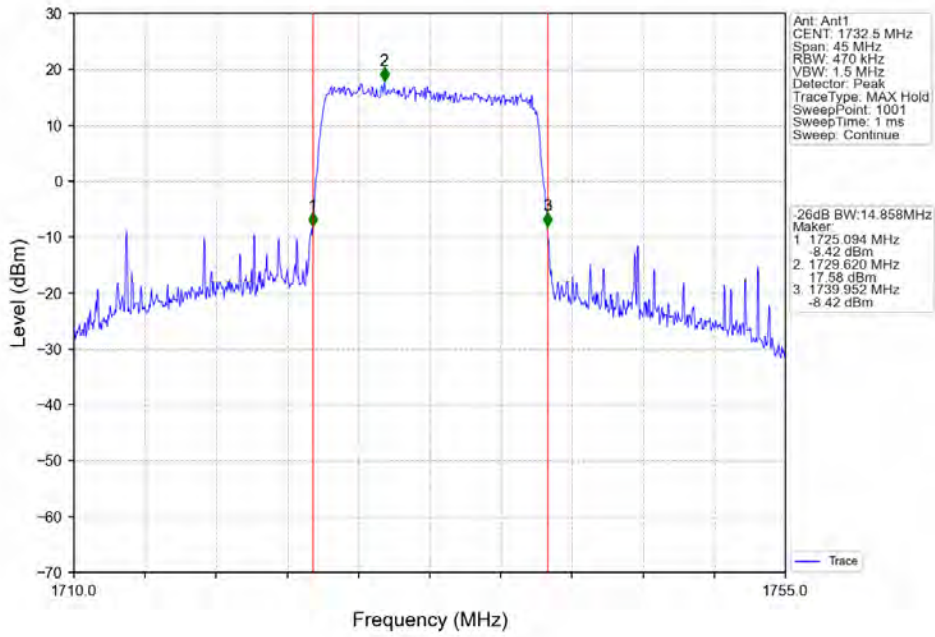
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



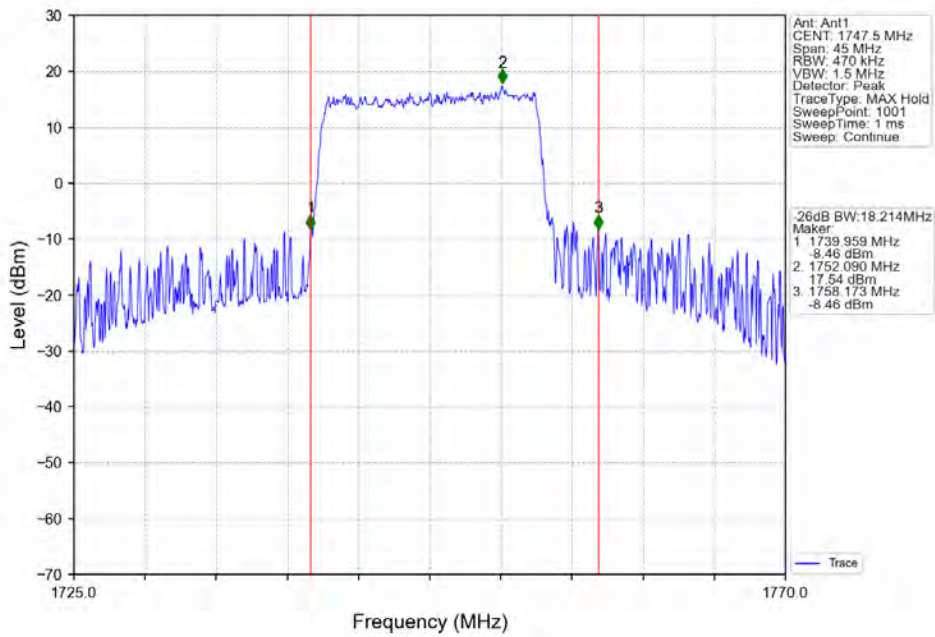
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



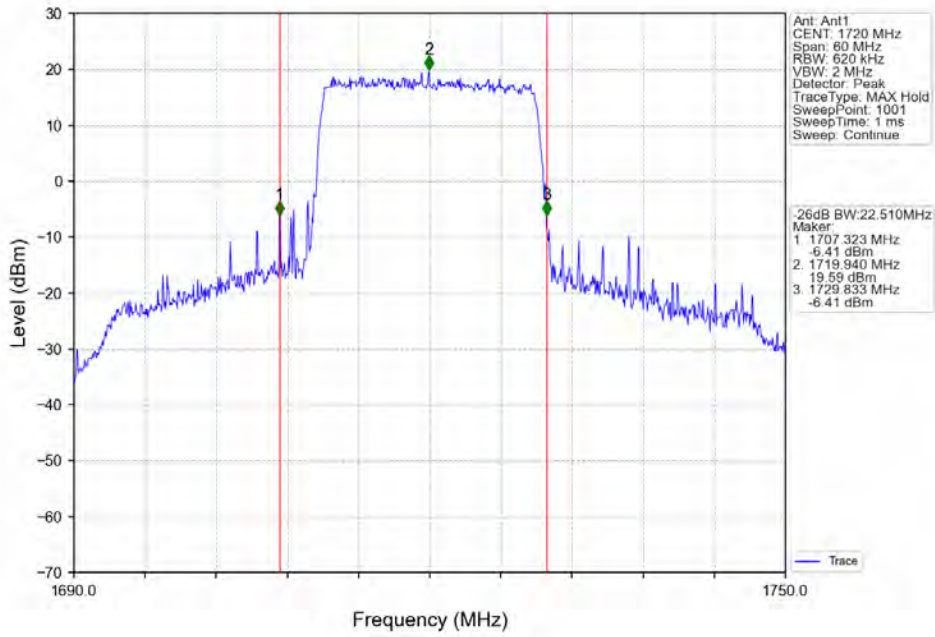
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



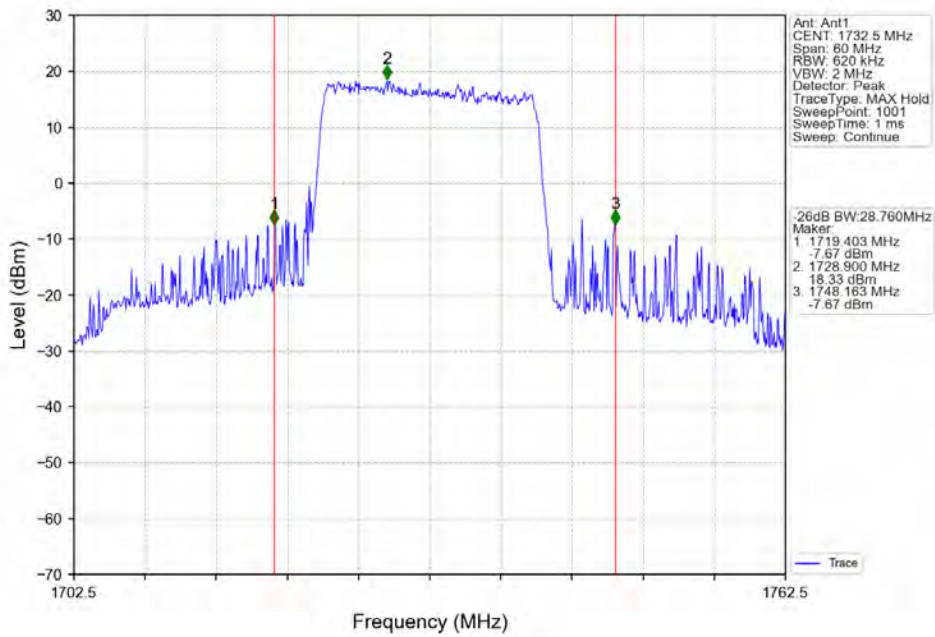
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



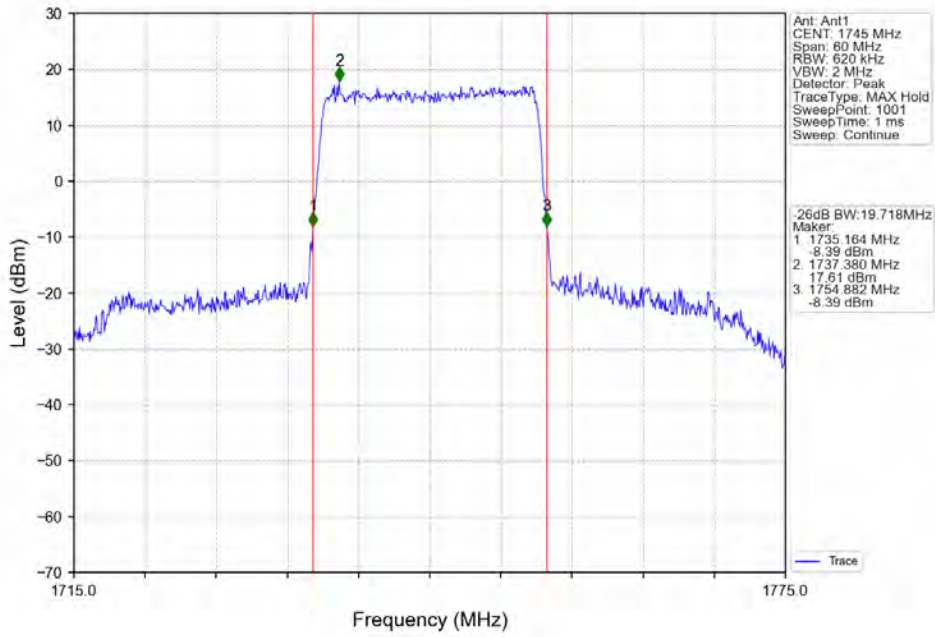
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



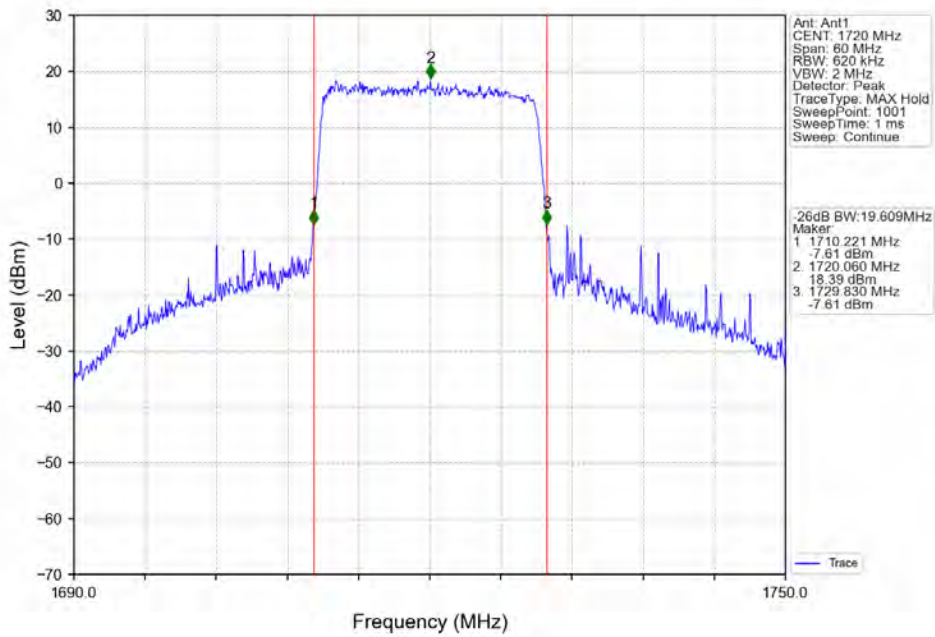
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



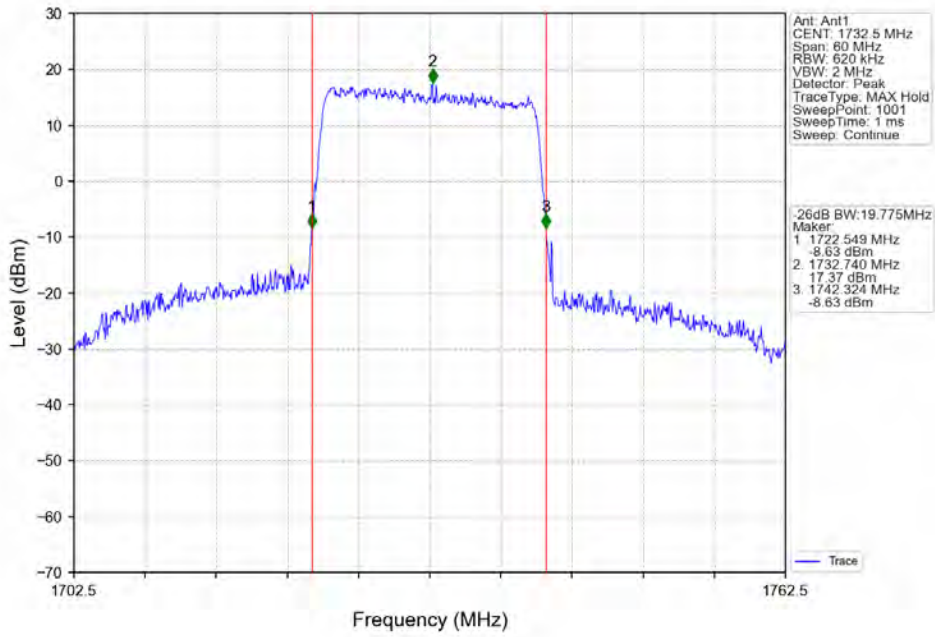
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



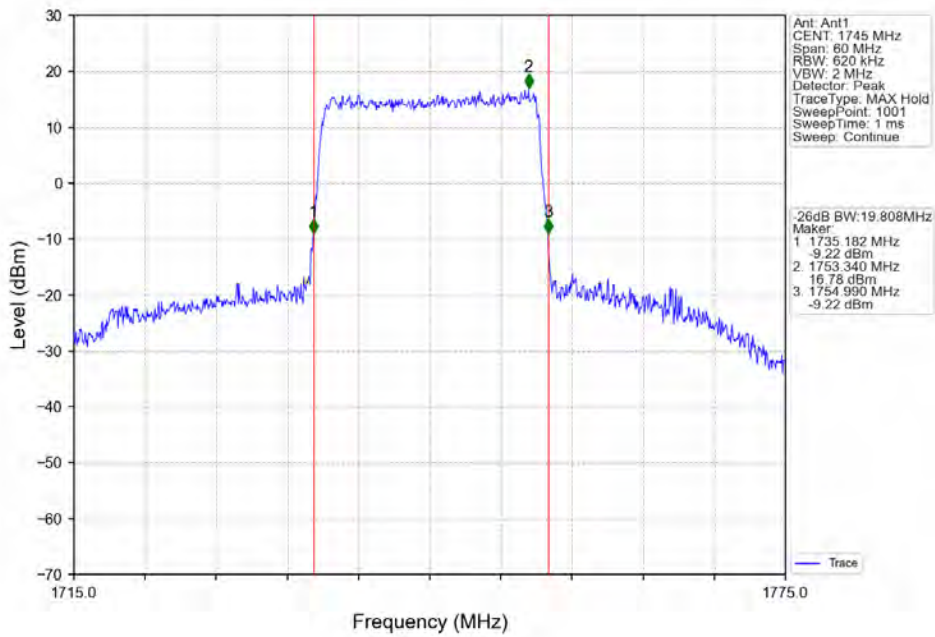
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



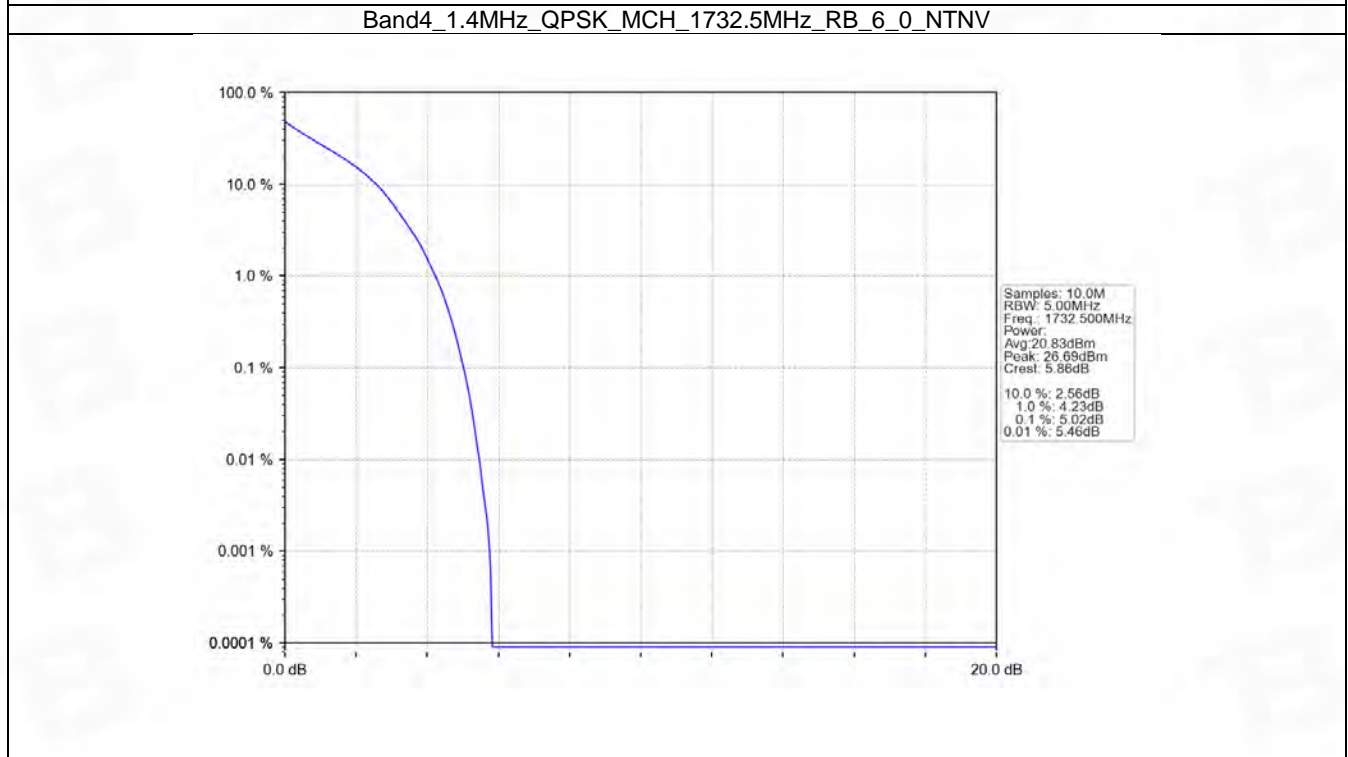
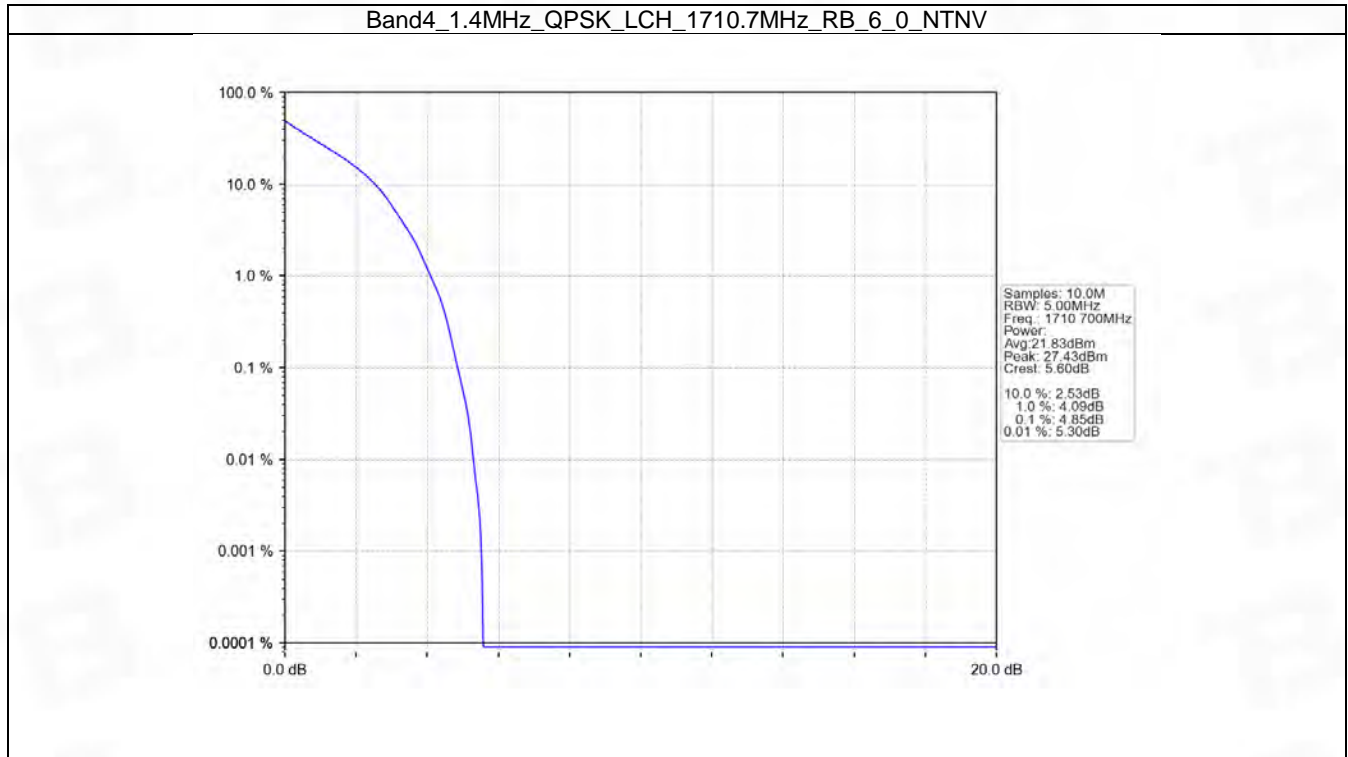
5. Peak-Average Ratio

5.1 B4_1.4MHz

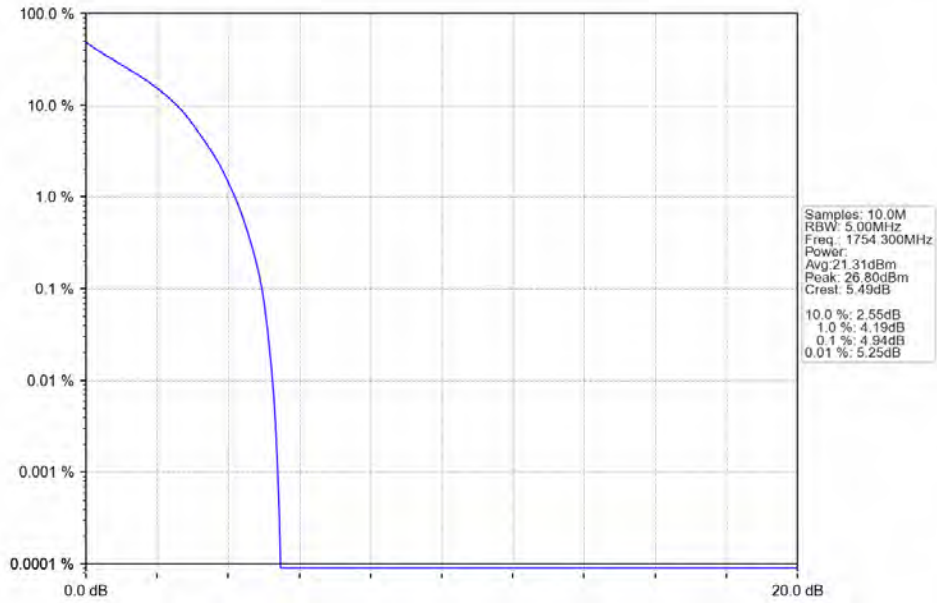
5.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.85	<=13	Pass
	1732.5	6	0	5.02	<=13	Pass
	1754.3	6	0	4.94	<=13	Pass
16QAM	1710.7	6	0	5.72	<=13	Pass
	1732.5	6	0	5.82	<=13	Pass
	1754.3	6	0	5.74	<=13	Pass

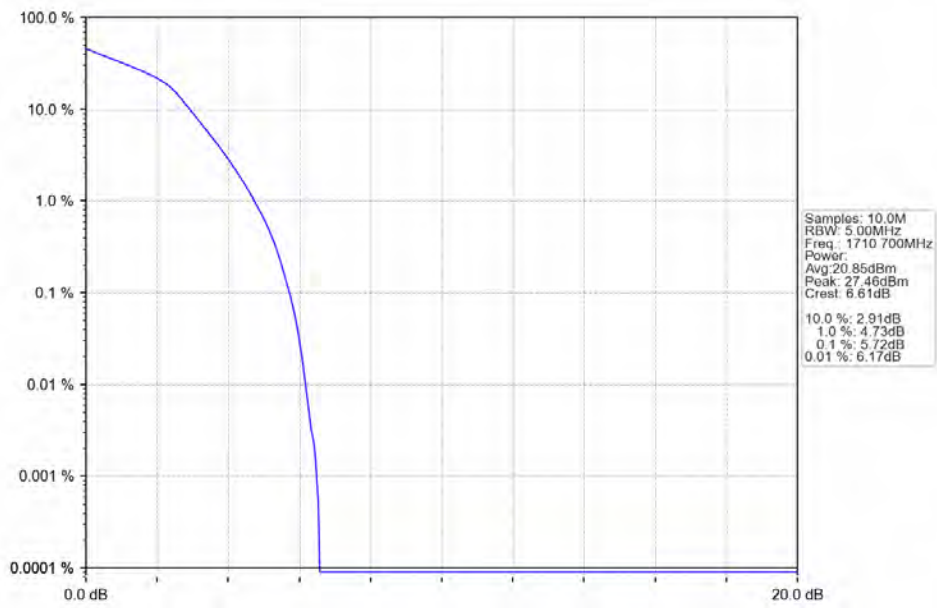
5.1.2 Test Graph



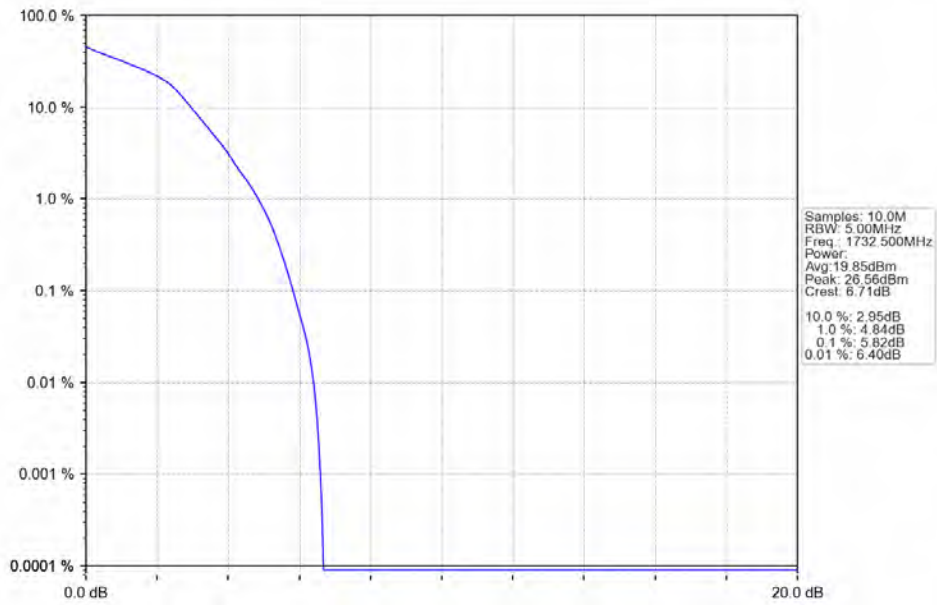
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTV



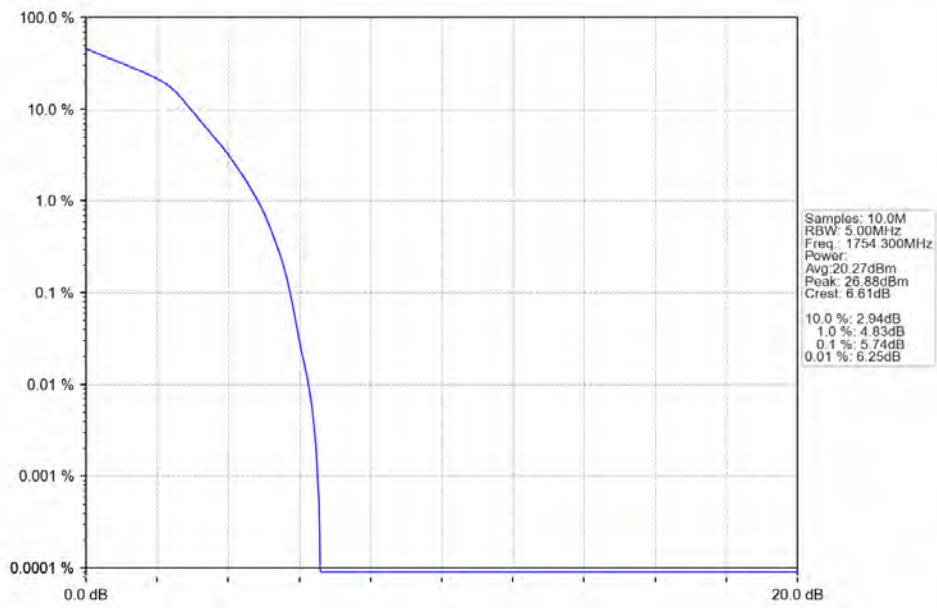
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTV



Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

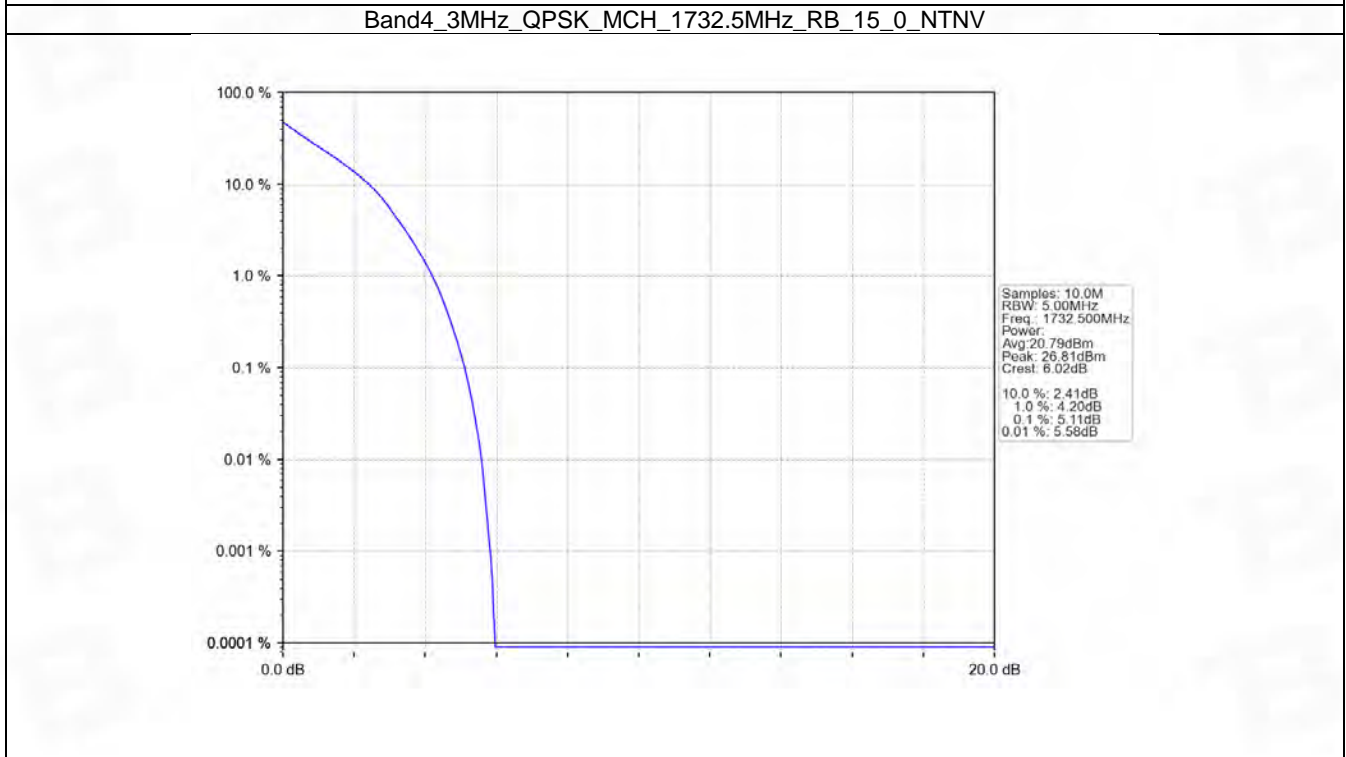
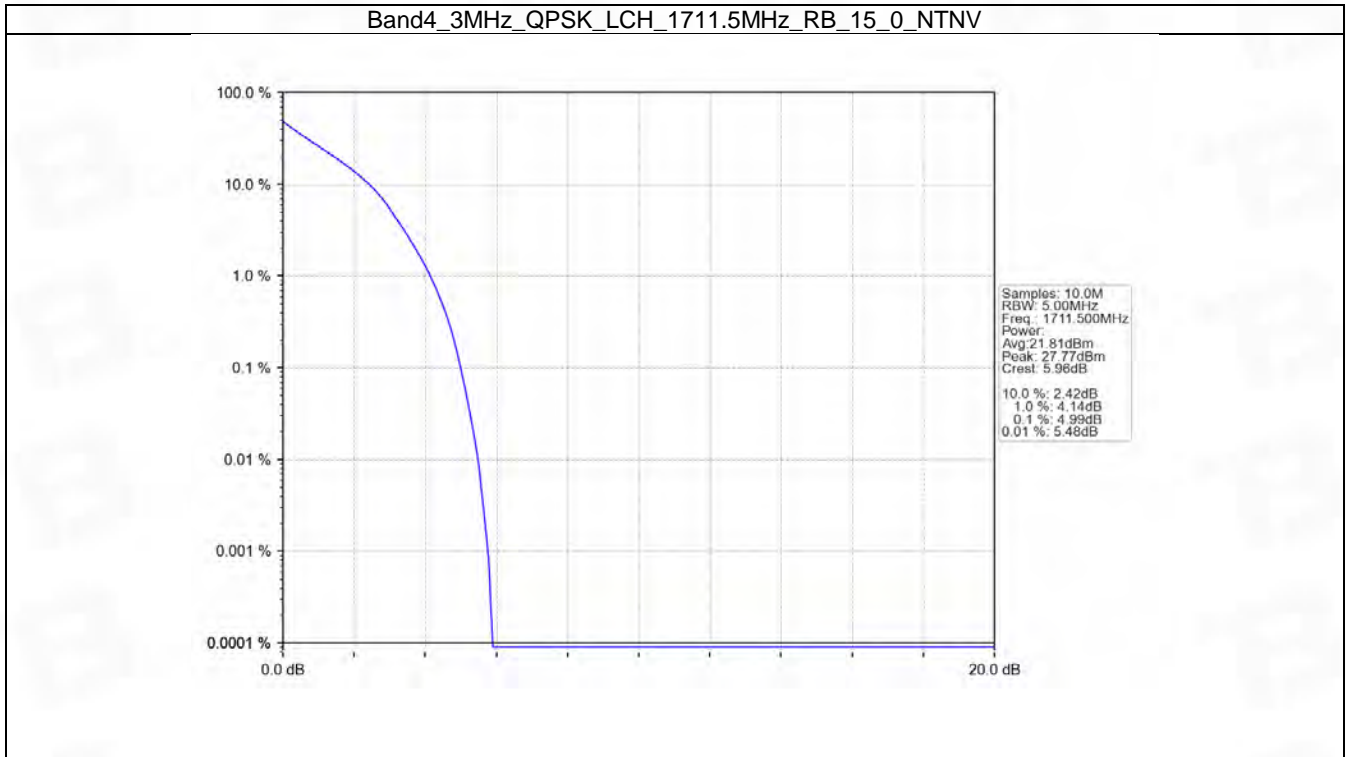


5.2 B4_3MHz

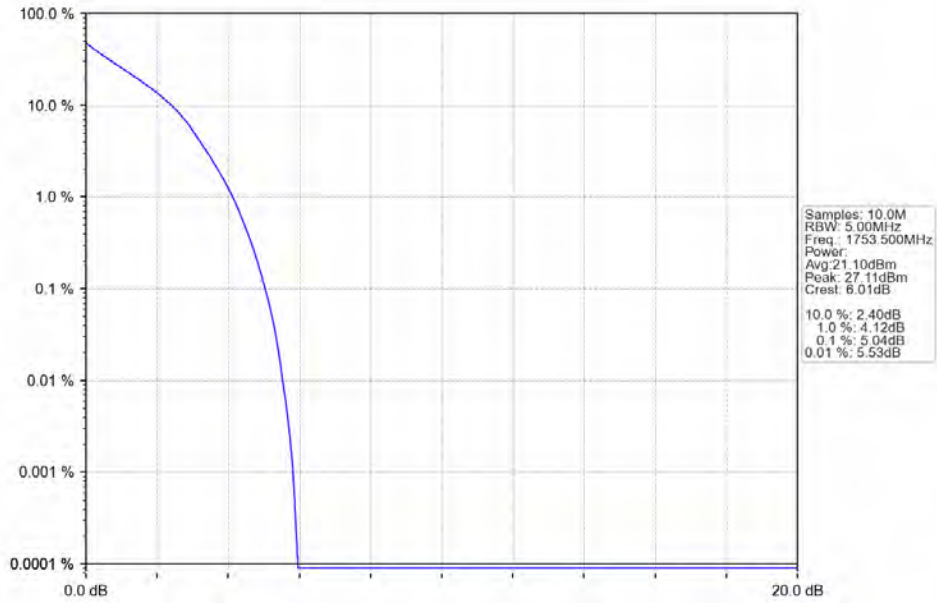
5.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.99	<=13	Pass
	1732.5	15	0	5.11	<=13	Pass
	1753.5	15	0	5.04	<=13	Pass
16QAM	1711.5	15	0	5.80	<=13	Pass
	1732.5	15	0	5.95	<=13	Pass
	1753.5	15	0	5.85	<=13	Pass

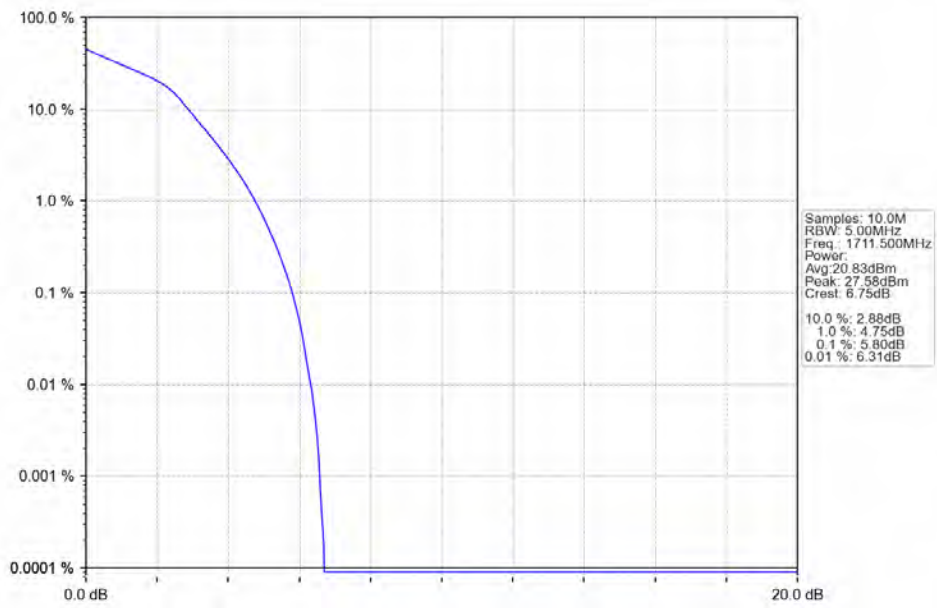
5.2.2 Test Graph



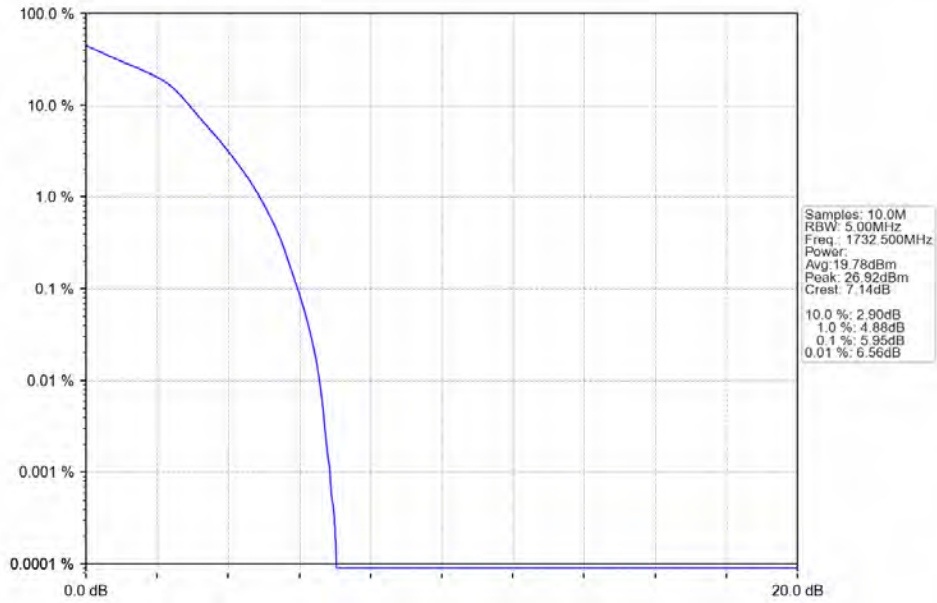
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



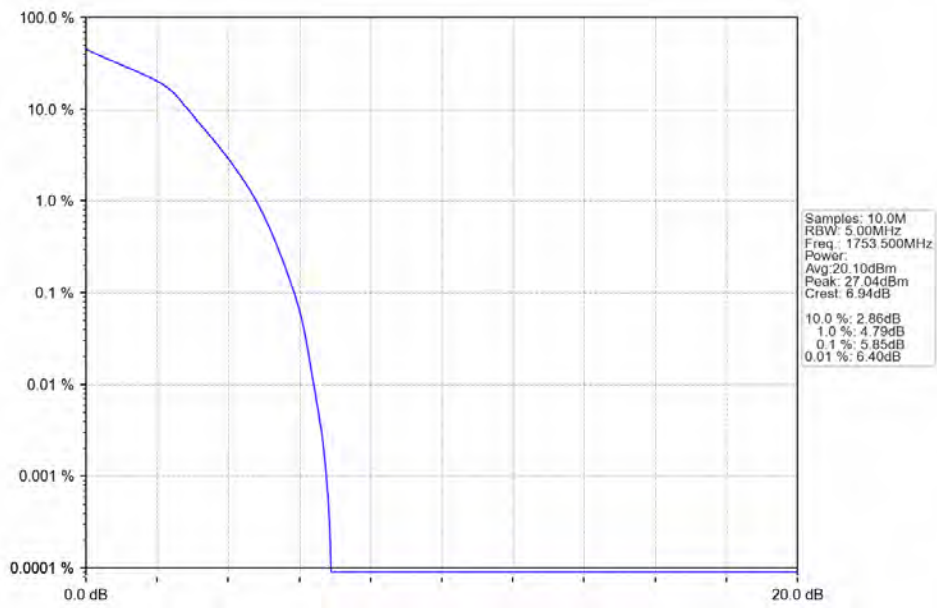
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

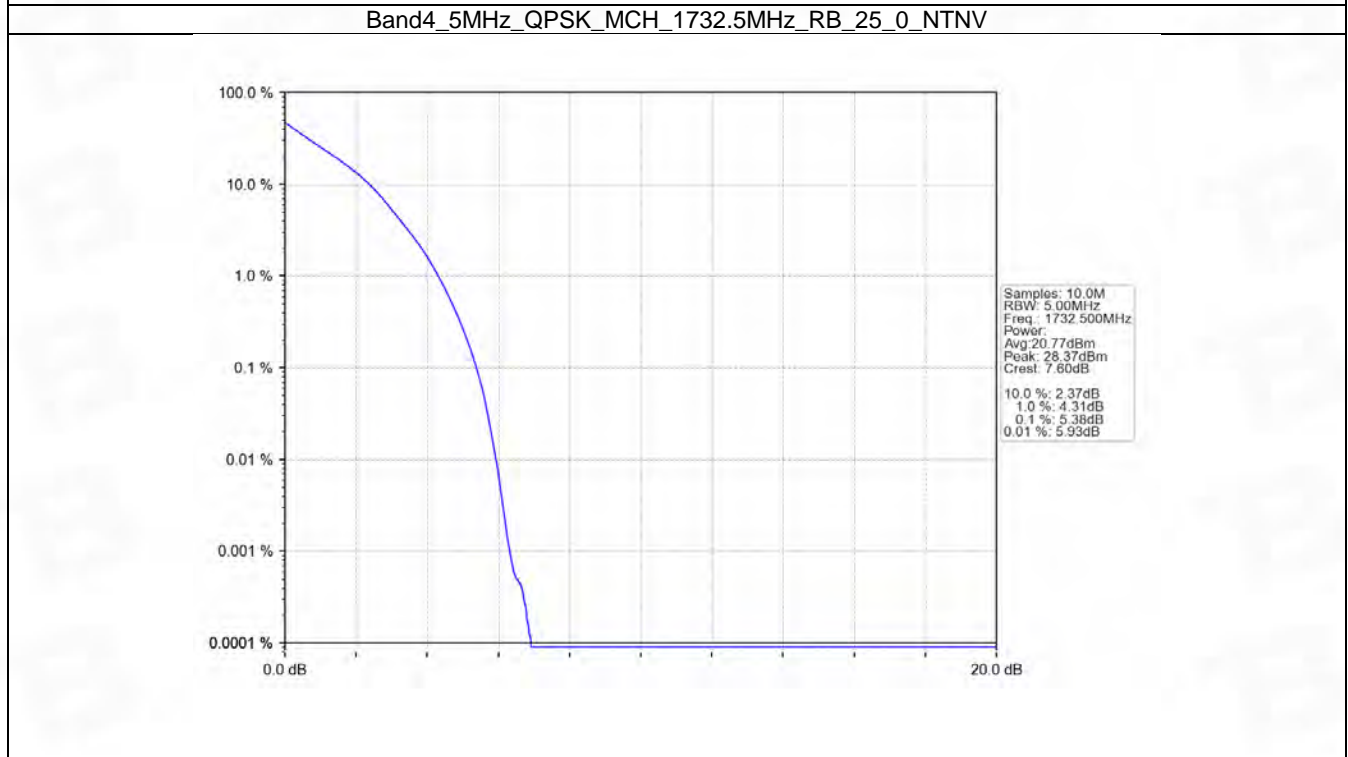
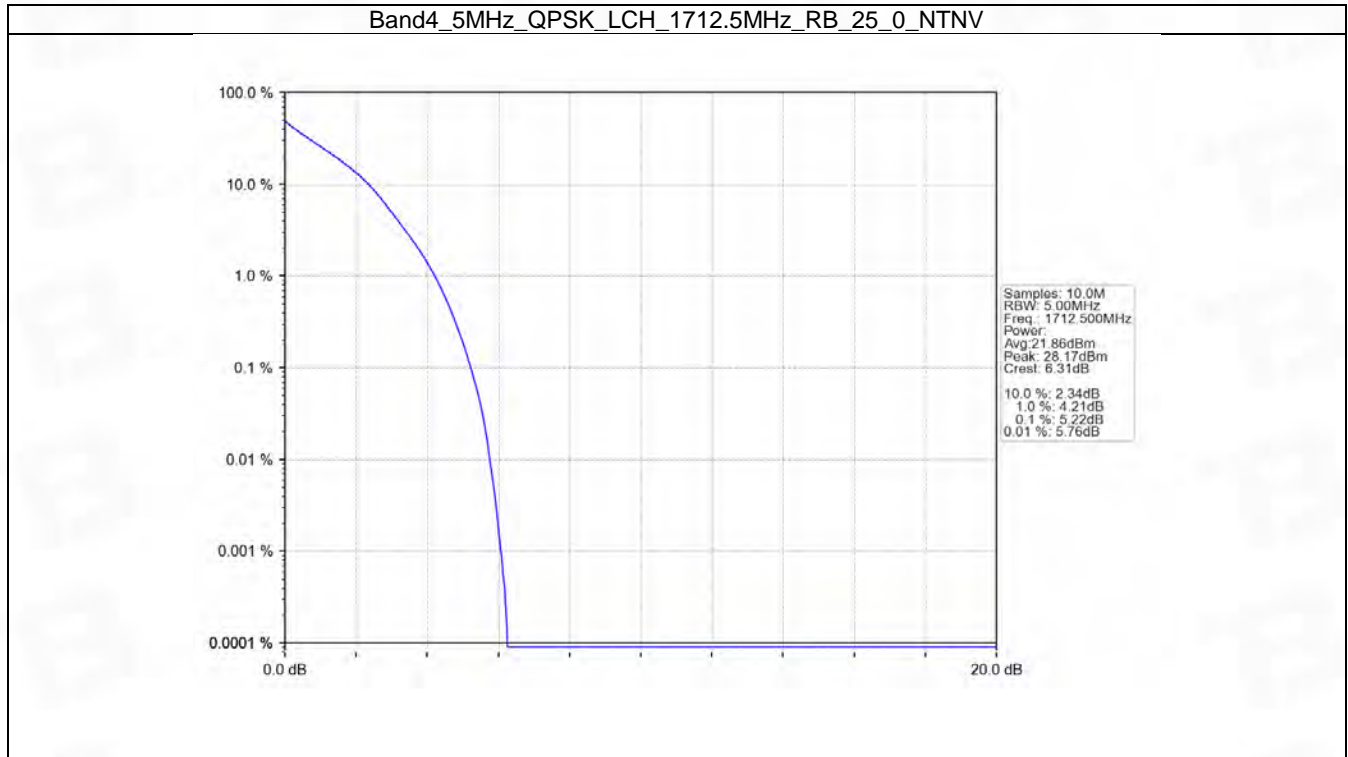


5.3 B4_5MHz

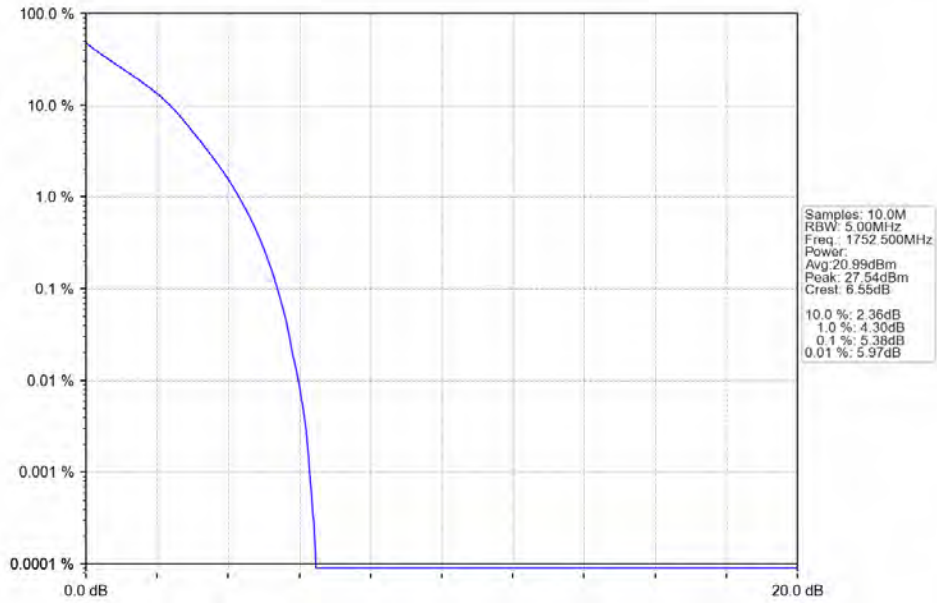
5.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.22	<=13	Pass
	1732.5	25	0	5.38	<=13	Pass
	1752.5	25	0	5.38	<=13	Pass
16QAM	1712.5	25	0	5.94	<=13	Pass
	1732.5	25	0	6.04	<=13	Pass
	1752.5	25	0	6.04	<=13	Pass

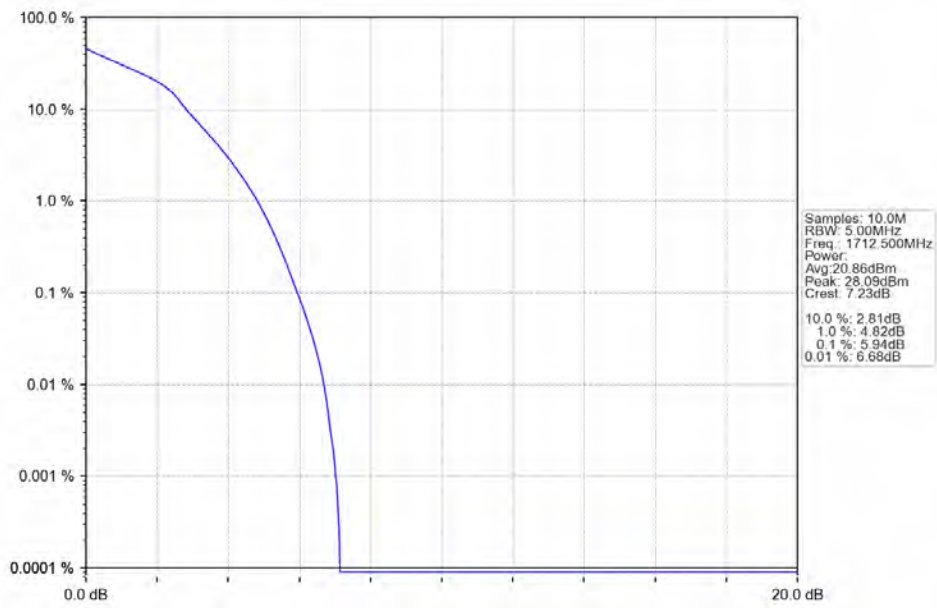
5.3.2 Test Graph



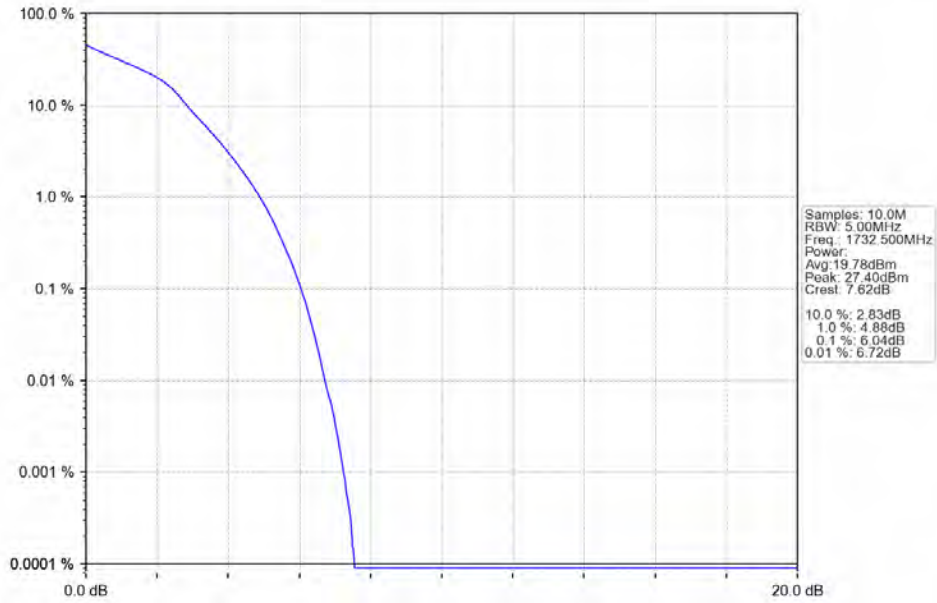
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



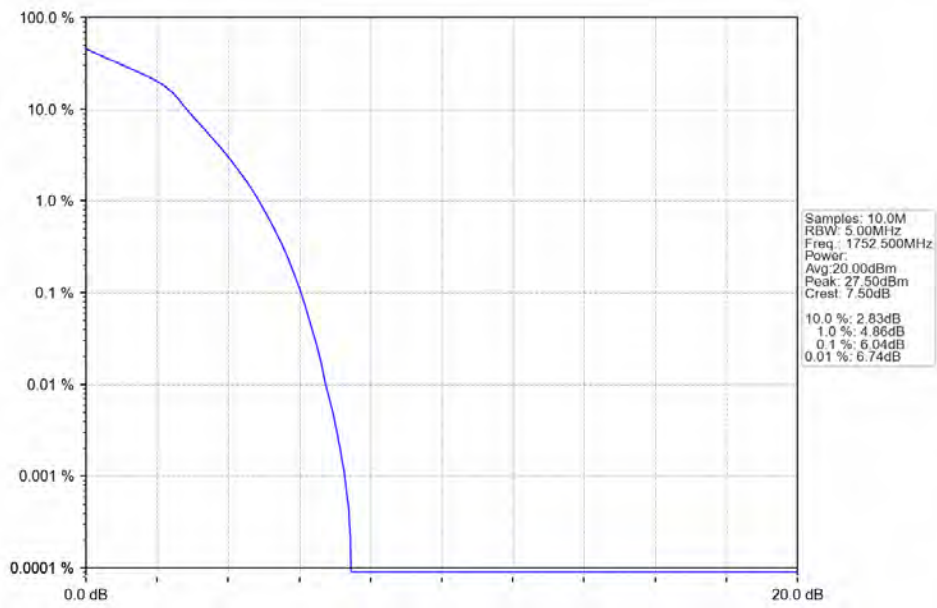
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

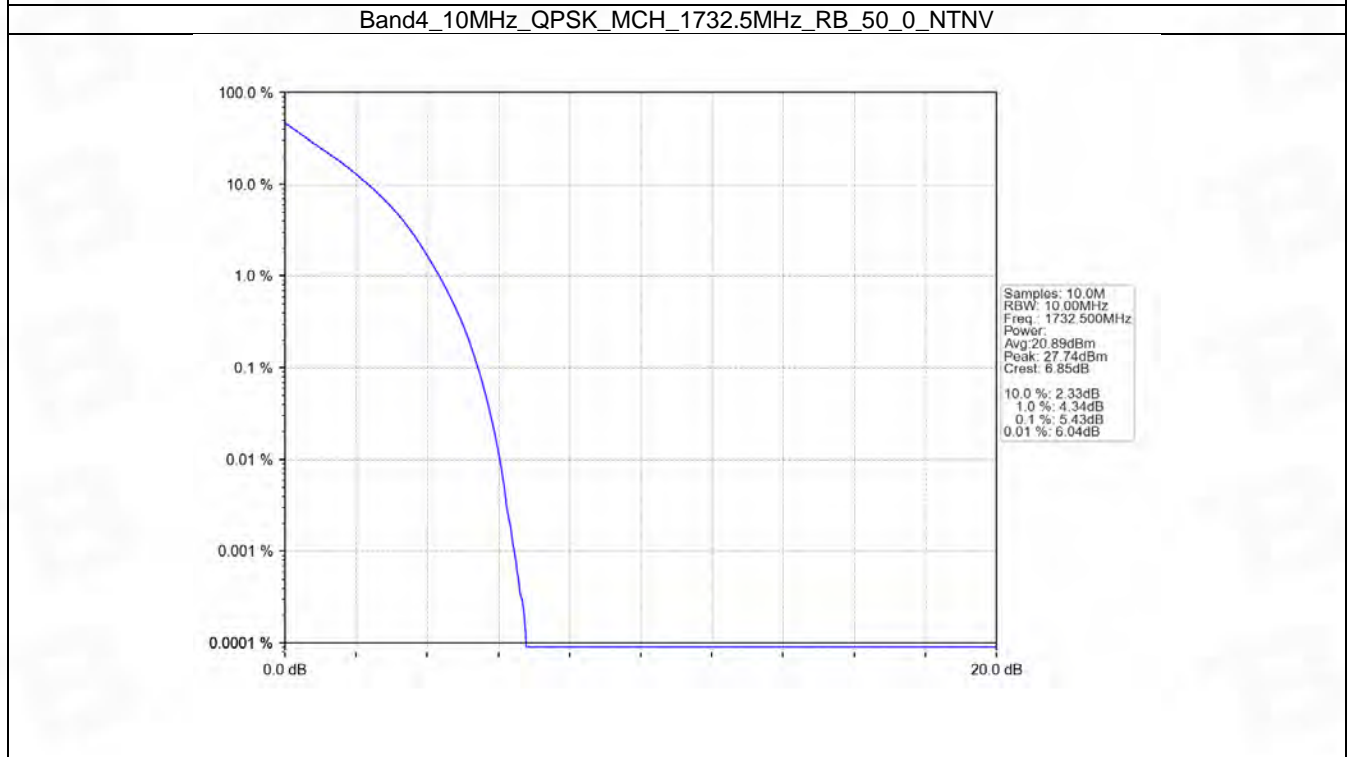
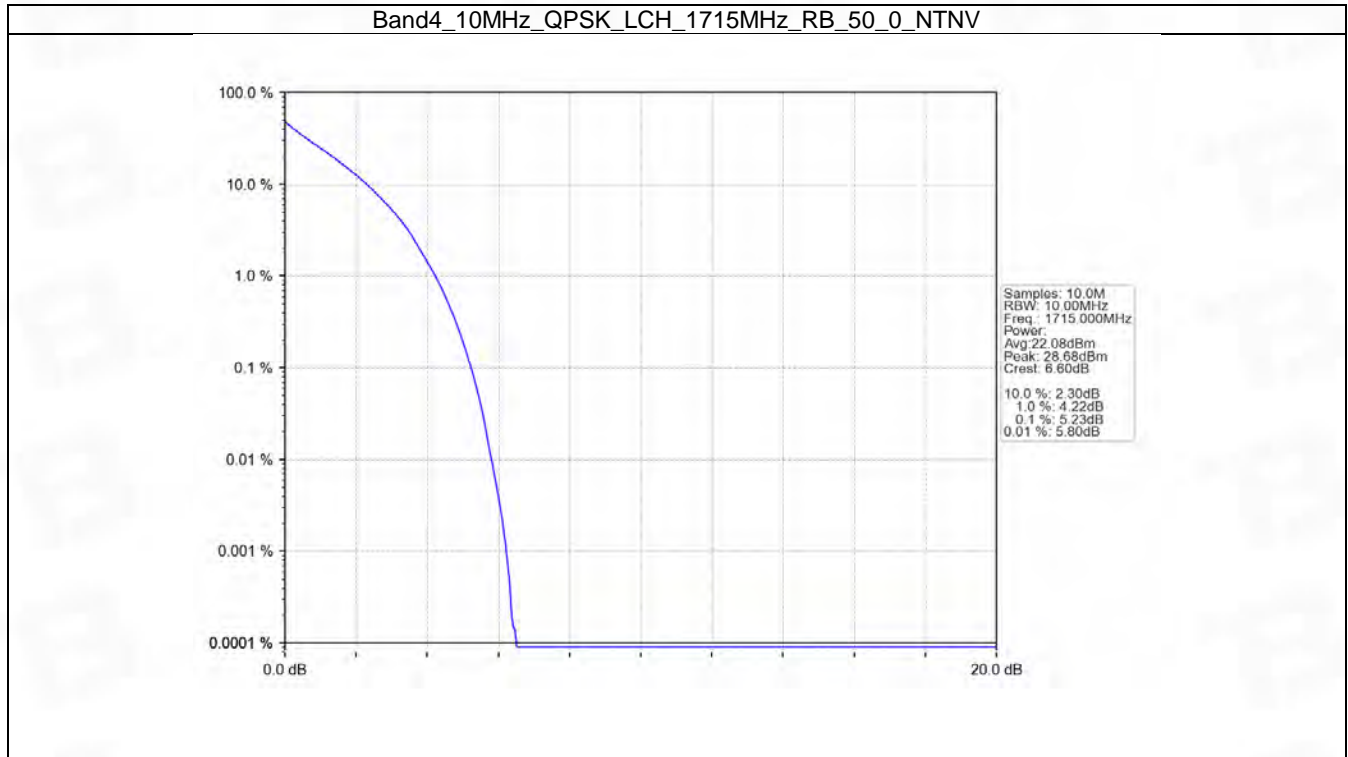


5.4 B4_10MHz

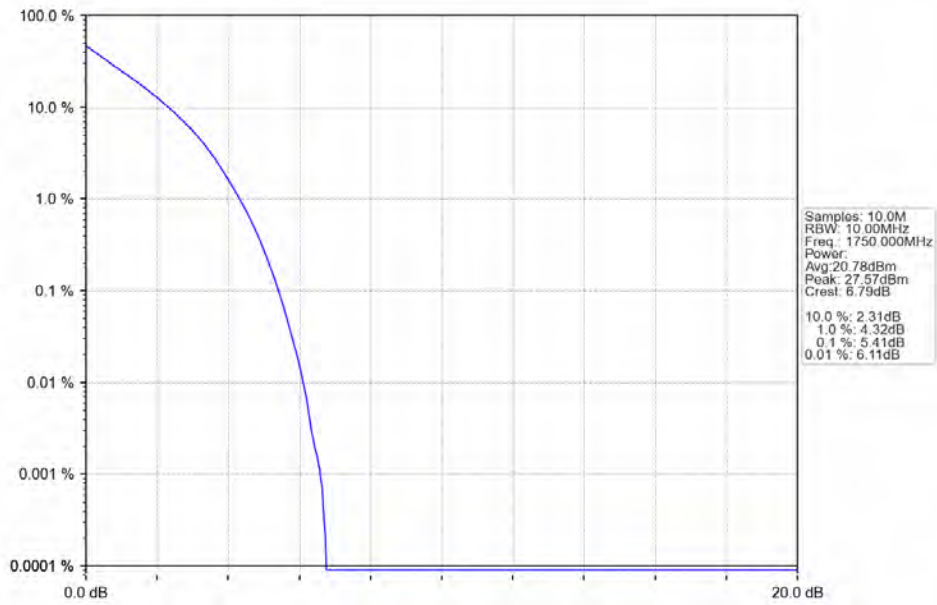
5.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.23	<=13	Pass
	1732.5	50	0	5.43	<=13	Pass
	1750	50	0	5.41	<=13	Pass
16QAM	1715	50	0	5.97	<=13	Pass
	1732.5	50	0	6.18	<=13	Pass
	1750	50	0	6.12	<=13	Pass

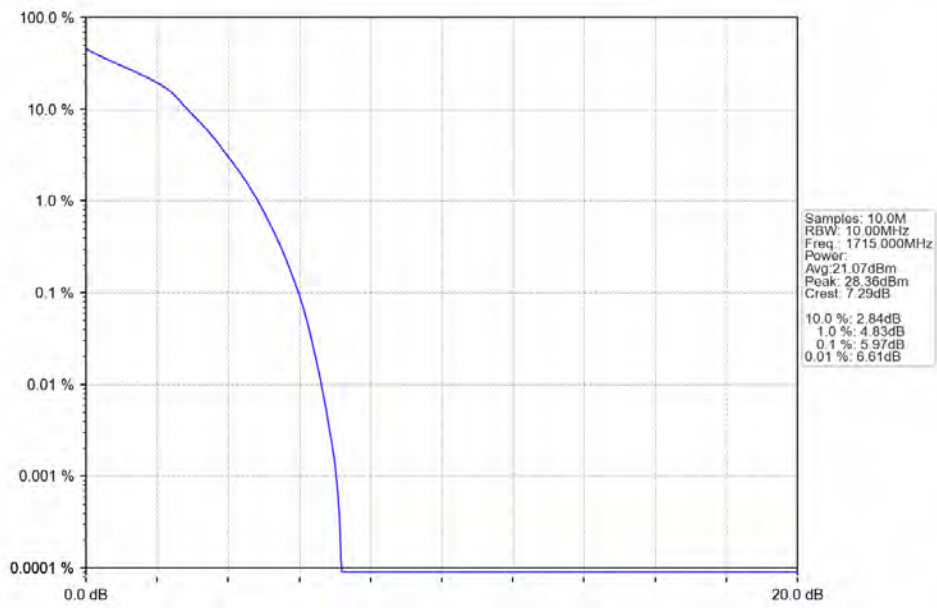
5.4.2 Test Graph



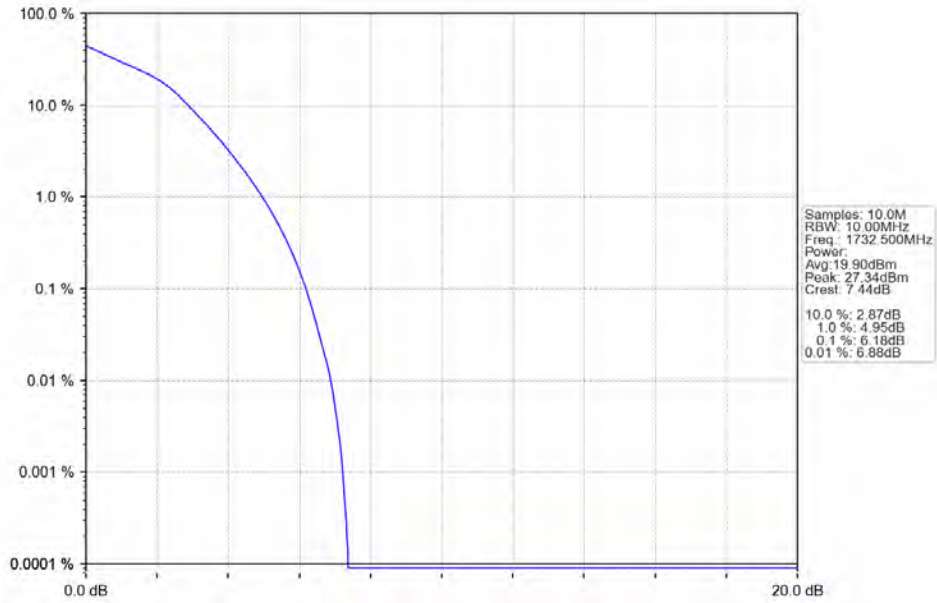
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



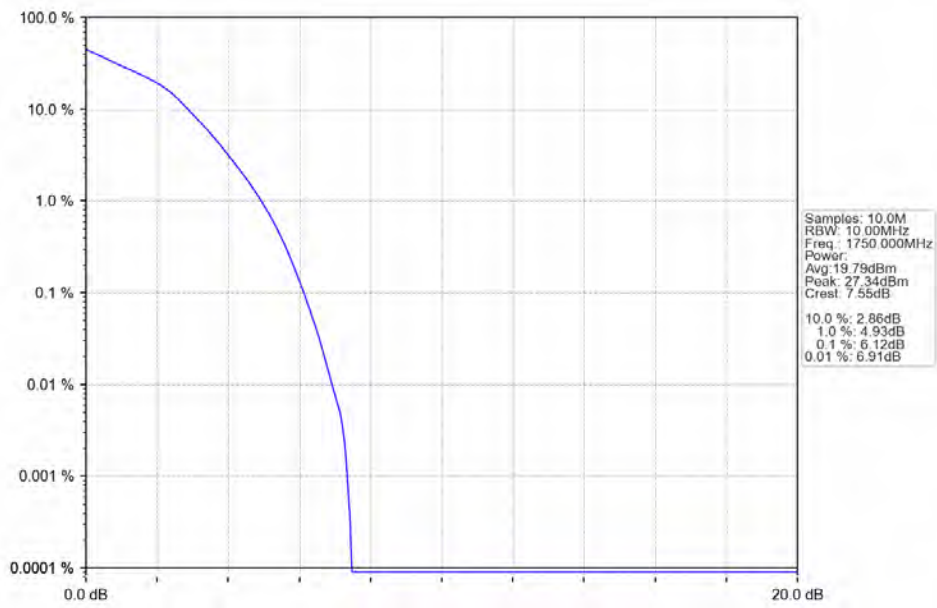
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

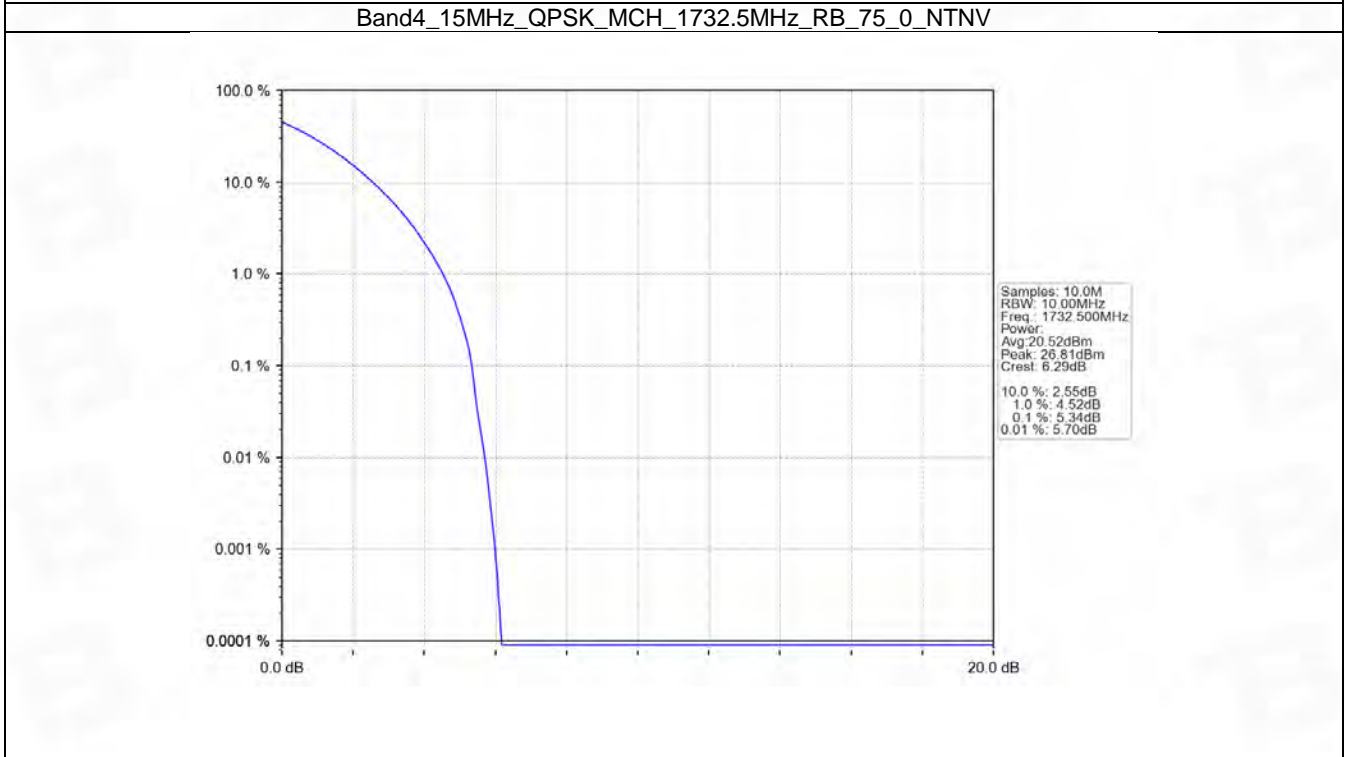
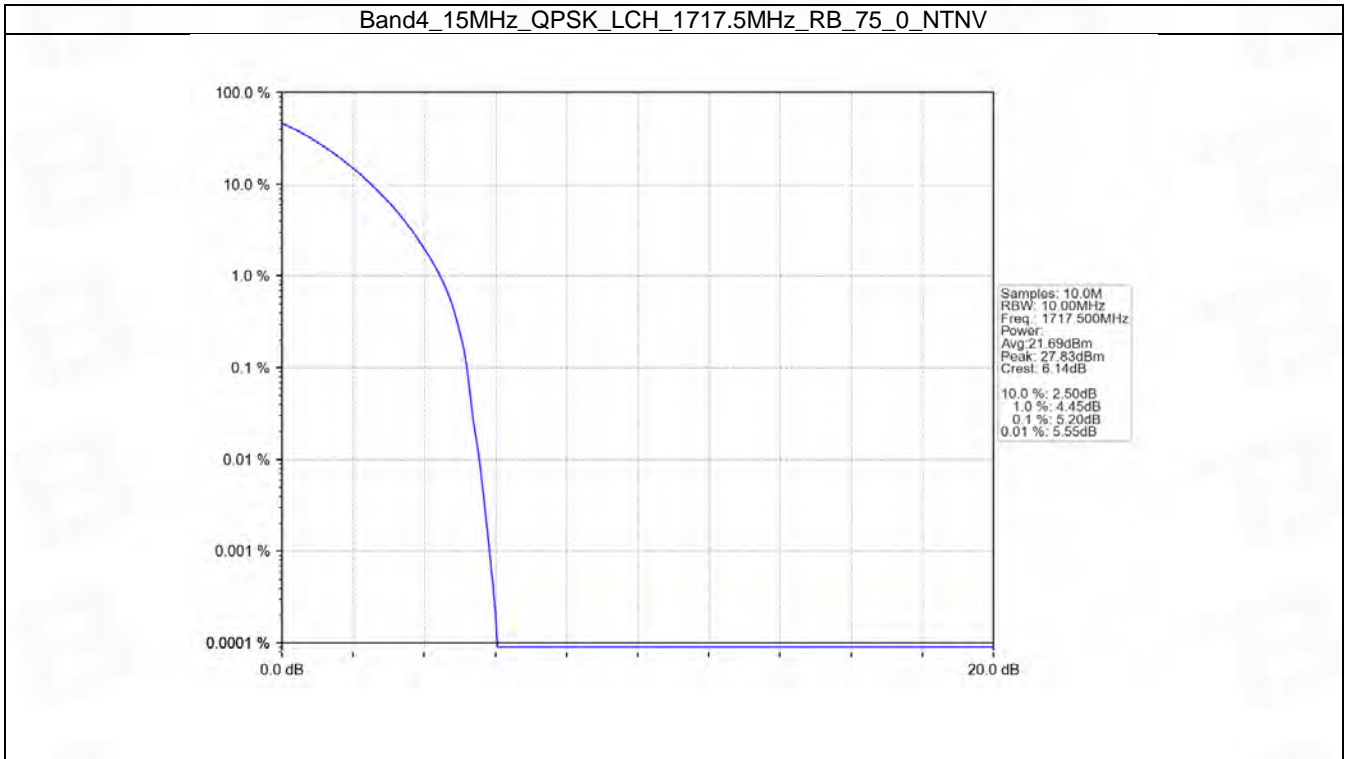


5.5 B4_15MHz

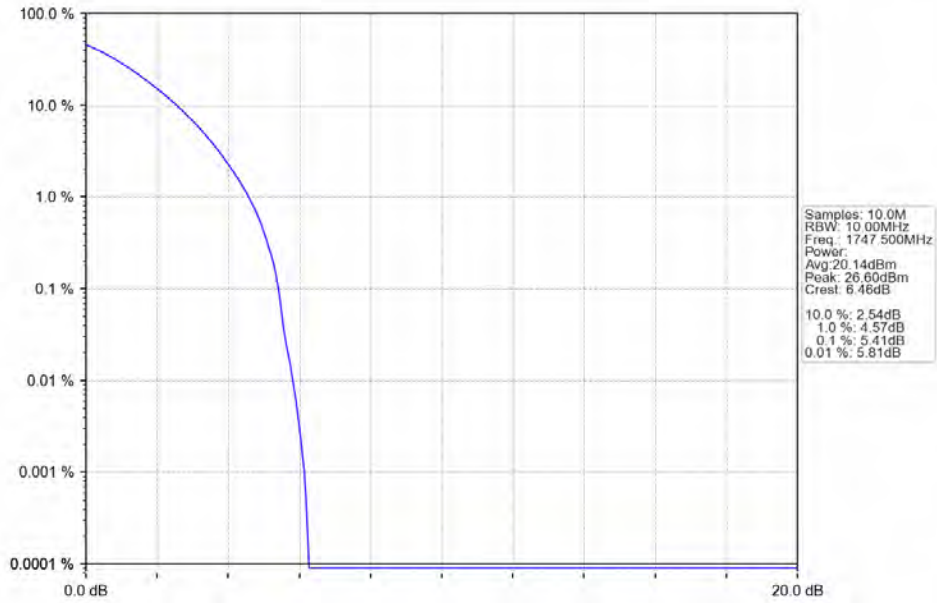
5.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.20	<=13	Pass
	1732.5	75	0	5.34	<=13	Pass
	1747.5	75	0	5.41	<=13	Pass
16QAM	1717.5	75	0	5.97	<=13	Pass
	1732.5	75	0	6.05	<=13	Pass
	1747.5	75	0	6.11	<=13	Pass

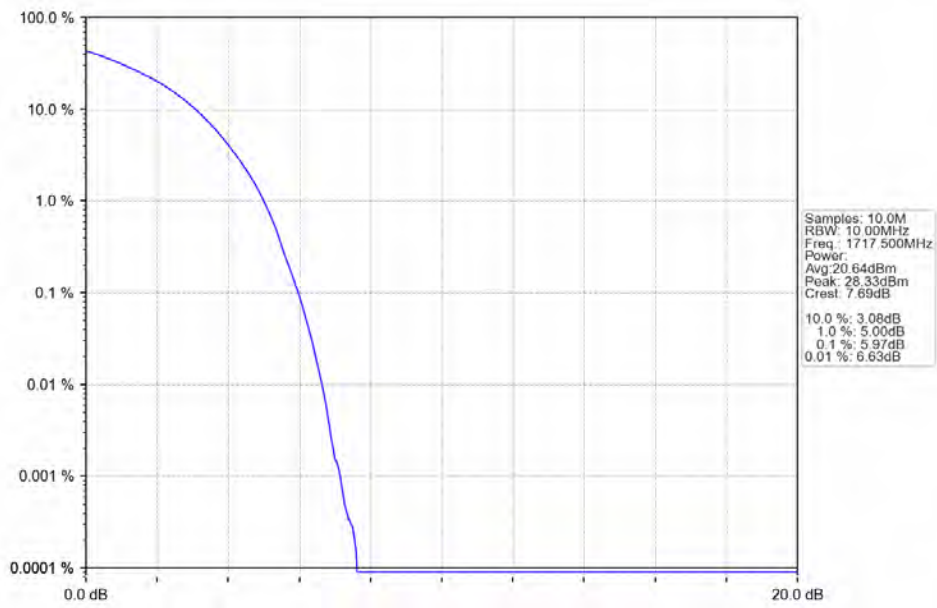
5.5.2 Test Graph



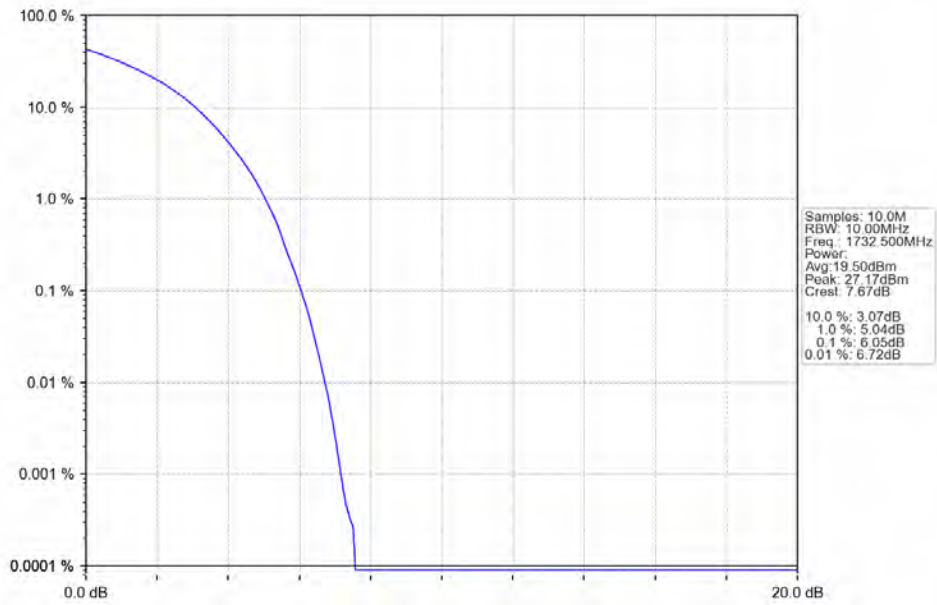
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



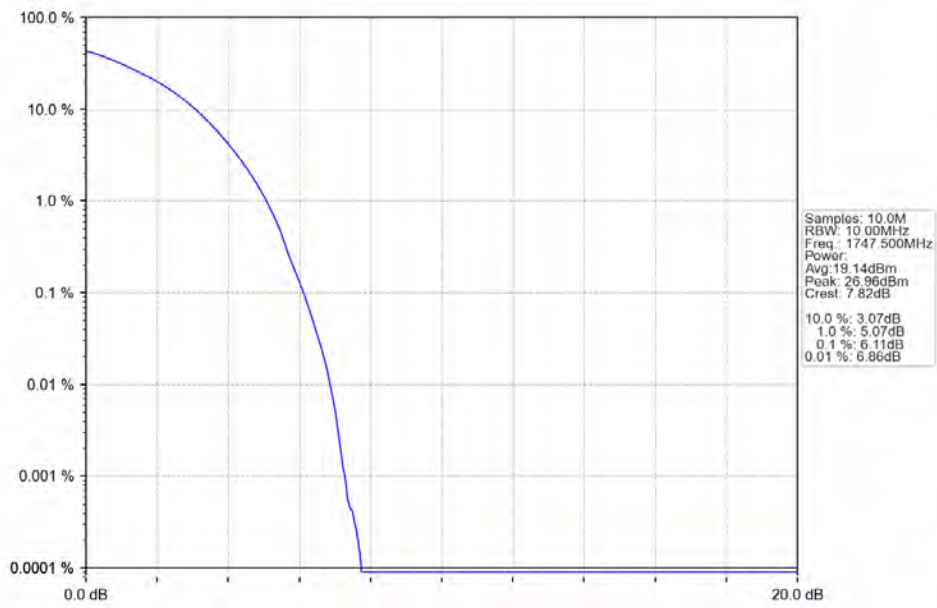
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

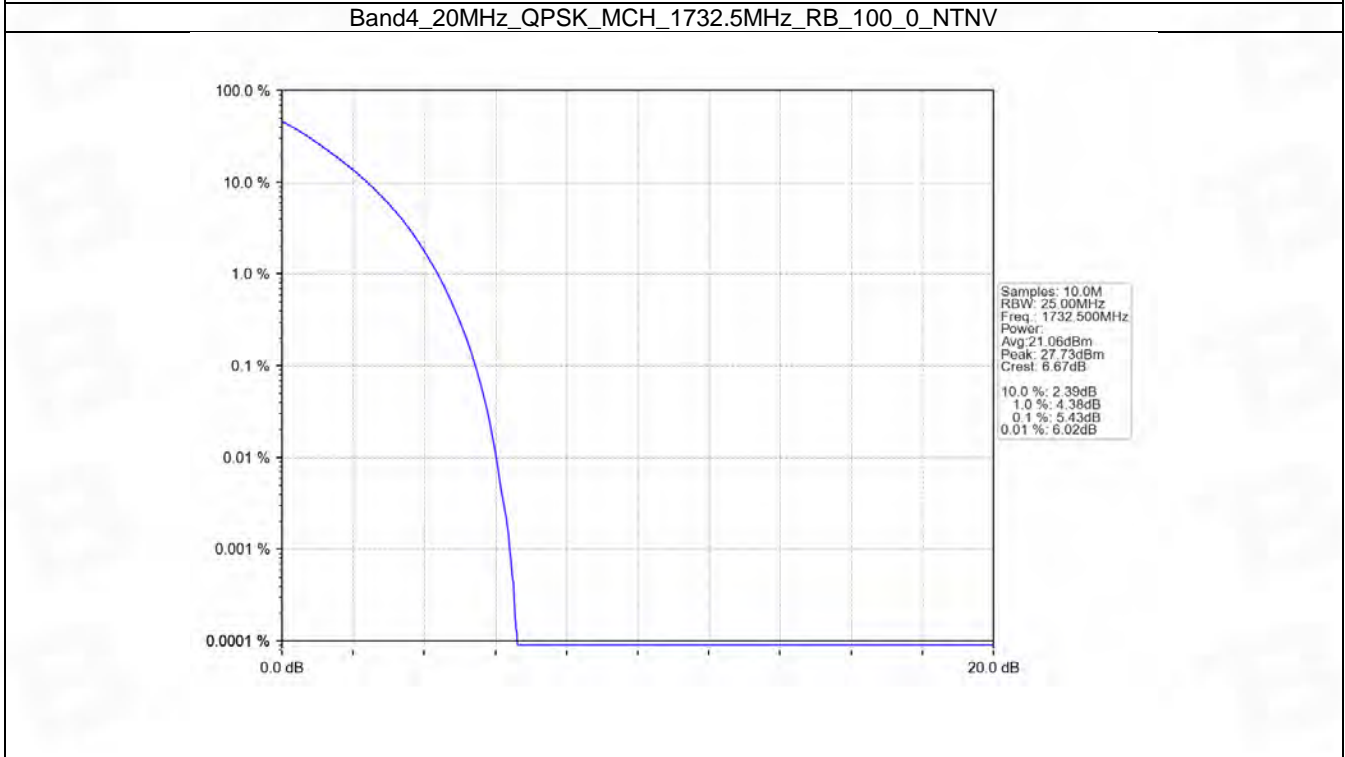
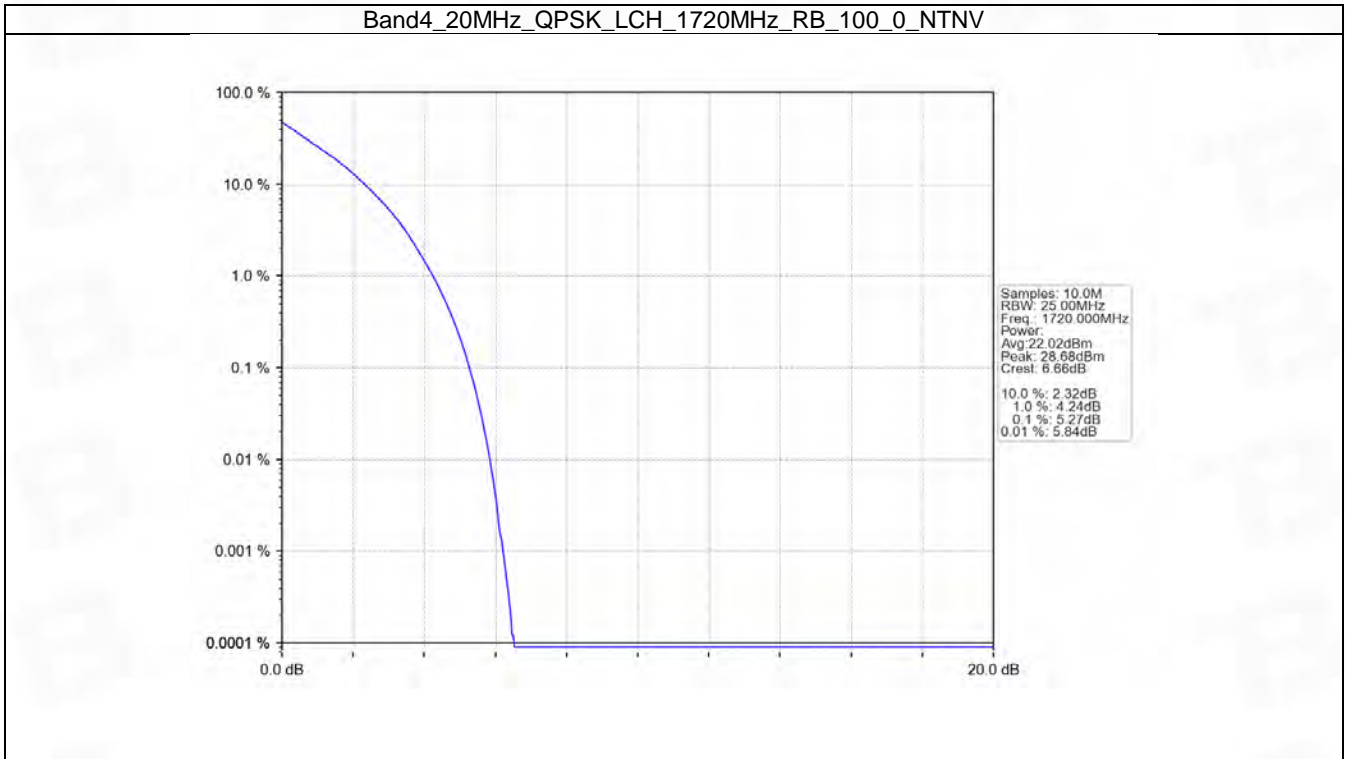


5.6 B4_20MHz

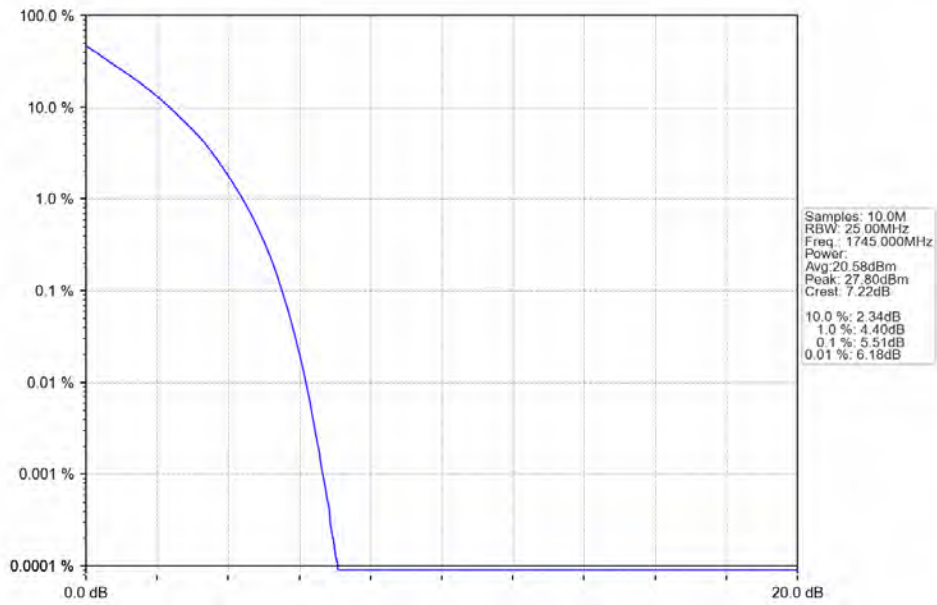
5.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.27	<=13	Pass
	1732.5	100	0	5.43	<=13	Pass
	1745	100	0	5.51	<=13	Pass
16QAM	1720	100	0	5.99	<=13	Pass
	1732.5	100	0	6.19	<=13	Pass
	1745	100	0	6.23	<=13	Pass

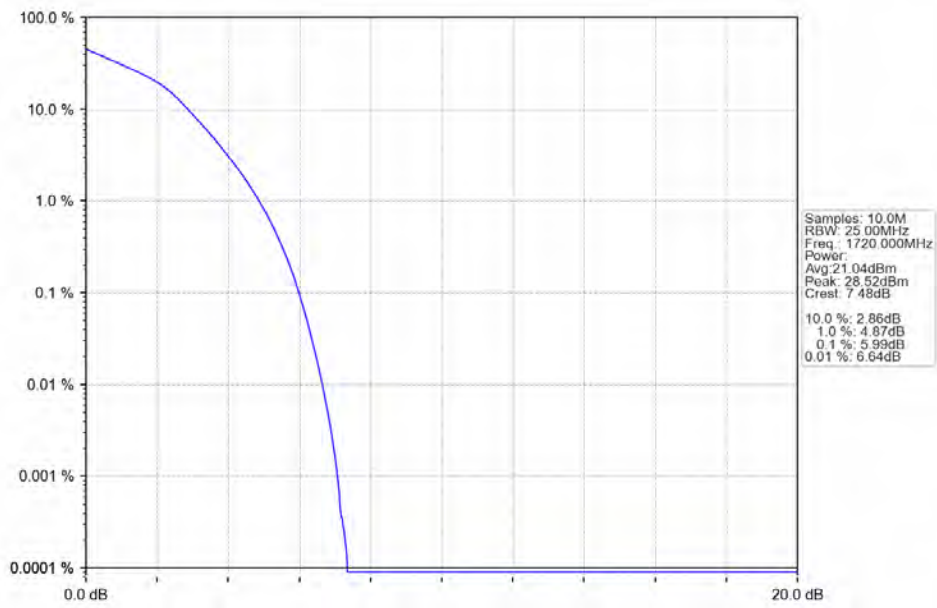
5.6.2 Test Graph



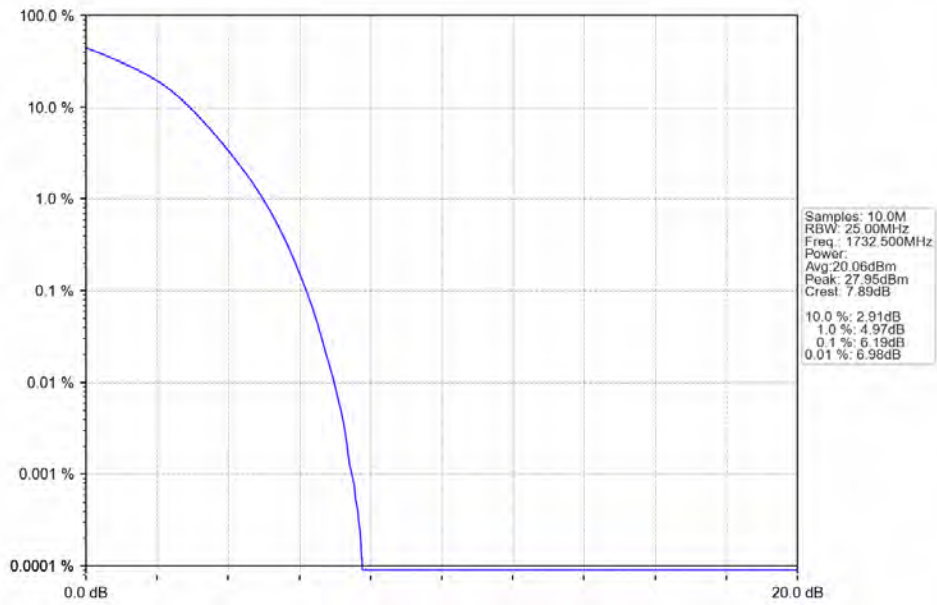
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



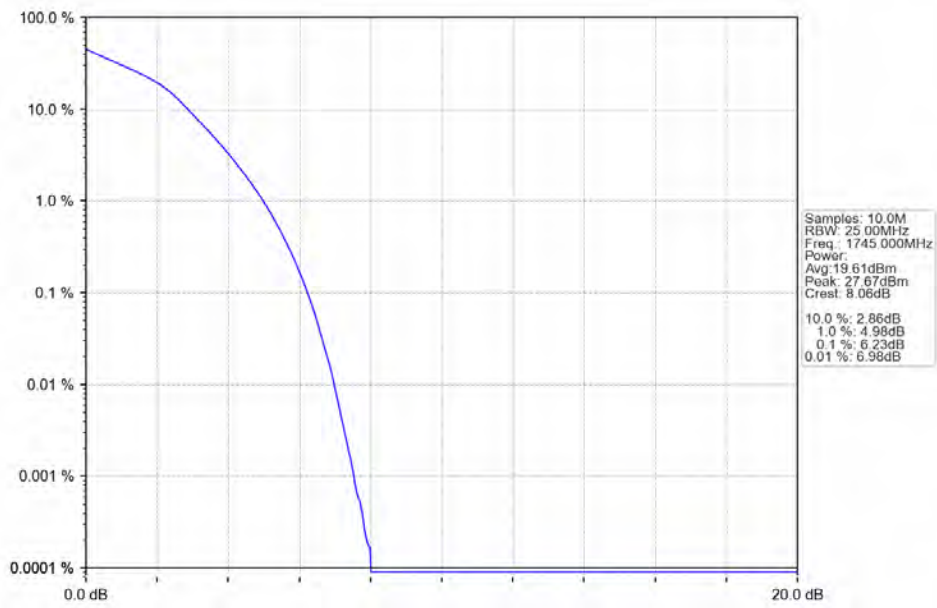
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



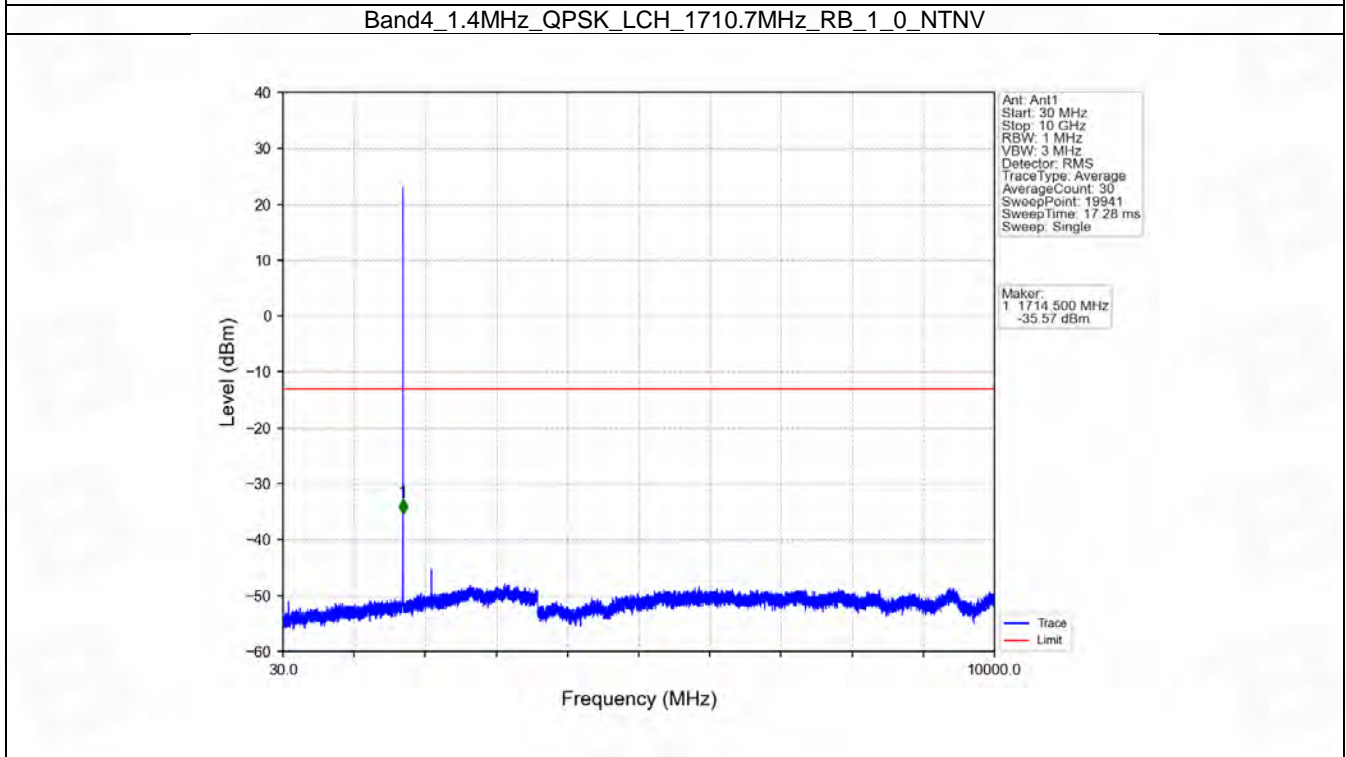
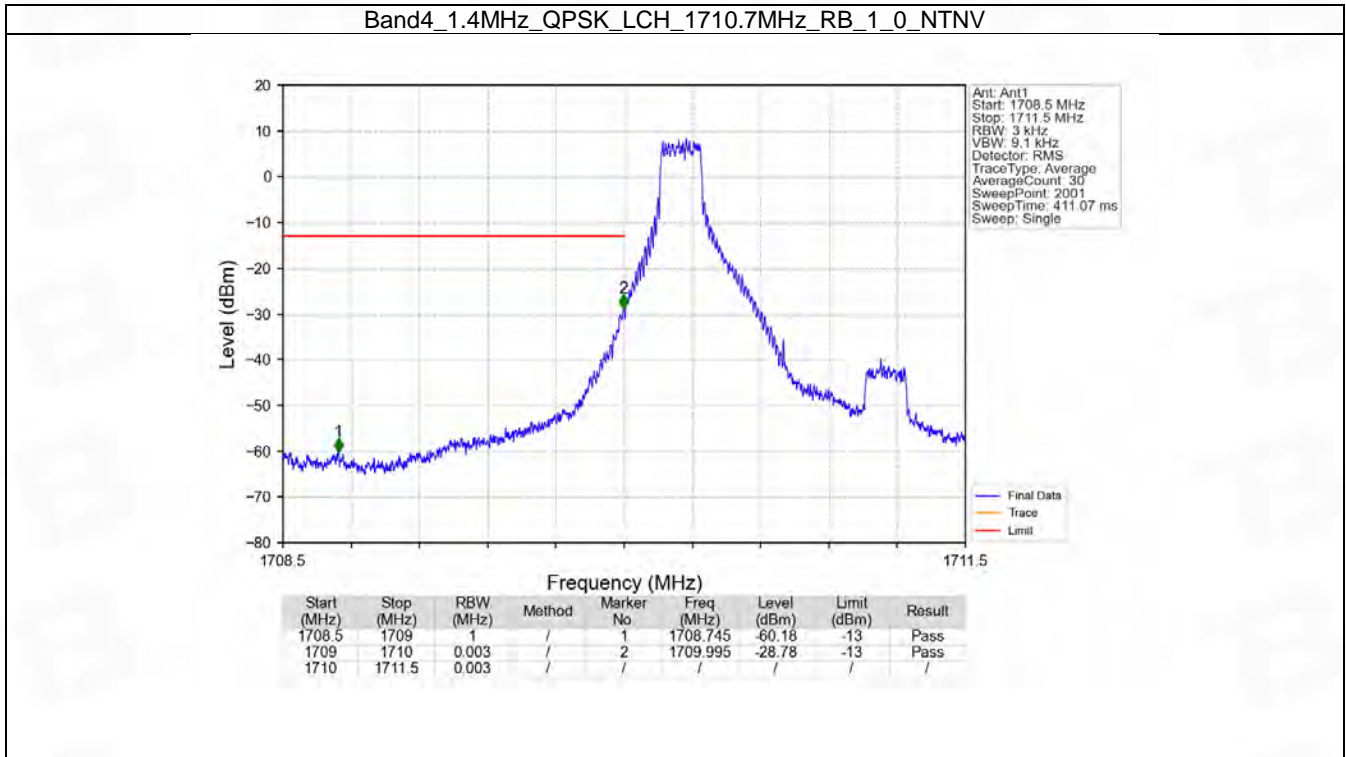
6. Spurious Emission

6.1 B4_1.4MHz

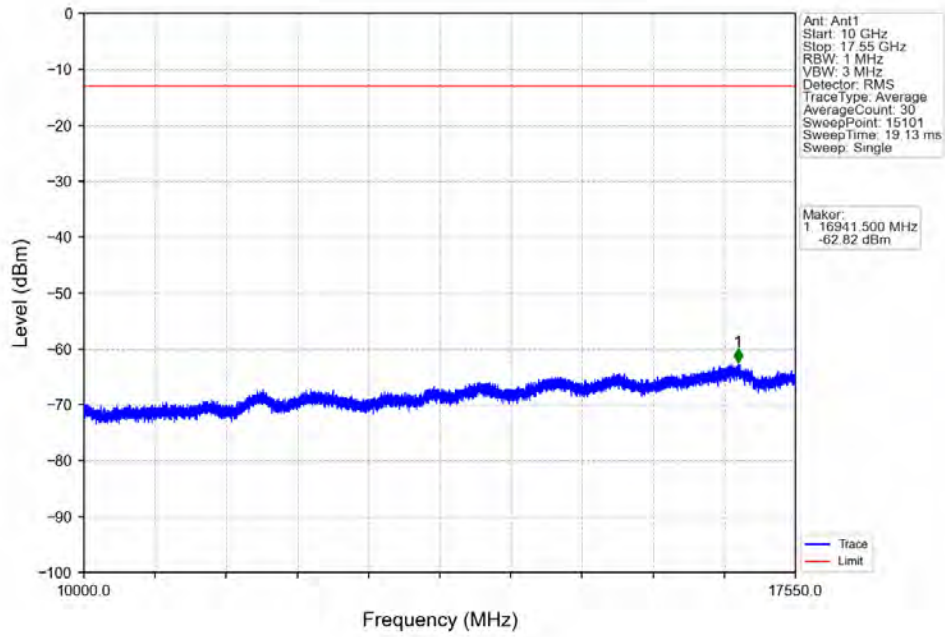
6.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTV						
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
	1754.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
		1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

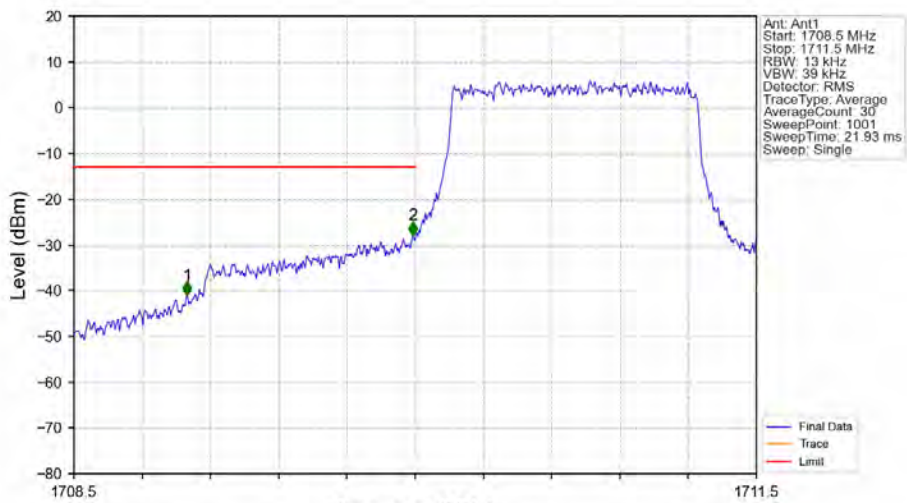
6.1.2 Test Graph



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

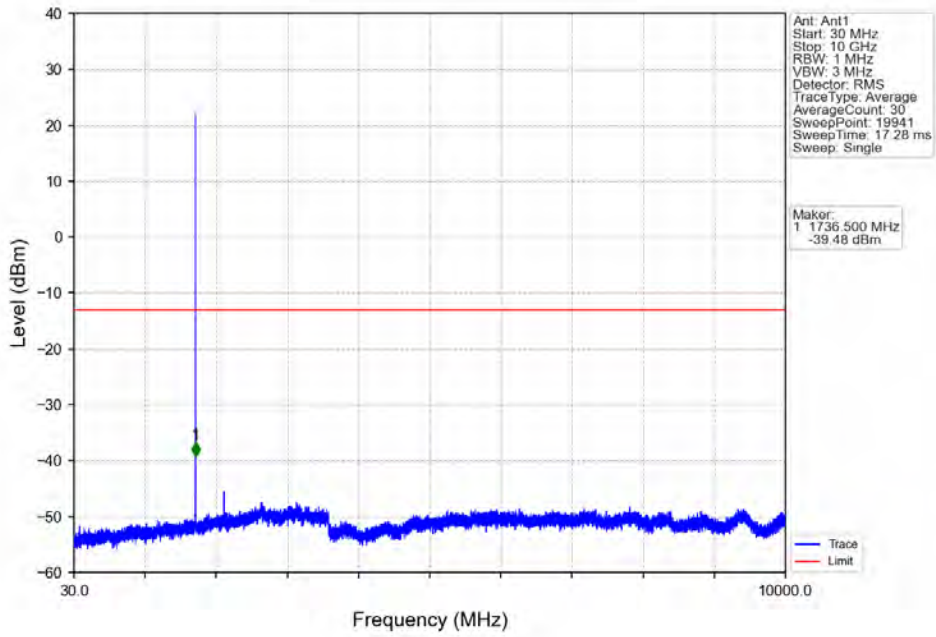


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

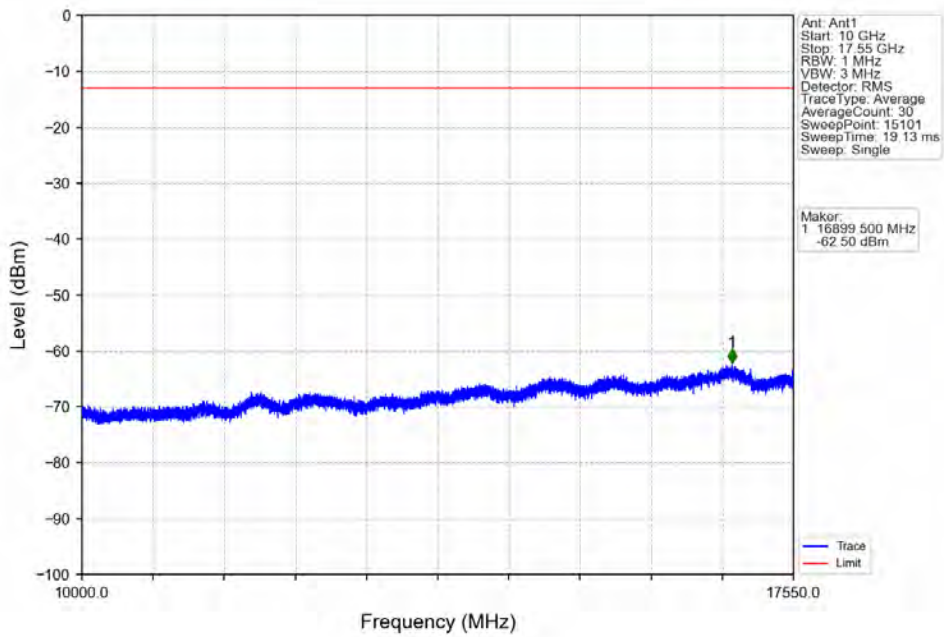


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.998	-41.00	-13	Pass
1709	1710	0.013	/	2	1709.991	-27.90	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

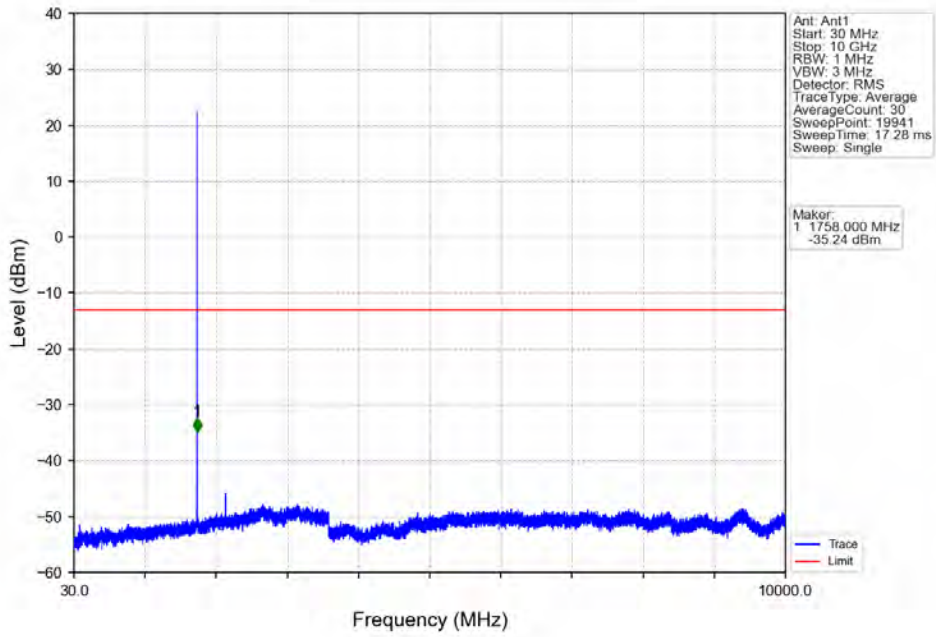
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



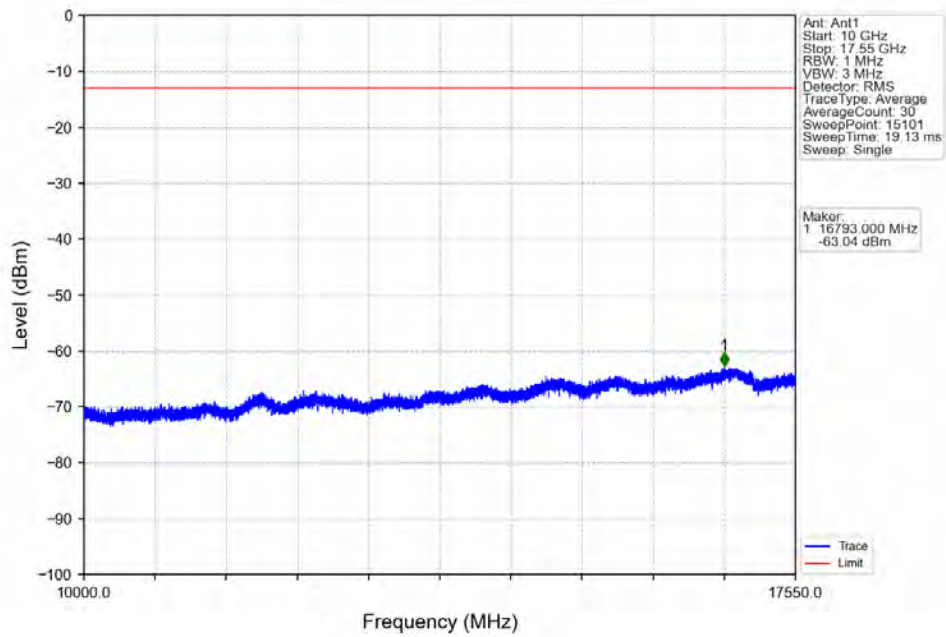
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



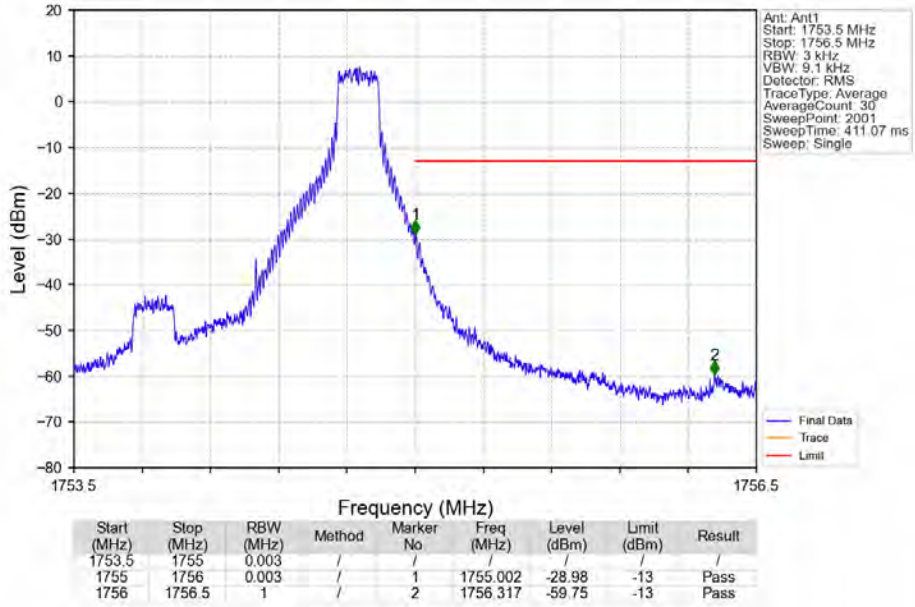
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTV



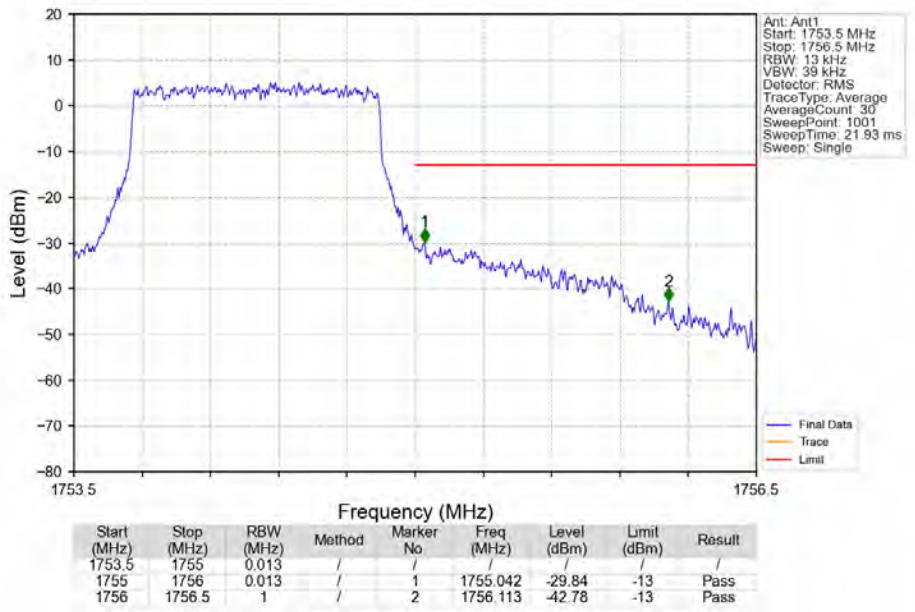
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTV



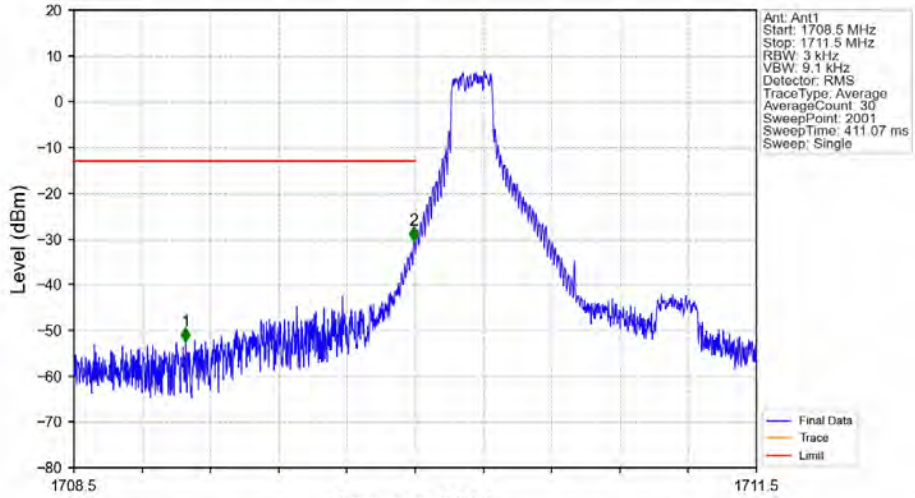
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTV

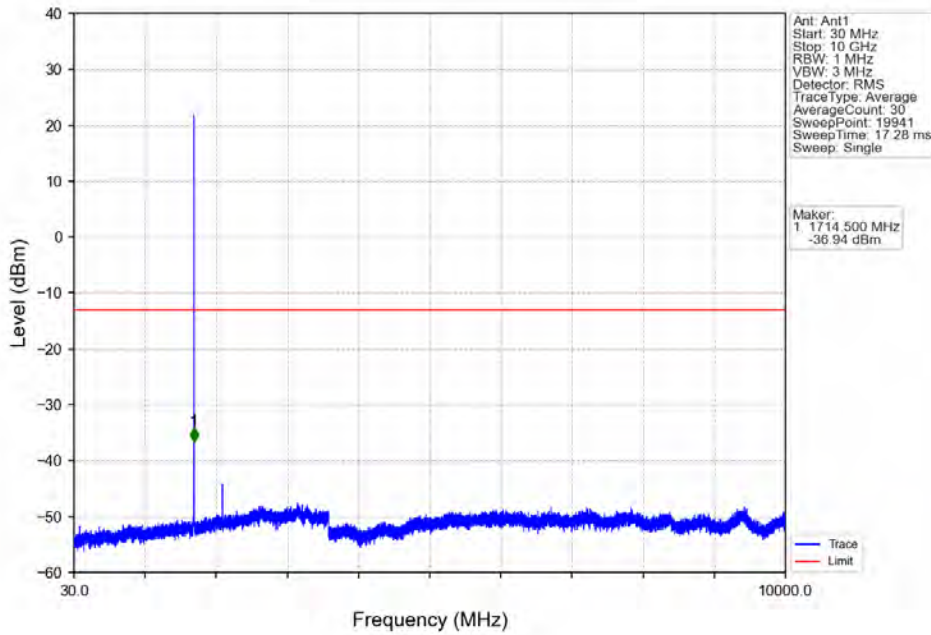


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

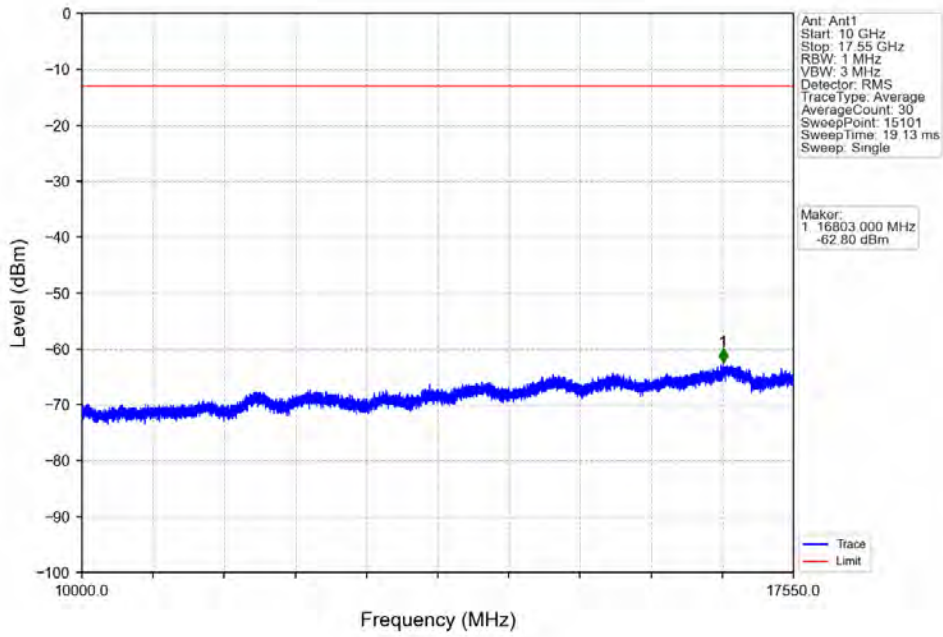


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.991	-52.42	-13	Pass
1709	1710	0.003	/	2	1709.994	-30.38	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

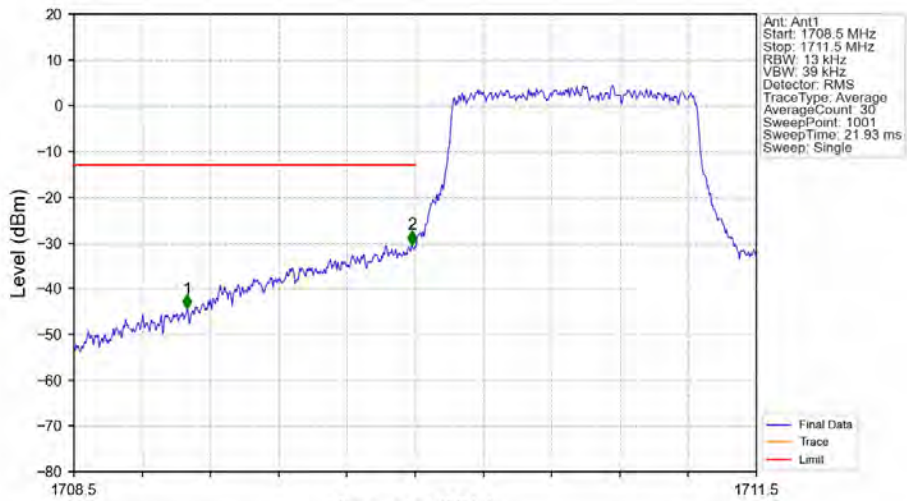
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

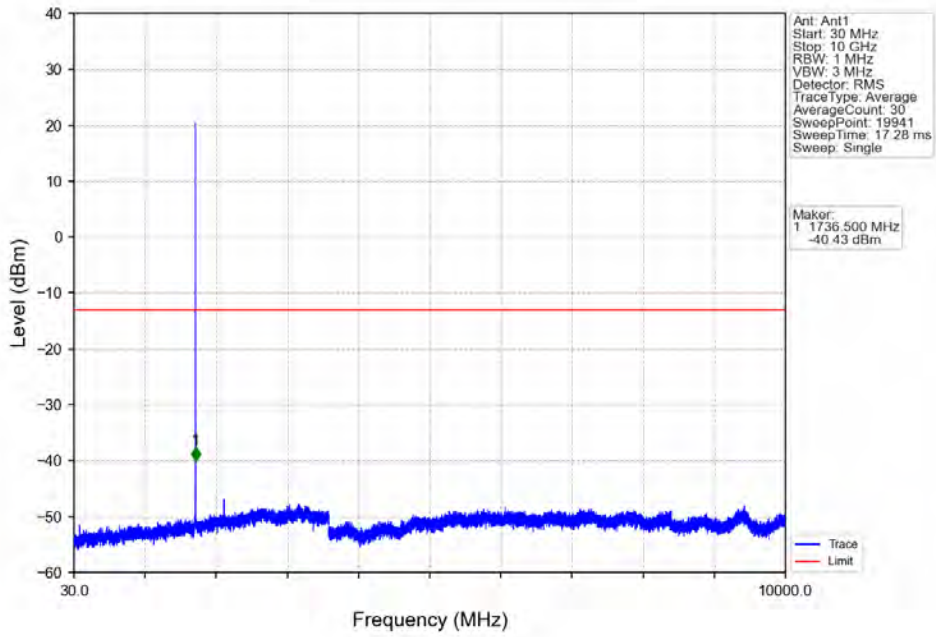


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

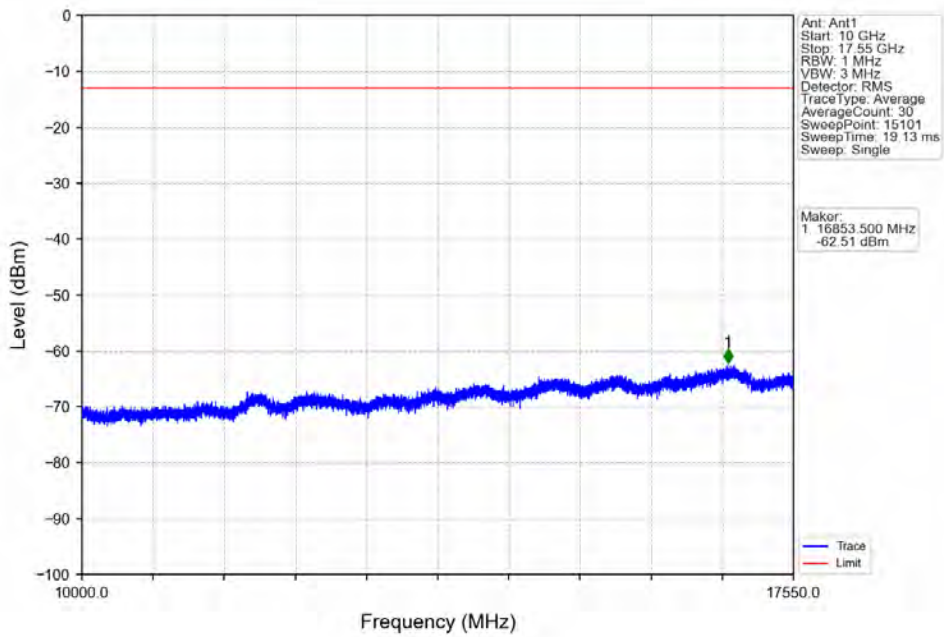


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.998	-44.41	-13	Pass
1709	1710	0.013	/	2	1709.985	-30.38	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

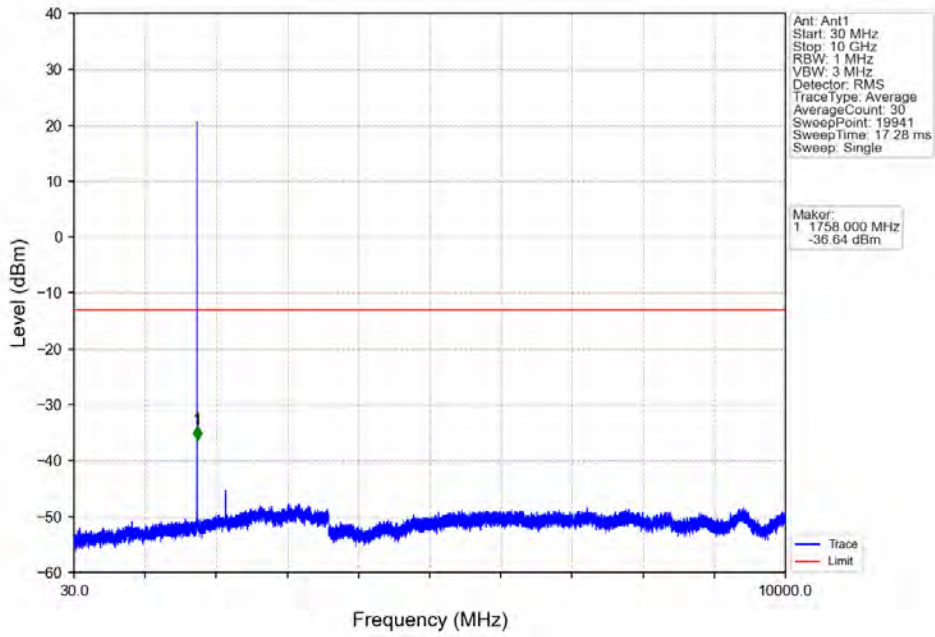
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



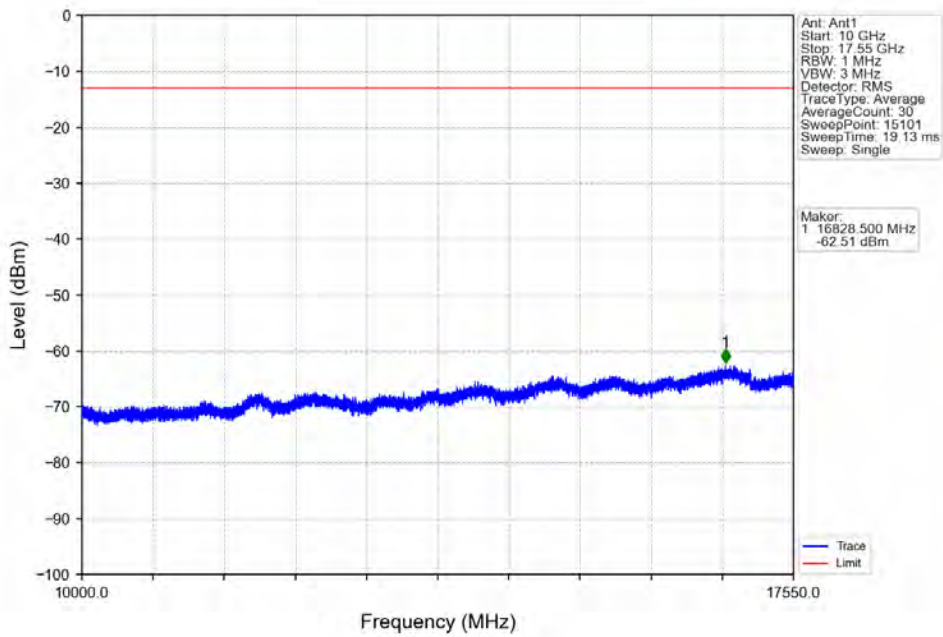
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



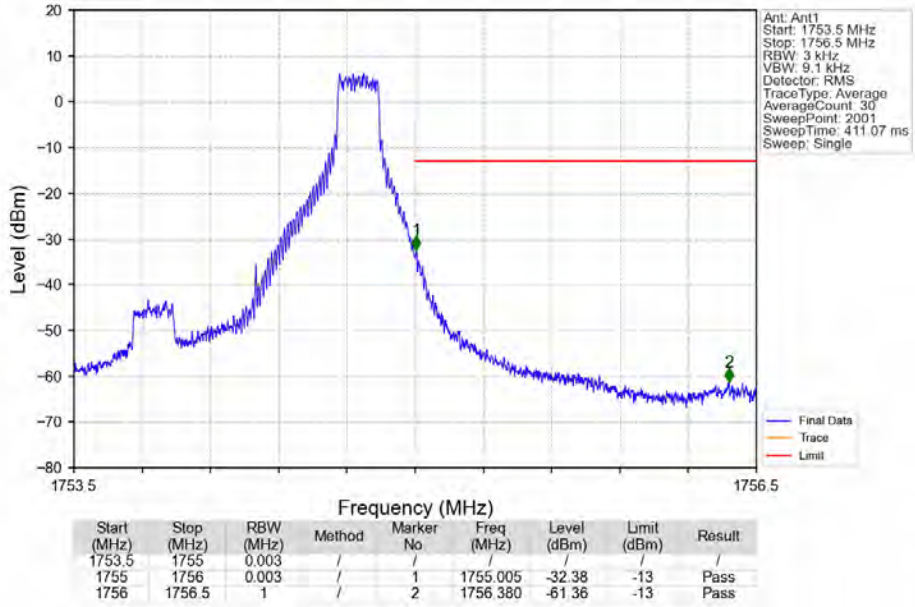
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



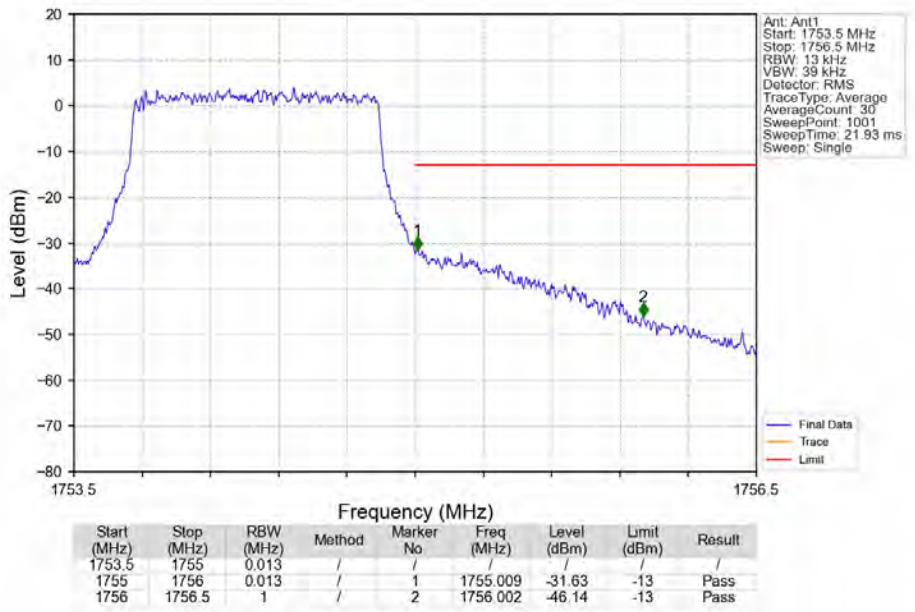
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

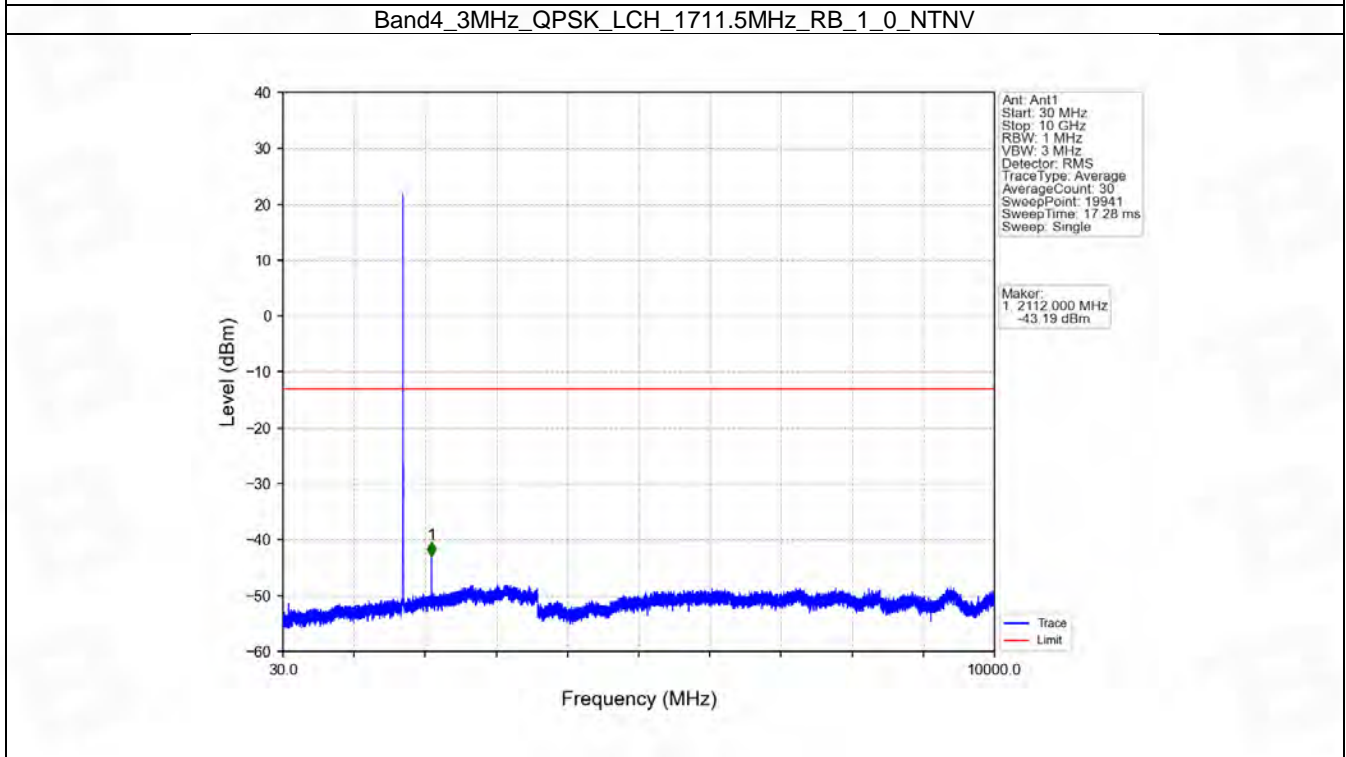
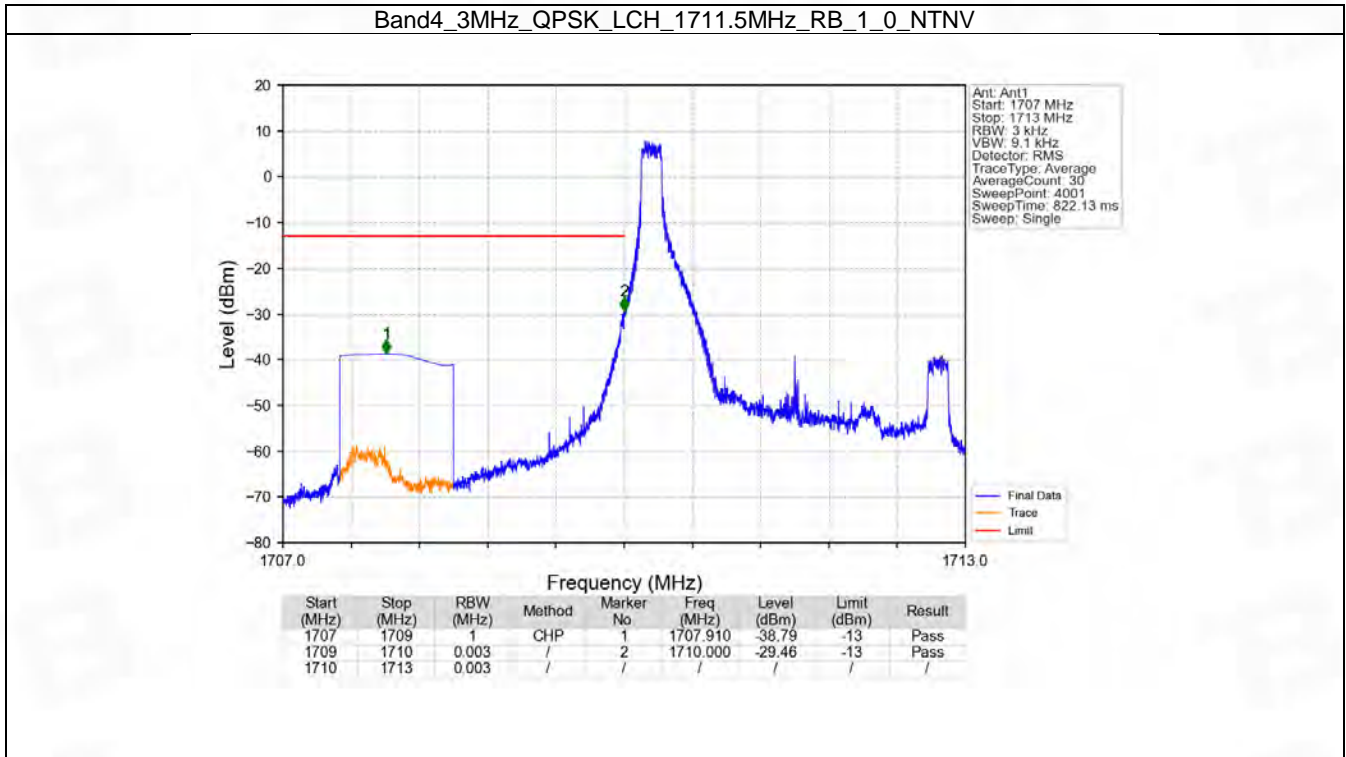


6.2 B4_3MHz

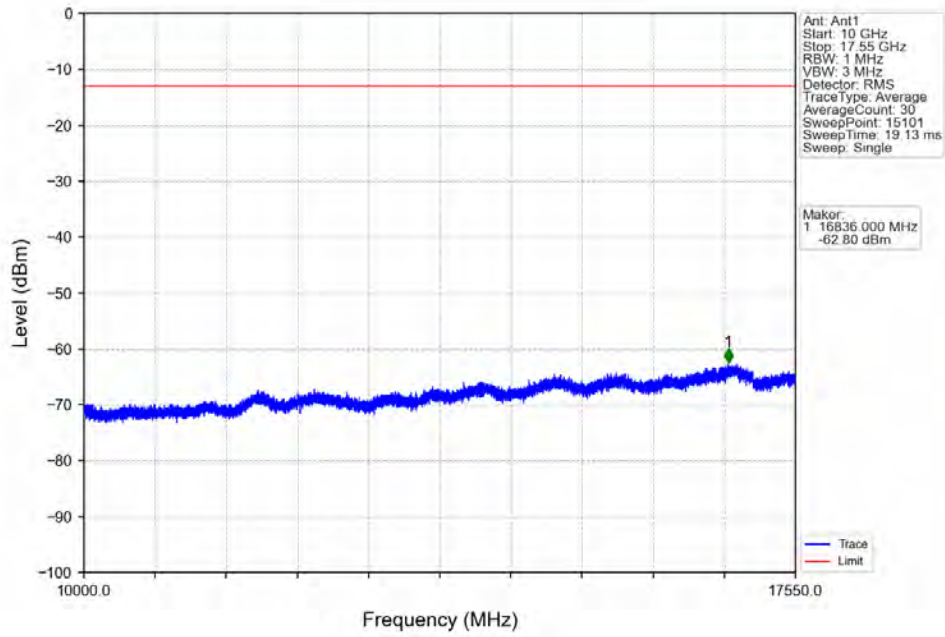
6.2.1 Test Result

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
		1753.5	1	0	Refer To Test Graph	
				14	Refer To Test Graph	
			15	0	Refer To Test Graph	
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
		1753.5	1	0	Refer To Test Graph	
				14	Refer To Test Graph	
			15	0	Refer To Test Graph	

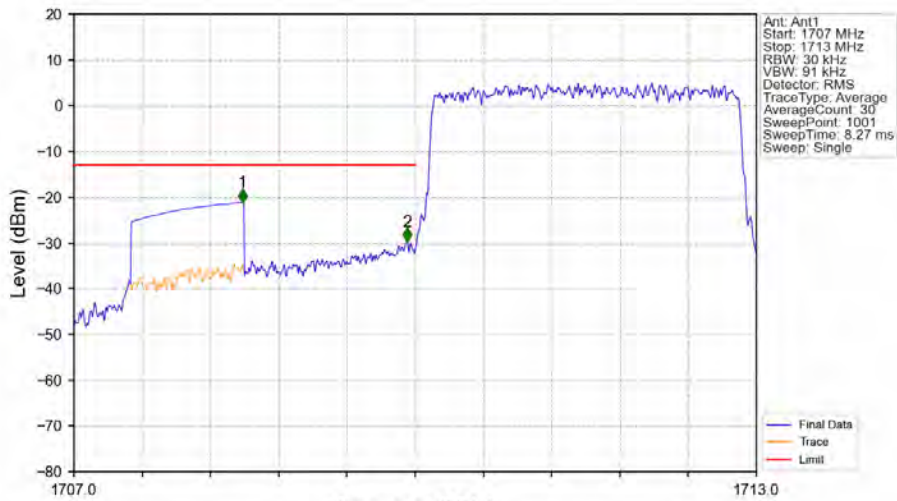
6.2.2 Test Graph



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

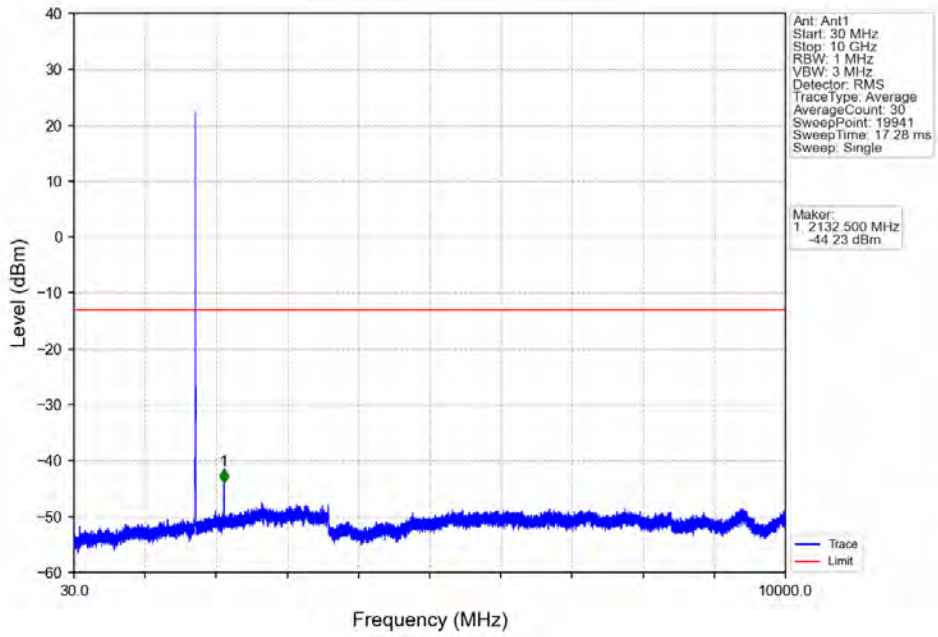


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

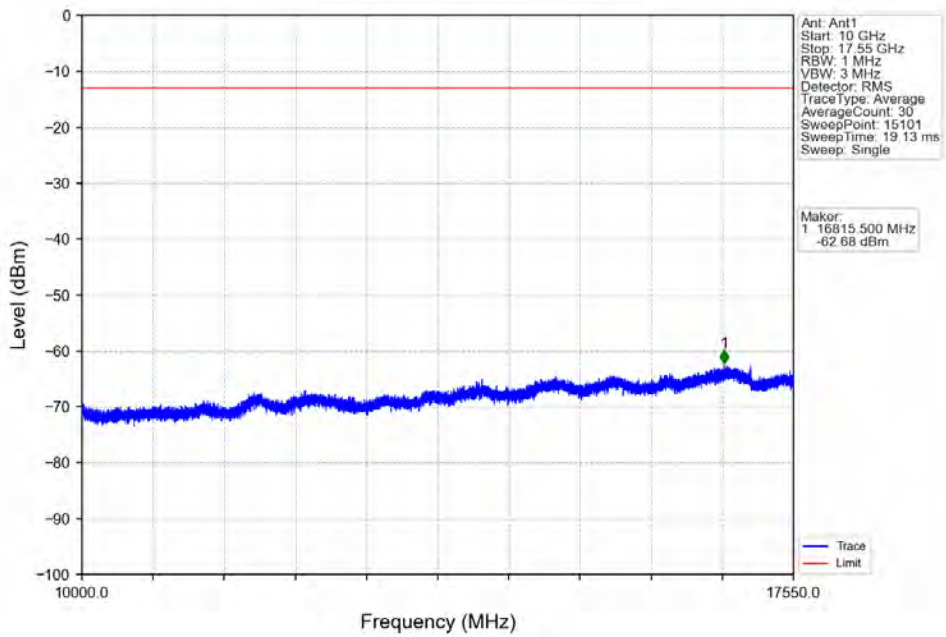


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.482	-21.18	-13	Pass
1709	1710	0.03	/	2	1709.928	-29.74	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

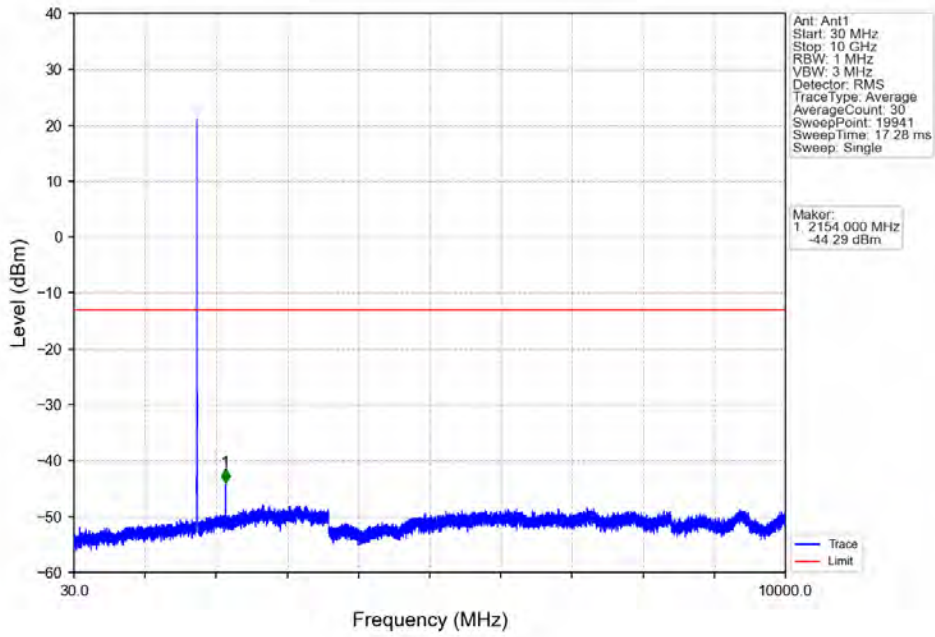
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



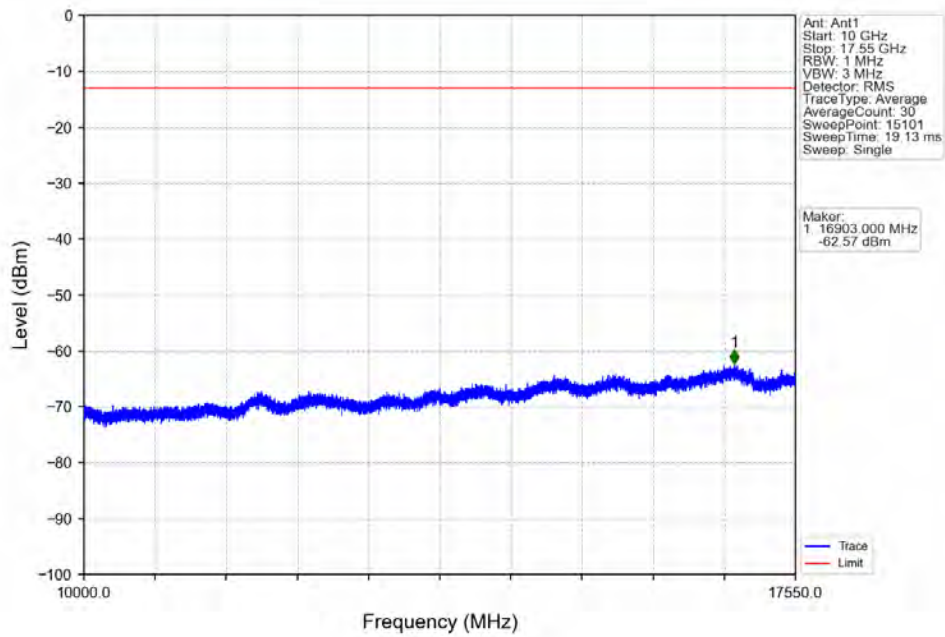
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



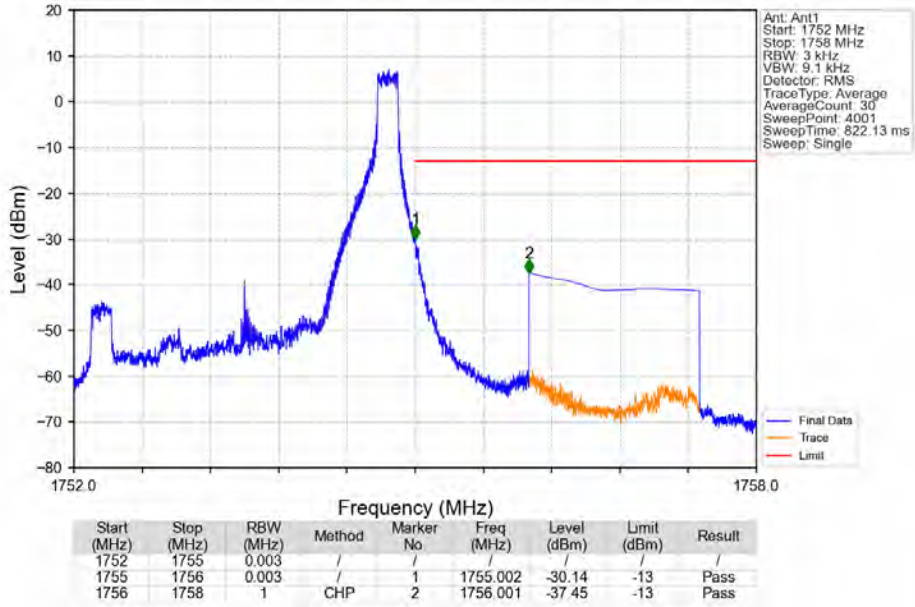
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



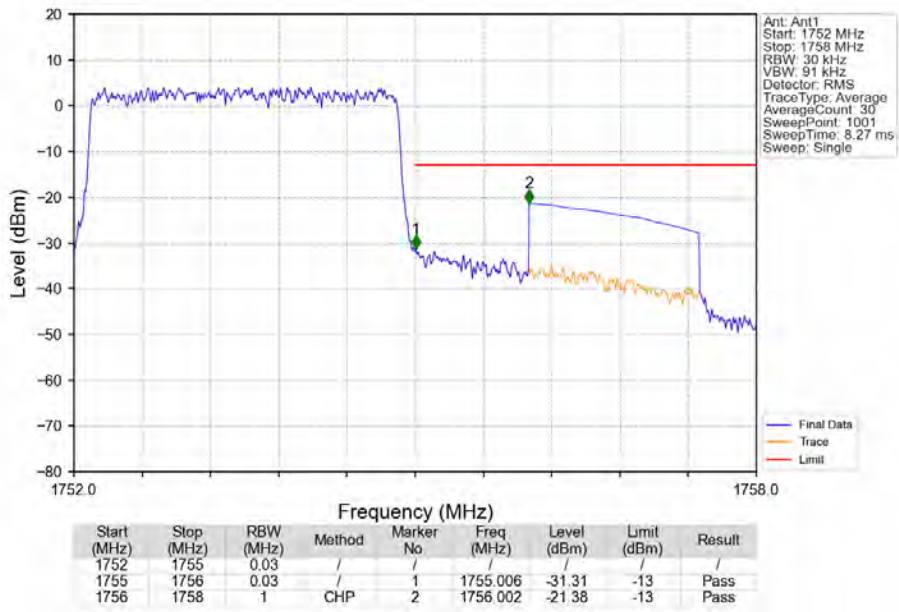
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



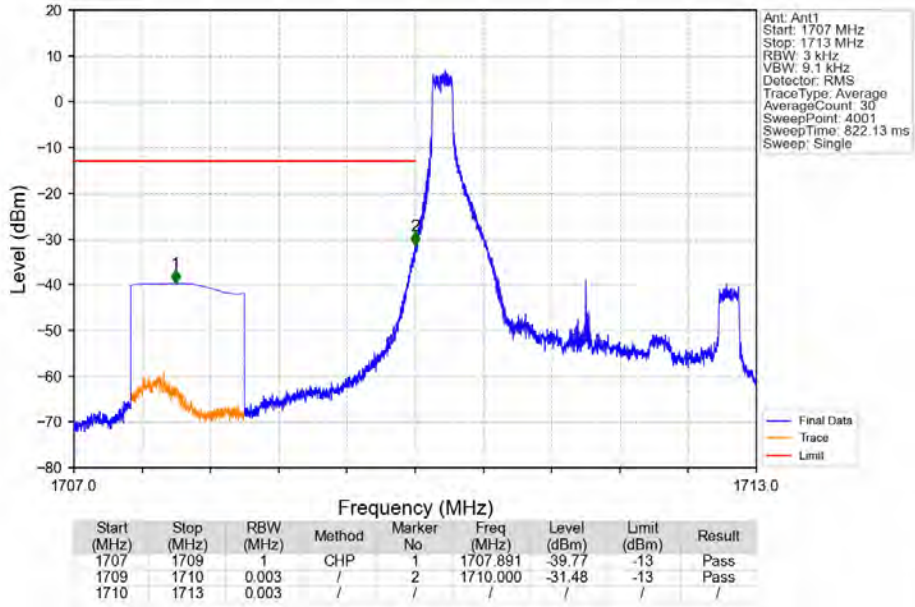
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



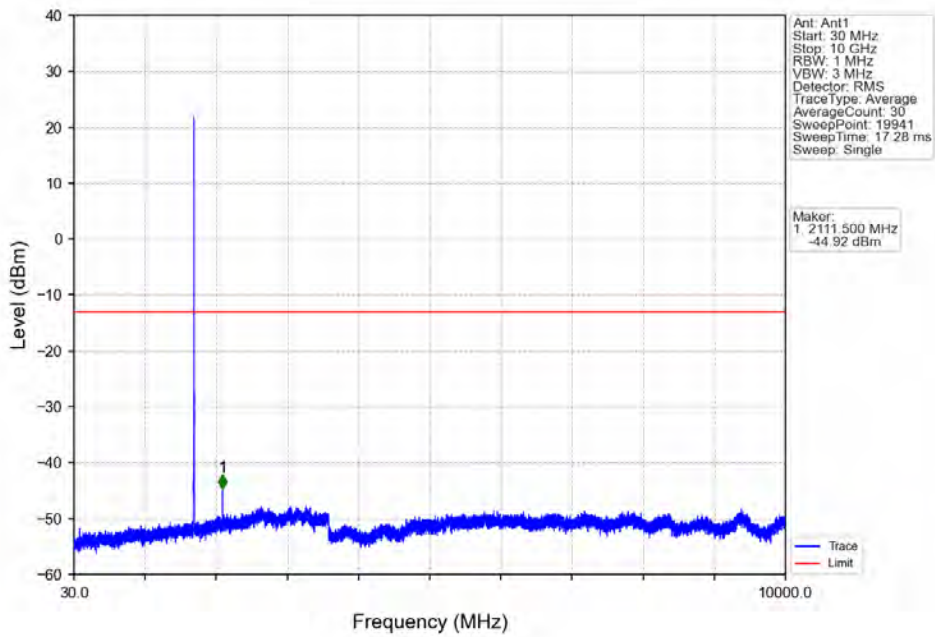
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



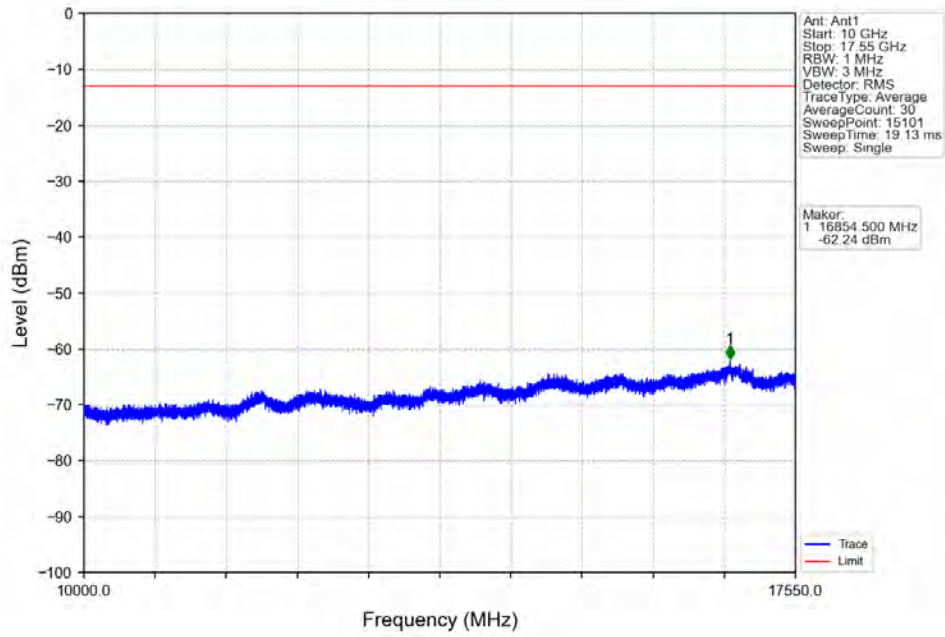
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



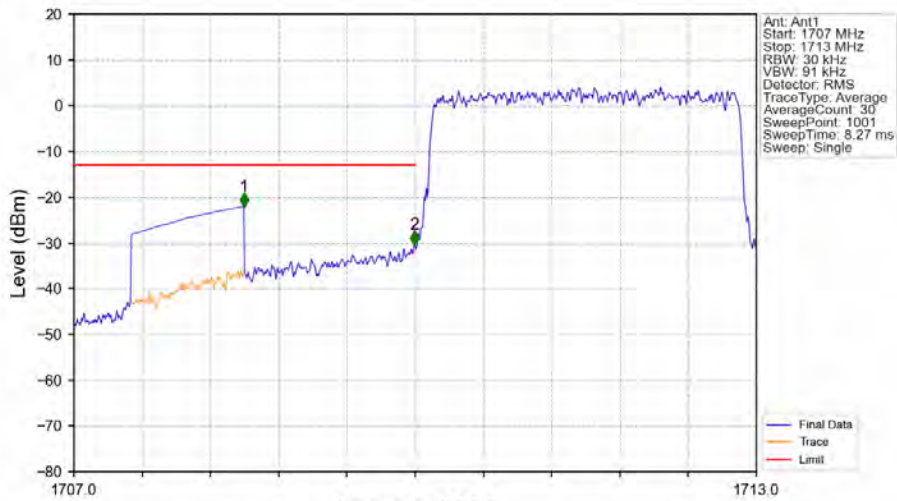
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

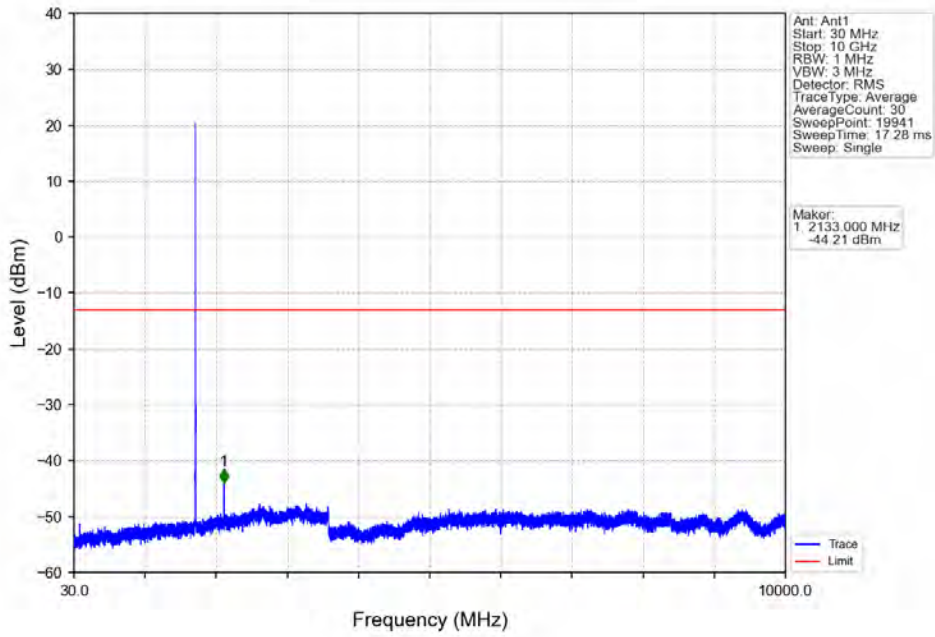


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

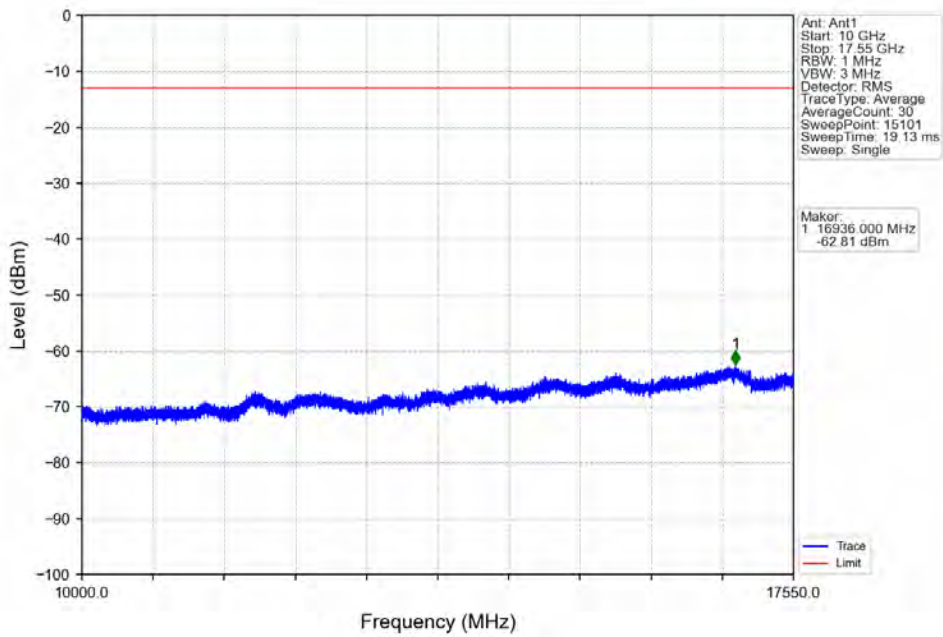


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-22.07	-13	Pass
1709	1710	0.03	/	2	1709.994	-30.37	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

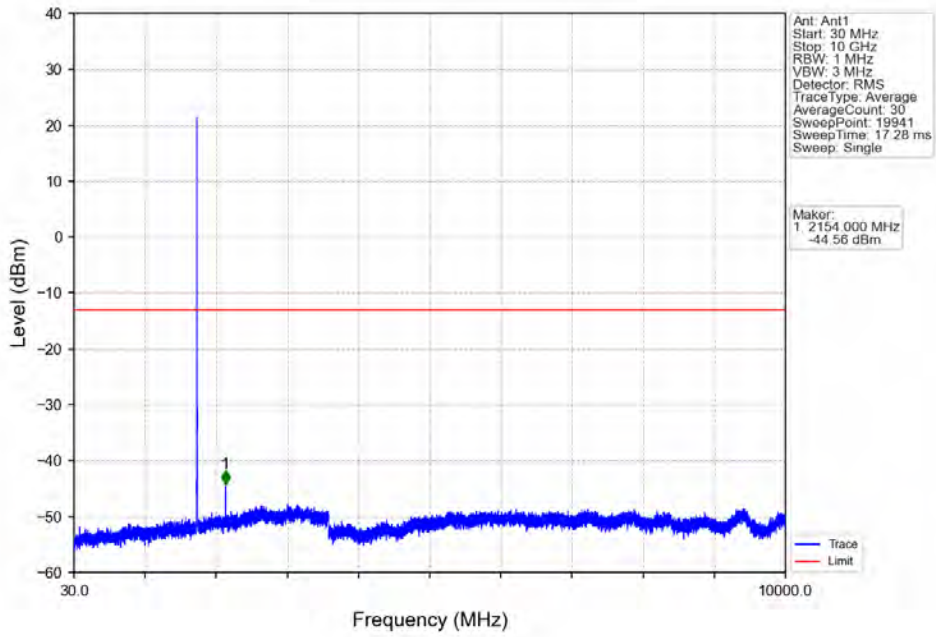
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



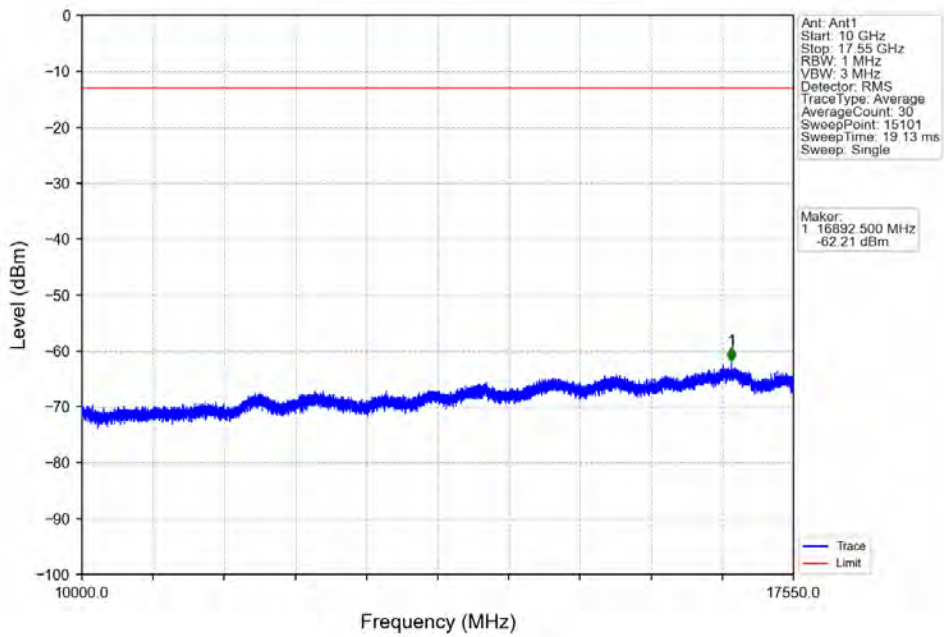
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



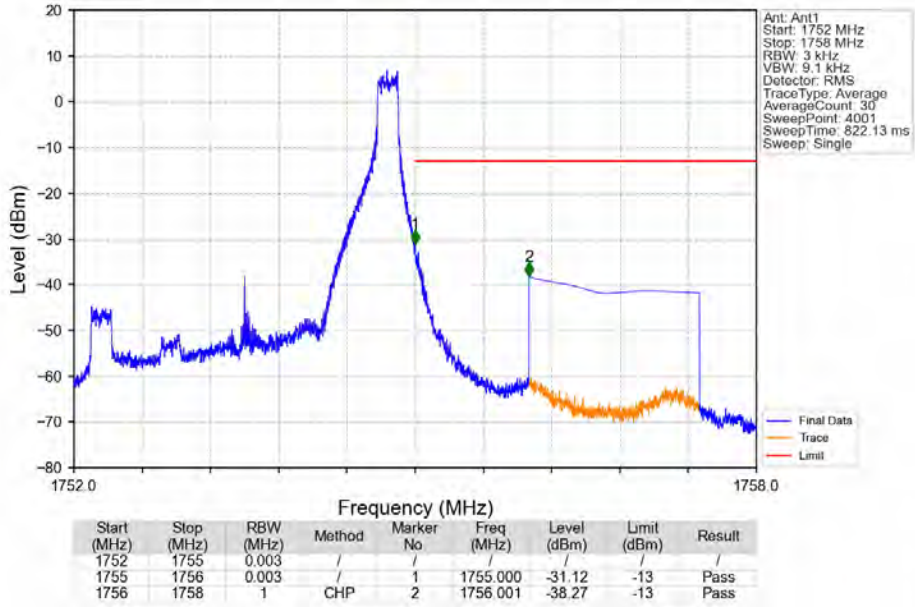
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



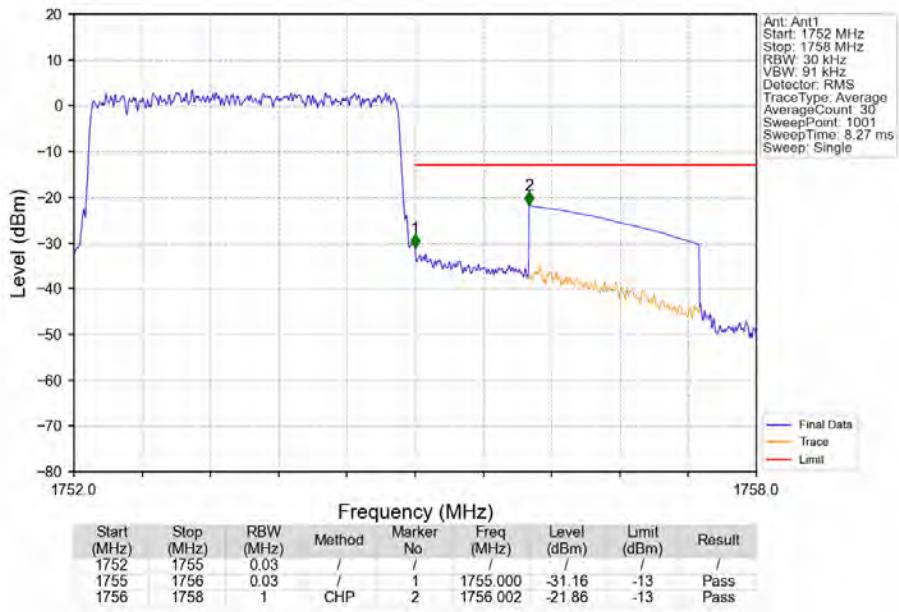
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTV

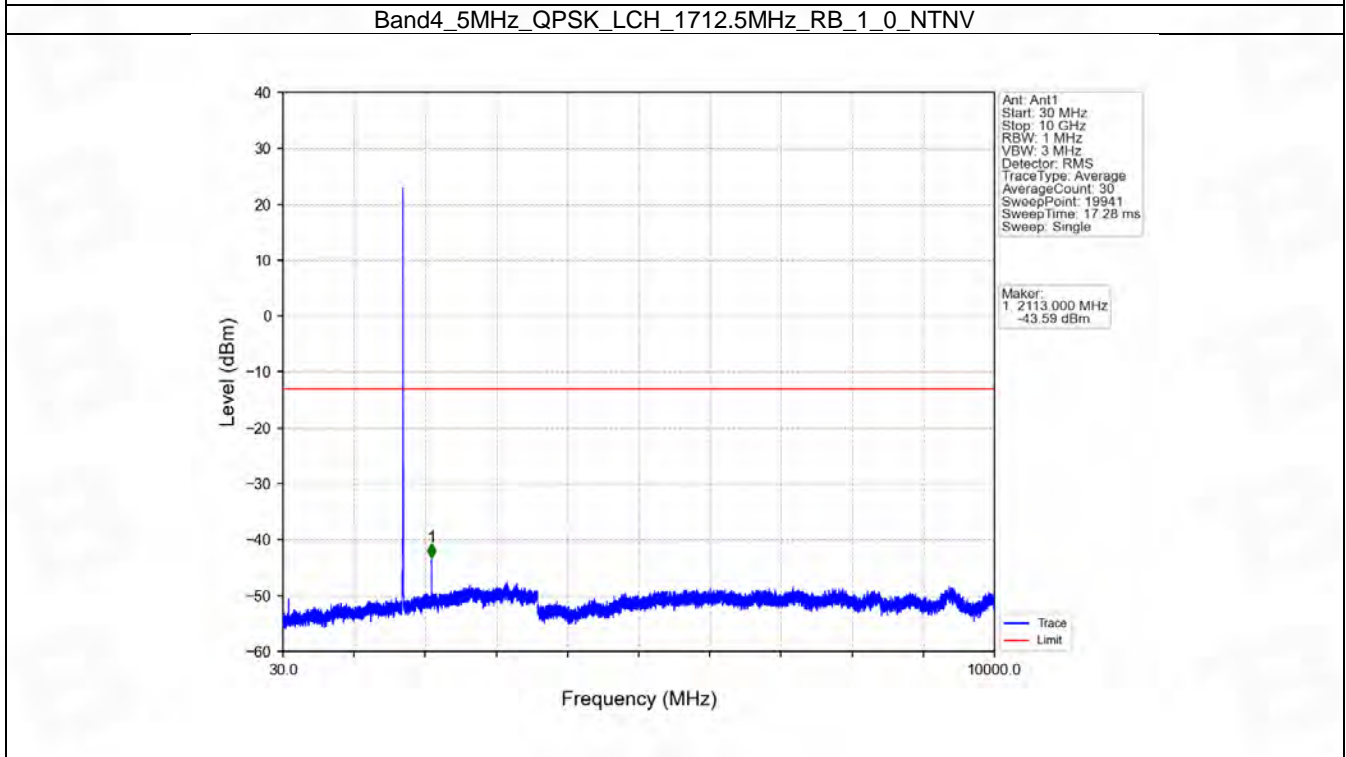
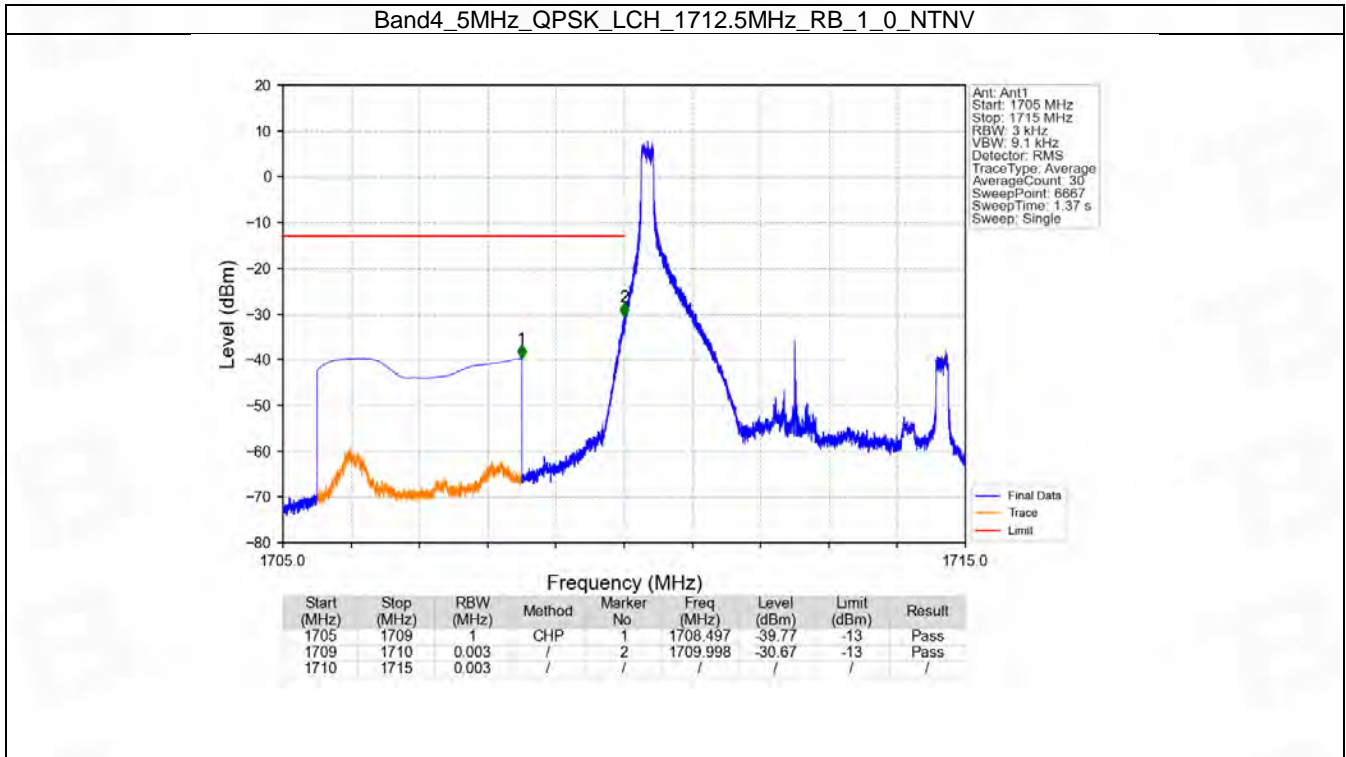


6.3 B4_5MHz

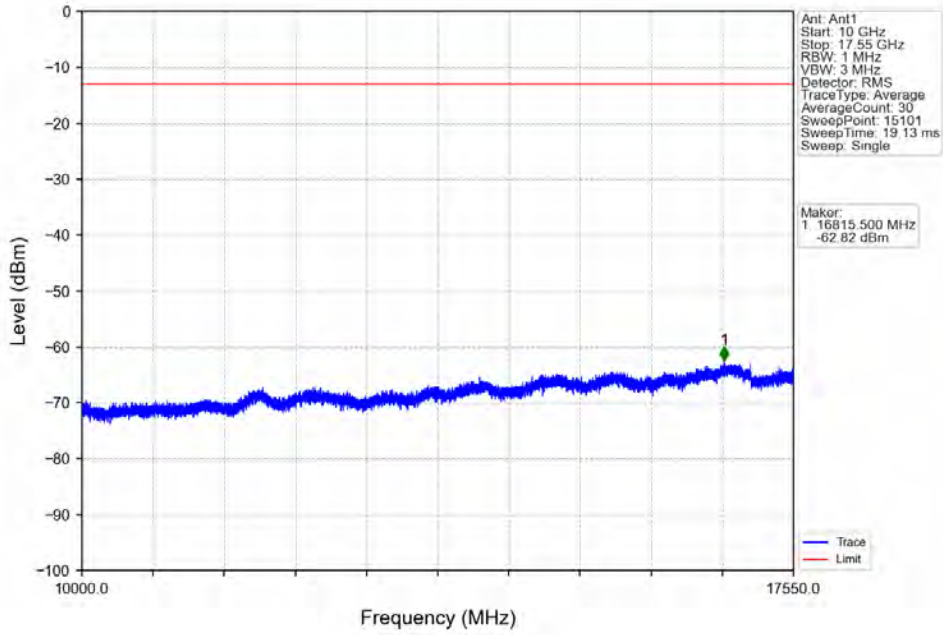
6.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTN							
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	
	1752.5	1732.5	1	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
16QAM	1712.5	1	0	Refer To Test Graph		Pass	
		25	0	Refer To Test Graph		Pass	
	1752.5	1732.5	1	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	

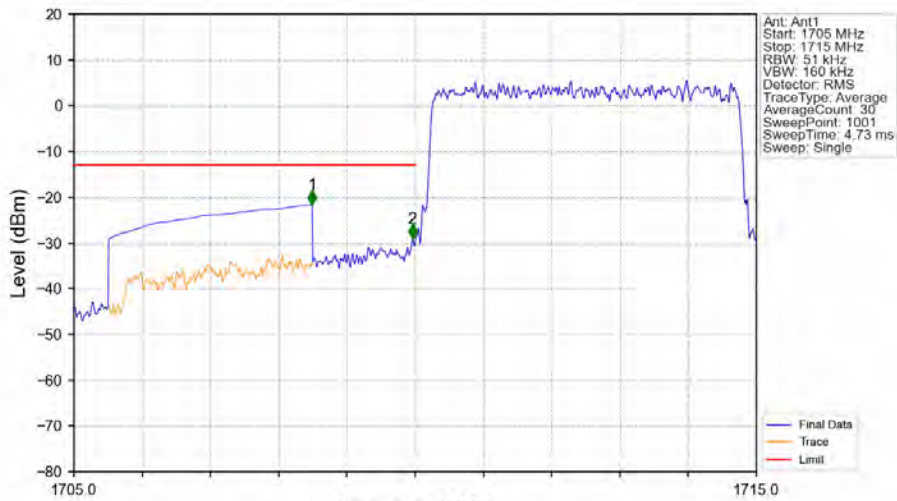
6.3.2 Test Graph



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

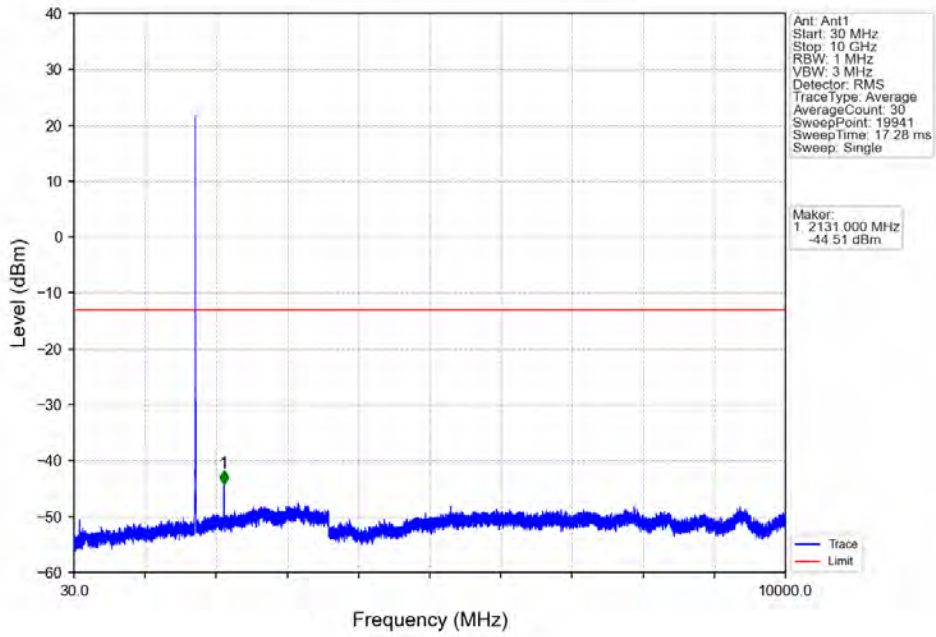


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

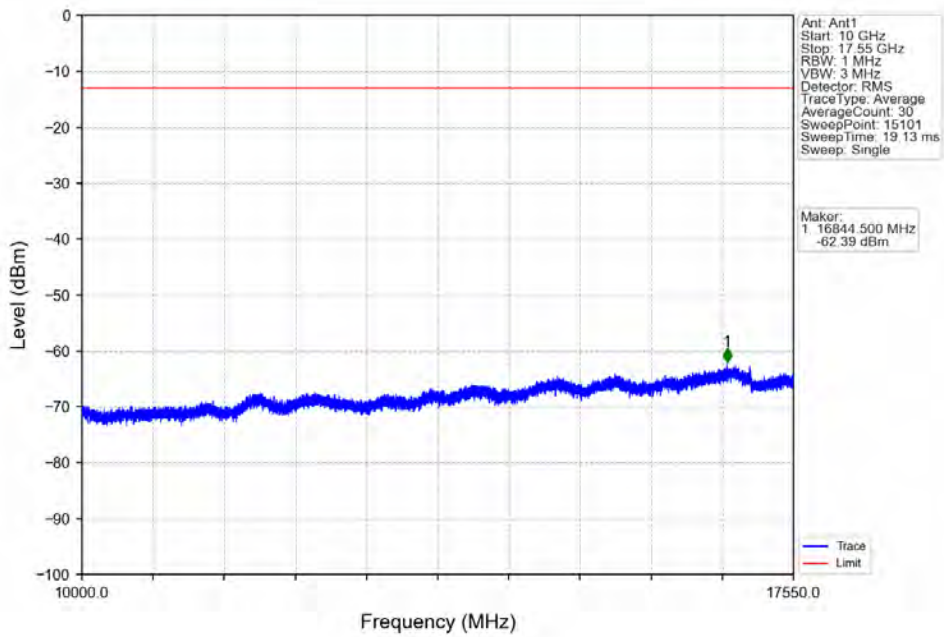


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-21.70	-13	Pass
1709	1710	0.051	/	2	1709.960	-29.02	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

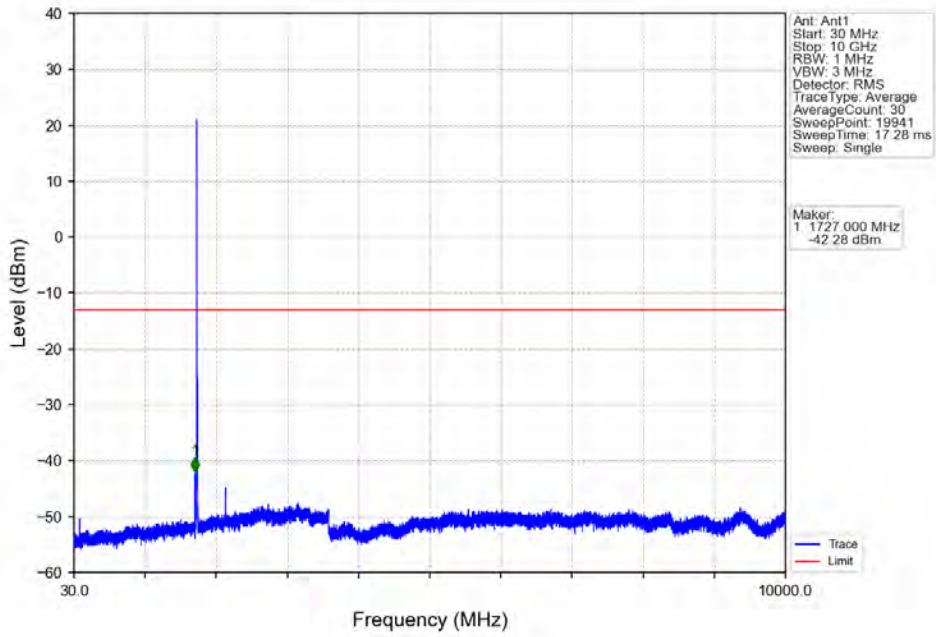
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



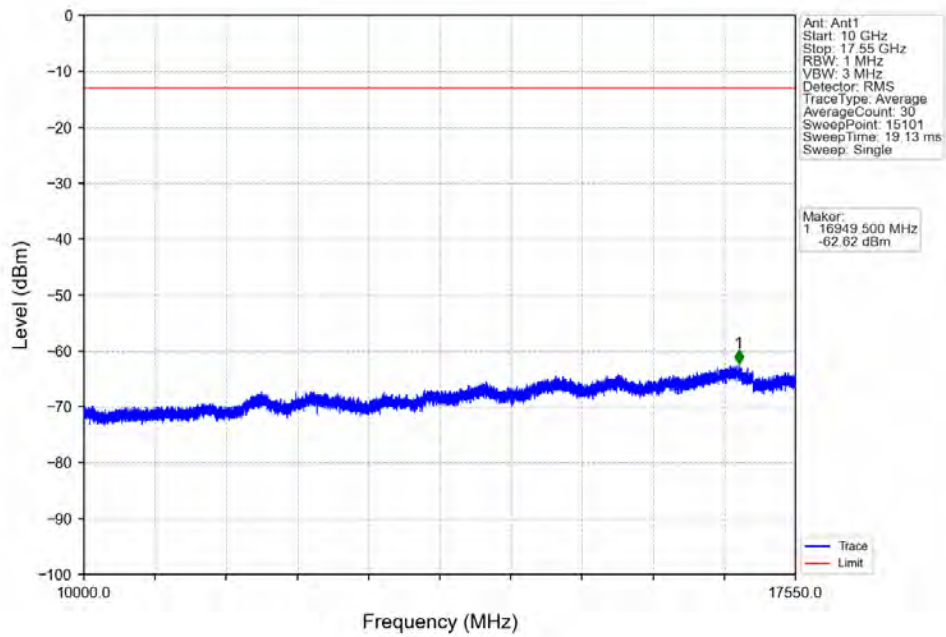
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



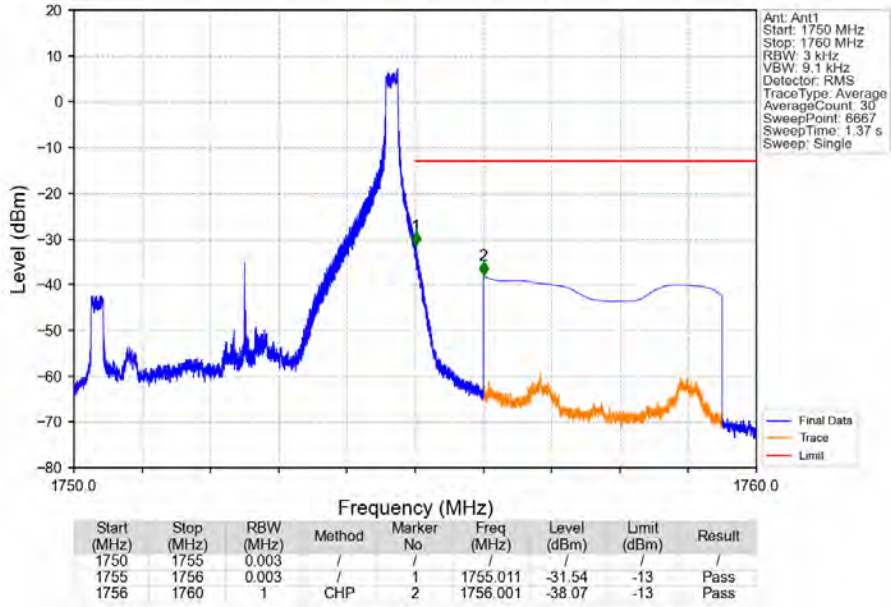
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



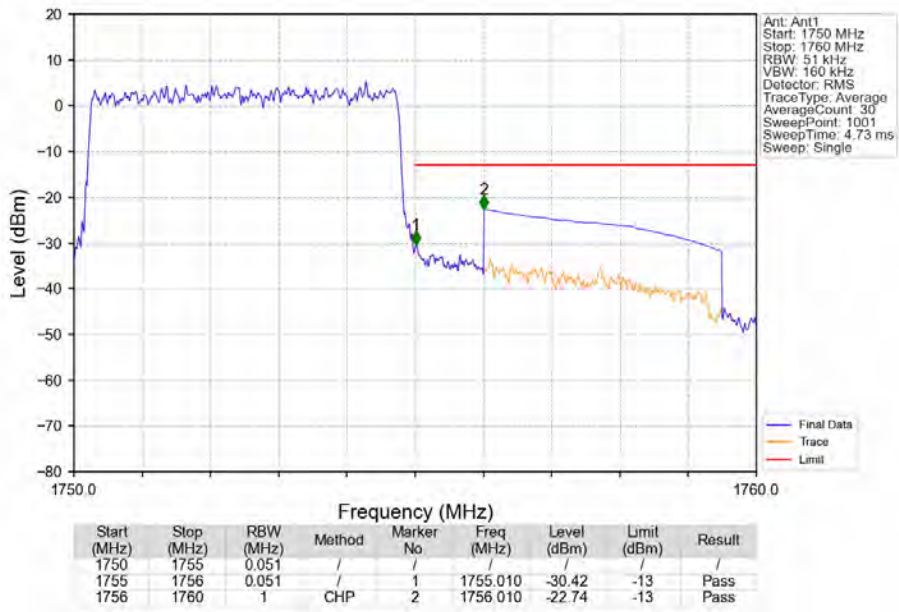
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



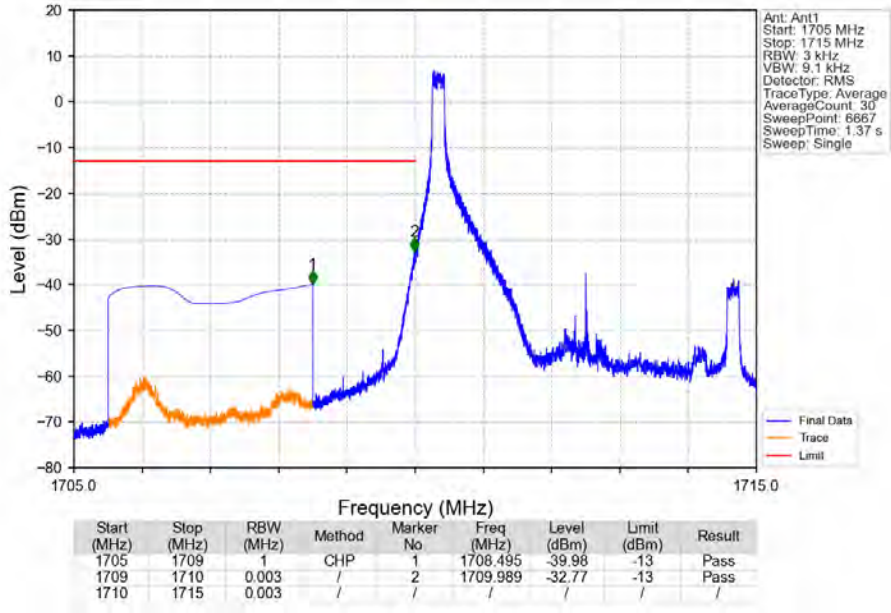
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



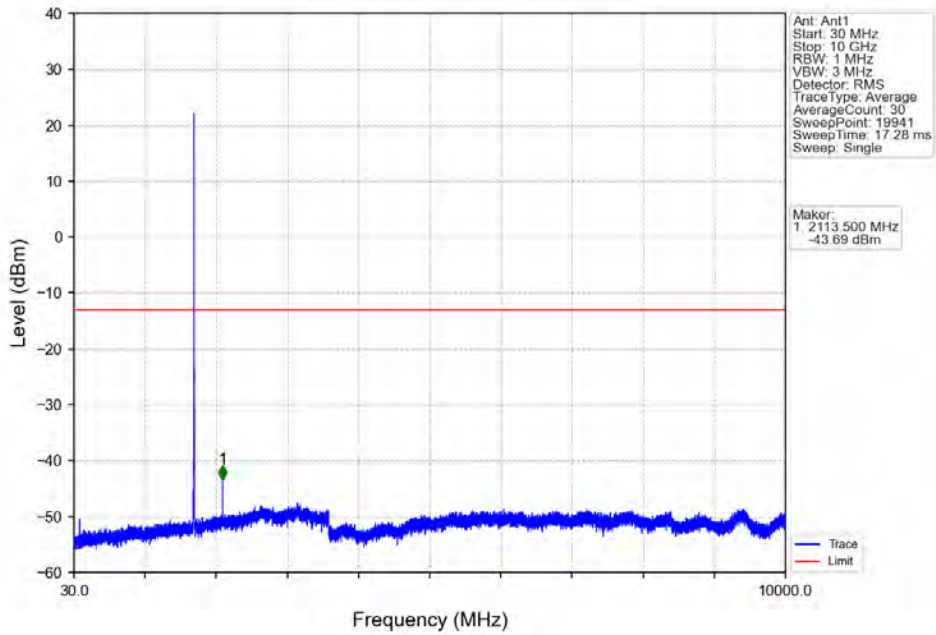
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



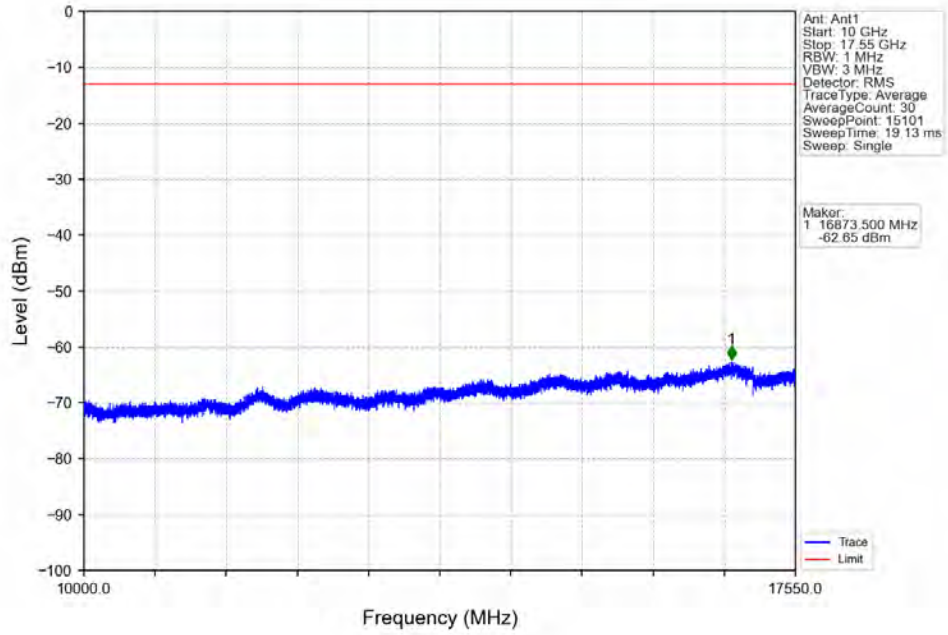
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



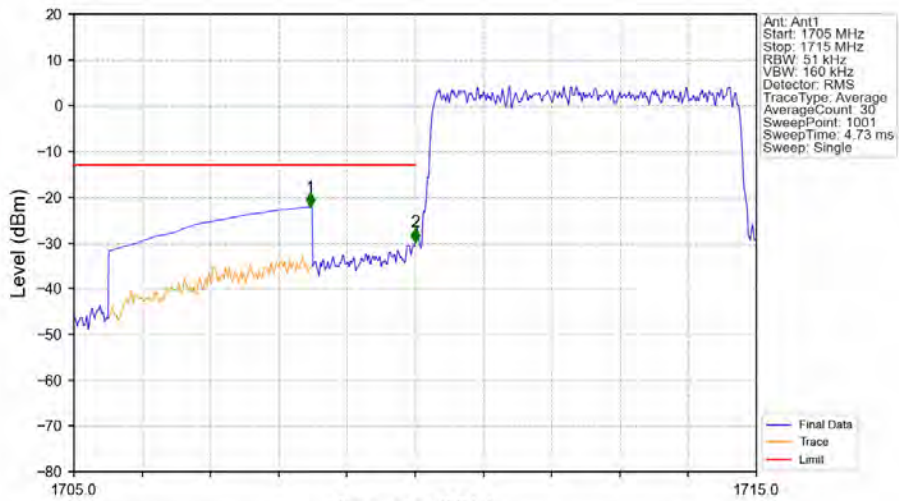
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

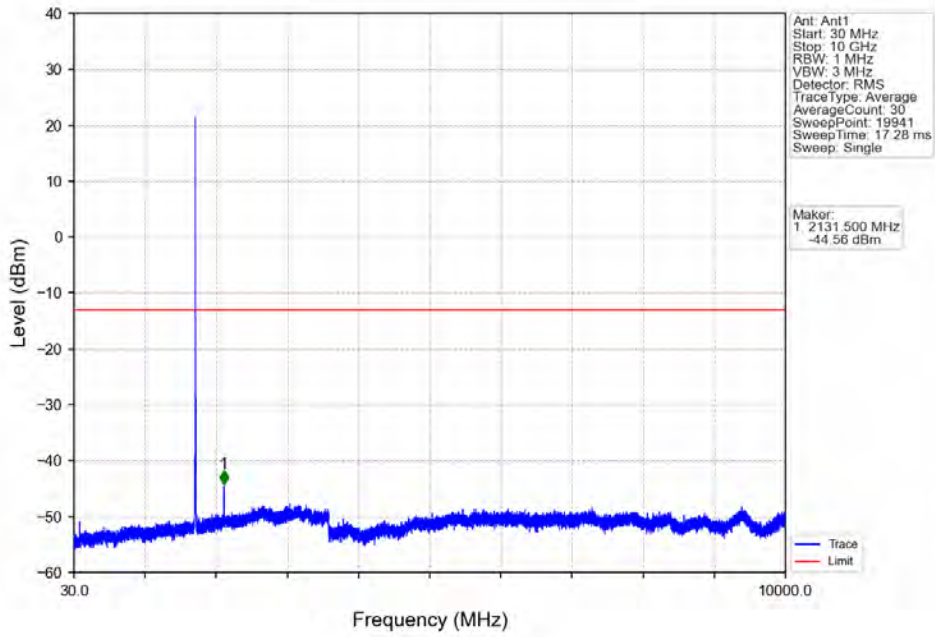


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

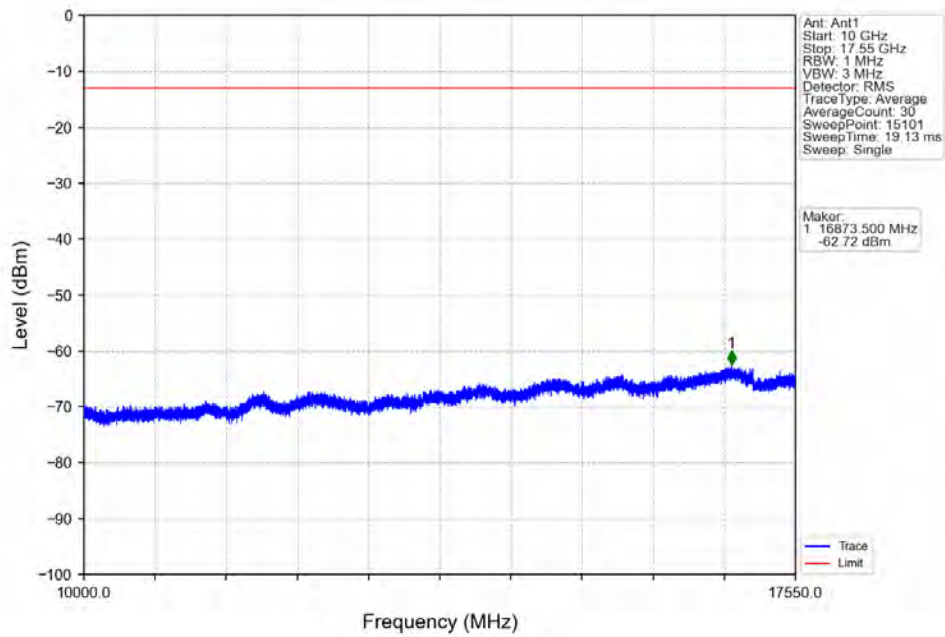


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.460	-22.11	-13	Pass
1709	1710	0.051	/	2	1710.000	-29.83	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

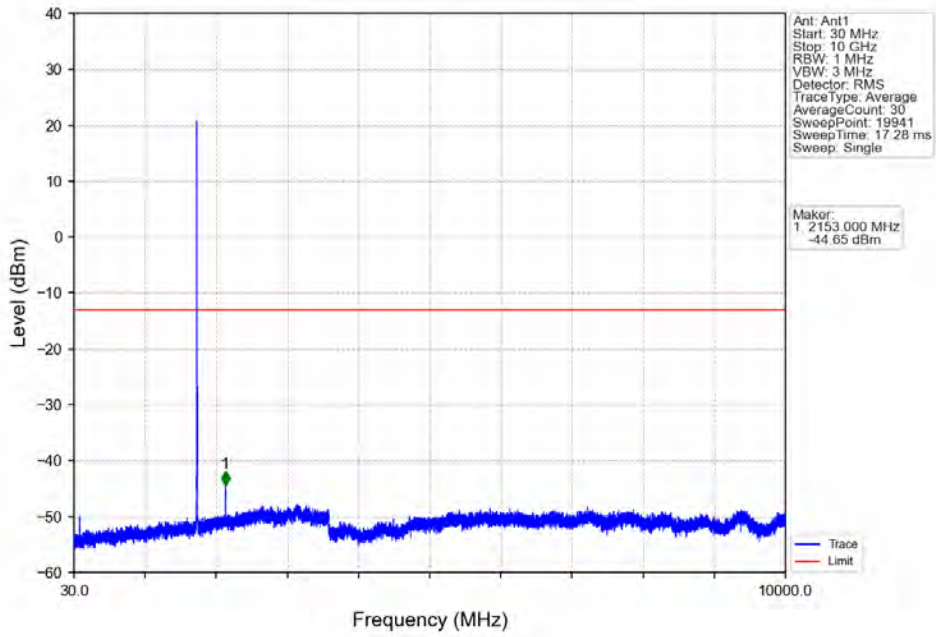
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



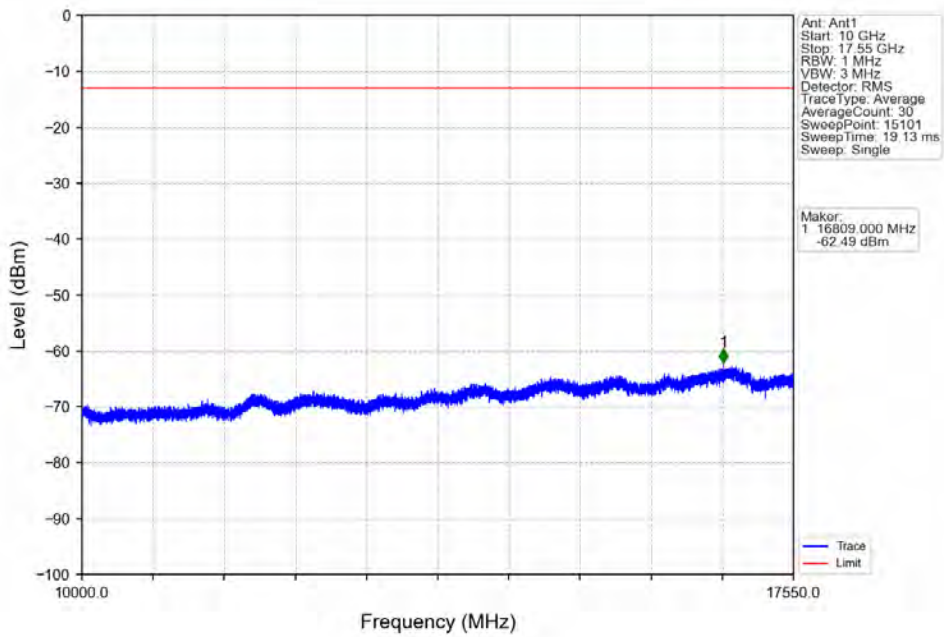
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



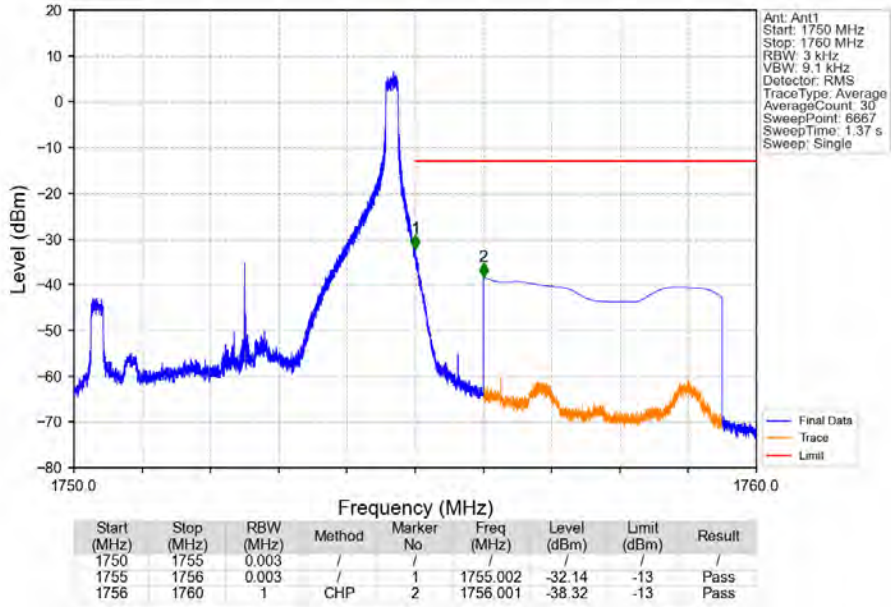
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



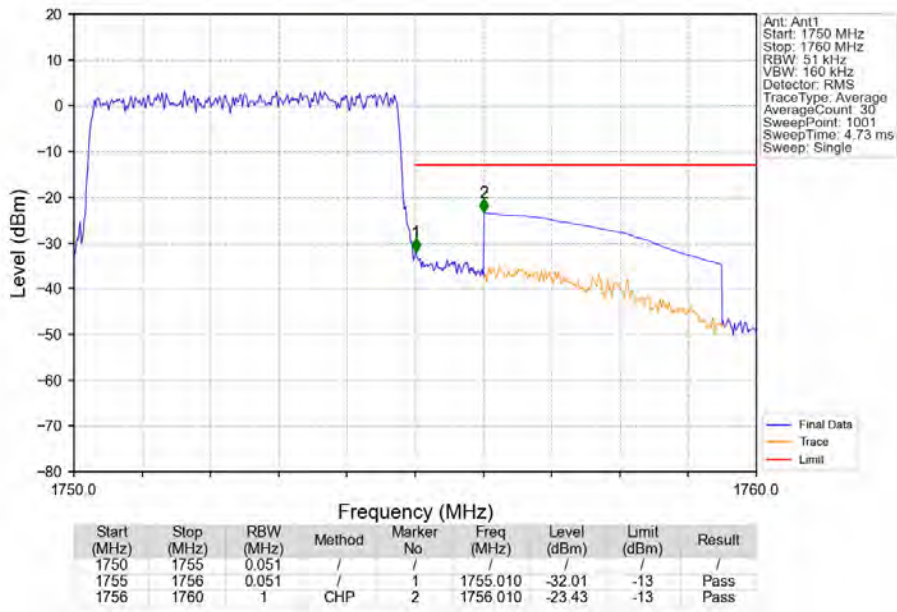
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

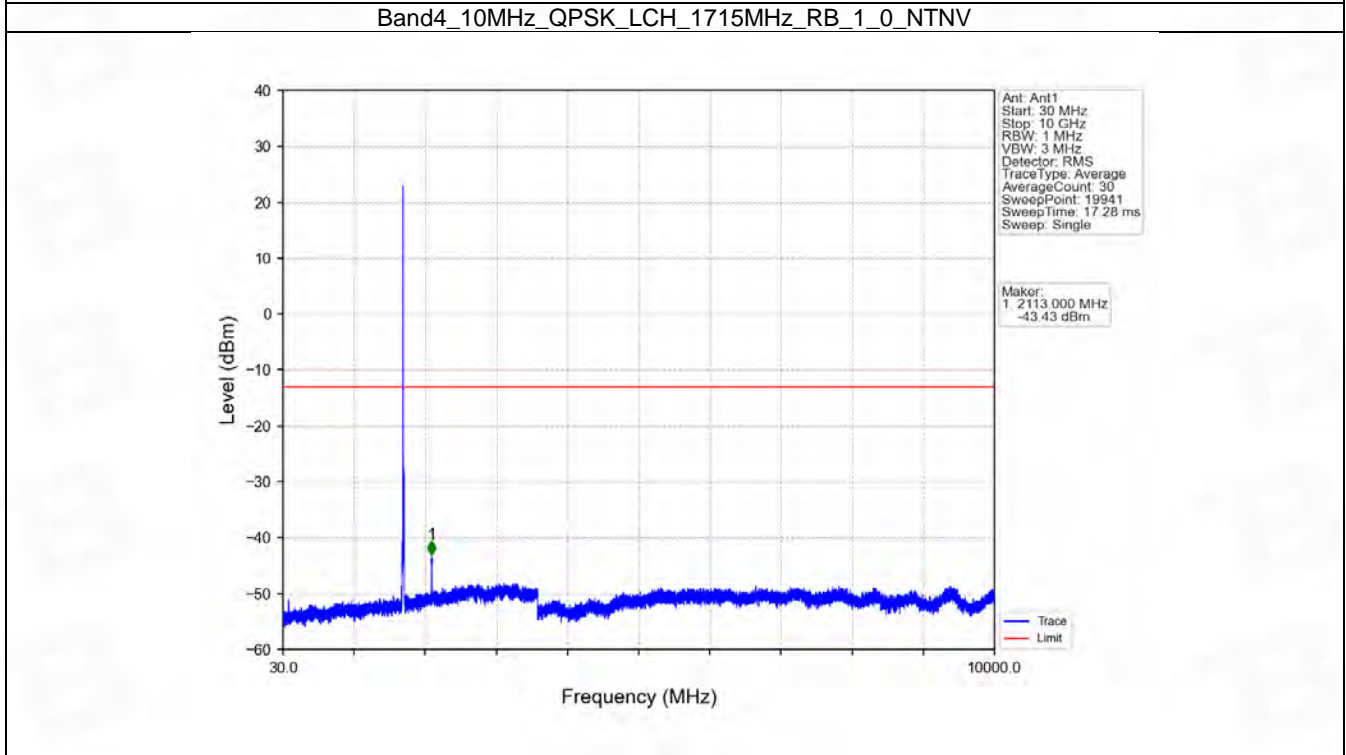
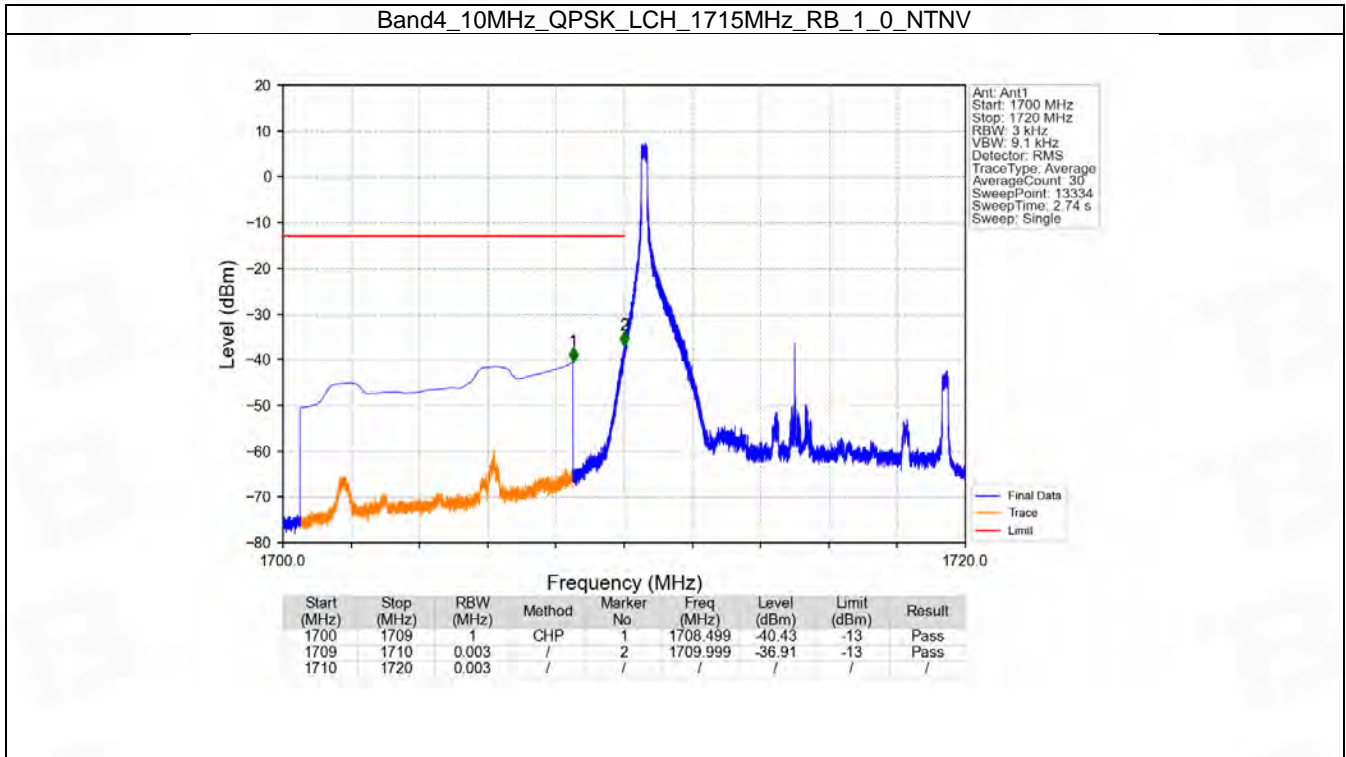


6.4 B4_10MHz

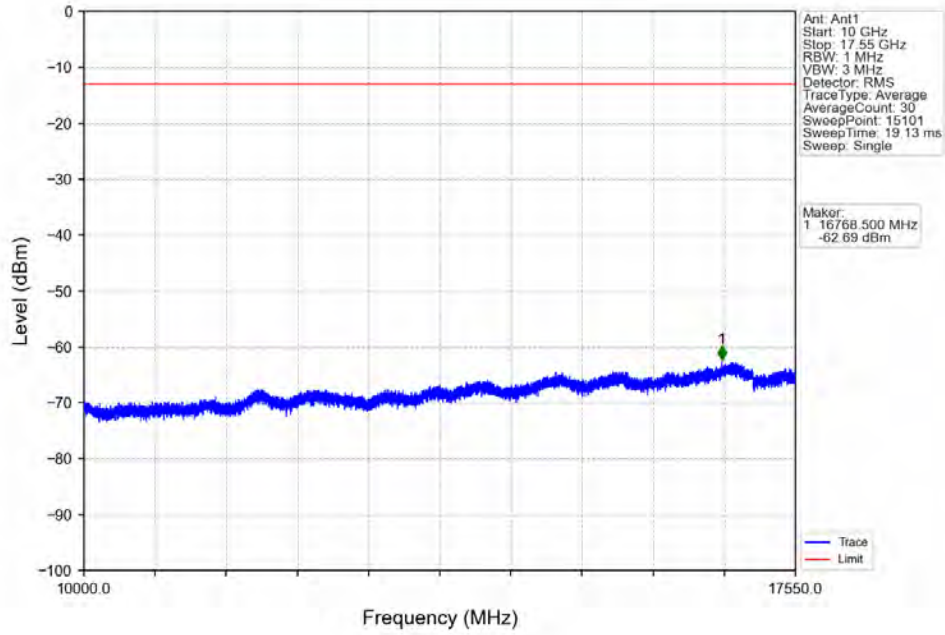
6.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTV							
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	

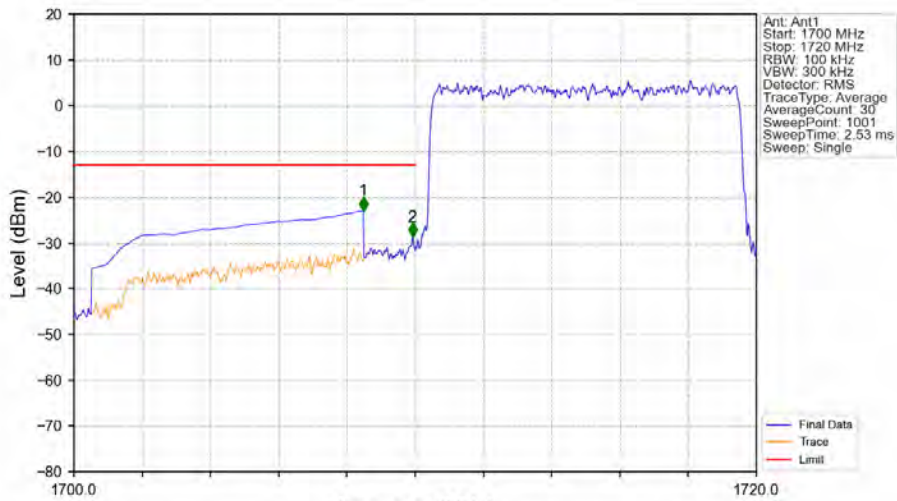
6.4.2 Test Graph



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

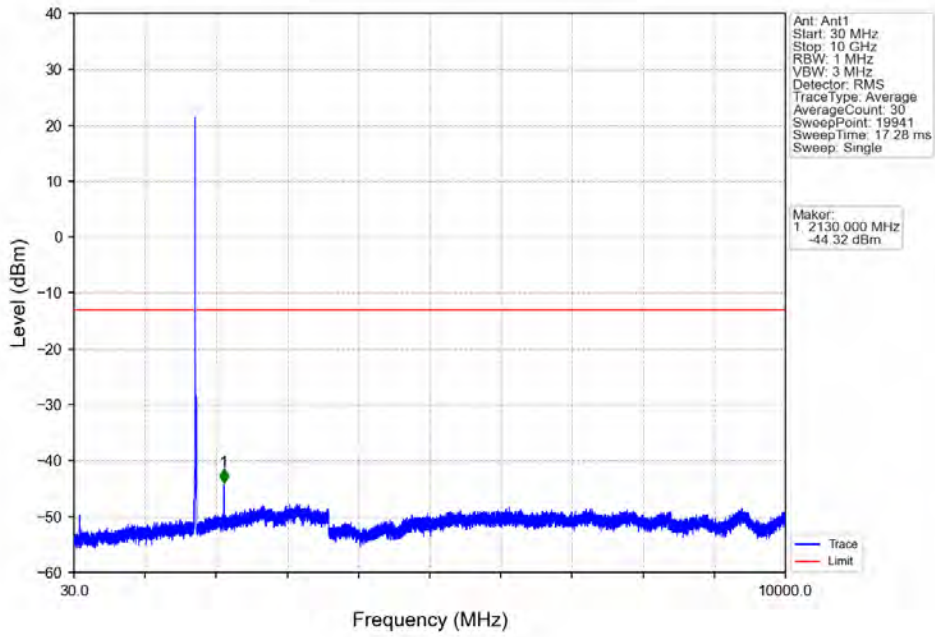


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

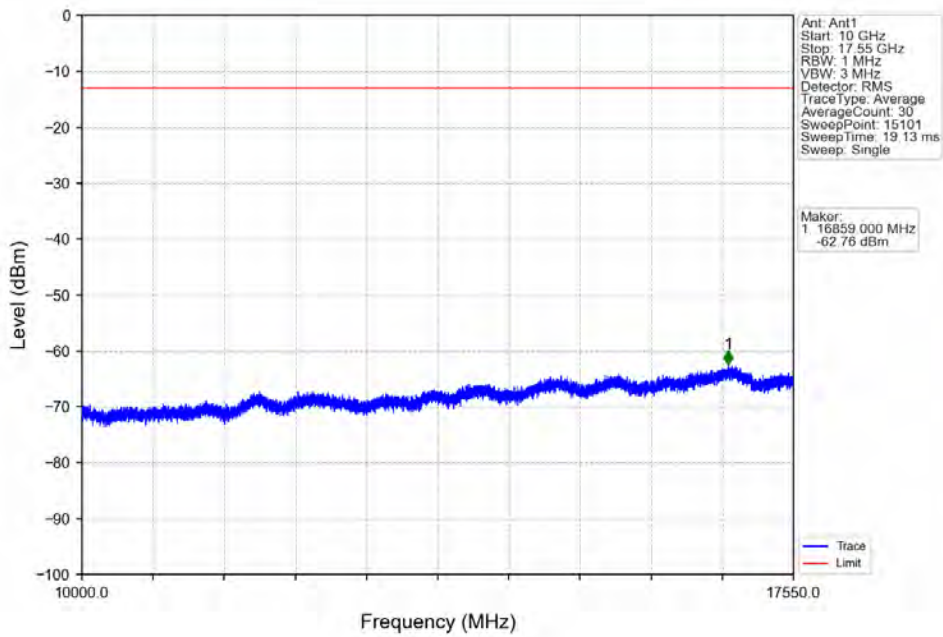


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-22.96	-13	Pass
1709	1710	0.1	/	2	1709.920	-28.64	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

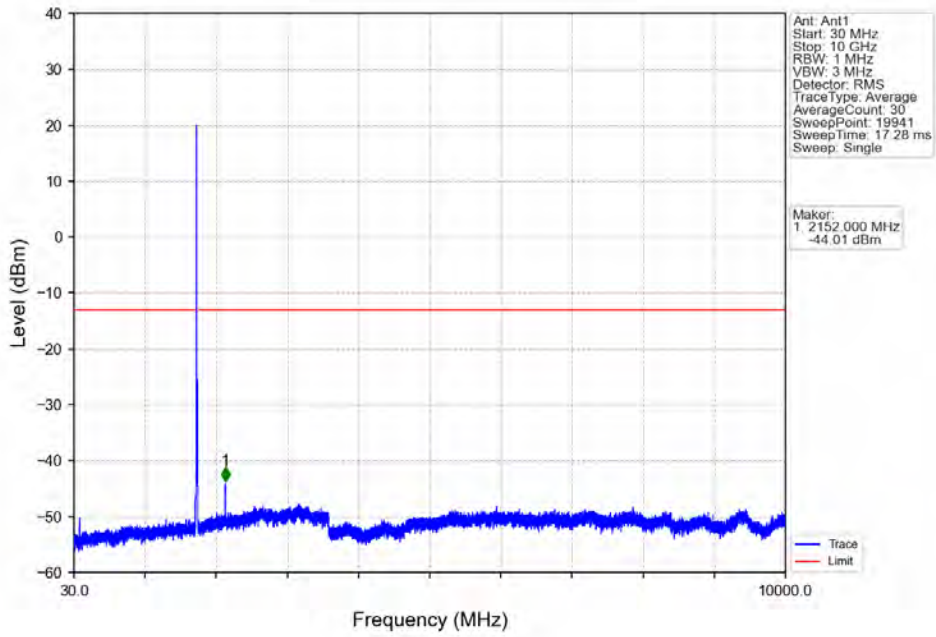
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



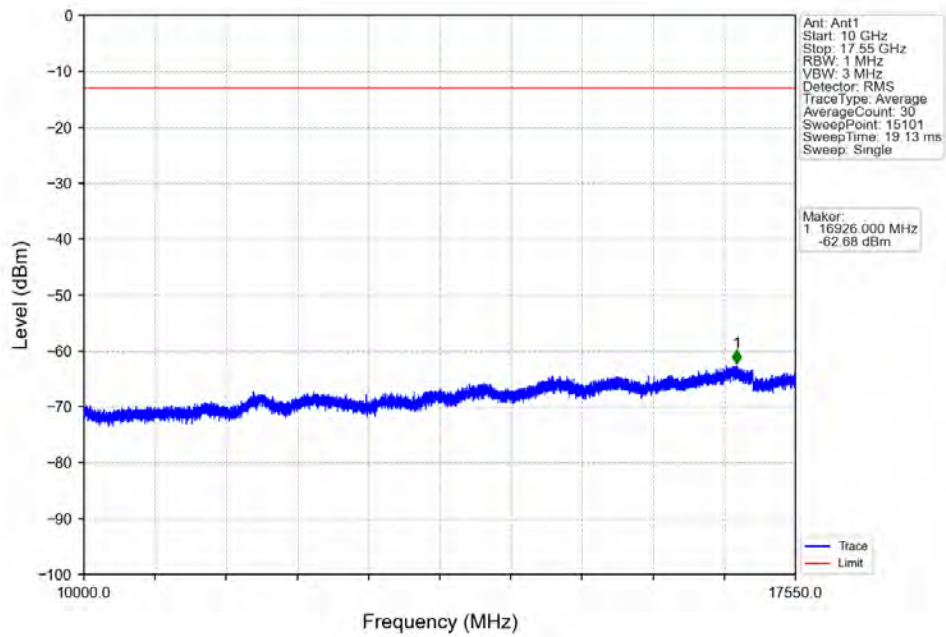
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



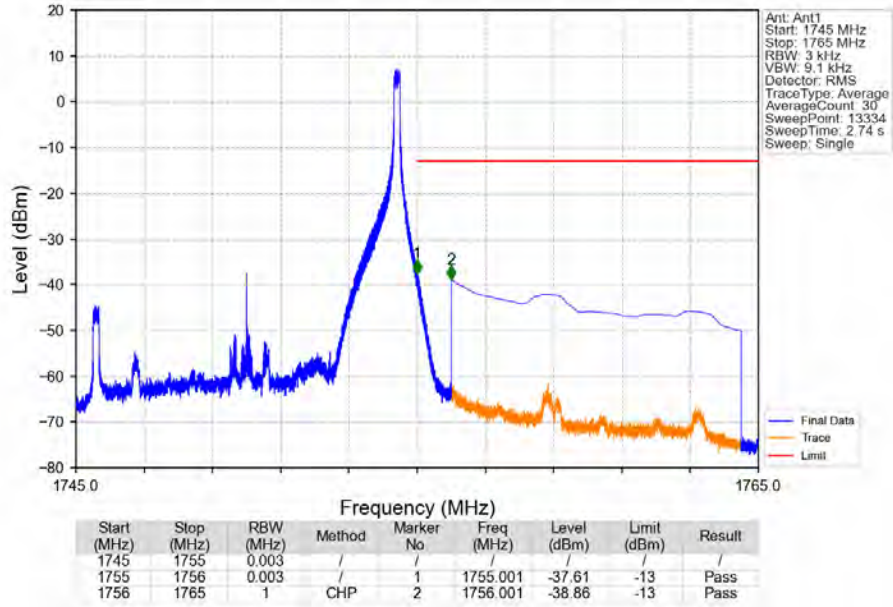
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



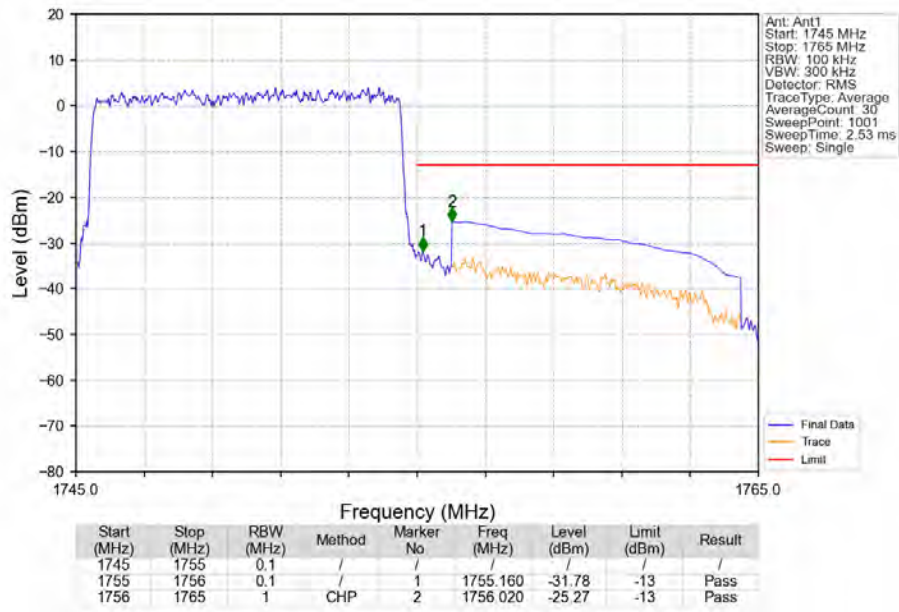
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



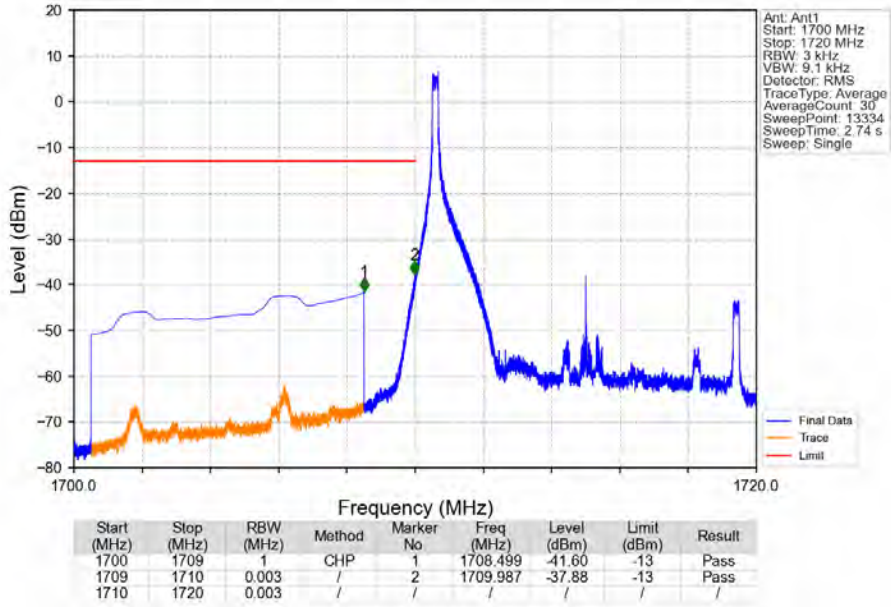
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



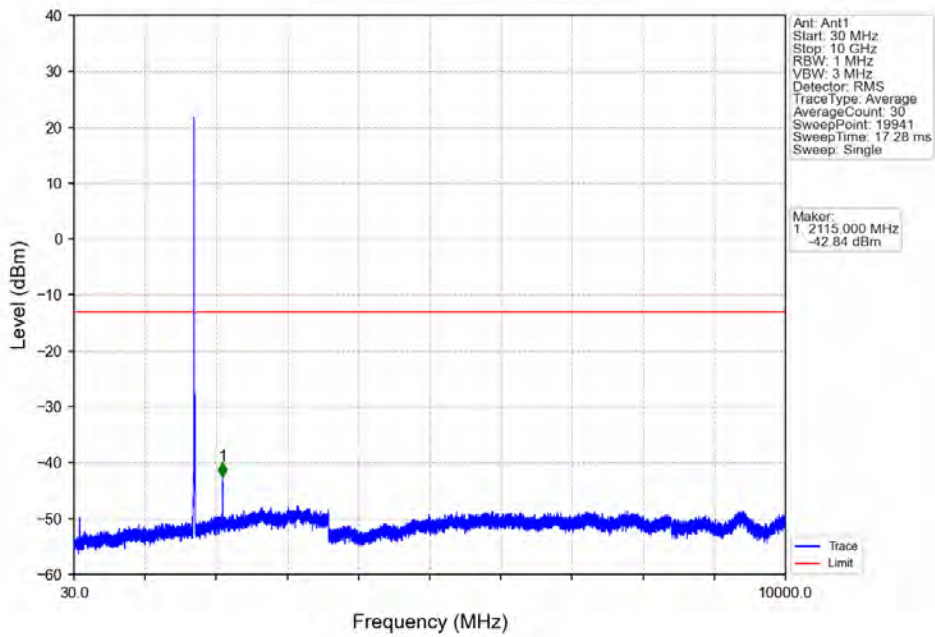
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



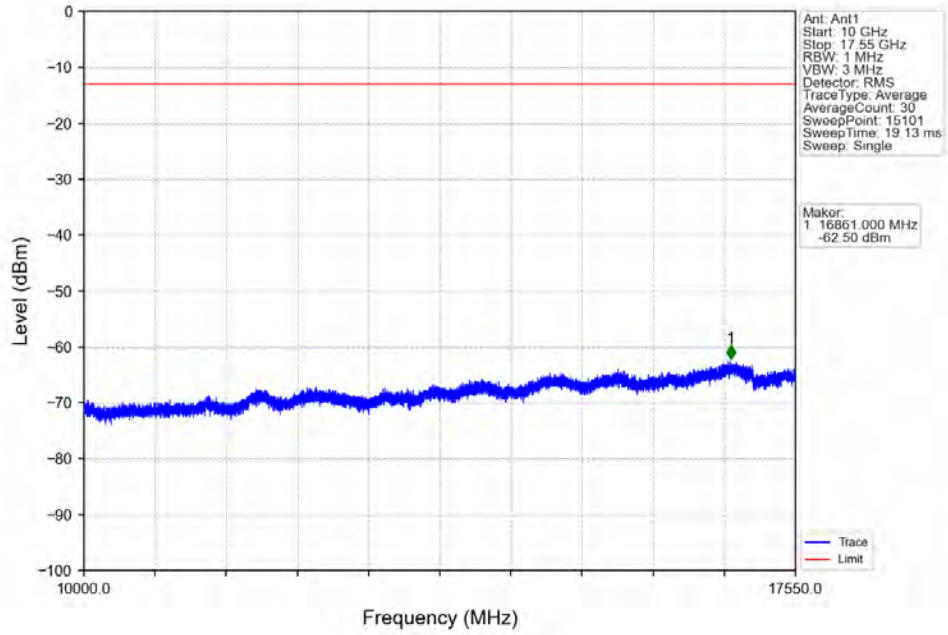
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



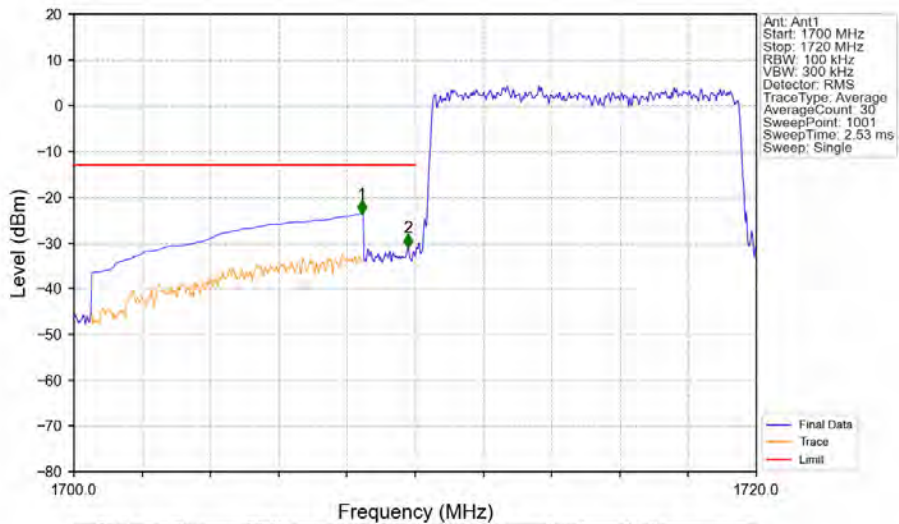
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

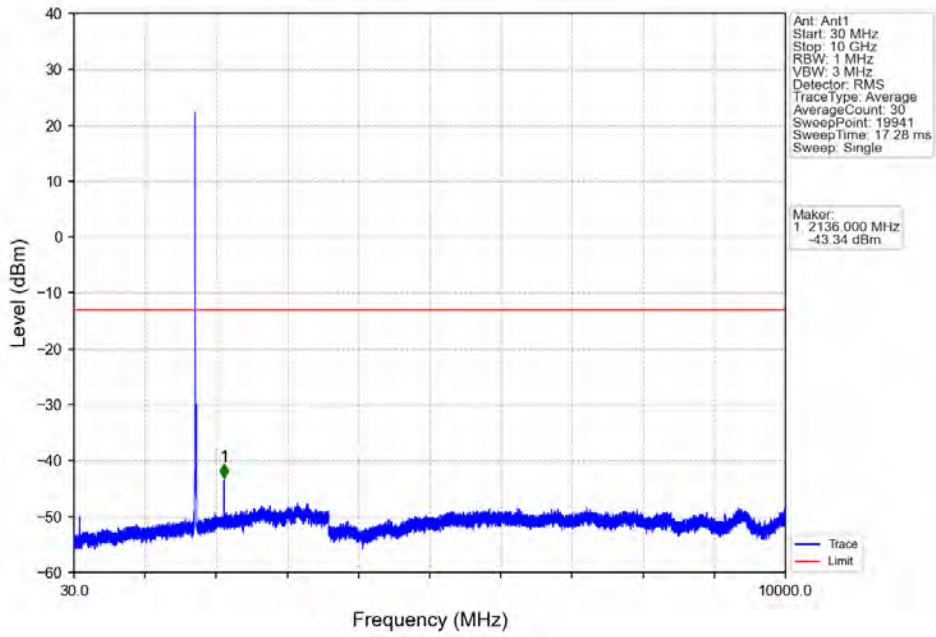


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

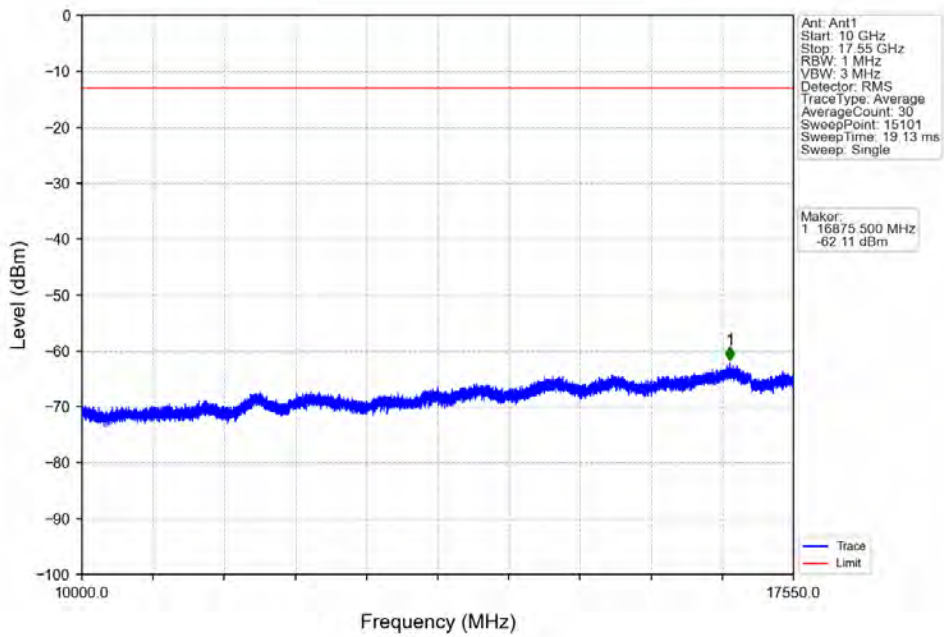


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.440	-23.69	-13	Pass
1709	1710	0.1	/	2	1709.780	-31.08	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

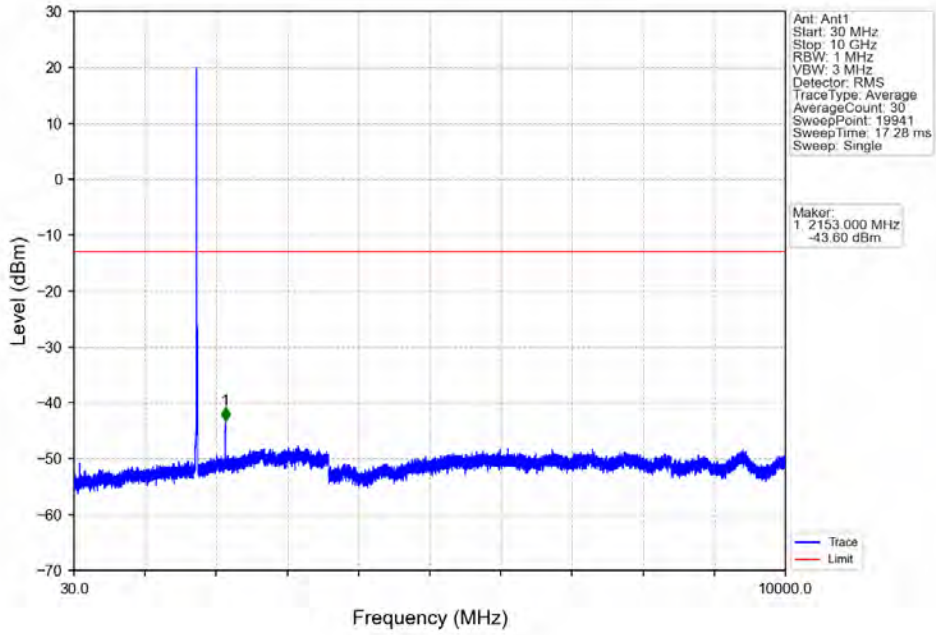
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



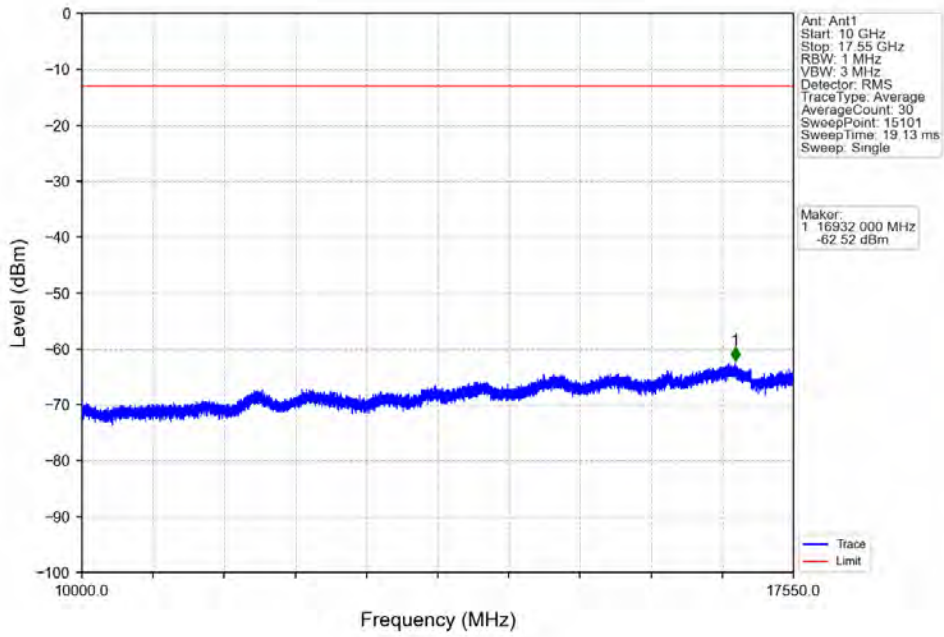
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



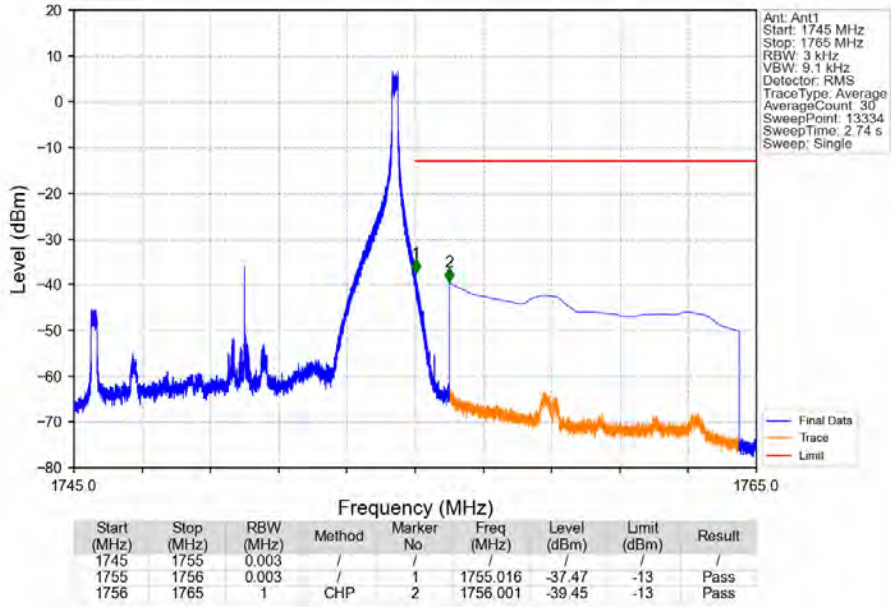
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



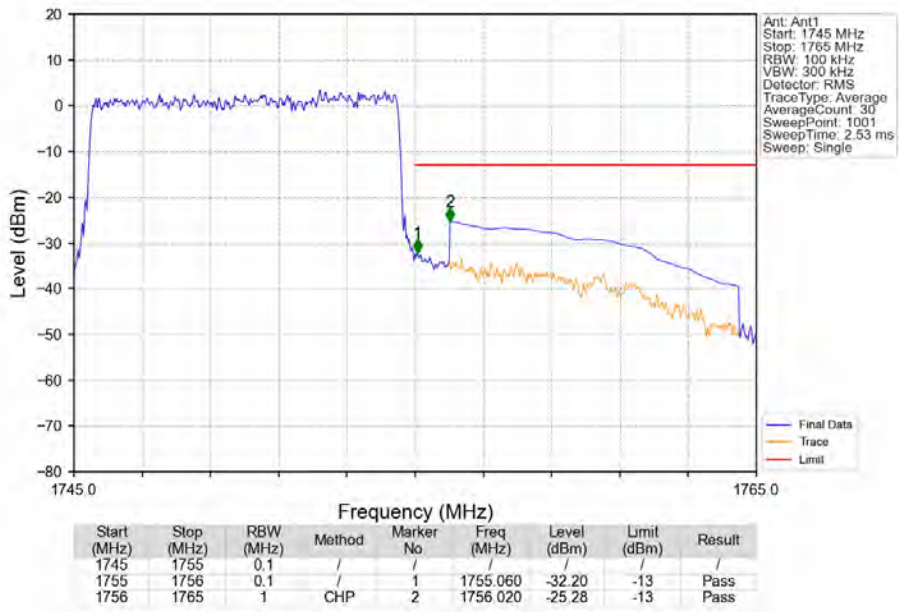
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTV

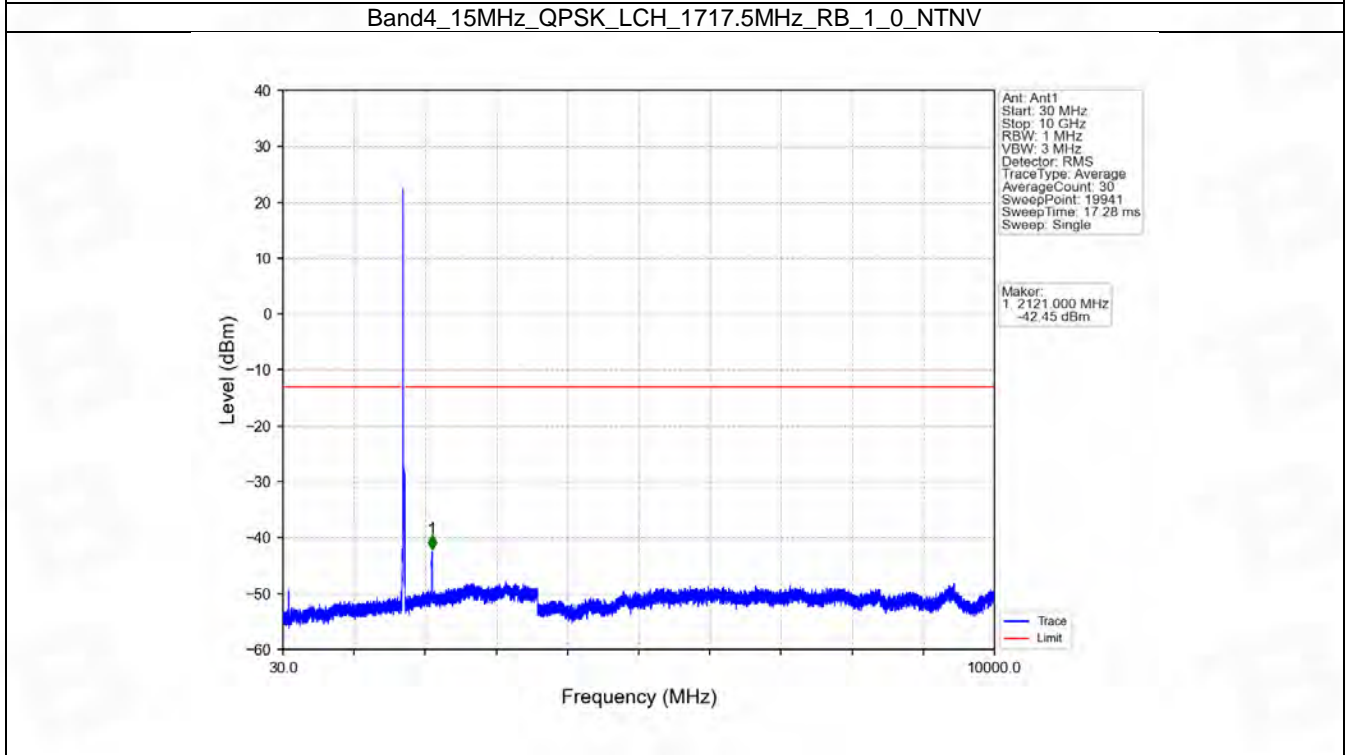
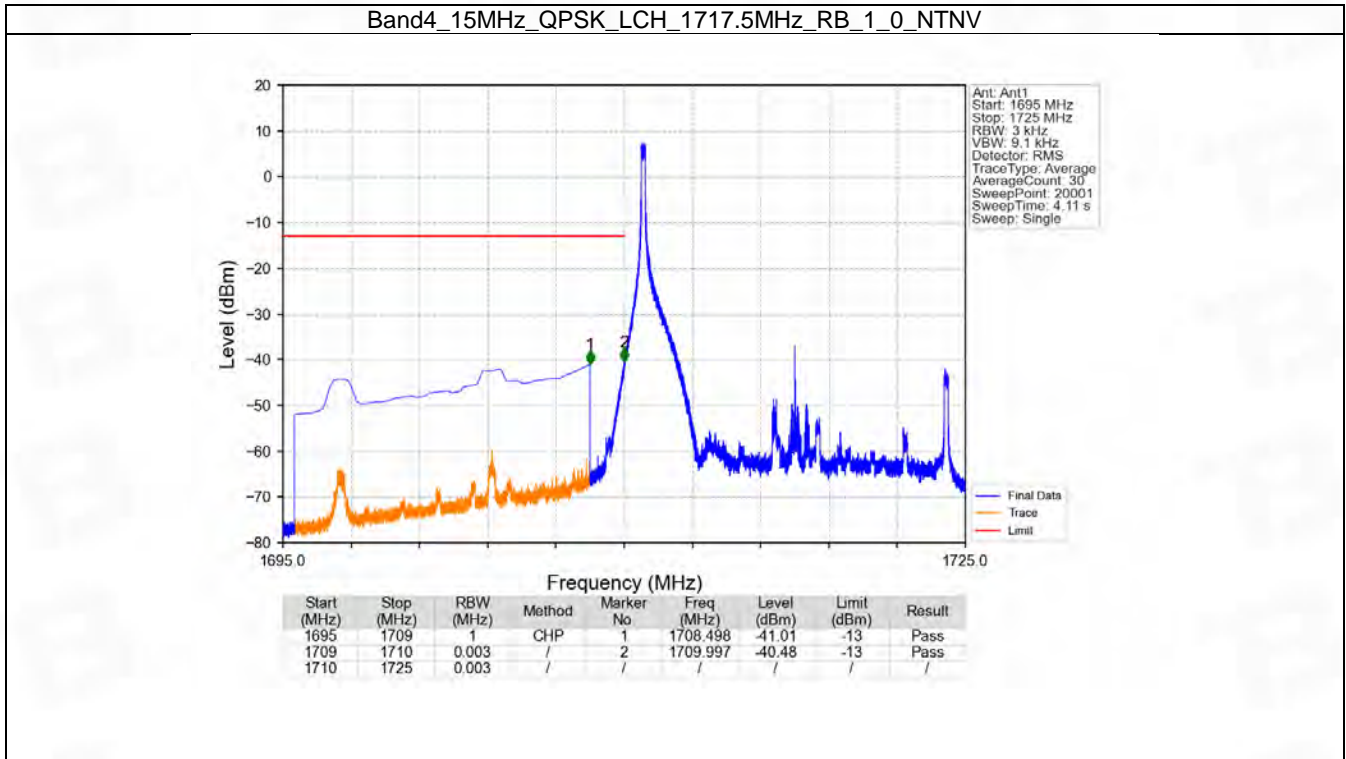


6.5 B4_15MHz

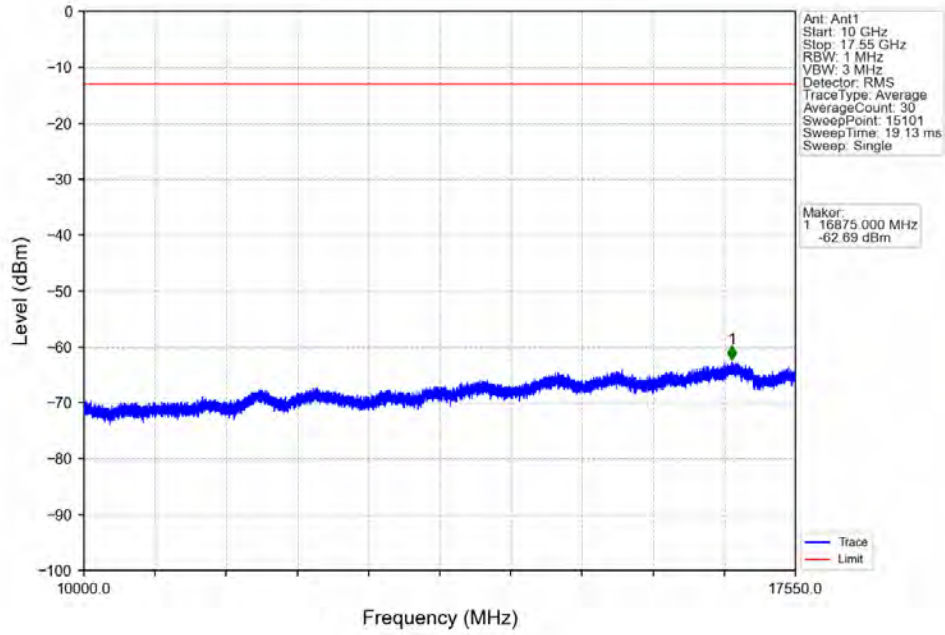
6.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTV						
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
	1747.5	1	0	Refer To Test Graph		Pass
		1	74	Refer To Test Graph		Pass
		75	0	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
	1747.5	1	0	Refer To Test Graph		Pass
		1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

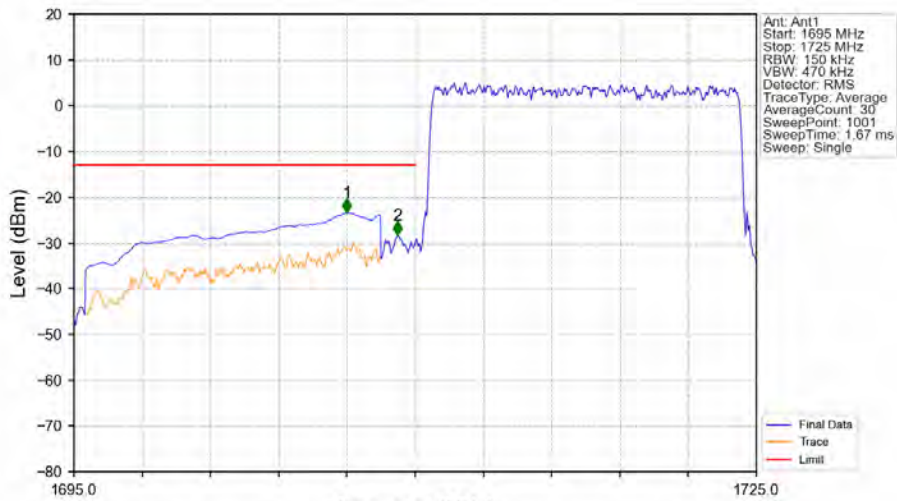
6.5.2 Test Graph



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

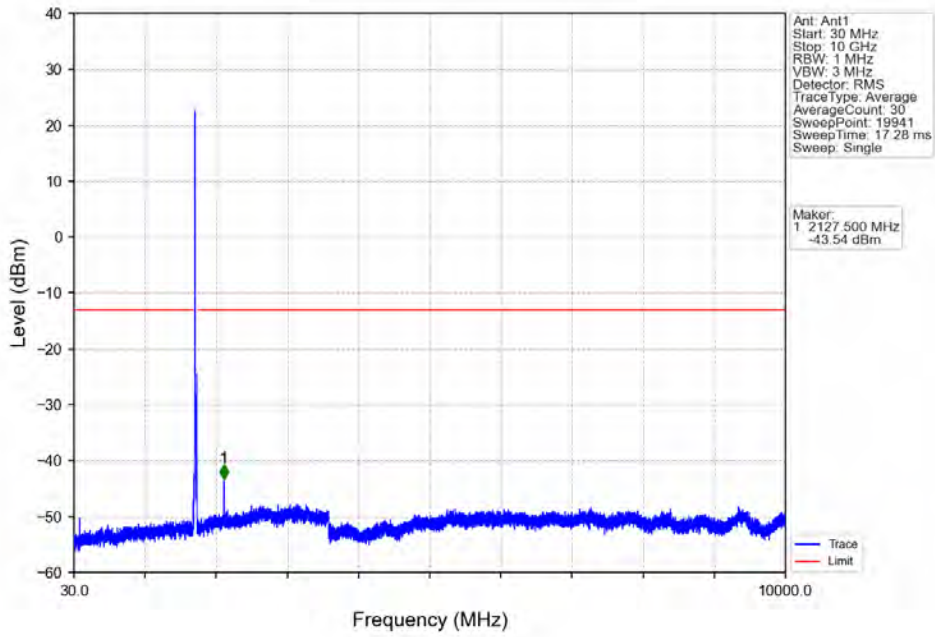


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

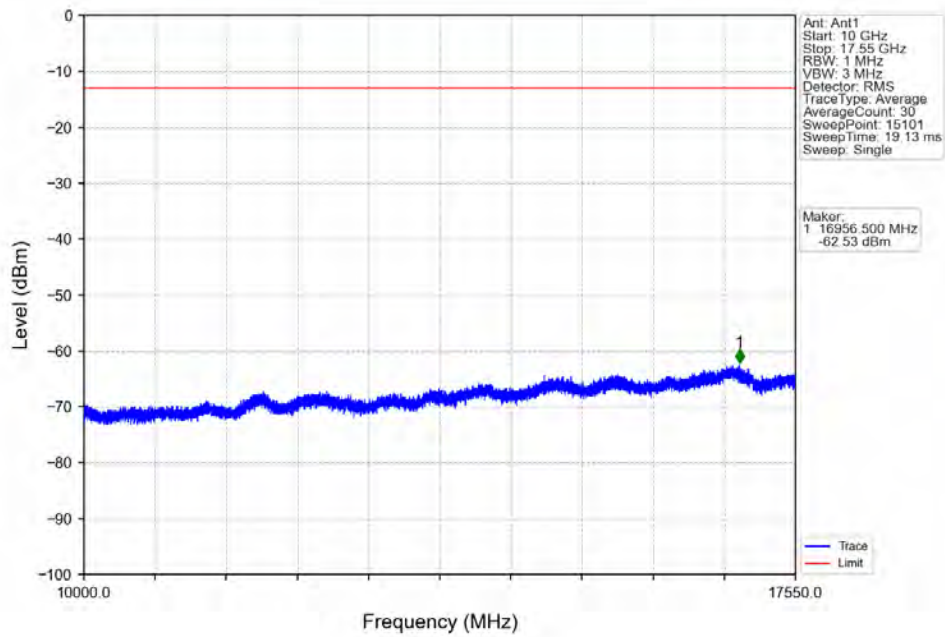


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.000	-23.45	-13	Pass
1709	1710	0.15	/	2	1709.220	-28.35	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

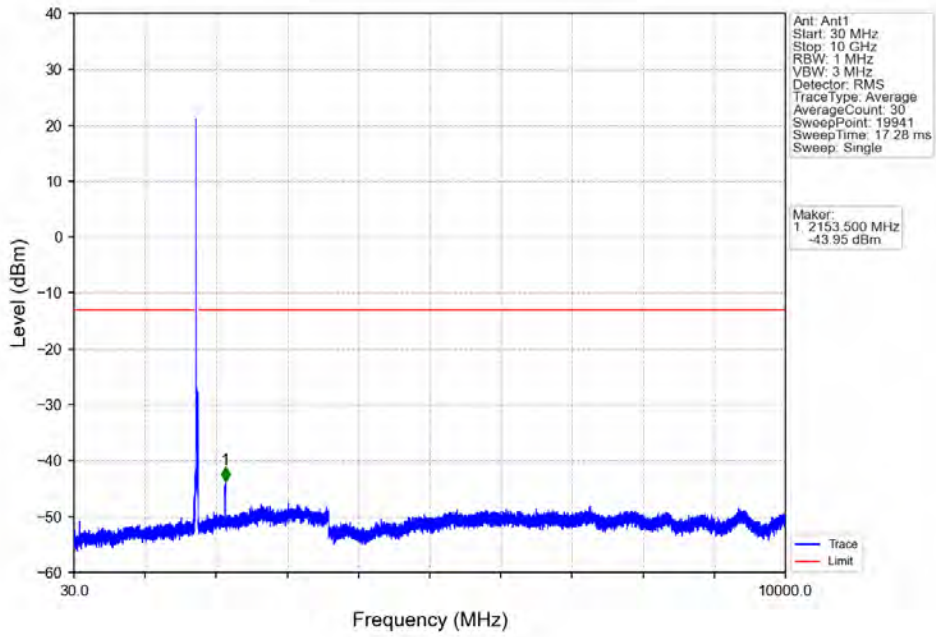
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



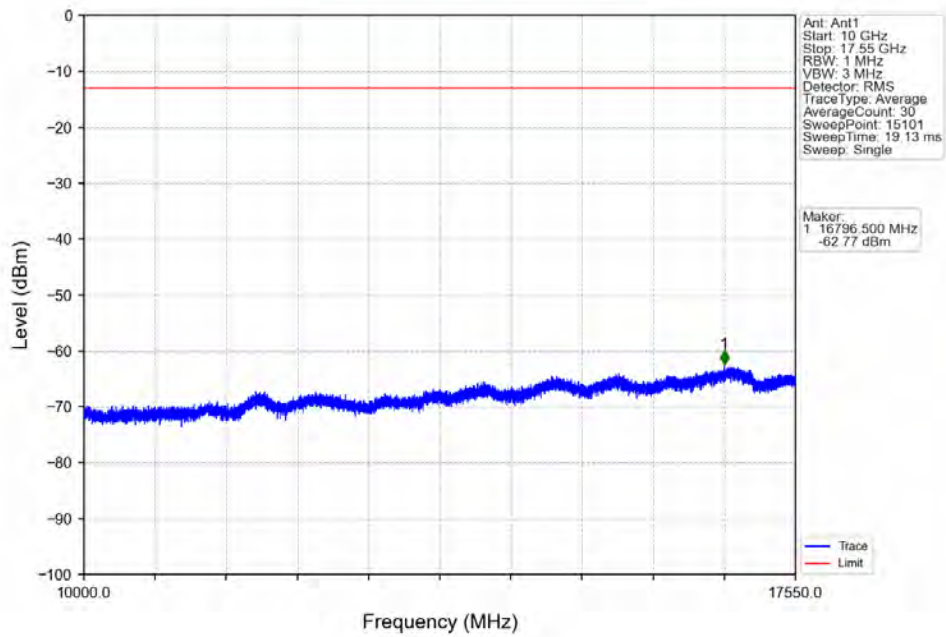
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



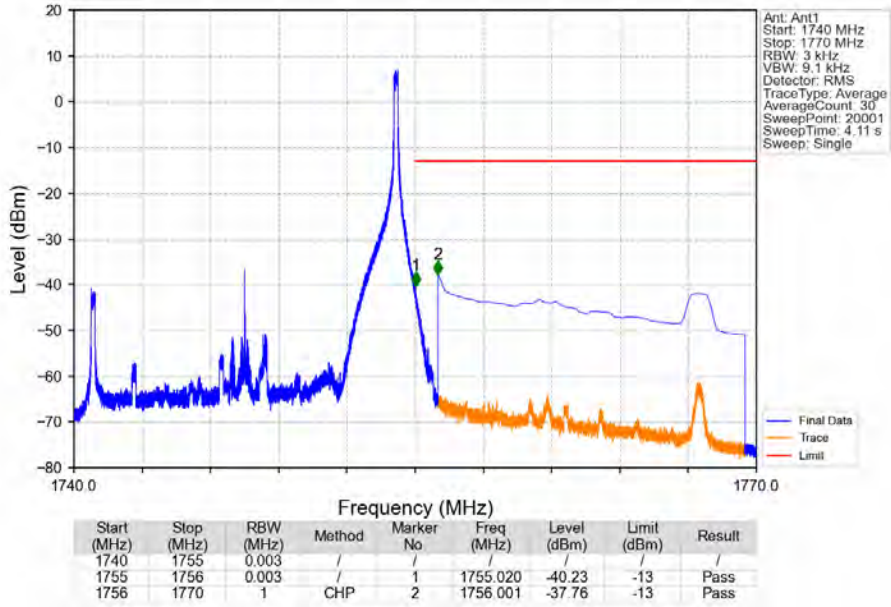
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



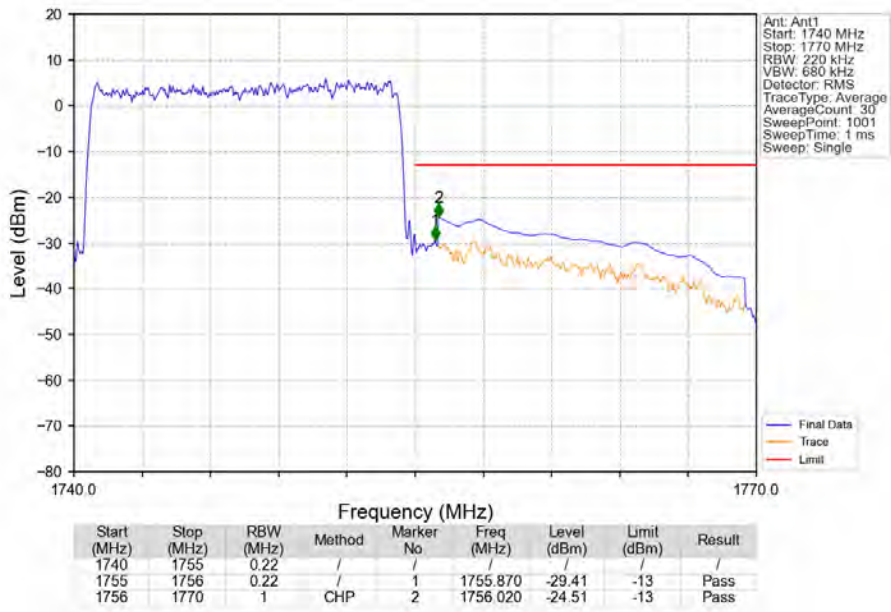
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



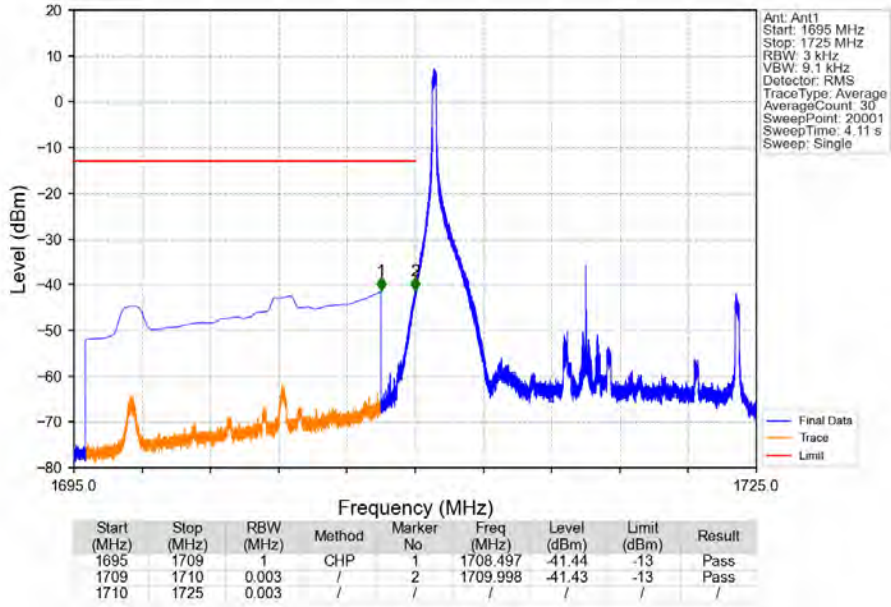
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



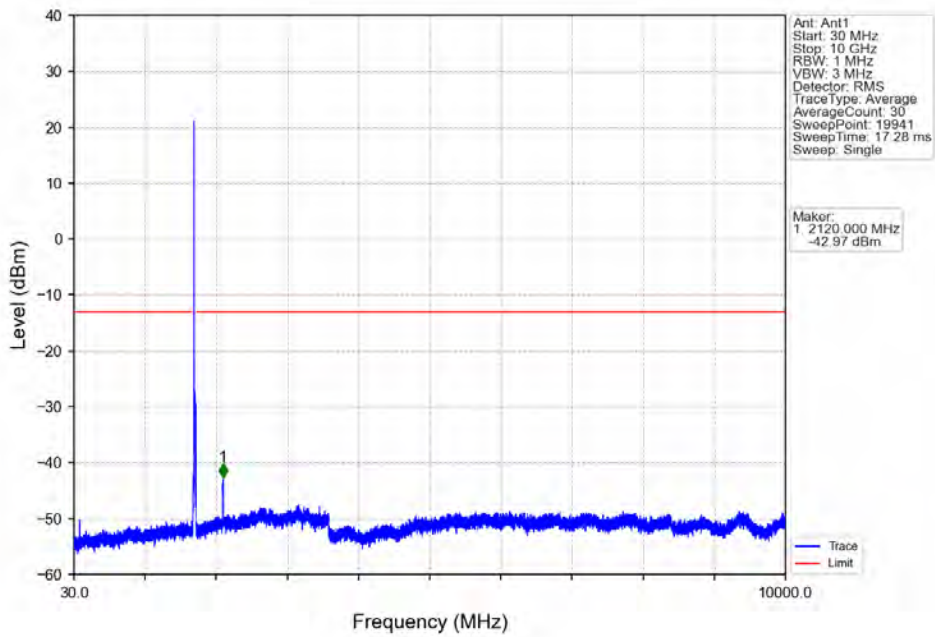
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



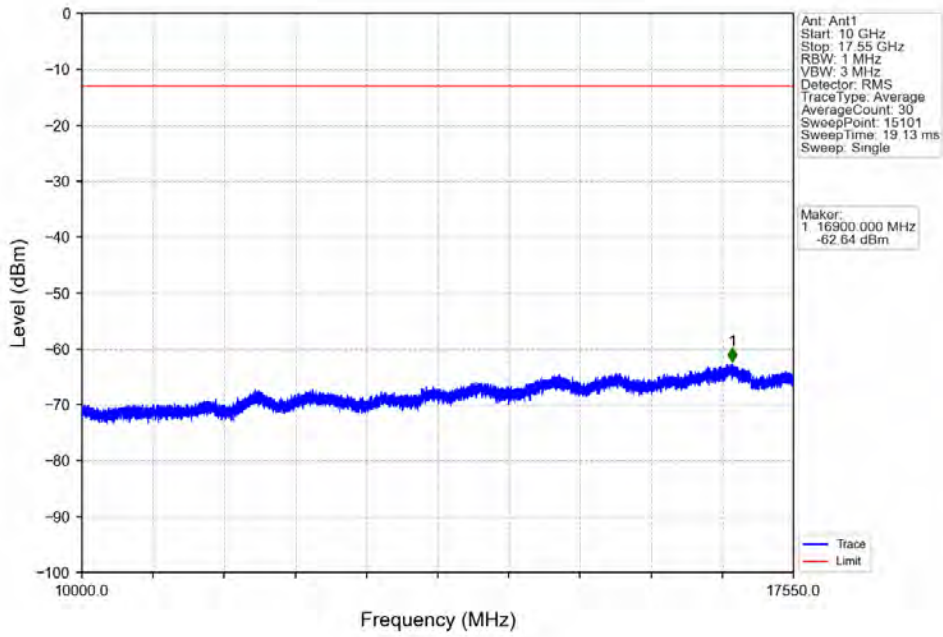
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



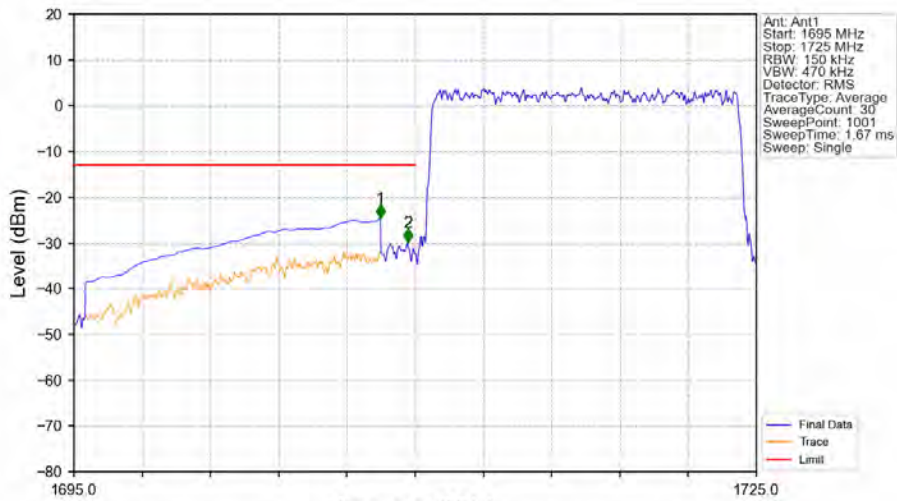
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

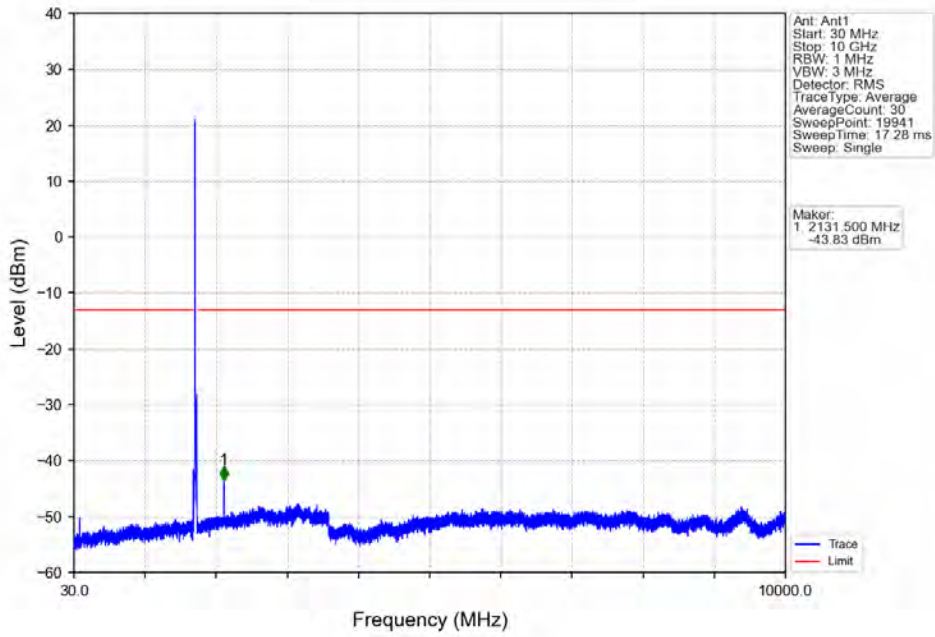


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

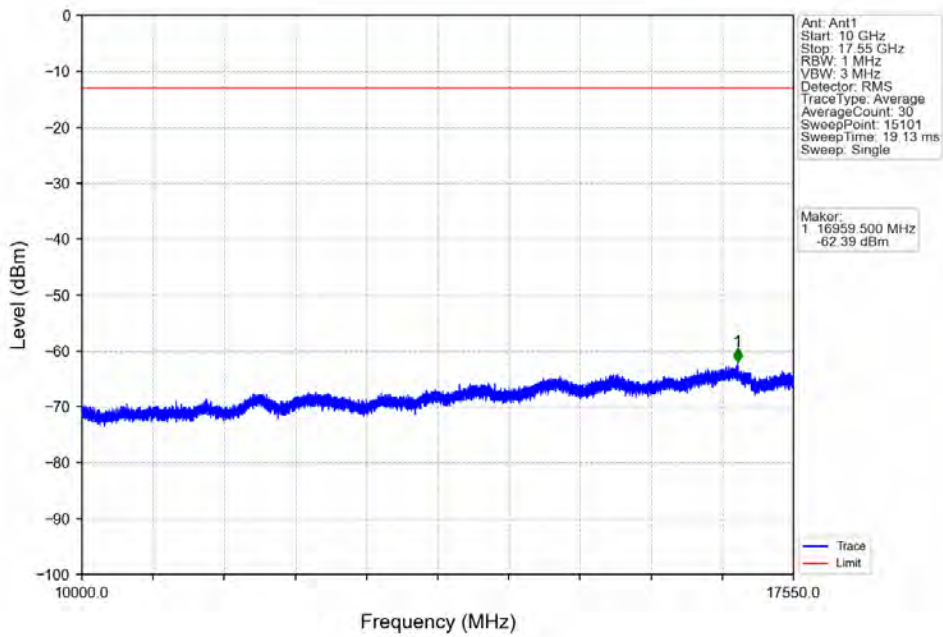


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-24.61	-13	Pass
1709	1710	0.15	/	2	1709.670	-29.88	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

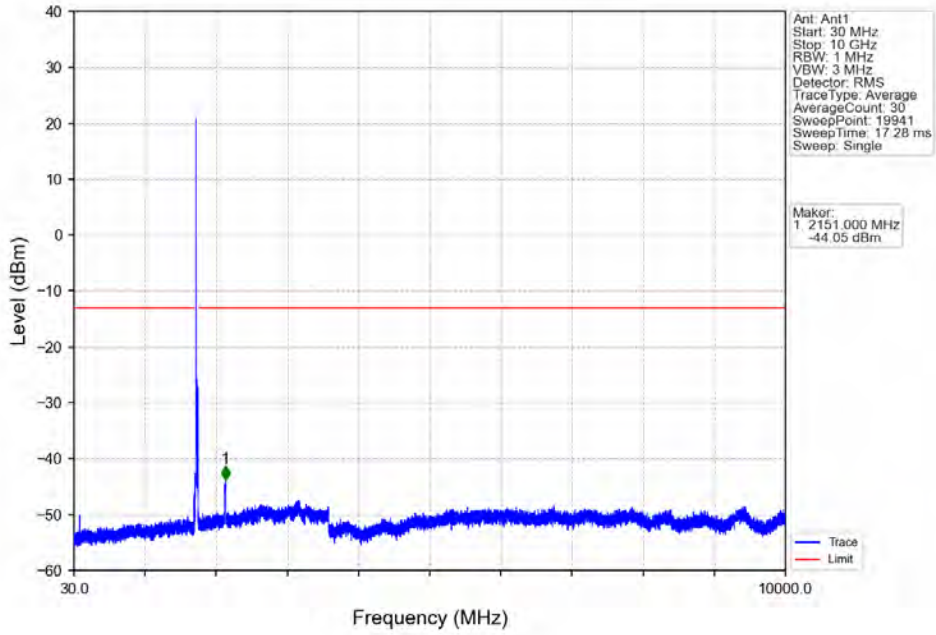
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



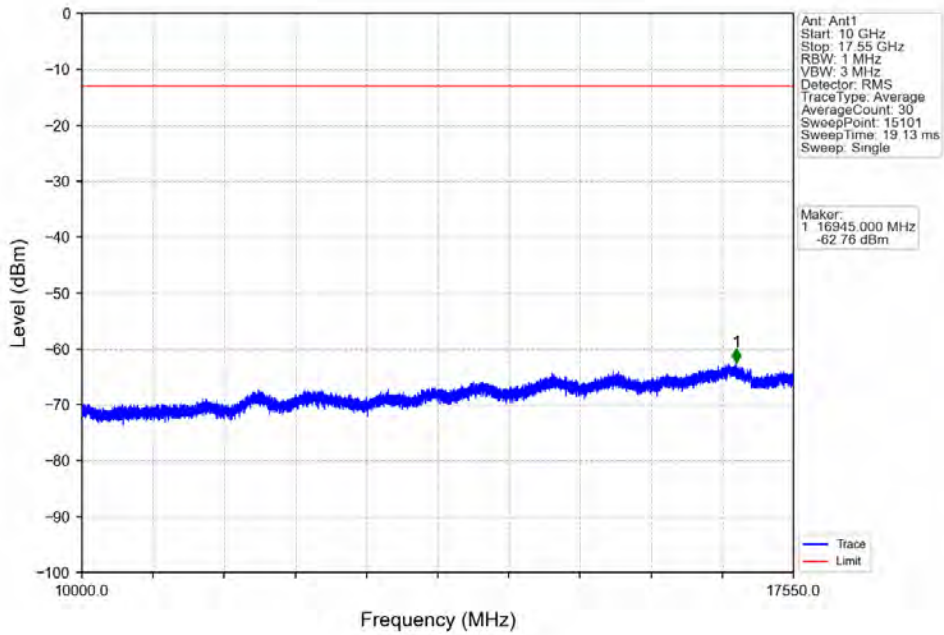
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



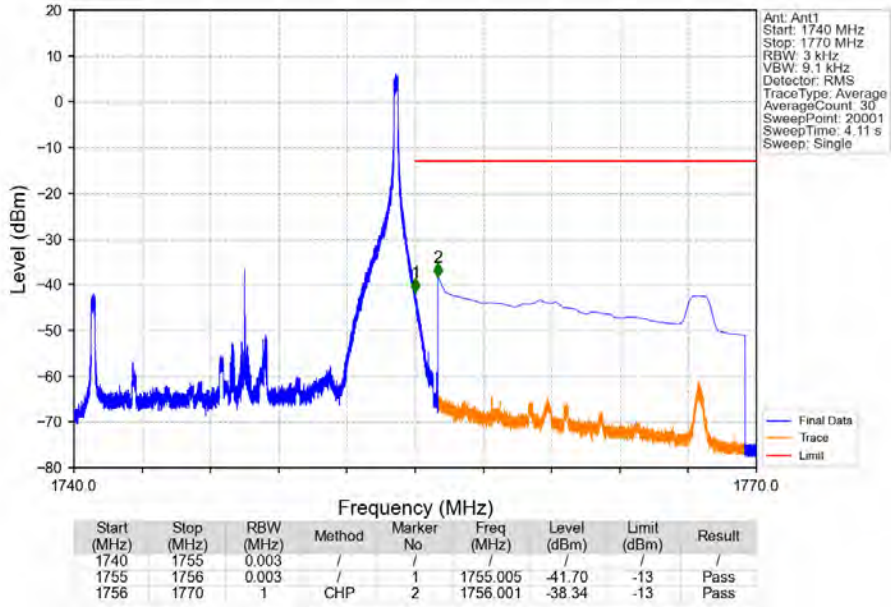
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



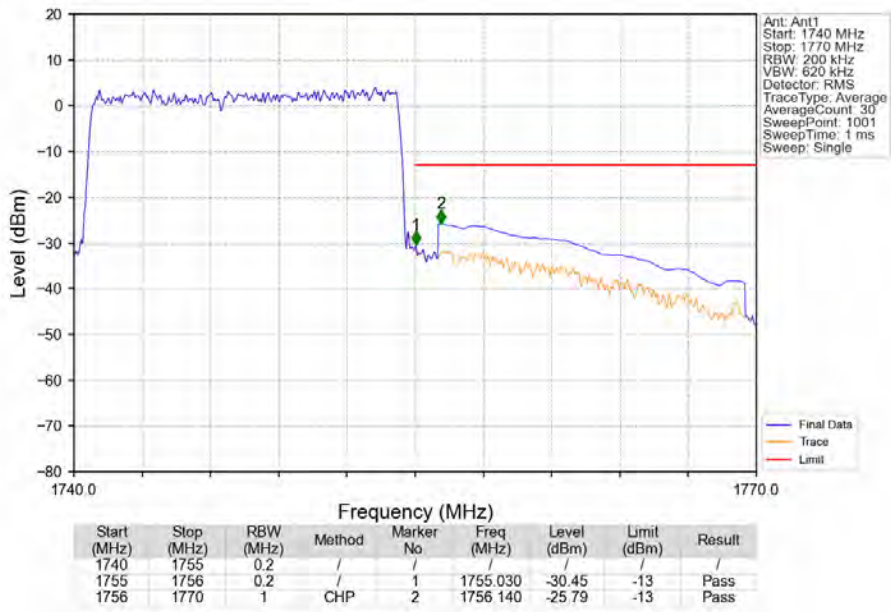
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

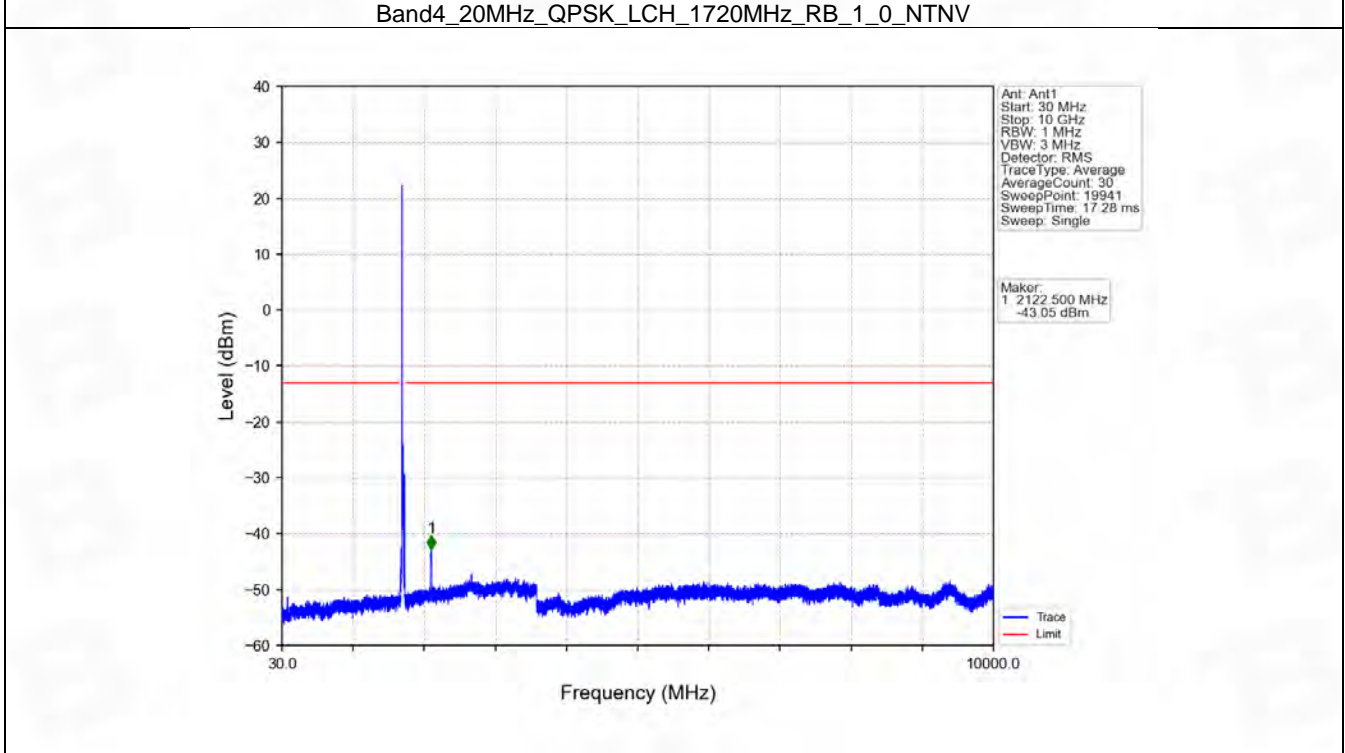
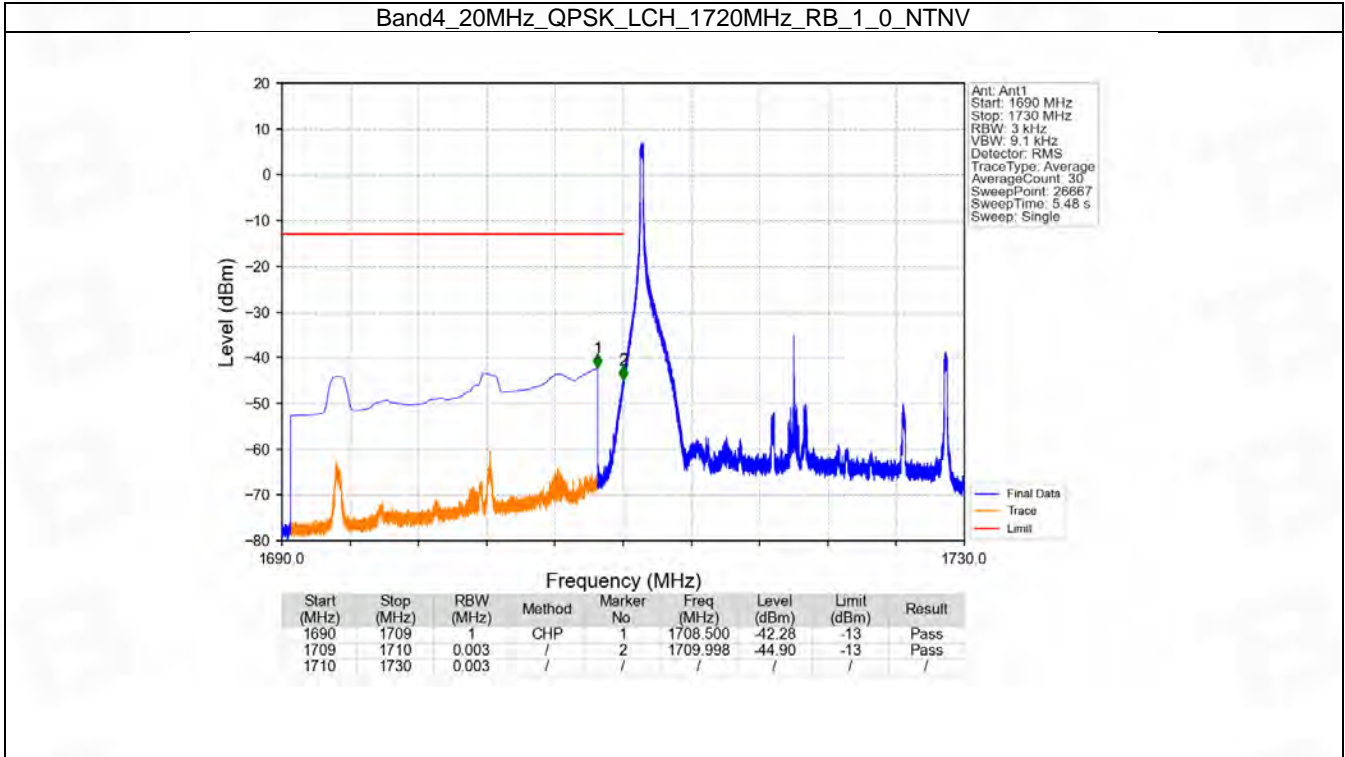


6.6 B4_20MHz

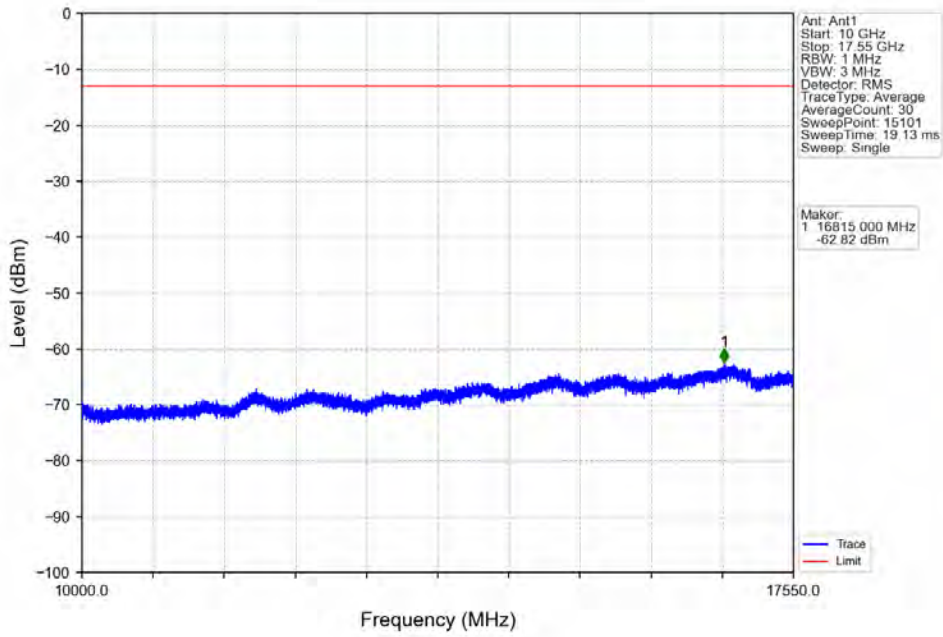
6.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTV							
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	

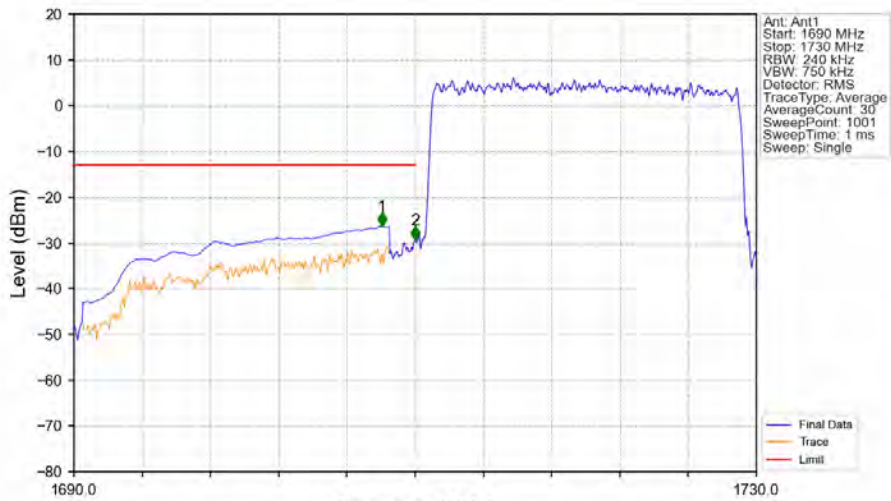
6.6.2 Test Graph



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

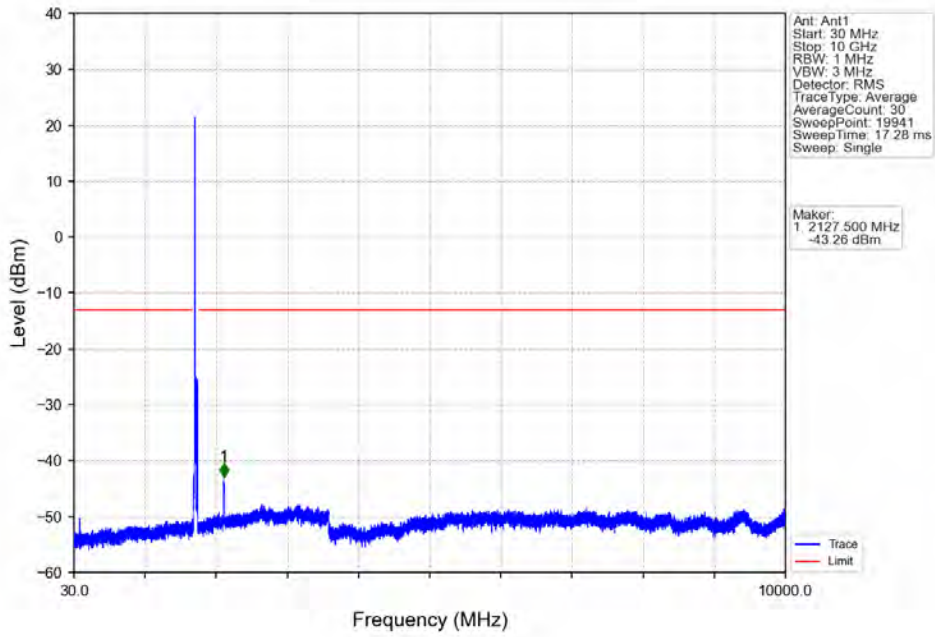


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

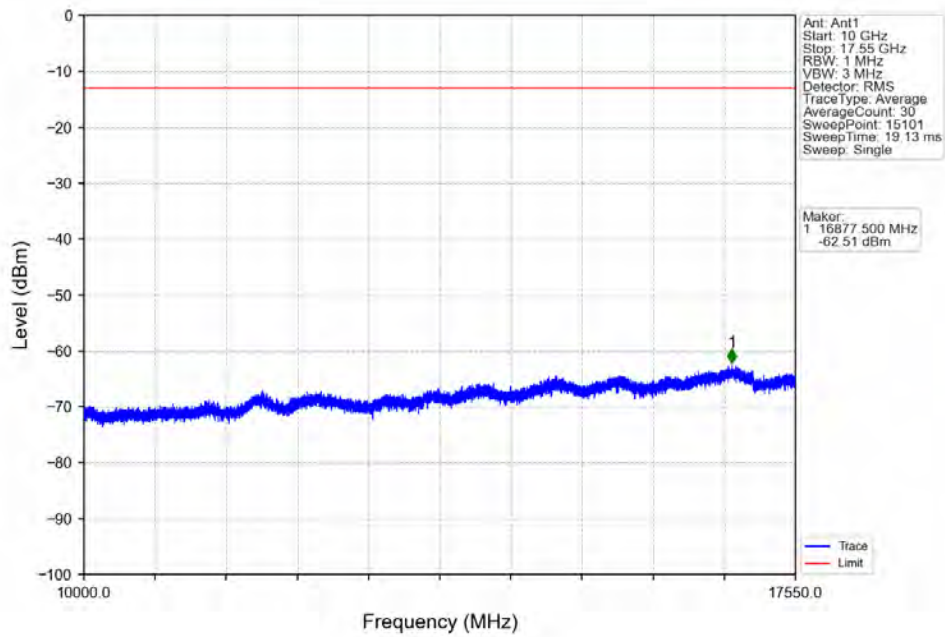


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.040	-26.42	-13	Pass
1709	1710	0.24	/	2	1710.000	-29.40	-13	Pass
1710	1730	0.24	/	/	/	/	/	/

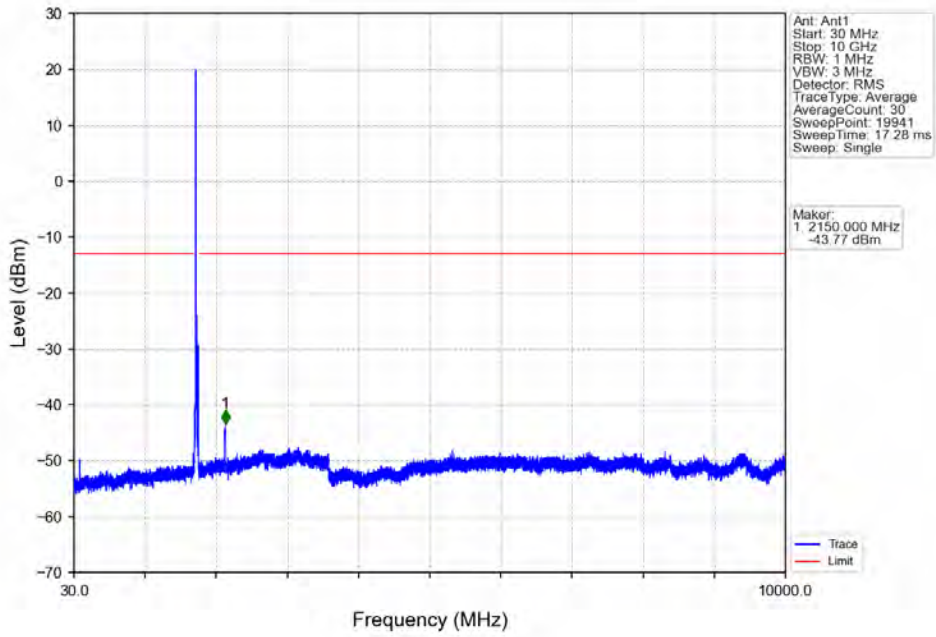
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



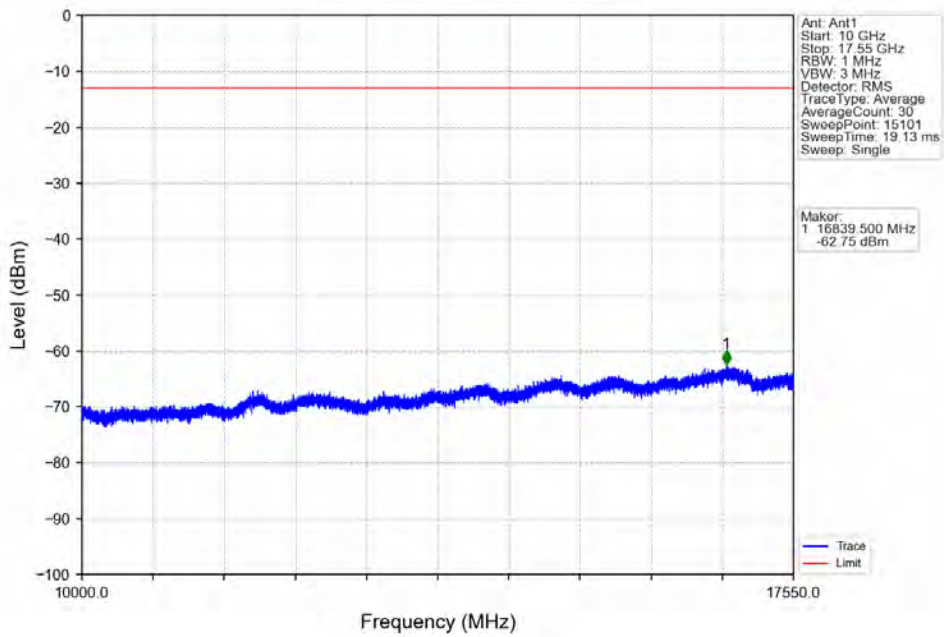
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



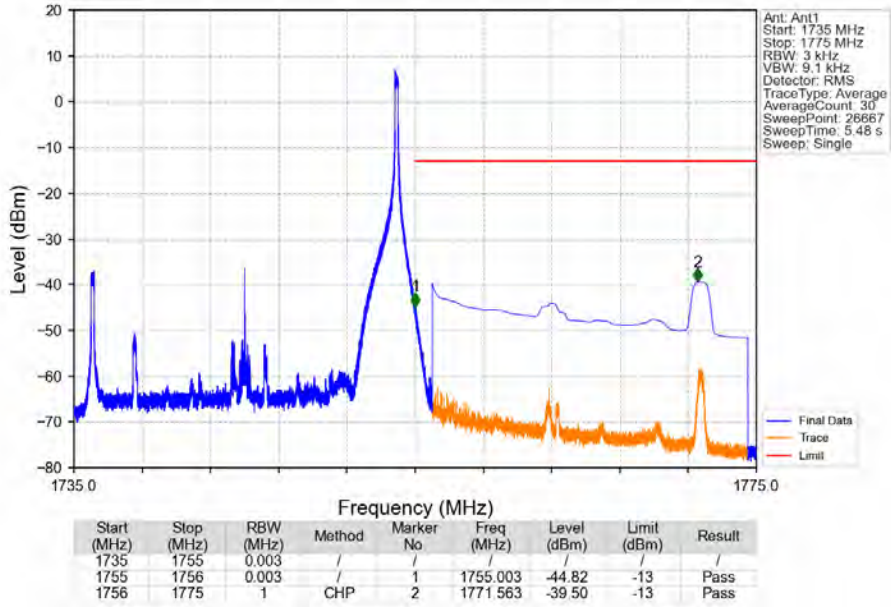
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



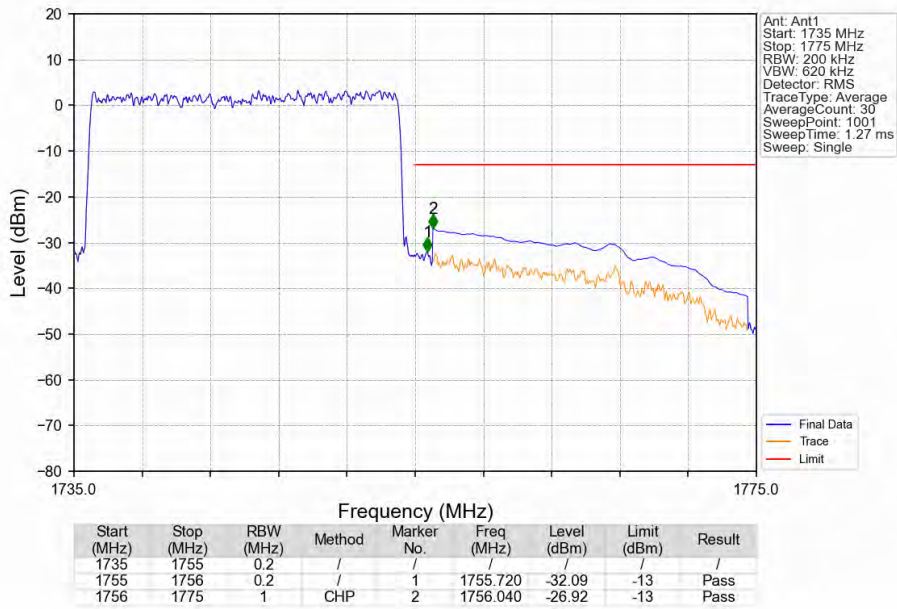
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



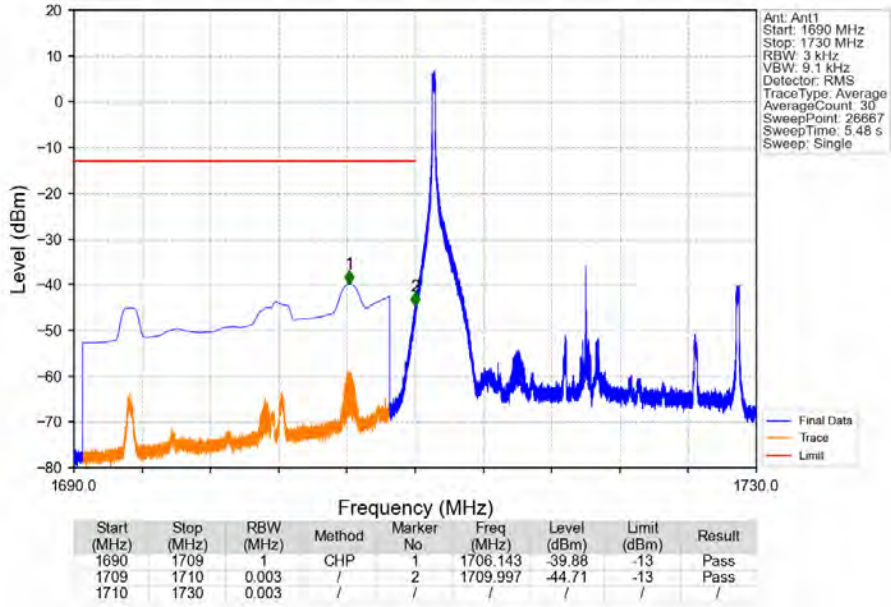
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



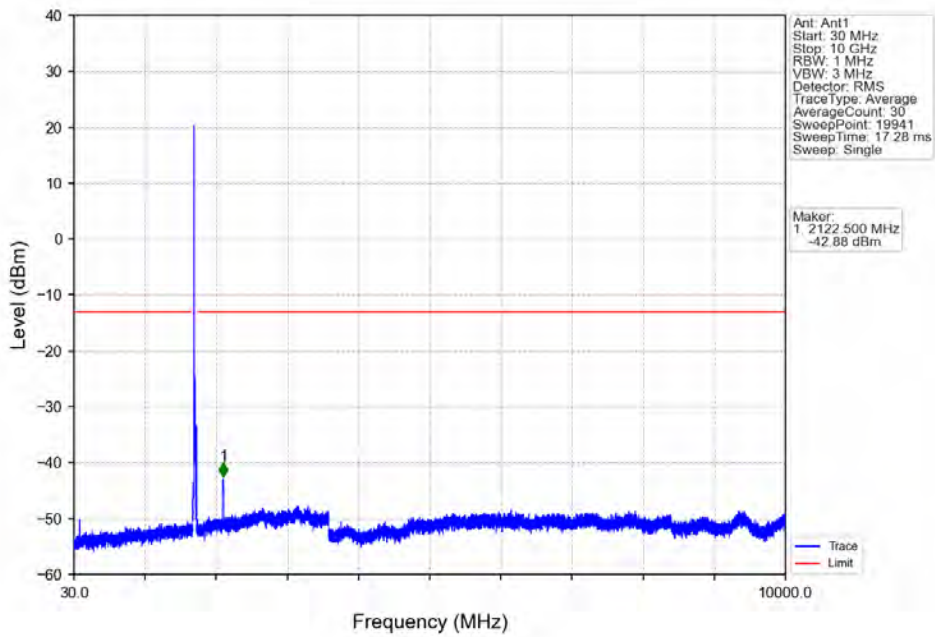
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



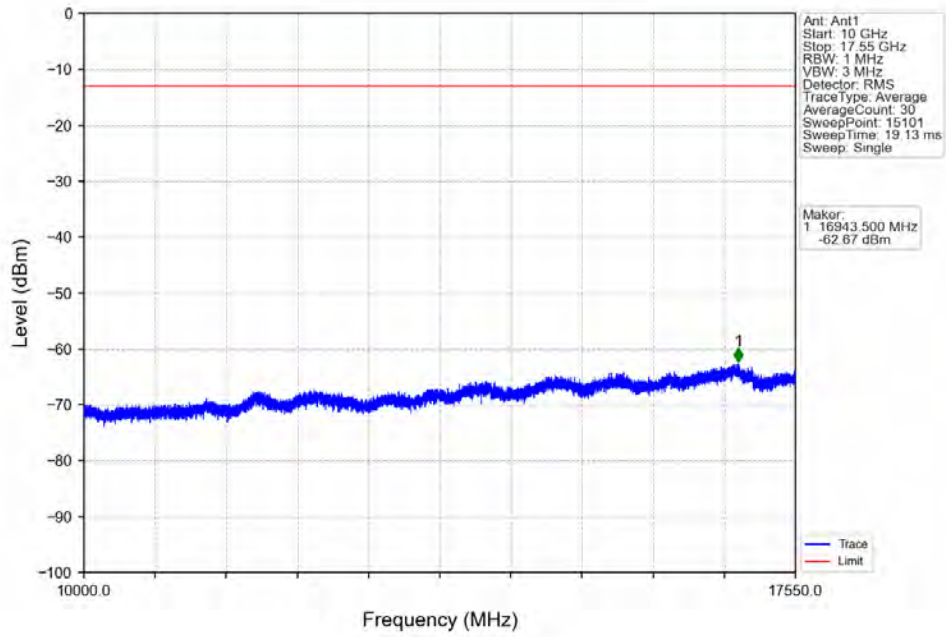
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



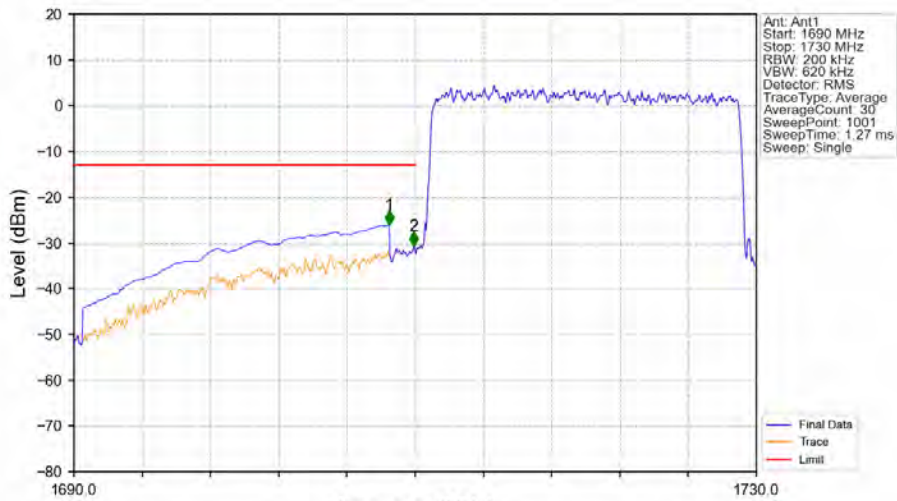
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

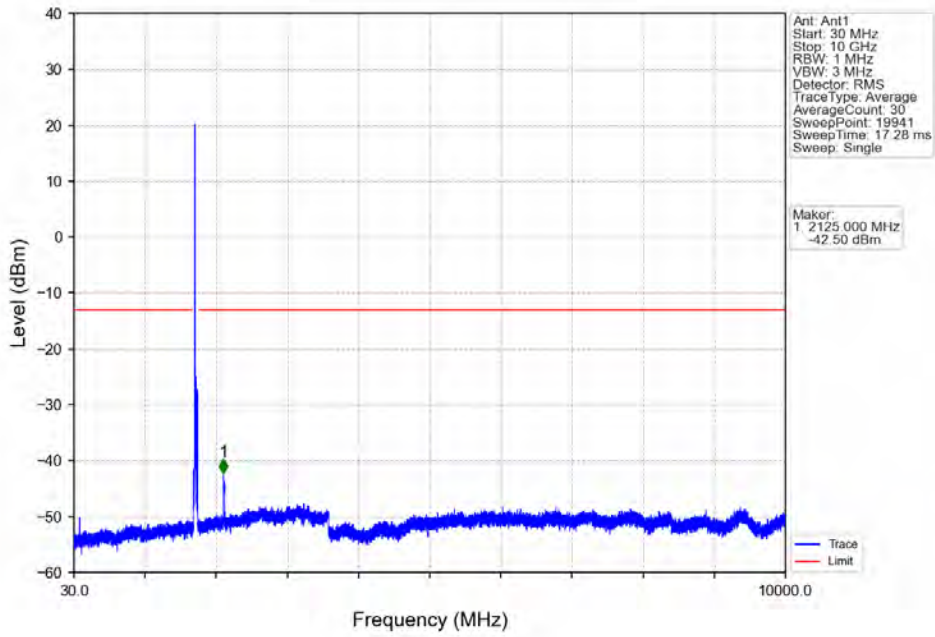


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

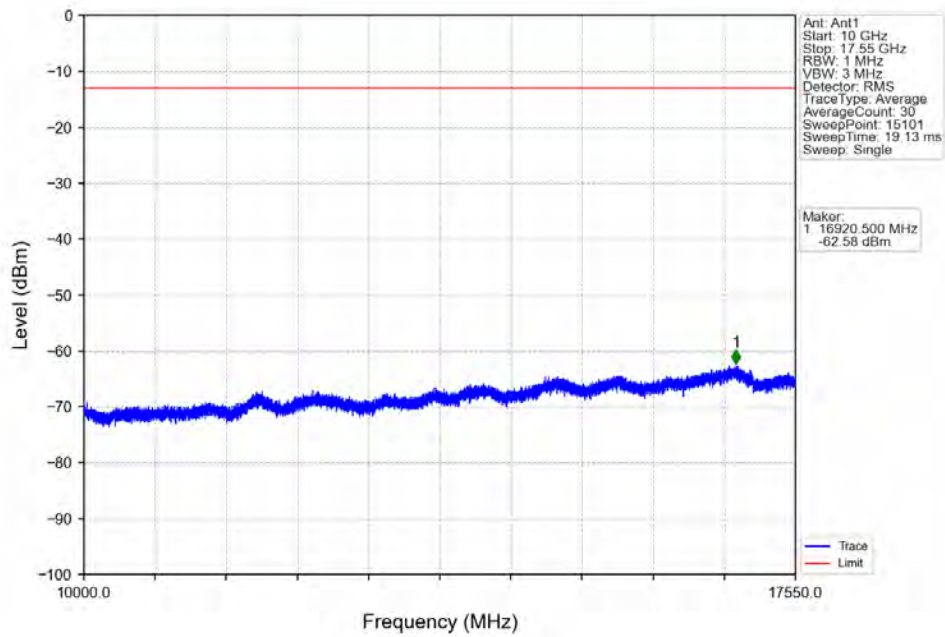


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-26.11	-13	Pass
1709	1710	0.2	/	2	1709.920	-30.69	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

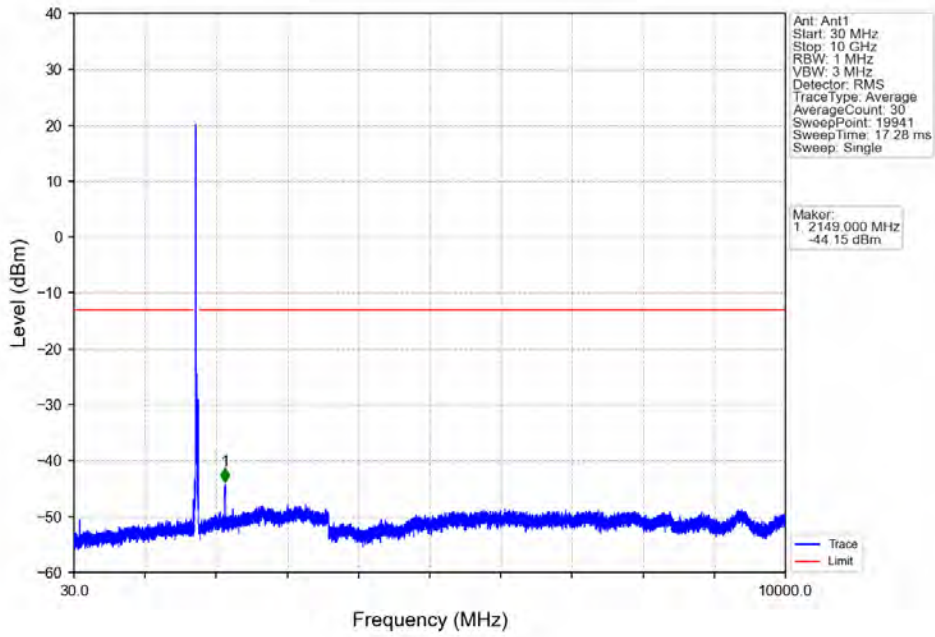
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



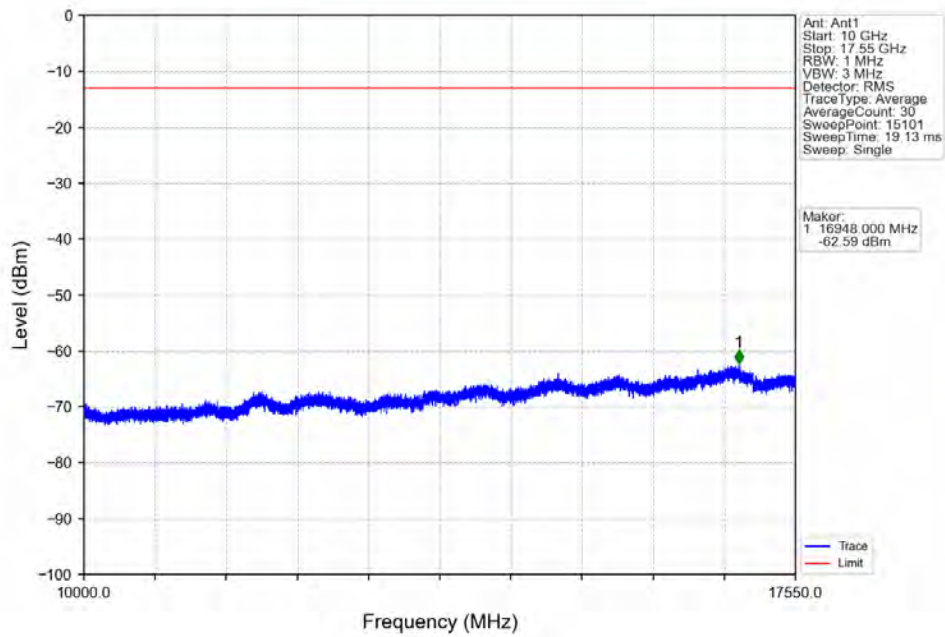
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



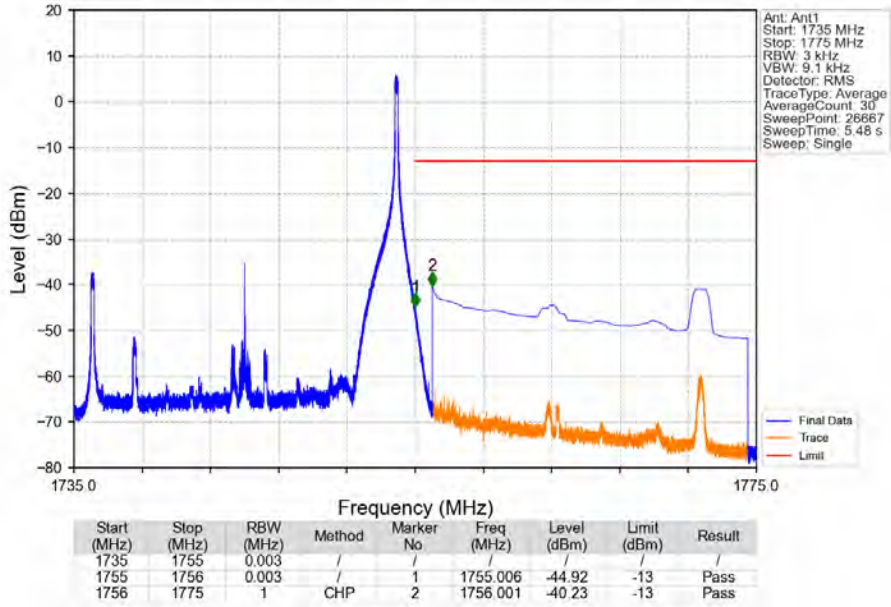
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



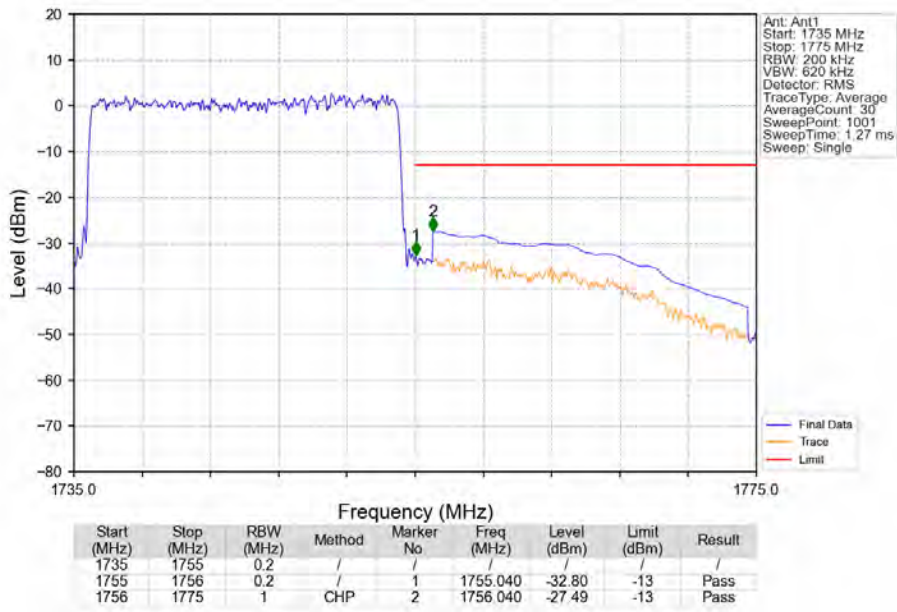
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTV



7. Form731

7.1 Form731_Power

7.1.1 Test Result

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	0.2037	0.0097	ppm	1M12G7D	24E	23.09
4	1.4	1710.7	1754.3	0.1663	0.0079	ppm	1M11W7D	24E	22.21
4	3	1711.5	1753.5	0.2032	0.0080	ppm	2M73G7D	24E	23.08
4	3	1711.5	1753.5	0.1600	0.0092	ppm	2M72W7D	24E	22.04
4	5	1712.5	1752.5	0.1972	0.0076	ppm	4M55G7D	24E	22.95
4	5	1712.5	1752.5	0.1486	0.0078	ppm	4M55W7D	24E	21.72
4	10	1715	1750	0.1959	0.0100	ppm	9M07G7D	24E	22.92
4	10	1715	1750	0.1603	0.0084	ppm	9M06W7D	24E	22.05
4	15	1717.5	1747.5	0.1862	0.0056	ppm	13M7G7D	24E	22.70
4	15	1717.5	1747.5	0.1570	0.0069	ppm	13M7W7D	24E	21.96
4	20	1720	1745	0.1807	0.0057	ppm	18M2G7D	24E	22.57
4	20	1720	1745	0.1592	0.0044	ppm	18M2W7D	24E	22.02

7.2 Form731_EIRP

7.2.1 Test Result

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	0.1361	0.0097	ppm	1M12G7D	24E	21.34
4	1.4	1710.7	1754.3	0.1112	0.0079	ppm	1M11W7D	24E	20.46
4	3	1711.5	1753.5	0.1358	0.0080	ppm	2M73G7D	24E	21.33
4	3	1711.5	1753.5	0.1069	0.0092	ppm	2M72W7D	24E	20.29
4	5	1712.5	1752.5	0.1318	0.0076	ppm	4M55G7D	24E	21.20
4	5	1712.5	1752.5	0.0993	0.0078	ppm	4M55W7D	24E	19.97
4	10	1715	1750	0.1309	0.0100	ppm	9M07G7D	24E	21.17
4	10	1715	1750	0.1072	0.0084	ppm	9M06W7D	24E	20.30
4	15	1717.5	1747.5	0.1245	0.0056	ppm	13M7G7D	24E	20.95
4	15	1717.5	1747.5	0.1050	0.0069	ppm	13M7W7D	24E	20.21
4	20	1720	1745	0.1208	0.0057	ppm	18M2G7D	24E	20.82
4	20	1720	1745	0.1064	0.0044	ppm	18M2W7D	24E	20.27