

1. Effective (Isotropic) Radiated Power Output Data

1.1 B4_1.4MHz_EIRP

1.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1710.7	1	0	24.18	3.09	27.27	<=30	Pass		
			2	24.31	3.09	27.40	<=30	Pass		
			5	24.30	3.09	27.39	<=30	Pass		
		3	0	24.26	3.09	27.35	<=30	Pass		
			2	24.24	3.09	27.33	<=30	Pass		
			3	24.09	3.09	27.18	<=30	Pass		
		6	0	23.01	3.09	26.10	<=30	Pass		
		1732.5	1	0	23.82	3.09	26.91	<=30	Pass	
				2	23.87	3.09	26.96	<=30	Pass	
	5			23.64	3.09	26.73	<=30	Pass		
	3		0	24.01	3.09	27.10	<=30	Pass		
			2	23.96	3.09	27.05	<=30	Pass		
			3	23.83	3.09	26.92	<=30	Pass		
	6		0	22.82	3.09	25.91	<=30	Pass		
	1754.3		1	0	23.96	3.09	27.05	<=30	Pass	
				2	23.88	3.09	26.97	<=30	Pass	
		5		23.93	3.09	27.02	<=30	Pass		
		3	0	23.78	3.09	26.87	<=30	Pass		
			2	23.94	3.09	27.03	<=30	Pass		
			3	23.77	3.09	26.86	<=30	Pass		
		6	0	22.74	3.09	25.83	<=30	Pass		
		16QAM	1710.7	1	0	23.15	3.09	26.24	<=30	Pass
					2	23.36	3.09	26.45	<=30	Pass
	5				23.13	3.09	26.22	<=30	Pass	
3	0			23.12	3.09	26.21	<=30	Pass		
	2			23.23	3.09	26.32	<=30	Pass		
	3			23.19	3.09	26.28	<=30	Pass		
6	0			21.96	3.09	25.05	<=30	Pass		
1732.5	1			0	23.39	3.09	26.48	<=30	Pass	
				2	23.59	3.09	26.68	<=30	Pass	
			5	23.44	3.09	26.53	<=30	Pass		
	3		0	23.21	3.09	26.30	<=30	Pass		
			2	23.11	3.09	26.20	<=30	Pass		
			3	22.93	3.09	26.02	<=30	Pass		
	6		0	22.05	3.09	25.14	<=30	Pass		
	1754.3		1	0	22.65	3.09	25.74	<=30	Pass	
				2	22.83	3.09	25.92	<=30	Pass	
5				22.80	3.09	25.89	<=30	Pass		
3			0	22.92	3.09	26.01	<=30	Pass		
			2	22.74	3.09	25.83	<=30	Pass		
			3	22.87	3.09	25.96	<=30	Pass		
6			0	21.59	3.09	24.68	<=30	Pass		
64QAM			1710.7	1	0	22.44	3.09	25.53	<=30	Pass
					2	22.39	3.09	25.48	<=30	Pass
	5				22.27	3.09	25.36	<=30	Pass	
	3	0		22.19	3.09	25.28	<=30	Pass		
		2		22.36	3.09	25.45	<=30	Pass		

	1732.5	6	3	22.39	3.09	25.48	<=30	Pass
			0	21.11	3.09	24.20	<=30	Pass
			0	21.64	3.09	24.73	<=30	Pass
		1	2	21.84	3.09	24.93	<=30	Pass
			5	21.59	3.09	24.68	<=30	Pass
			0	22.12	3.09	25.21	<=30	Pass
	3	2	22.31	3.09	25.40	<=30	Pass	
		3	22.17	3.09	25.26	<=30	Pass	
		0	20.97	3.09	24.06	<=30	Pass	
	1754.3	1	0	21.62	3.09	24.71	<=30	Pass
			2	21.82	3.09	24.91	<=30	Pass
			5	21.74	3.09	24.83	<=30	Pass
		3	0	21.95	3.09	25.04	<=30	Pass
			2	22.07	3.09	25.16	<=30	Pass
			3	22.10	3.09	25.19	<=30	Pass
		6	0	20.76	3.09	23.85	<=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	24.36	3.09	27.45	<=30	Pass	
			7	24.14	3.09	27.23	<=30	Pass	
			14	24.23	3.09	27.32	<=30	Pass	
		8	0	23.17	3.09	26.26	<=30	Pass	
			4	23.13	3.09	26.22	<=30	Pass	
			7	23.16	3.09	26.25	<=30	Pass	
		15	0	23.15	3.09	26.24	<=30	Pass	
		1732.5	1	0	23.89	3.09	26.98	<=30	Pass
				7	23.88	3.09	26.97	<=30	Pass
	14			23.97	3.09	27.06	<=30	Pass	
	8		0	22.93	3.09	26.02	<=30	Pass	
			4	22.92	3.09	26.01	<=30	Pass	
			7	22.87	3.09	25.96	<=30	Pass	
	15		0	22.95	3.09	26.04	<=30	Pass	
	1753.5		1	0	23.91	3.09	27.00	<=30	Pass
				7	24.17	3.09	27.26	<=30	Pass
		14		24.02	3.09	27.11	<=30	Pass	
		8	0	22.73	3.09	25.82	<=30	Pass	
			4	22.76	3.09	25.85	<=30	Pass	
			7	22.86	3.09	25.95	<=30	Pass	
	15	0	22.77	3.09	25.86	<=30	Pass		
	16QAM	1711.5	1	0	23.50	3.09	26.59	<=30	Pass
				7	23.34	3.09	26.43	<=30	Pass
				14	23.41	3.09	26.50	<=30	Pass
8			0	22.15	3.09	25.24	<=30	Pass	
			4	22.27	3.09	25.36	<=30	Pass	
			7	22.21	3.09	25.30	<=30	Pass	
15		0	22.09	3.09	25.18	<=30	Pass		
1732.5		1	0	23.36	3.09	26.45	<=30	Pass	
			7	23.51	3.09	26.60	<=30	Pass	

64QAM	1753.5	8	14	23.49	3.09	26.58	<=30	Pass	
			0	22.26	3.09	25.35	<=30	Pass	
			4	22.15	3.09	25.24	<=30	Pass	
			7	22.09	3.09	25.18	<=30	Pass	
		15	0	22.17	3.09	25.26	<=30	Pass	
		1	0	22.71	3.09	25.80	<=30	Pass	
			7	23.03	3.09	26.12	<=30	Pass	
			14	22.93	3.09	26.02	<=30	Pass	
		8	0	21.66	3.09	24.75	<=30	Pass	
	4		21.63	3.09	24.72	<=30	Pass		
	7		21.81	3.09	24.90	<=30	Pass		
	15	0	21.93	3.09	25.02	<=30	Pass		
	1711.5	1	0	22.44	3.09	25.53	<=30	Pass	
			7	22.79	3.09	25.88	<=30	Pass	
			14	22.76	3.09	25.85	<=30	Pass	
			8	0	20.99	3.09	24.08	<=30	Pass
				4	21.39	3.09	24.48	<=30	Pass
				7	21.43	3.09	24.52	<=30	Pass
		15	0	21.26	3.09	24.35	<=30	Pass	
		1732.5	1	0	21.69	3.09	24.78	<=30	Pass
				7	21.70	3.09	24.79	<=30	Pass
				14	21.91	3.09	25.00	<=30	Pass
			8	0	20.82	3.09	23.91	<=30	Pass
				4	20.87	3.09	23.96	<=30	Pass
7	20.82			3.09	23.91	<=30	Pass		
15	0	21.13	3.09	24.22	<=30	Pass			
1753.5	1	0	21.65	3.09	24.74	<=30	Pass		
		7	21.92	3.09	25.01	<=30	Pass		
		14	22.12	3.09	25.21	<=30	Pass		
	8	0	20.33	3.09	23.42	<=30	Pass		
		4	20.55	3.09	23.64	<=30	Pass		
		7	20.65	3.09	23.74	<=30	Pass		
	15	0	20.64	3.09	23.73	<=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	23.97	3.09	27.06	<=30	Pass	
			13	24.01	3.09	27.10	<=30	Pass	
			24	23.87	3.09	26.96	<=30	Pass	
		12	0	22.98	3.09	26.07	<=30	Pass	
			6	22.96	3.09	26.05	<=30	Pass	
			13	23.10	3.09	26.19	<=30	Pass	
		25	0	23.03	3.09	26.12	<=30	Pass	
		1732.5	1	0	23.83	3.09	26.92	<=30	Pass
				13	23.76	3.09	26.85	<=30	Pass
	24			23.81	3.09	26.90	<=30	Pass	
	12		0	23.01	3.09	26.10	<=30	Pass	
			6	22.95	3.09	26.04	<=30	Pass	
			13	22.81	3.09	25.90	<=30	Pass	

	1752.5	1	25	0	22.97	3.09	26.06	<=30	Pass	
			12	0	23.53	3.09	26.62	<=30	Pass	
				13	23.95	3.09	27.04	<=30	Pass	
		24		24.08	3.09	27.17	<=30	Pass		
		12	0	22.86	3.09	25.95	<=30	Pass		
			6	22.97	3.09	26.06	<=30	Pass		
			13	22.84	3.09	25.93	<=30	Pass		
		25	0	22.81	3.09	25.90	<=30	Pass		
		16QAM	1712.5	1	0	22.28	3.09	25.37	<=30	Pass
					13	22.52	3.09	25.61	<=30	Pass
24	22.78				3.09	25.87	<=30	Pass		
12	0			21.95	3.09	25.04	<=30	Pass		
	6			21.86	3.09	24.95	<=30	Pass		
	13			21.93	3.09	25.02	<=30	Pass		
25	0			21.95	3.09	25.04	<=30	Pass		
1732.5	1			0	23.21	3.09	26.30	<=30	Pass	
				13	23.35	3.09	26.44	<=30	Pass	
			24	23.24	3.09	26.33	<=30	Pass		
	12		0	22.03	3.09	25.12	<=30	Pass		
			6	21.96	3.09	25.05	<=30	Pass		
			13	21.92	3.09	25.01	<=30	Pass		
25	0		22.01	3.09	25.10	<=30	Pass			
1752.5	1		0	22.61	3.09	25.70	<=30	Pass		
			13	22.94	3.09	26.03	<=30	Pass		
			24	23.11	3.09	26.20	<=30	Pass		
	12		0	21.66	3.09	24.75	<=30	Pass		
			6	21.66	3.09	24.75	<=30	Pass		
			13	21.69	3.09	24.78	<=30	Pass		
	25		0	21.75	3.09	24.84	<=30	Pass		
	64QAM		1712.5	1	0	21.51	3.09	24.60	<=30	Pass
					13	21.94	3.09	25.03	<=30	Pass
24					21.93	3.09	25.02	<=30	Pass	
12		0		20.97	3.09	24.06	<=30	Pass		
		6		20.80	3.09	23.89	<=30	Pass		
		13		20.84	3.09	23.93	<=30	Pass		
25		0		21.16	3.09	24.25	<=30	Pass		
1732.5		1		0	22.23	3.09	25.32	<=30	Pass	
				13	22.34	3.09	25.43	<=30	Pass	
			24	22.24	3.09	25.33	<=30	Pass		
		12	0	21.23	3.09	24.32	<=30	Pass		
			6	21.00	3.09	24.09	<=30	Pass		
			13	20.88	3.09	23.97	<=30	Pass		
25		0	21.14	3.09	24.23	<=30	Pass			
1752.5		1	0	21.16	3.09	24.25	<=30	Pass		
			13	22.12	3.09	25.21	<=30	Pass		
			24	22.26	3.09	25.35	<=30	Pass		
		12	0	20.76	3.09	23.85	<=30	Pass		
			6	20.86	3.09	23.95	<=30	Pass		
			13	20.93	3.09	24.02	<=30	Pass		
		25	0	20.81	3.09	23.90	<=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	24.32	3.09	27.41	<=30	Pass		
			25	23.90	3.09	26.99	<=30	Pass		
			49	23.92	3.09	27.01	<=30	Pass		
		25	0	23.01	3.09	26.10	<=30	Pass		
			13	22.94	3.09	26.03	<=30	Pass		
			25	23.08	3.09	26.17	<=30	Pass		
		50	0	23.04	3.09	26.13	<=30	Pass		
		1732.5	1	0	24.06	3.09	27.15	<=30	Pass	
				25	23.73	3.09	26.82	<=30	Pass	
	49			23.65	3.09	26.74	<=30	Pass		
	25		0	22.93	3.09	26.02	<=30	Pass		
			13	22.87	3.09	25.96	<=30	Pass		
			25	22.81	3.09	25.90	<=30	Pass		
	50		0	22.91	3.09	26.00	<=30	Pass		
	1750		1	0	23.99	3.09	27.08	<=30	Pass	
				25	23.81	3.09	26.90	<=30	Pass	
		49		23.98	3.09	27.07	<=30	Pass		
		25	0	22.86	3.09	25.95	<=30	Pass		
			13	22.86	3.09	25.95	<=30	Pass		
			25	22.90	3.09	25.99	<=30	Pass		
		50	0	22.81	3.09	25.90	<=30	Pass		
		16QAM	1715	1	0	23.19	3.09	26.28	<=30	Pass
					25	23.07	3.09	26.16	<=30	Pass
	49				23.40	3.09	26.49	<=30	Pass	
25	0			21.96	3.09	25.05	<=30	Pass		
	13			21.78	3.09	24.87	<=30	Pass		
	25			21.89	3.09	24.98	<=30	Pass		
50	0			21.76	3.09	24.85	<=30	Pass		
1732.5	1			0	23.47	3.09	26.56	<=30	Pass	
				25	23.09	3.09	26.18	<=30	Pass	
			49	22.97	3.09	26.06	<=30	Pass		
	25		0	21.98	3.09	25.07	<=30	Pass		
			13	21.87	3.09	24.96	<=30	Pass		
			25	22.06	3.09	25.15	<=30	Pass		
	50		0	21.88	3.09	24.97	<=30	Pass		
	1750		1	0	23.00	3.09	26.09	<=30	Pass	
				25	22.91	3.09	26.00	<=30	Pass	
49				22.72	3.09	25.81	<=30	Pass		
25			0	21.92	3.09	25.01	<=30	Pass		
			13	21.86	3.09	24.95	<=30	Pass		
			25	21.98	3.09	25.07	<=30	Pass		
50			0	21.84	3.09	24.93	<=30	Pass		
64QAM			1715	1	0	22.65	3.09	25.74	<=30	Pass
					25	22.64	3.09	25.73	<=30	Pass
	49				21.76	3.09	24.85	<=30	Pass	
	25	0		20.96	3.09	24.05	<=30	Pass		
		13		20.89	3.09	23.98	<=30	Pass		
		25		21.17	3.09	24.26	<=30	Pass		
	50	0		21.04	3.09	24.13	<=30	Pass		
	1732.5	1		0	21.96	3.09	25.05	<=30	Pass	

	1750	25	25	21.98	3.09	25.07	<=30	Pass	
			49	21.90	3.09	24.99	<=30	Pass	
			0	20.97	3.09	24.06	<=30	Pass	
			13	20.90	3.09	23.99	<=30	Pass	
			25	20.95	3.09	24.04	<=30	Pass	
		50	0	21.05	3.09	24.14	<=30	Pass	
			1	0	21.80	3.09	24.89	<=30	Pass
				25	21.82	3.09	24.91	<=30	Pass
		49		21.76	3.09	24.85	<=30	Pass	
		25	0	20.84	3.09	23.93	<=30	Pass	
			13	20.76	3.09	23.85	<=30	Pass	
			25	20.80	3.09	23.89	<=30	Pass	
			50	0	20.96	3.09	24.05	<=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	24.23	3.09	27.32	<=30	Pass		
			38	23.93	3.09	27.02	<=30	Pass		
			74	23.85	3.09	26.94	<=30	Pass		
		36	0	22.97	3.09	26.06	<=30	Pass		
			18	23.05	3.09	26.14	<=30	Pass		
			39	22.98	3.09	26.07	<=30	Pass		
		75	0	23.09	3.09	26.18	<=30	Pass		
		1732.5	1	0	23.92	3.09	27.01	<=30	Pass	
				38	23.86	3.09	26.95	<=30	Pass	
	74			23.41	3.09	26.50	<=30	Pass		
	36		0	22.99	3.09	26.08	<=30	Pass		
			18	22.85	3.09	25.94	<=30	Pass		
			39	22.76	3.09	25.85	<=30	Pass		
	75	0	22.86	3.09	25.95	<=30	Pass			
	1747.5	1	0	23.93	3.09	27.02	<=30	Pass		
			38	23.88	3.09	26.97	<=30	Pass		
			74	23.60	3.09	26.69	<=30	Pass		
		36	0	22.86	3.09	25.95	<=30	Pass		
			18	22.80	3.09	25.89	<=30	Pass		
			39	22.86	3.09	25.95	<=30	Pass		
		75	0	22.79	3.09	25.88	<=30	Pass		
		16QAM	1717.5	1	0	23.37	3.09	26.46	<=30	Pass
					38	23.40	3.09	26.49	<=30	Pass
	74				22.82	3.09	25.91	<=30	Pass	
36	0			22.07	3.09	25.16	<=30	Pass		
	18			21.86	3.09	24.95	<=30	Pass		
	39			21.95	3.09	25.04	<=30	Pass		
75	0		21.95	3.09	25.04	<=30	Pass			
1732.5	1		0	23.65	3.09	26.74	<=30	Pass		
			38	23.42	3.09	26.51	<=30	Pass		
			74	23.20	3.09	26.29	<=30	Pass		
	36		0	22.02	3.09	25.11	<=30	Pass		
			18	21.76	3.09	24.85	<=30	Pass		

	1747.5	75	39	21.77	3.09	24.86	<=30	Pass		
			0	21.87	3.09	24.96	<=30	Pass		
			74	22.63	3.09	25.72	<=30	Pass		
		1	0	22.88	3.09	25.97	<=30	Pass		
			38	23.04	3.09	26.13	<=30	Pass		
			74	22.63	3.09	25.72	<=30	Pass		
		36	0	21.74	3.09	24.83	<=30	Pass		
			18	21.72	3.09	24.81	<=30	Pass		
			39	21.87	3.09	24.96	<=30	Pass		
		75	0	21.90	3.09	24.99	<=30	Pass		
		64QAM	1717.5	1	0	22.57	3.09	25.66	<=30	Pass
					38	22.59	3.09	25.68	<=30	Pass
74	22.55				3.09	25.64	<=30	Pass		
36	0			21.20	3.09	24.29	<=30	Pass		
	18			21.17	3.09	24.26	<=30	Pass		
	39			21.07	3.09	24.16	<=30	Pass		
75	0			21.00	3.09	24.09	<=30	Pass		
1732.5	1			0	21.11	3.09	24.20	<=30	Pass	
				38	21.88	3.09	24.97	<=30	Pass	
			74	21.36	3.09	24.45	<=30	Pass		
	36		0	21.12	3.09	24.21	<=30	Pass		
			18	21.03	3.09	24.12	<=30	Pass		
			39	20.99	3.09	24.08	<=30	Pass		
75	0		20.92	3.09	24.01	<=30	Pass			
1747.5	1		0	22.24	3.09	25.33	<=30	Pass		
			38	21.74	3.09	24.83	<=30	Pass		
			74	21.94	3.09	25.03	<=30	Pass		
	36		0	20.75	3.09	23.84	<=30	Pass		
			18	20.71	3.09	23.80	<=30	Pass		
			39	20.95	3.09	24.04	<=30	Pass		
	75		0	20.83	3.09	23.92	<=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	23.99	3.09	27.08	<=30	Pass
			50	24.20	3.09	27.29	<=30	Pass
			99	23.81	3.09	26.90	<=30	Pass
		50	0	23.01	3.09	26.10	<=30	Pass
			25	23.01	3.09	26.10	<=30	Pass
			50	23.03	3.09	26.12	<=30	Pass
	100	0	23.07	3.09	26.16	<=30	Pass	
	1732.5	1	0	23.99	3.09	27.08	<=30	Pass
			50	23.84	3.09	26.93	<=30	Pass
			99	23.91	3.09	27.00	<=30	Pass
		50	0	22.98	3.09	26.07	<=30	Pass
			25	22.88	3.09	25.97	<=30	Pass
			50	22.80	3.09	25.89	<=30	Pass
	100	0	22.93	3.09	26.02	<=30	Pass	
	1745	1	0	23.82	3.09	26.91	<=30	Pass
			50	24.09	3.09	27.18	<=30	Pass

16QAM	1720	50	99	24.18	3.09	27.27	<=30	Pass				
			0	22.96	3.09	26.05	<=30	Pass				
			25	22.89	3.09	25.98	<=30	Pass				
			50	22.86	3.09	25.95	<=30	Pass				
	100	0	22.86	3.09	25.95	<=30	Pass					
	1732.5	1	50	0	22.99	3.09	26.08	<=30	Pass			
				50	23.76	3.09	26.85	<=30	Pass			
				99	23.41	3.09	26.50	<=30	Pass			
		50	1732.5	1	0	22.07	3.09	25.16	<=30	Pass		
					25	22.02	3.09	25.11	<=30	Pass		
50					22.05	3.09	25.14	<=30	Pass			
100					0	21.94	3.09	25.03	<=30	Pass		
1					1732.5	50	0	23.03	3.09	26.12	<=30	Pass
							50	22.91	3.09	26.00	<=30	Pass
		99	22.82	3.09			25.91	<=30	Pass			
50		1732.5	1	0	22.13	3.09	25.22	<=30	Pass			
				25	21.85	3.09	24.94	<=30	Pass			
	50			21.79	3.09	24.88	<=30	Pass				
	100			0	21.98	3.09	25.07	<=30	Pass			
	1			1745	50	0	23.80	3.09	26.89	<=30	Pass	
						50	24.05	3.09	27.14	<=30	Pass	
99		24.21	3.09			27.30	<=30	Pass				
50	1745	1	0	21.82	3.09	24.91	<=30	Pass				
			25	21.76	3.09	24.85	<=30	Pass				
			50	21.95	3.09	25.04	<=30	Pass				
			100	0	21.87	3.09	24.96	<=30	Pass			
			1	1720	50	0	22.20	3.09	25.29	<=30	Pass	
						50	22.40	3.09	25.49	<=30	Pass	
99	22.09	3.09				25.18	<=30	Pass				
64QAM	1732.5	1	0	21.05	3.09	24.14	<=30	Pass				
			25	21.06	3.09	24.15	<=30	Pass				
			50	21.03	3.09	24.12	<=30	Pass				
			100	0	20.88	3.09	23.97	<=30	Pass			
			1	1732.5	50	0	22.66	3.09	25.75	<=30	Pass	
						50	22.36	3.09	25.45	<=30	Pass	
	99	22.22				3.09	25.31	<=30	Pass			
	50	1732.5	1	0	20.92	3.09	24.01	<=30	Pass			
				25	20.85	3.09	23.94	<=30	Pass			
				50	20.83	3.09	23.92	<=30	Pass			
				100	0	20.79	3.09	23.88	<=30	Pass		
				1	1745	50	0	22.42	3.09	25.51	<=30	Pass
50							22.30	3.09	25.39	<=30	Pass	
99	22.53	3.09	25.62				<=30	Pass				
50	1745	1	0	20.98	3.09	24.07	<=30	Pass				
			25	20.93	3.09	24.02	<=30	Pass				
			50	20.82	3.09	23.91	<=30	Pass				
			100	0	20.89	3.09	23.98	<=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	6.12	-6.108	-0.0036	-2.5 to 2.5	Pass
					7.20	-5.293	-0.0031	-2.5 to 2.5	Pass
					8.28	-5.093	-0.0030	-2.5 to 2.5	Pass
				-30	7.20	-4.377	-0.0026	-2.5 to 2.5	Pass
				-20	7.20	-4.435	-0.0026	-2.5 to 2.5	Pass
				-10	7.20	-3.805	-0.0022	-2.5 to 2.5	Pass
				0	7.20	-3.948	-0.0023	-2.5 to 2.5	Pass
				10	7.20	-2.761	-0.0016	-2.5 to 2.5	Pass
				30	7.20	-2.561	-0.0015	-2.5 to 2.5	Pass
				40	7.20	-2.246	-0.0013	-2.5 to 2.5	Pass
	50	7.20	-2.532	-0.0015	-2.5 to 2.5	Pass			
	1732.5	6	0	20	6.12	-10.901	-0.0063	-2.5 to 2.5	Pass
					7.20	-9.842	-0.0057	-2.5 to 2.5	Pass
					8.28	-10.071	-0.0058	-2.5 to 2.5	Pass
				-30	7.20	-8.955	-0.0052	-2.5 to 2.5	Pass
				-20	7.20	-8.140	-0.0047	-2.5 to 2.5	Pass
				-10	7.20	-8.454	-0.0049	-2.5 to 2.5	Pass
				0	7.20	-7.439	-0.0043	-2.5 to 2.5	Pass
				10	7.20	-6.337	-0.0037	-2.5 to 2.5	Pass
				30	7.20	-4.821	-0.0028	-2.5 to 2.5	Pass
				40	7.20	-5.622	-0.0032	-2.5 to 2.5	Pass
	50	7.20	-5.608	-0.0032	-2.5 to 2.5	Pass			
	1754.3	6	0	20	6.12	-2.031	-0.0012	-2.5 to 2.5	Pass
					7.20	-2.418	-0.0014	-2.5 to 2.5	Pass
					8.28	-2.460	-0.0014	-2.5 to 2.5	Pass
				-30	7.20	-1.216	-0.0007	-2.5 to 2.5	Pass
				-20	7.20	-1.173	-0.0007	-2.5 to 2.5	Pass
				-10	7.20	-0.687	-0.0004	-2.5 to 2.5	Pass
				0	7.20	-0.973	-0.0006	-2.5 to 2.5	Pass
				10	7.20	-1.917	-0.0011	-2.5 to 2.5	Pass
30				7.20	-0.887	-0.0005	-2.5 to 2.5	Pass	
40				7.20	-1.945	-0.0011	-2.5 to 2.5	Pass	
50	7.20	-1.788	-0.0010	-2.5 to 2.5	Pass				
16QAM	1710.7	6	0	20	6.12	-2.375	-0.0014	-2.5 to 2.5	Pass
					7.20	-3.190	-0.0019	-2.5 to 2.5	Pass
					8.28	-3.033	-0.0018	-2.5 to 2.5	Pass
				-30	7.20	-2.317	-0.0014	-2.5 to 2.5	Pass
				-20	7.20	-1.616	-0.0009	-2.5 to 2.5	Pass
				-10	7.20	-2.675	-0.0016	-2.5 to 2.5	Pass
				0	7.20	-1.101	-0.0006	-2.5 to 2.5	Pass
				10	7.20	-1.030	-0.0006	-2.5 to 2.5	Pass
				30	7.20	-1.073	-0.0006	-2.5 to 2.5	Pass
				40	7.20	-1.659	-0.0010	-2.5 to 2.5	Pass
	50	7.20	-2.232	-0.0013	-2.5 to 2.5	Pass			
	1732.5	6	0	20	6.12	-4.506	-0.0026	-2.5 to 2.5	Pass
					7.20	-3.047	-0.0018	-2.5 to 2.5	Pass
					8.28	-2.732	-0.0016	-2.5 to 2.5	Pass

				-30	7.20	-2.360	-0.0014	-2.5 to 2.5	Pass				
				-20	7.20	-2.160	-0.0012	-2.5 to 2.5	Pass				
				-10	7.20	-1.531	-0.0009	-2.5 to 2.5	Pass				
				0	7.20	-1.745	-0.0010	-2.5 to 2.5	Pass				
				10	7.20	-1.373	-0.0008	-2.5 to 2.5	Pass				
				30	7.20	-0.873	-0.0005	-2.5 to 2.5	Pass				
				40	7.20	-1.845	-0.0011	-2.5 to 2.5	Pass				
				50	7.20	-1.245	-0.0007	-2.5 to 2.5	Pass				
	1754.3	6	0	20	6.12	-0.257	-0.0001	-2.5 to 2.5	Pass				
					7.20	-1.731	-0.0010	-2.5 to 2.5	Pass				
					8.28	0.129	0.0001	-2.5 to 2.5	Pass				
				-30	7.20	-1.373	-0.0008	-2.5 to 2.5	Pass				
				-20	7.20	-1.960	-0.0011	-2.5 to 2.5	Pass				
				-10	7.20	-2.174	-0.0012	-2.5 to 2.5	Pass				
				0	7.20	-1.330	-0.0008	-2.5 to 2.5	Pass				
				10	7.20	-0.544	-0.0003	-2.5 to 2.5	Pass				
				30	7.20	-1.073	-0.0006	-2.5 to 2.5	Pass				
				40	7.20	-1.516	-0.0009	-2.5 to 2.5	Pass				
				50	7.20	-1.960	-0.0011	-2.5 to 2.5	Pass				
				64QAM	1710.7	6	0	20	6.12	-0.815	-0.0005	-2.5 to 2.5	Pass
									7.20	-1.459	-0.0009	-2.5 to 2.5	Pass
8.28	-0.100	-0.0001	-2.5 to 2.5						Pass				
-30	7.20	0.100	0.0001					-2.5 to 2.5	Pass				
-20	7.20	0.358	0.0002					-2.5 to 2.5	Pass				
-10	7.20	-0.973	-0.0006					-2.5 to 2.5	Pass				
0	7.20	-0.100	-0.0001					-2.5 to 2.5	Pass				
10	7.20	1.273	0.0007					-2.5 to 2.5	Pass				
30	7.20	0.658	0.0004					-2.5 to 2.5	Pass				
40	7.20	0.858	0.0005		-2.5 to 2.5	Pass							
50	7.20	0.715	0.0004		-2.5 to 2.5	Pass							
1732.5	6	0	20		6.12	-0.801	-0.0005	-2.5 to 2.5	Pass				
					7.20	-1.774	-0.0010	-2.5 to 2.5	Pass				
					8.28	-0.515	-0.0003	-2.5 to 2.5	Pass				
			-30		7.20	-1.302	-0.0008	-2.5 to 2.5	Pass				
			-20		7.20	-0.415	-0.0002	-2.5 to 2.5	Pass				
			-10		7.20	-2.303	-0.0013	-2.5 to 2.5	Pass				
			0		7.20	-0.501	-0.0003	-2.5 to 2.5	Pass				
			10		7.20	-0.687	-0.0004	-2.5 to 2.5	Pass				
			30		7.20	-1.488	-0.0009	-2.5 to 2.5	Pass				
40	7.20	-1.187	-0.0007		-2.5 to 2.5	Pass							
50	7.20	-0.100	-0.0001	-2.5 to 2.5	Pass								
1754.3	6	0	20	6.12	0.329	0.0002	-2.5 to 2.5	Pass					
				7.20	-1.273	-0.0007	-2.5 to 2.5	Pass					
				8.28	1.087	0.0006	-2.5 to 2.5	Pass					
			-30	7.20	0.143	0.0001	-2.5 to 2.5	Pass					
			-20	7.20	-0.157	-0.0001	-2.5 to 2.5	Pass					
			-10	7.20	-0.386	-0.0002	-2.5 to 2.5	Pass					
			0	7.20	-0.215	-0.0001	-2.5 to 2.5	Pass					
			10	7.20	0.701	0.0004	-2.5 to 2.5	Pass					
			30	7.20	-1.202	-0.0007	-2.5 to 2.5	Pass					
40	7.20	1.502	0.0009	-2.5 to 2.5	Pass								
50	7.20	-0.858	-0.0005	-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	6.12	3.605	0.0021	-2.5 to 2.5	Pass
					7.20	4.177	0.0024	-2.5 to 2.5	Pass
					8.28	4.749	0.0028	-2.5 to 2.5	Pass
				-30	7.20	3.862	0.0023	-2.5 to 2.5	Pass
				-20	7.20	4.978	0.0029	-2.5 to 2.5	Pass
				-10	7.20	4.234	0.0025	-2.5 to 2.5	Pass
				0	7.20	4.935	0.0029	-2.5 to 2.5	Pass
				10	7.20	4.478	0.0026	-2.5 to 2.5	Pass
				30	7.20	3.061	0.0018	-2.5 to 2.5	Pass
				40	7.20	3.777	0.0022	-2.5 to 2.5	Pass
	50	7.20	5.665	0.0033	-2.5 to 2.5	Pass			
	1732.5	15	0	20	6.12	6.909	0.0040	-2.5 to 2.5	Pass
					7.20	6.380	0.0037	-2.5 to 2.5	Pass
					8.28	6.123	0.0035	-2.5 to 2.5	Pass
				-30	7.20	4.549	0.0026	-2.5 to 2.5	Pass
				-20	7.20	5.879	0.0034	-2.5 to 2.5	Pass
				-10	7.20	5.851	0.0034	-2.5 to 2.5	Pass
				0	7.20	5.851	0.0034	-2.5 to 2.5	Pass
				10	7.20	5.579	0.0032	-2.5 to 2.5	Pass
				30	7.20	6.037	0.0035	-2.5 to 2.5	Pass
				40	7.20	6.151	0.0036	-2.5 to 2.5	Pass
	50	7.20	5.293	0.0031	-2.5 to 2.5	Pass			
	1753.5	15	0	20	6.12	3.047	0.0017	-2.5 to 2.5	Pass
					7.20	2.303	0.0013	-2.5 to 2.5	Pass
					8.28	1.717	0.0010	-2.5 to 2.5	Pass
				-30	7.20	1.917	0.0011	-2.5 to 2.5	Pass
				-20	7.20	3.290	0.0019	-2.5 to 2.5	Pass
				-10	7.20	1.502	0.0009	-2.5 to 2.5	Pass
				0	7.20	1.888	0.0011	-2.5 to 2.5	Pass
				10	7.20	3.390	0.0019	-2.5 to 2.5	Pass
30				7.20	0.858	0.0005	-2.5 to 2.5	Pass	
40				7.20	1.330	0.0008	-2.5 to 2.5	Pass	
50	7.20	2.017	0.0012	-2.5 to 2.5	Pass				
16QAM	1711.5	15	0	20	6.12	3.505	0.0020	-2.5 to 2.5	Pass
					7.20	4.392	0.0026	-2.5 to 2.5	Pass
					8.28	3.705	0.0022	-2.5 to 2.5	Pass
				-30	7.20	4.148	0.0024	-2.5 to 2.5	Pass
				-20	7.20	4.320	0.0025	-2.5 to 2.5	Pass
				-10	7.20	4.535	0.0026	-2.5 to 2.5	Pass
				0	7.20	4.764	0.0028	-2.5 to 2.5	Pass
				10	7.20	4.506	0.0026	-2.5 to 2.5	Pass
				30	7.20	3.605	0.0021	-2.5 to 2.5	Pass
				40	7.20	3.390	0.0020	-2.5 to 2.5	Pass
	50	7.20	3.147	0.0018	-2.5 to 2.5	Pass			
	1732.5	15	0	20	6.12	6.337	0.0037	-2.5 to 2.5	Pass
					7.20	5.450	0.0031	-2.5 to 2.5	Pass
					8.28	6.194	0.0036	-2.5 to 2.5	Pass
				-30	7.20	5.865	0.0034	-2.5 to 2.5	Pass
				-20	7.20	7.353	0.0042	-2.5 to 2.5	Pass
				-10	7.20	5.808	0.0034	-2.5 to 2.5	Pass

				0	7.20	6.294	0.0036	-2.5 to 2.5	Pass				
				10	7.20	6.595	0.0038	-2.5 to 2.5	Pass				
				30	7.20	5.994	0.0035	-2.5 to 2.5	Pass				
				40	7.20	5.951	0.0034	-2.5 to 2.5	Pass				
				50	7.20	6.537	0.0038	-2.5 to 2.5	Pass				
	1753.5	15	0	20	6.12	1.917	0.0011	-2.5 to 2.5	Pass				
					7.20	1.473	0.0008	-2.5 to 2.5	Pass				
					8.28	0.858	0.0005	-2.5 to 2.5	Pass				
				-30	7.20	2.360	0.0013	-2.5 to 2.5	Pass				
				-20	7.20	0.715	0.0004	-2.5 to 2.5	Pass				
				-10	7.20	1.545	0.0009	-2.5 to 2.5	Pass				
				0	7.20	0.973	0.0006	-2.5 to 2.5	Pass				
				10	7.20	1.817	0.0010	-2.5 to 2.5	Pass				
				30	7.20	2.017	0.0012	-2.5 to 2.5	Pass				
				40	7.20	1.688	0.0010	-2.5 to 2.5	Pass				
				50	7.20	1.774	0.0010	-2.5 to 2.5	Pass				
				64QAM	1711.5	15	0	20	6.12	2.704	0.0016	-2.5 to 2.5	Pass
									7.20	2.933	0.0017	-2.5 to 2.5	Pass
									8.28	2.432	0.0014	-2.5 to 2.5	Pass
-30	7.20	3.419	0.0020					-2.5 to 2.5	Pass				
-20	7.20	3.605	0.0021					-2.5 to 2.5	Pass				
-10	7.20	3.319	0.0019					-2.5 to 2.5	Pass				
0	7.20	2.718	0.0016					-2.5 to 2.5	Pass				
10	7.20	3.047	0.0018					-2.5 to 2.5	Pass				
30	7.20	3.791	0.0022					-2.5 to 2.5	Pass				
40	7.20	4.020	0.0023					-2.5 to 2.5	Pass				
50	7.20	4.835	0.0028					-2.5 to 2.5	Pass				
1732.5	15	0	20					6.12	5.336	0.0031	-2.5 to 2.5	Pass	
								7.20	5.393	0.0031	-2.5 to 2.5	Pass	
								8.28	4.334	0.0025	-2.5 to 2.5	Pass	
			-30		7.20	5.579	0.0032	-2.5 to 2.5	Pass				
			-20		7.20	4.478	0.0026	-2.5 to 2.5	Pass				
			-10		7.20	4.606	0.0027	-2.5 to 2.5	Pass				
			0		7.20	3.591	0.0021	-2.5 to 2.5	Pass				
			10		7.20	4.878	0.0028	-2.5 to 2.5	Pass				
			30		7.20	3.476	0.0020	-2.5 to 2.5	Pass				
			40		7.20	4.306	0.0025	-2.5 to 2.5	Pass				
			50		7.20	6.266	0.0036	-2.5 to 2.5	Pass				
			1753.5		15	0	20	6.12	1.616	0.0009	-2.5 to 2.5	Pass	
								7.20	3.262	0.0019	-2.5 to 2.5	Pass	
								8.28	1.574	0.0009	-2.5 to 2.5	Pass	
							-30	7.20	2.303	0.0013	-2.5 to 2.5	Pass	
-20	7.20	1.831					0.0010	-2.5 to 2.5	Pass				
-10	7.20	1.574					0.0009	-2.5 to 2.5	Pass				
0	7.20	1.502					0.0009	-2.5 to 2.5	Pass				
10	7.20	0.901		0.0005			-2.5 to 2.5	Pass					
30	7.20	1.101		0.0006			-2.5 to 2.5	Pass					
40	7.20	1.659		0.0009			-2.5 to 2.5	Pass					
50	7.20	1.216	0.0007	-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	6.12	5.021	0.0029	-2.5 to 2.5	Pass
					7.20	6.638	0.0039	-2.5 to 2.5	Pass
					8.28	6.680	0.0039	-2.5 to 2.5	Pass
				-30	7.20	6.094	0.0036	-2.5 to 2.5	Pass
				-20	7.20	6.008	0.0035	-2.5 to 2.5	Pass
				-10	7.20	5.136	0.0030	-2.5 to 2.5	Pass
				0	7.20	5.236	0.0031	-2.5 to 2.5	Pass
				10	7.20	4.277	0.0025	-2.5 to 2.5	Pass
				30	7.20	4.306	0.0025	-2.5 to 2.5	Pass
				40	7.20	5.751	0.0034	-2.5 to 2.5	Pass
	50	7.20	5.765	0.0034	-2.5 to 2.5	Pass			
	1732.5	25	0	20	6.12	1.960	0.0011	-2.5 to 2.5	Pass
					7.20	3.147	0.0018	-2.5 to 2.5	Pass
					8.28	2.089	0.0012	-2.5 to 2.5	Pass
				-30	7.20	3.076	0.0018	-2.5 to 2.5	Pass
				-20	7.20	3.090	0.0018	-2.5 to 2.5	Pass
				-10	7.20	2.718	0.0016	-2.5 to 2.5	Pass
				0	7.20	3.476	0.0020	-2.5 to 2.5	Pass
				10	7.20	4.063	0.0023	-2.5 to 2.5	Pass
				30	7.20	4.449	0.0026	-2.5 to 2.5	Pass
				40	7.20	4.578	0.0026	-2.5 to 2.5	Pass
	50	7.20	3.748	0.0022	-2.5 to 2.5	Pass			
	1752.5	25	0	20	6.12	-2.489	-0.0014	-2.5 to 2.5	Pass
					7.20	-1.917	-0.0011	-2.5 to 2.5	Pass
					8.28	-1.831	-0.0010	-2.5 to 2.5	Pass
				-30	7.20	-2.017	-0.0012	-2.5 to 2.5	Pass
				-20	7.20	-1.330	-0.0008	-2.5 to 2.5	Pass
				-10	7.20	-0.930	-0.0005	-2.5 to 2.5	Pass
				0	7.20	-2.418	-0.0014	-2.5 to 2.5	Pass
				10	7.20	-1.659	-0.0009	-2.5 to 2.5	Pass
30				7.20	-0.958	-0.0005	-2.5 to 2.5	Pass	
40				7.20	-0.515	-0.0003	-2.5 to 2.5	Pass	
50	7.20	-2.575	-0.0015	-2.5 to 2.5	Pass				
16QAM	1712.5	25	0	20	6.12	4.349	0.0025	-2.5 to 2.5	Pass
					7.20	3.333	0.0019	-2.5 to 2.5	Pass
					8.28	4.020	0.0023	-2.5 to 2.5	Pass
				-30	7.20	3.691	0.0022	-2.5 to 2.5	Pass
				-20	7.20	4.306	0.0025	-2.5 to 2.5	Pass
				-10	7.20	4.249	0.0025	-2.5 to 2.5	Pass
				0	7.20	4.163	0.0024	-2.5 to 2.5	Pass
				10	7.20	4.191	0.0024	-2.5 to 2.5	Pass
				30	7.20	4.478	0.0026	-2.5 to 2.5	Pass
	40	7.20	4.563	0.0027	-2.5 to 2.5	Pass			
	50	7.20	4.334	0.0025	-2.5 to 2.5	Pass			
	1732.5	25	0	20	6.12	4.334	0.0025	-2.5 to 2.5	Pass
					7.20	4.821	0.0028	-2.5 to 2.5	Pass
					8.28	4.764	0.0027	-2.5 to 2.5	Pass
				-30	7.20	3.576	0.0021	-2.5 to 2.5	Pass
				-20	7.20	3.018	0.0017	-2.5 to 2.5	Pass
				-10	7.20	3.490	0.0020	-2.5 to 2.5	Pass

				0	7.20	3.934	0.0023	-2.5 to 2.5	Pass
				10	7.20	2.789	0.0016	-2.5 to 2.5	Pass
				30	7.20	2.975	0.0017	-2.5 to 2.5	Pass
				40	7.20	2.661	0.0015	-2.5 to 2.5	Pass
				50	7.20	4.449	0.0026	-2.5 to 2.5	Pass
	1752.5	25	0	20	6.12	-1.802	-0.0010	-2.5 to 2.5	Pass
					7.20	-1.101	-0.0006	-2.5 to 2.5	Pass
					8.28	-1.473	-0.0008	-2.5 to 2.5	Pass
				-30	7.20	-1.016	-0.0006	-2.5 to 2.5	Pass
				-20	7.20	-1.001	-0.0006	-2.5 to 2.5	Pass
				-10	7.20	-0.801	-0.0005	-2.5 to 2.5	Pass
				0	7.20	-0.629	-0.0004	-2.5 to 2.5	Pass
				10	7.20	-1.531	-0.0009	-2.5 to 2.5	Pass
				30	7.20	-1.602	-0.0009	-2.5 to 2.5	Pass
				40	7.20	-2.203	-0.0013	-2.5 to 2.5	Pass
				50	7.20	-0.658	-0.0004	-2.5 to 2.5	Pass
				64QAM	1712.5	25	0	20	6.12
7.20	2.446	0.0014	-2.5 to 2.5						Pass
8.28	3.920	0.0023	-2.5 to 2.5						Pass
-30	7.20	4.892	0.0029					-2.5 to 2.5	Pass
-20	7.20	5.322	0.0031					-2.5 to 2.5	Pass
-10	7.20	3.762	0.0022					-2.5 to 2.5	Pass
0	7.20	3.805	0.0022					-2.5 to 2.5	Pass
10	7.20	4.706	0.0027					-2.5 to 2.5	Pass
30	7.20	4.821	0.0028					-2.5 to 2.5	Pass
40	7.20	4.749	0.0028					-2.5 to 2.5	Pass
50	7.20	4.406	0.0026					-2.5 to 2.5	Pass
1732.5	25	0	20					6.12	2.561
					7.20	3.219	0.0019	-2.5 to 2.5	Pass
					8.28	3.290	0.0019	-2.5 to 2.5	Pass
			-30		7.20	3.519	0.0020	-2.5 to 2.5	Pass
			-20		7.20	3.090	0.0018	-2.5 to 2.5	Pass
			-10		7.20	-1.831	-0.0011	-2.5 to 2.5	Pass
			0		7.20	2.189	0.0013	-2.5 to 2.5	Pass
			10		7.20	1.674	0.0010	-2.5 to 2.5	Pass
			30		7.20	3.004	0.0017	-2.5 to 2.5	Pass
			40		7.20	2.632	0.0015	-2.5 to 2.5	Pass
			50		7.20	3.004	0.0017	-2.5 to 2.5	Pass
			1752.5		25	0	20	6.12	-0.887
7.20	-1.059	-0.0006						-2.5 to 2.5	Pass
8.28	-0.801	-0.0005						-2.5 to 2.5	Pass
-30	7.20	-0.443					-0.0003	-2.5 to 2.5	Pass
-20	7.20	-1.044					-0.0006	-2.5 to 2.5	Pass
-10	7.20	-1.588					-0.0009	-2.5 to 2.5	Pass
0	7.20	-0.515					-0.0003	-2.5 to 2.5	Pass
10	7.20	-1.531					-0.0009	-2.5 to 2.5	Pass
30	7.20	-1.202		-0.0007			-2.5 to 2.5	Pass	
40	7.20	-2.103		-0.0012			-2.5 to 2.5	Pass	
50	7.20	-2.475		-0.0014			-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	6.12	-3.762	-0.0022	-2.5 to 2.5	Pass
					7.20	-3.633	-0.0021	-2.5 to 2.5	Pass
					8.28	-2.403	-0.0014	-2.5 to 2.5	Pass
				-30	7.20	-3.133	-0.0018	-2.5 to 2.5	Pass
				-20	7.20	-3.648	-0.0021	-2.5 to 2.5	Pass
				-10	7.20	-3.448	-0.0020	-2.5 to 2.5	Pass
				0	7.20	-2.689	-0.0016	-2.5 to 2.5	Pass
				10	7.20	-1.802	-0.0011	-2.5 to 2.5	Pass
				30	7.20	-2.961	-0.0017	-2.5 to 2.5	Pass
				40	7.20	-1.860	-0.0011	-2.5 to 2.5	Pass
	50	7.20	-2.975	-0.0017	-2.5 to 2.5	Pass			
	1732.5	50	0	20	6.12	1.345	0.0008	-2.5 to 2.5	Pass
					7.20	0.558	0.0003	-2.5 to 2.5	Pass
					8.28	0.916	0.0005	-2.5 to 2.5	Pass
				-30	7.20	0.744	0.0004	-2.5 to 2.5	Pass
				-20	7.20	0.629	0.0004	-2.5 to 2.5	Pass
				-10	7.20	1.216	0.0007	-2.5 to 2.5	Pass
				0	7.20	1.731	0.0010	-2.5 to 2.5	Pass
				10	7.20	0.386	0.0002	-2.5 to 2.5	Pass
				30	7.20	1.888	0.0011	-2.5 to 2.5	Pass
				40	7.20	1.044	0.0006	-2.5 to 2.5	Pass
	50	7.20	2.103	0.0012	-2.5 to 2.5	Pass			
	1750	50	0	20	6.12	3.304	0.0019	-2.5 to 2.5	Pass
					7.20	2.832	0.0016	-2.5 to 2.5	Pass
					8.28	1.588	0.0009	-2.5 to 2.5	Pass
				-30	7.20	2.718	0.0016	-2.5 to 2.5	Pass
				-20	7.20	1.159	0.0007	-2.5 to 2.5	Pass
				-10	7.20	3.548	0.0020	-2.5 to 2.5	Pass
				0	7.20	1.173	0.0007	-2.5 to 2.5	Pass
				10	7.20	2.589	0.0015	-2.5 to 2.5	Pass
30				7.20	1.674	0.0010	-2.5 to 2.5	Pass	
40				7.20	2.074	0.0012	-2.5 to 2.5	Pass	
50	7.20	2.646	0.0015	-2.5 to 2.5	Pass				
16QAM	1715	50	0	20	6.12	-4.020	-0.0023	-2.5 to 2.5	Pass
					7.20	-2.074	-0.0012	-2.5 to 2.5	Pass
					8.28	-3.018	-0.0018	-2.5 to 2.5	Pass
				-30	7.20	-2.661	-0.0016	-2.5 to 2.5	Pass
				-20	7.20	-2.675	-0.0016	-2.5 to 2.5	Pass
				-10	7.20	-2.933	-0.0017	-2.5 to 2.5	Pass
				0	7.20	-2.632	-0.0015	-2.5 to 2.5	Pass
				10	7.20	-2.332	-0.0014	-2.5 to 2.5	Pass
				30	7.20	-2.003	-0.0012	-2.5 to 2.5	Pass
				40	7.20	-2.117	-0.0012	-2.5 to 2.5	Pass
	50	7.20	-1.903	-0.0011	-2.5 to 2.5	Pass			
	1732.5	50	0	20	6.12	2.217	0.0013	-2.5 to 2.5	Pass
					7.20	1.874	0.0011	-2.5 to 2.5	Pass
					8.28	0.973	0.0006	-2.5 to 2.5	Pass
				-30	7.20	0.629	0.0004	-2.5 to 2.5	Pass
				-20	7.20	1.302	0.0008	-2.5 to 2.5	Pass
				-10	7.20	0.758	0.0004	-2.5 to 2.5	Pass

				0	7.20	2.246	0.0013	-2.5 to 2.5	Pass
				10	7.20	1.216	0.0007	-2.5 to 2.5	Pass
				30	7.20	1.788	0.0010	-2.5 to 2.5	Pass
				40	7.20	0.944	0.0005	-2.5 to 2.5	Pass
				50	7.20	0.272	0.0002	-2.5 to 2.5	Pass
	1750	50	0	20	6.12	2.375	0.0014	-2.5 to 2.5	Pass
					7.20	2.475	0.0014	-2.5 to 2.5	Pass
					8.28	2.761	0.0016	-2.5 to 2.5	Pass
				-30	7.20	2.217	0.0013	-2.5 to 2.5	Pass
				-20	7.20	1.545	0.0009	-2.5 to 2.5	Pass
				-10	7.20	1.373	0.0008	-2.5 to 2.5	Pass
				0	7.20	2.460	0.0014	-2.5 to 2.5	Pass
				10	7.20	1.545	0.0009	-2.5 to 2.5	Pass
				30	7.20	2.460	0.0014	-2.5 to 2.5	Pass
				40	7.20	1.631	0.0009	-2.5 to 2.5	Pass
50	7.20	1.502	0.0009	-2.5 to 2.5	Pass				
64QAM	1715	50	0	20	6.12	-3.061	-0.0018	-2.5 to 2.5	Pass
					7.20	-2.403	-0.0014	-2.5 to 2.5	Pass
					8.28	-1.616	-0.0009	-2.5 to 2.5	Pass
				-30	7.20	-3.047	-0.0018	-2.5 to 2.5	Pass
				-20	7.20	-3.648	-0.0021	-2.5 to 2.5	Pass
				-10	7.20	-2.847	-0.0017	-2.5 to 2.5	Pass
				0	7.20	-2.747	-0.0016	-2.5 to 2.5	Pass
				10	7.20	-2.847	-0.0017	-2.5 to 2.5	Pass
				30	7.20	-3.533	-0.0021	-2.5 to 2.5	Pass
				40	7.20	-3.762	-0.0022	-2.5 to 2.5	Pass
	50	7.20	-2.961	-0.0017	-2.5 to 2.5	Pass			
	1732.5	50	0	20	6.12	0.815	0.0005	-2.5 to 2.5	Pass
					7.20	0.744	0.0004	-2.5 to 2.5	Pass
					8.28	2.804	0.0016	-2.5 to 2.5	Pass
				-30	7.20	0.916	0.0005	-2.5 to 2.5	Pass
				-20	7.20	0.987	0.0006	-2.5 to 2.5	Pass
				-10	7.20	1.545	0.0009	-2.5 to 2.5	Pass
				0	7.20	0.844	0.0005	-2.5 to 2.5	Pass
				10	7.20	1.445	0.0008	-2.5 to 2.5	Pass
				30	7.20	0.343	0.0002	-2.5 to 2.5	Pass
				40	7.20	0.057	0.0000	-2.5 to 2.5	Pass
	50	7.20	1.845	0.0011	-2.5 to 2.5	Pass			
	1750	50	0	20	6.12	1.659	0.0009	-2.5 to 2.5	Pass
					7.20	1.674	0.0010	-2.5 to 2.5	Pass
					8.28	1.130	0.0006	-2.5 to 2.5	Pass
-30				7.20	1.602	0.0009	-2.5 to 2.5	Pass	
-20				7.20	1.330	0.0008	-2.5 to 2.5	Pass	
-10				7.20	1.960	0.0011	-2.5 to 2.5	Pass	
0				7.20	2.146	0.0012	-2.5 to 2.5	Pass	
10				7.20	0.486	0.0003	-2.5 to 2.5	Pass	
30				7.20	2.089	0.0012	-2.5 to 2.5	Pass	
40				7.20	1.903	0.0011	-2.5 to 2.5	Pass	
50	7.20	0.916	0.0005	-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	6.12	-1.202	-0.0007	-2.5 to 2.5	Pass
					7.20	-1.373	-0.0008	-2.5 to 2.5	Pass
					8.28	-0.558	-0.0003	-2.5 to 2.5	Pass
				-30	7.20	-0.100	-0.0001	-2.5 to 2.5	Pass
				-20	7.20	-0.873	-0.0005	-2.5 to 2.5	Pass
				-10	7.20	-1.173	-0.0007	-2.5 to 2.5	Pass
				0	7.20	-0.629	-0.0004	-2.5 to 2.5	Pass
				10	7.20	-0.973	-0.0006	-2.5 to 2.5	Pass
				30	7.20	-0.386	-0.0002	-2.5 to 2.5	Pass
				40	7.20	-0.257	-0.0001	-2.5 to 2.5	Pass
	50	7.20	-1.459	-0.0008	-2.5 to 2.5	Pass			
	1732.5	75	0	20	6.12	1.960	0.0011	-2.5 to 2.5	Pass
					7.20	1.659	0.0010	-2.5 to 2.5	Pass
					8.28	1.388	0.0008	-2.5 to 2.5	Pass
				-30	7.20	1.030	0.0006	-2.5 to 2.5	Pass
				-20	7.20	0.758	0.0004	-2.5 to 2.5	Pass
				-10	7.20	0.916	0.0005	-2.5 to 2.5	Pass
				0	7.20	0.844	0.0005	-2.5 to 2.5	Pass
				10	7.20	0.443	0.0003	-2.5 to 2.5	Pass
				30	7.20	1.602	0.0009	-2.5 to 2.5	Pass
				40	7.20	0.200	0.0001	-2.5 to 2.5	Pass
	50	7.20	0.801	0.0005	-2.5 to 2.5	Pass			
	1747.5	75	0	20	6.12	0.458	0.0003	-2.5 to 2.5	Pass
					7.20	1.087	0.0006	-2.5 to 2.5	Pass
					8.28	0.830	0.0005	-2.5 to 2.5	Pass
				-30	7.20	-0.401	-0.0002	-2.5 to 2.5	Pass
				-20	7.20	0.701	0.0004	-2.5 to 2.5	Pass
				-10	7.20	0.000	0.0000	-2.5 to 2.5	Pass
				0	7.20	0.129	0.0001	-2.5 to 2.5	Pass
				10	7.20	0.987	0.0006	-2.5 to 2.5	Pass
30				7.20	0.587	0.0003	-2.5 to 2.5	Pass	
40				7.20	0.415	0.0002	-2.5 to 2.5	Pass	
50	7.20	-0.601	-0.0003	-2.5 to 2.5	Pass				
16QAM	1717.5	75	0	20	6.12	-1.845	-0.0011	-2.5 to 2.5	Pass
					7.20	-1.259	-0.0007	-2.5 to 2.5	Pass
					8.28	-2.160	-0.0013	-2.5 to 2.5	Pass
				-30	7.20	-0.429	-0.0002	-2.5 to 2.5	Pass
				-20	7.20	-1.116	-0.0006	-2.5 to 2.5	Pass
				-10	7.20	-0.587	-0.0003	-2.5 to 2.5	Pass
				0	7.20	-1.116	-0.0006	-2.5 to 2.5	Pass
				10	7.20	-1.373	-0.0008	-2.5 to 2.5	Pass
				30	7.20	-1.373	-0.0008	-2.5 to 2.5	Pass
				40	7.20	-0.515	-0.0003	-2.5 to 2.5	Pass
	50	7.20	-0.887	-0.0005	-2.5 to 2.5	Pass			
	1732.5	75	0	20	6.12	2.003	0.0012	-2.5 to 2.5	Pass
					7.20	0.844	0.0005	-2.5 to 2.5	Pass
					8.28	-0.458	-0.0003	-2.5 to 2.5	Pass
				-30	7.20	1.073	0.0006	-2.5 to 2.5	Pass
				-20	7.20	0.415	0.0002	-2.5 to 2.5	Pass
				-10	7.20	1.302	0.0008	-2.5 to 2.5	Pass

				0	7.20	0.887	0.0005	-2.5 to 2.5	Pass
				10	7.20	0.587	0.0003	-2.5 to 2.5	Pass
				30	7.20	1.001	0.0006	-2.5 to 2.5	Pass
				40	7.20	0.129	0.0001	-2.5 to 2.5	Pass
				50	7.20	0.658	0.0004	-2.5 to 2.5	Pass
	1747.5	75	0	20	6.12	-0.186	-0.0001	-2.5 to 2.5	Pass
					7.20	-0.672	-0.0004	-2.5 to 2.5	Pass
					8.28	0.472	0.0003	-2.5 to 2.5	Pass
				-30	7.20	1.044	0.0006	-2.5 to 2.5	Pass
				-20	7.20	-0.486	-0.0003	-2.5 to 2.5	Pass
				-10	7.20	-0.386	-0.0002	-2.5 to 2.5	Pass
				0	7.20	-0.601	-0.0003	-2.5 to 2.5	Pass
				10	7.20	-0.257	-0.0001	-2.5 to 2.5	Pass
				30	7.20	0.072	0.0000	-2.5 to 2.5	Pass
				40	7.20	0.615	0.0004	-2.5 to 2.5	Pass
				50	7.20	-0.029	0.0000	-2.5 to 2.5	Pass
				64QAM	1717.5	75	0	20	6.12
7.20	-0.229	-0.0001	-2.5 to 2.5						Pass
8.28	-0.658	-0.0004	-2.5 to 2.5						Pass
-30	7.20	-1.531	-0.0009					-2.5 to 2.5	Pass
-20	7.20	-0.343	-0.0002					-2.5 to 2.5	Pass
-10	7.20	-0.687	-0.0004					-2.5 to 2.5	Pass
0	7.20	-1.488	-0.0009					-2.5 to 2.5	Pass
10	7.20	-1.230	-0.0007					-2.5 to 2.5	Pass
30	7.20	-0.186	-0.0001					-2.5 to 2.5	Pass
40	7.20	-1.416	-0.0008					-2.5 to 2.5	Pass
50	7.20	-1.273	-0.0007					-2.5 to 2.5	Pass
1732.5	75	0	20					6.12	1.531
					7.20	1.359	0.0008	-2.5 to 2.5	Pass
					8.28	0.401	0.0002	-2.5 to 2.5	Pass
			-30		7.20	0.229	0.0001	-2.5 to 2.5	Pass
			-20		7.20	0.544	0.0003	-2.5 to 2.5	Pass
			-10		7.20	0.858	0.0005	-2.5 to 2.5	Pass
			0		7.20	0.072	0.0000	-2.5 to 2.5	Pass
			10		7.20	0.186	0.0001	-2.5 to 2.5	Pass
			30		7.20	1.788	0.0010	-2.5 to 2.5	Pass
			40		7.20	0.544	0.0003	-2.5 to 2.5	Pass
			50		7.20	1.030	0.0006	-2.5 to 2.5	Pass
			1747.5		75	0	20	6.12	-0.787
7.20	0.043	0.0000						-2.5 to 2.5	Pass
8.28	0.486	0.0003						-2.5 to 2.5	Pass
-30	7.20	-0.200					-0.0001	-2.5 to 2.5	Pass
-20	7.20	0.744					0.0004	-2.5 to 2.5	Pass
-10	7.20	0.200		0.0001			-2.5 to 2.5	Pass	
0	7.20	-0.057		0.0000			-2.5 to 2.5	Pass	
10	7.20	0.758		0.0004			-2.5 to 2.5	Pass	
30	7.20	0.186		0.0001			-2.5 to 2.5	Pass	
40	7.20	0.286		0.0002			-2.5 to 2.5	Pass	
50	7.20	0.501		0.0003			-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	6.12	2.360	0.0014	-2.5 to 2.5	Pass
					7.20	1.788	0.0010	-2.5 to 2.5	Pass
					8.28	1.130	0.0007	-2.5 to 2.5	Pass
				-30	7.20	1.473	0.0009	-2.5 to 2.5	Pass
				-20	7.20	1.645	0.0010	-2.5 to 2.5	Pass
				-10	7.20	1.845	0.0011	-2.5 to 2.5	Pass
				0	7.20	2.403	0.0014	-2.5 to 2.5	Pass
				10	7.20	1.674	0.0010	-2.5 to 2.5	Pass
				30	7.20	2.503	0.0015	-2.5 to 2.5	Pass
				40	7.20	1.502	0.0009	-2.5 to 2.5	Pass
	50	7.20	2.332	0.0014	-2.5 to 2.5	Pass			
	1732.5	100	0	20	6.12	0.615	0.0004	-2.5 to 2.5	Pass
					7.20	2.446	0.0014	-2.5 to 2.5	Pass
					8.28	1.774	0.0010	-2.5 to 2.5	Pass
				-30	7.20	1.717	0.0010	-2.5 to 2.5	Pass
				-20	7.20	1.788	0.0010	-2.5 to 2.5	Pass
				-10	7.20	0.744	0.0004	-2.5 to 2.5	Pass
				0	7.20	1.302	0.0008	-2.5 to 2.5	Pass
				10	7.20	1.173	0.0007	-2.5 to 2.5	Pass
				30	7.20	1.945	0.0011	-2.5 to 2.5	Pass
				40	7.20	1.645	0.0009	-2.5 to 2.5	Pass
	50	7.20	1.073	0.0006	-2.5 to 2.5	Pass			
	1745	100	0	20	6.12	-2.532	-0.0015	-2.5 to 2.5	Pass
					7.20	-3.462	-0.0020	-2.5 to 2.5	Pass
					8.28	-3.204	-0.0018	-2.5 to 2.5	Pass
				-30	7.20	-1.574	-0.0009	-2.5 to 2.5	Pass
				-20	7.20	-3.376	-0.0019	-2.5 to 2.5	Pass
				-10	7.20	-3.719	-0.0021	-2.5 to 2.5	Pass
				0	7.20	-3.920	-0.0022	-2.5 to 2.5	Pass
				10	7.20	-2.160	-0.0012	-2.5 to 2.5	Pass
30				7.20	-3.161	-0.0018	-2.5 to 2.5	Pass	
40				7.20	-3.505	-0.0020	-2.5 to 2.5	Pass	
50	7.20	-3.018	-0.0017	-2.5 to 2.5	Pass				
16QAM	1720	100	0	20	6.12	2.375	0.0014	-2.5 to 2.5	Pass
					7.20	1.502	0.0009	-2.5 to 2.5	Pass
					8.28	1.216	0.0007	-2.5 to 2.5	Pass
				-30	7.20	2.203	0.0013	-2.5 to 2.5	Pass
				-20	7.20	2.503	0.0015	-2.5 to 2.5	Pass
				-10	7.20	1.817	0.0011	-2.5 to 2.5	Pass
				0	7.20	1.888	0.0011	-2.5 to 2.5	Pass
				10	7.20	1.960	0.0011	-2.5 to 2.5	Pass
				30	7.20	1.731	0.0010	-2.5 to 2.5	Pass
				40	7.20	2.074	0.0012	-2.5 to 2.5	Pass
	50	7.20	0.944	0.0005	-2.5 to 2.5	Pass			
	1732.5	100	0	20	6.12	0.701	0.0004	-2.5 to 2.5	Pass
					7.20	1.259	0.0007	-2.5 to 2.5	Pass
					8.28	1.445	0.0008	-2.5 to 2.5	Pass
				-30	7.20	1.888	0.0011	-2.5 to 2.5	Pass
-20				7.20	1.645	0.0009	-2.5 to 2.5	Pass	
-10	7.20	0.901	0.0005	-2.5 to 2.5	Pass				

				0	7.20	0.830	0.0005	-2.5 to 2.5	Pass				
				10	7.20	1.016	0.0006	-2.5 to 2.5	Pass				
				30	7.20	1.302	0.0008	-2.5 to 2.5	Pass				
				40	7.20	0.887	0.0005	-2.5 to 2.5	Pass				
				50	7.20	1.130	0.0007	-2.5 to 2.5	Pass				
	1745	100	0	20	6.12	-2.618	-0.0015	-2.5 to 2.5	Pass				
					7.20	-3.433	-0.0020	-2.5 to 2.5	Pass				
					8.28	-2.990	-0.0017	-2.5 to 2.5	Pass				
				-30	7.20	-3.233	-0.0019	-2.5 to 2.5	Pass				
				-20	7.20	-2.303	-0.0013	-2.5 to 2.5	Pass				
				-10	7.20	-3.819	-0.0022	-2.5 to 2.5	Pass				
				0	7.20	-2.975	-0.0017	-2.5 to 2.5	Pass				
				10	7.20	-2.732	-0.0016	-2.5 to 2.5	Pass				
				30	7.20	-2.532	-0.0015	-2.5 to 2.5	Pass				
				40	7.20	-3.963	-0.0023	-2.5 to 2.5	Pass				
				50	7.20	-4.506	-0.0026	-2.5 to 2.5	Pass				
				64QAM	1720	100	0	20	6.12	0.486	0.0003	-2.5 to 2.5	Pass
									7.20	0.744	0.0004	-2.5 to 2.5	Pass
									8.28	1.788	0.0010	-2.5 to 2.5	Pass
								-30	7.20	2.117	0.0012	-2.5 to 2.5	Pass
-20	7.20	1.559	0.0009					-2.5 to 2.5	Pass				
-10	7.20	1.659	0.0010					-2.5 to 2.5	Pass				
0	7.20	1.202	0.0007					-2.5 to 2.5	Pass				
10	7.20	0.830	0.0005					-2.5 to 2.5	Pass				
30	7.20	1.602	0.0009					-2.5 to 2.5	Pass				
40	7.20	1.945	0.0011					-2.5 to 2.5	Pass				
50	7.20	1.988	0.0012		-2.5 to 2.5	Pass							
1732.5	100	0	20		6.12	1.159	0.0007	-2.5 to 2.5	Pass				
					7.20	-0.458	-0.0003	-2.5 to 2.5	Pass				
					8.28	0.930	0.0005	-2.5 to 2.5	Pass				
			-30		7.20	-0.300	-0.0002	-2.5 to 2.5	Pass				
			-20		7.20	0.572	0.0003	-2.5 to 2.5	Pass				
			-10		7.20	-0.129	-0.0001	-2.5 to 2.5	Pass				
			0		7.20	0.086	0.0000	-2.5 to 2.5	Pass				
			10		7.20	-0.229	-0.0001	-2.5 to 2.5	Pass				
			30		7.20	0.057	0.0000	-2.5 to 2.5	Pass				
			40	7.20	1.073	0.0006	-2.5 to 2.5	Pass					
50	7.20	0.215	0.0001	-2.5 to 2.5	Pass								
1745	100	0	20	6.12	-3.004	-0.0017	-2.5 to 2.5	Pass					
				7.20	-2.718	-0.0016	-2.5 to 2.5	Pass					
				8.28	-3.834	-0.0022	-2.5 to 2.5	Pass					
			-30	7.20	-3.948	-0.0023	-2.5 to 2.5	Pass					
			-20	7.20	-4.091	-0.0023	-2.5 to 2.5	Pass					
			-10	7.20	-4.005	-0.0023	-2.5 to 2.5	Pass					
			0	7.20	-2.174	-0.0012	-2.5 to 2.5	Pass					
			10	7.20	-3.591	-0.0021	-2.5 to 2.5	Pass					
			30	7.20	-2.933	-0.0017	-2.5 to 2.5	Pass					
			40	7.20	-4.091	-0.0023	-2.5 to 2.5	Pass					
50	7.20	-3.705	-0.0021	-2.5 to 2.5	Pass								

3. 99% & 26dB Bandwidth

3.1 Band4_OBW

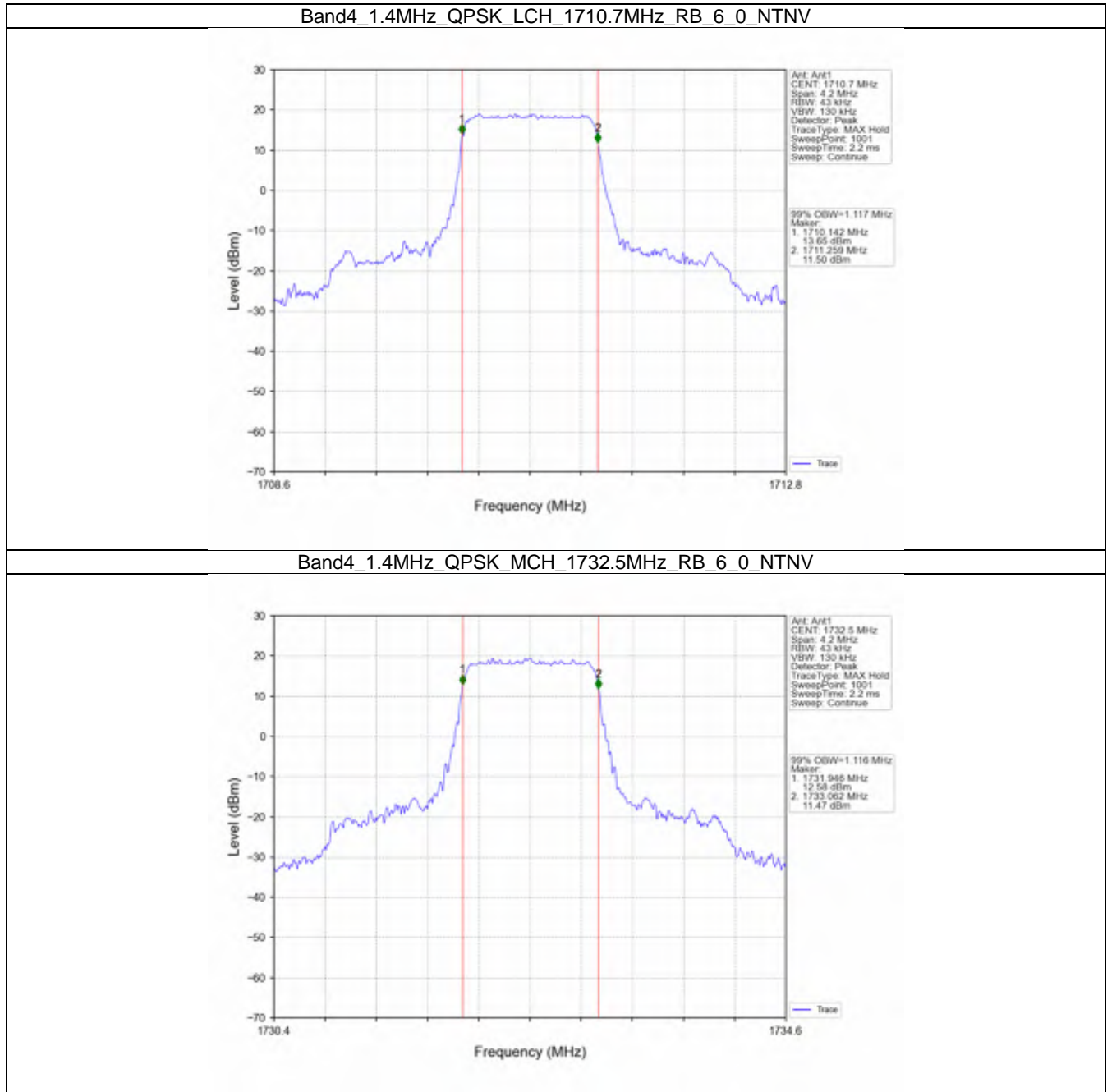
3.1.1 Test Result

Band: 4 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.117	/	Pass
		1732.5	6	0	1.116	/	Pass
		1754.3	6	0	1.120	/	Pass
	16QAM	1710.7	6	0	1.117	/	Pass
		1732.5	6	0	1.116	/	Pass
		1754.3	6	0	1.106	/	Pass
	64QAM	1710.7	6	0	1.111	/	Pass
		1732.5	6	0	1.120	/	Pass
		1754.3	6	0	1.105	/	Pass
3	QPSK	1711.5	15	0	2.738	/	Pass
		1732.5	15	0	2.748	/	Pass
		1753.5	15	0	2.745	/	Pass
	16QAM	1711.5	15	0	2.753	/	Pass
		1732.5	15	0	2.734	/	Pass
		1753.5	15	0	2.734	/	Pass
	64QAM	1711.5	15	0	2.751	/	Pass
		1732.5	15	0	2.727	/	Pass
		1753.5	15	0	2.732	/	Pass
5	QPSK	1712.5	25	0	4.542	/	Pass
		1732.5	25	0	4.547	/	Pass
		1752.5	25	0	4.543	/	Pass
	16QAM	1712.5	25	0	4.541	/	Pass
		1732.5	25	0	4.530	/	Pass
		1752.5	25	0	4.566	/	Pass
	64QAM	1712.5	25	0	4.543	/	Pass
		1732.5	25	0	4.524	/	Pass
		1752.5	25	0	4.553	/	Pass
10	QPSK	1715	50	0	9.032	/	Pass
		1732.5	50	0	9.008	/	Pass
		1750	50	0	9.032	/	Pass
	16QAM	1715	50	0	9.070	/	Pass
		1732.5	50	0	9.030	/	Pass
		1750	50	0	9.048	/	Pass
	64QAM	1715	50	0	9.041	/	Pass
		1732.5	50	0	9.023	/	Pass
		1750	50	0	9.049	/	Pass
15	QPSK	1717.5	75	0	13.525	/	Pass
		1732.5	75	0	13.461	/	Pass
		1747.5	75	0	13.539	/	Pass
	16QAM	1717.5	75	0	13.506	/	Pass
		1732.5	75	0	13.489	/	Pass
		1747.5	75	0	13.591	/	Pass
	64QAM	1717.5	75	0	13.504	/	Pass
		1732.5	75	0	13.478	/	Pass
		1747.5	75	0	13.598	/	Pass
20	QPSK	1720	100	0	18.065	/	Pass
		1732.5	100	0	17.930	/	Pass

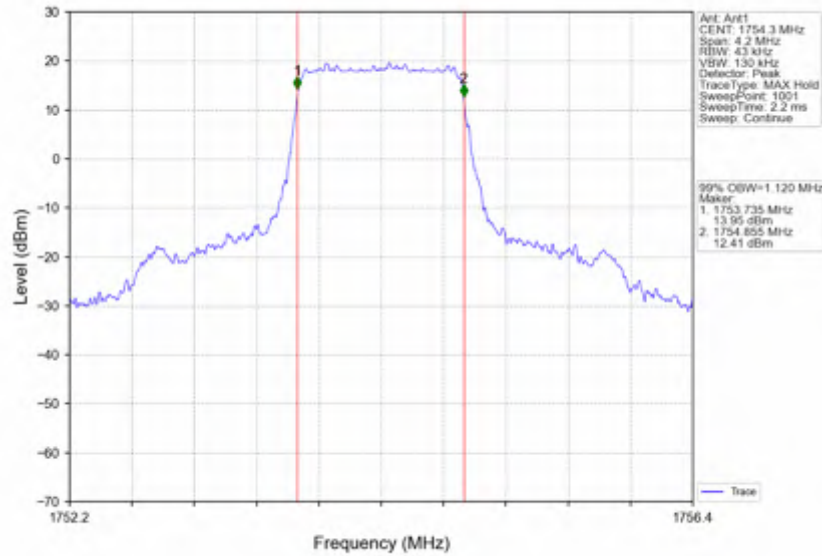


		1745	100	0	18.065	/	Pass
	16QAM	1720	100	0	18.076	/	Pass
		1732.5	100	0	17.993	/	Pass
		1745	100	0	18.053	/	Pass
	64QAM	1720	100	0	18.060	/	Pass
		1732.5	100	0	18.029	/	Pass
		1745	100	0	18.027	/	Pass

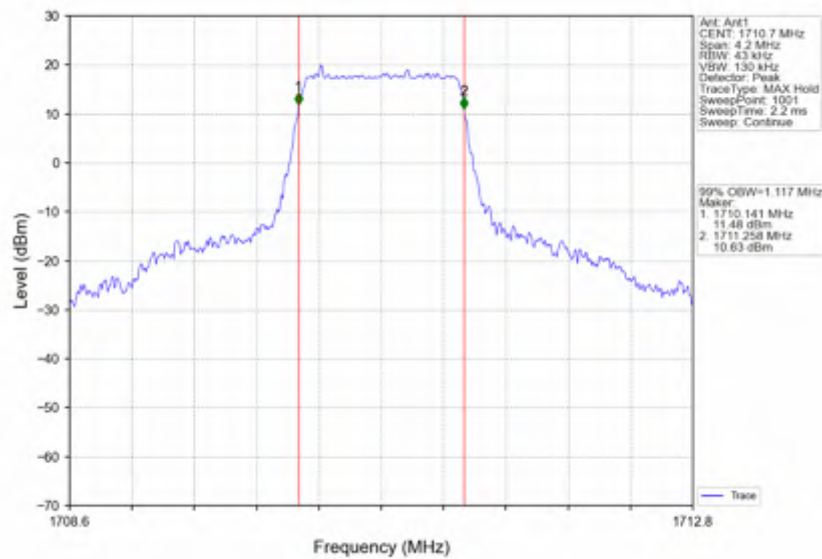
3.1.2 Test Graph



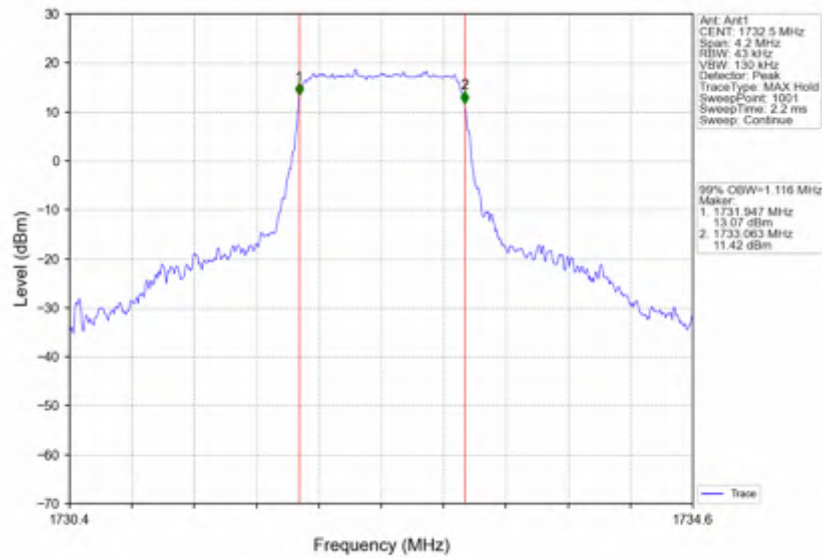
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



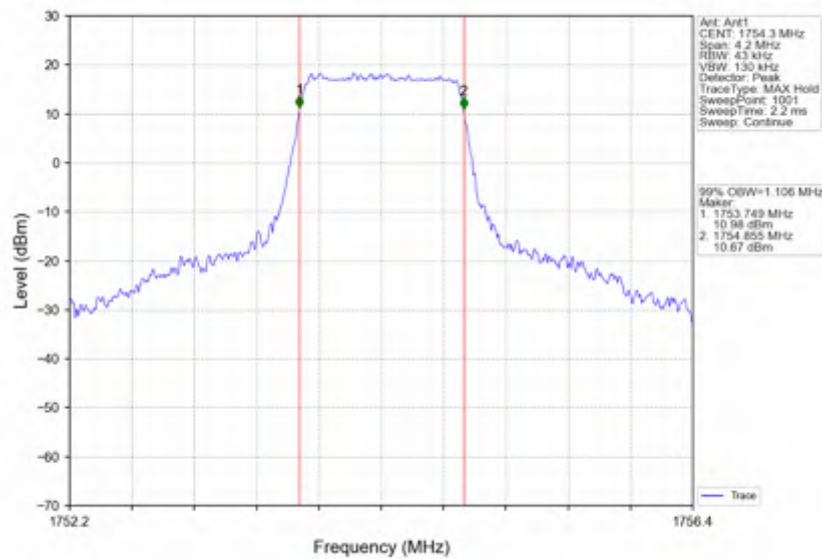
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



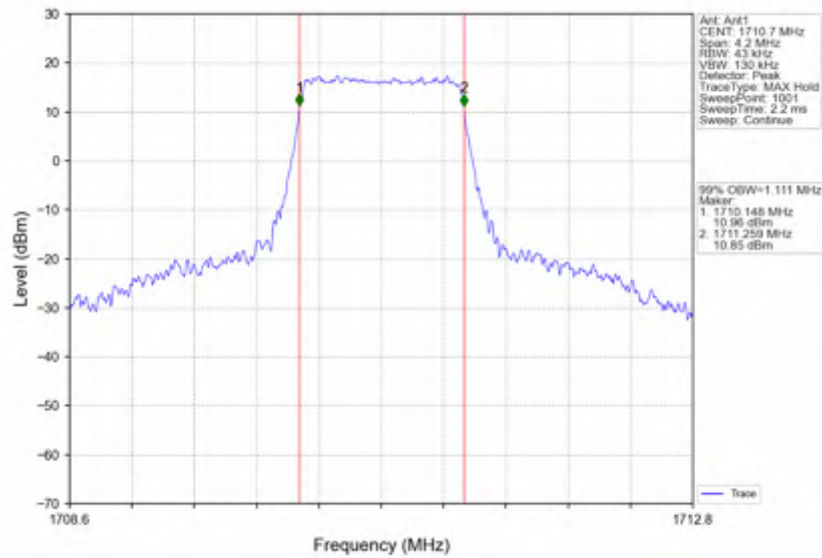
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



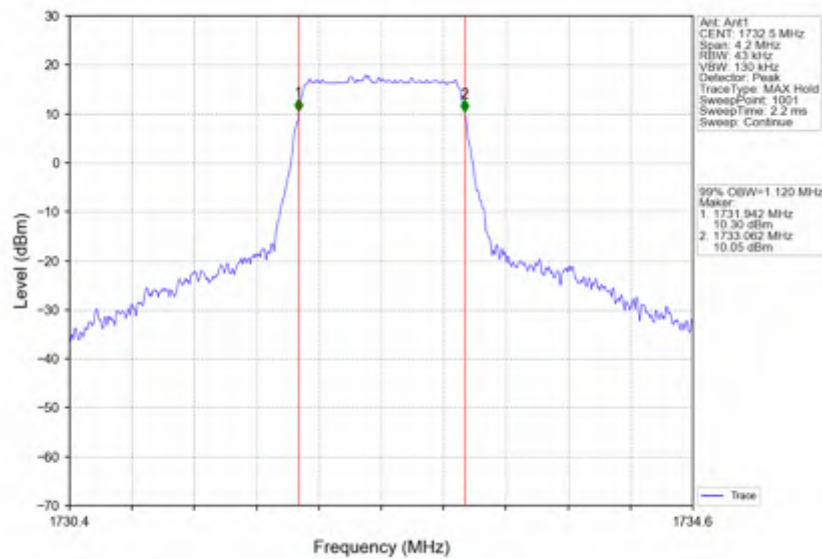
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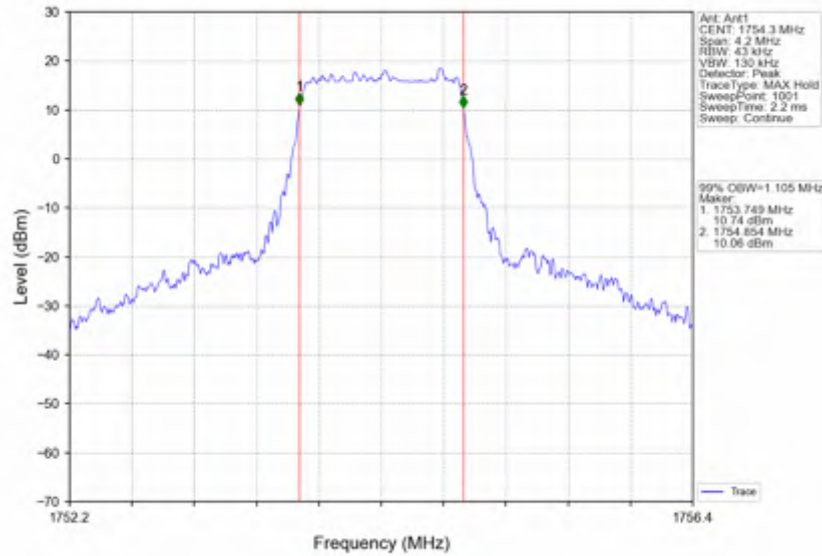
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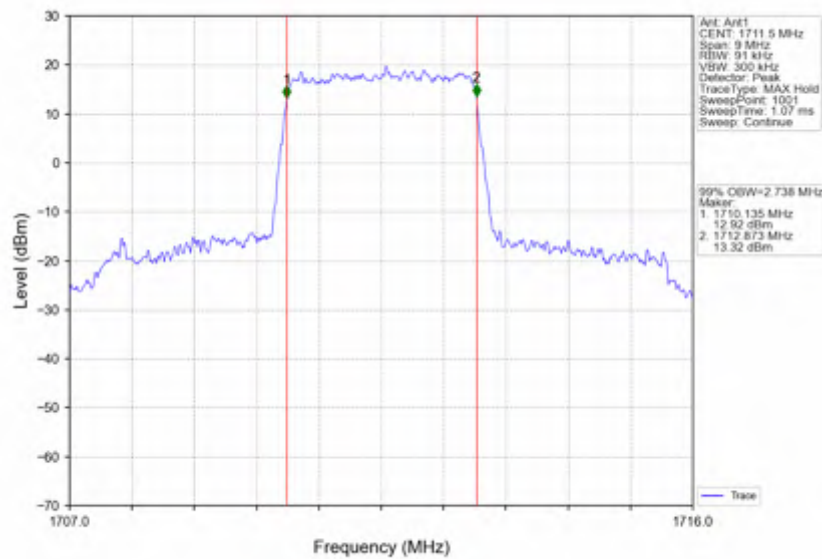
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV



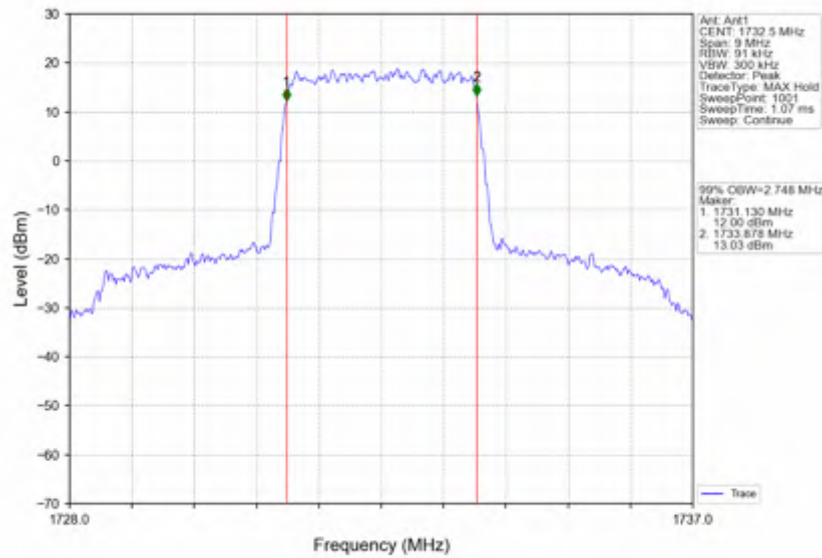
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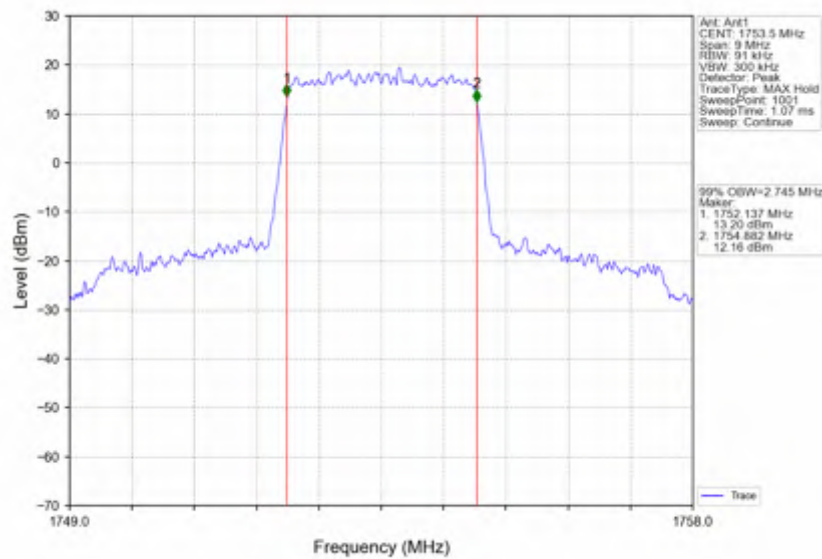
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



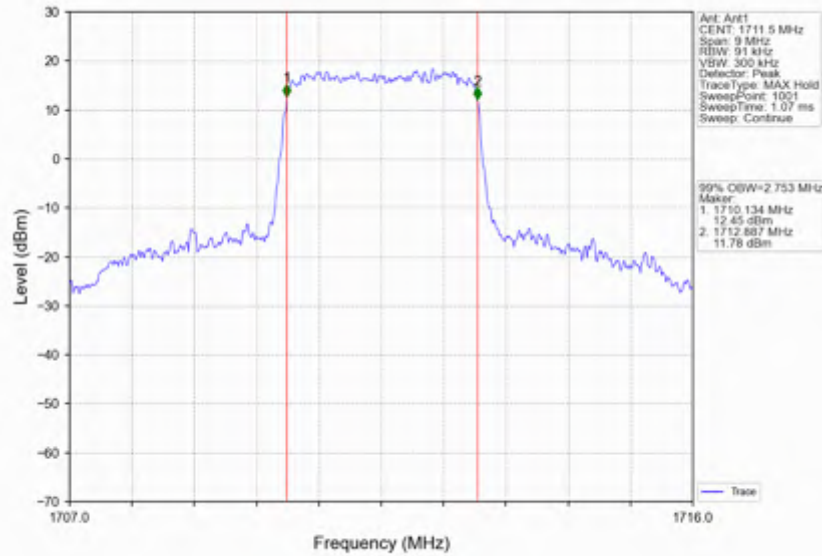
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



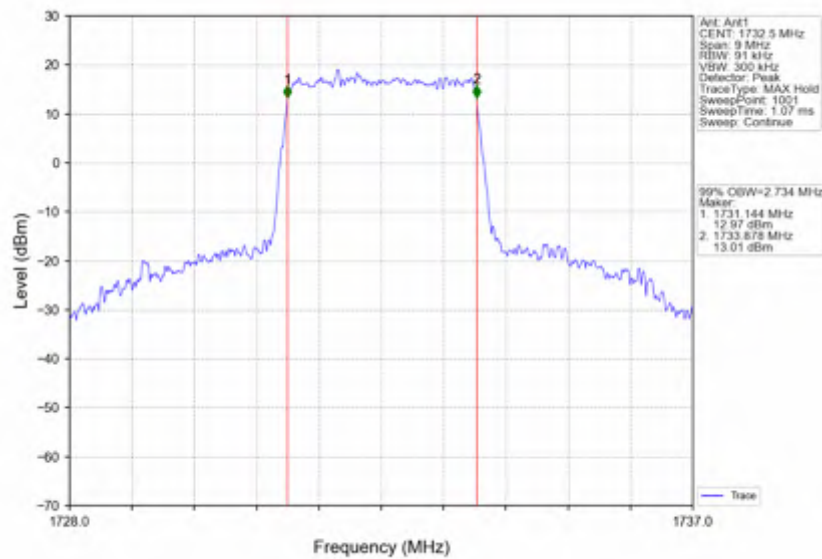
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



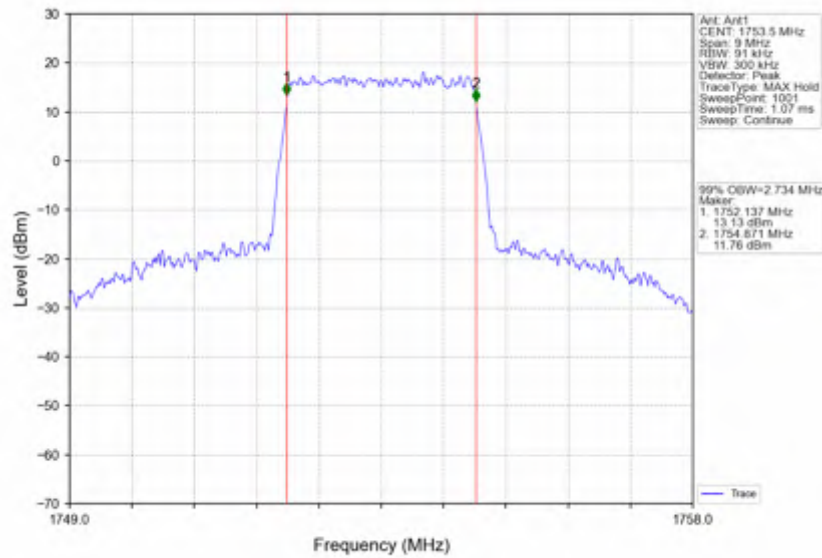
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



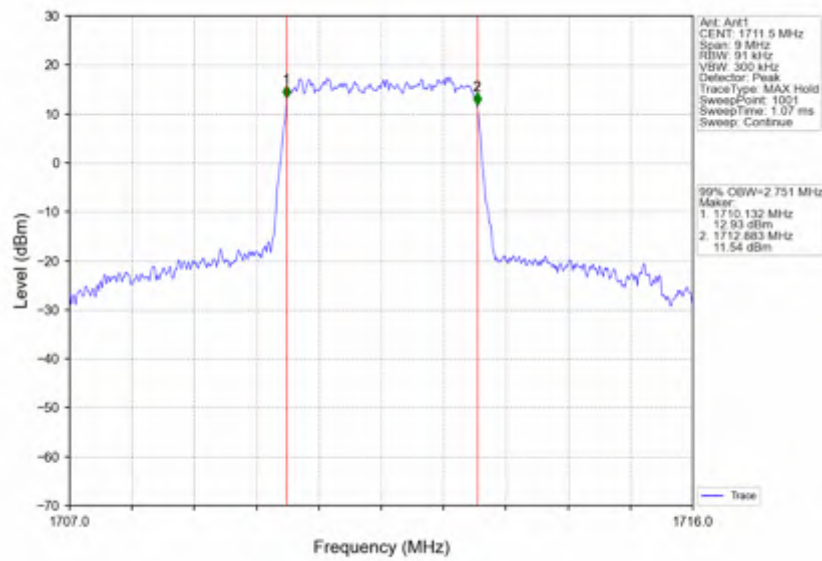
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



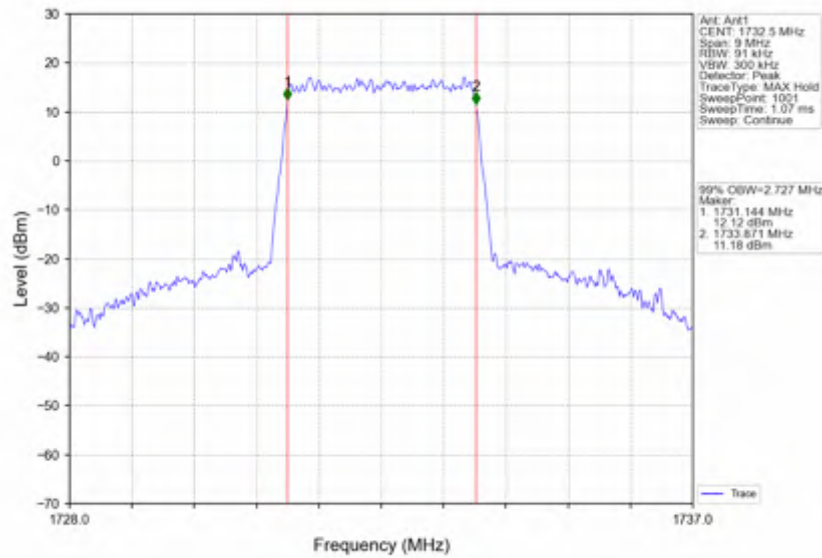
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



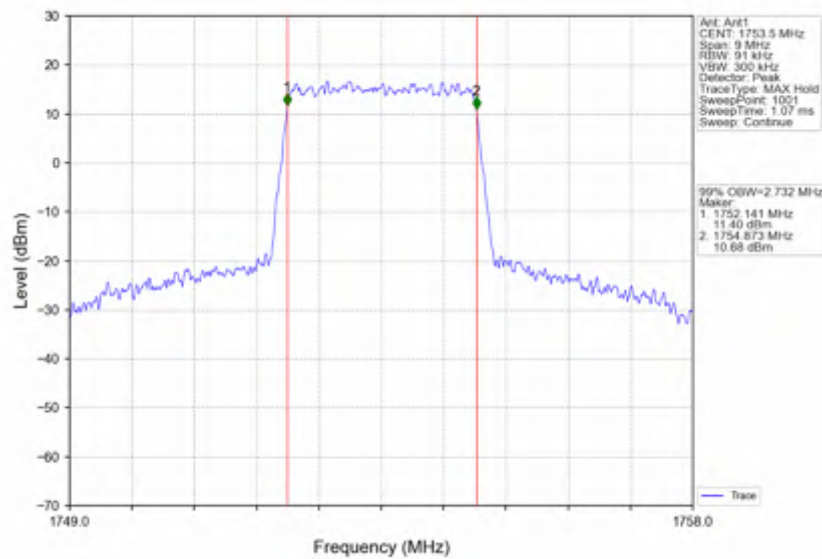
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



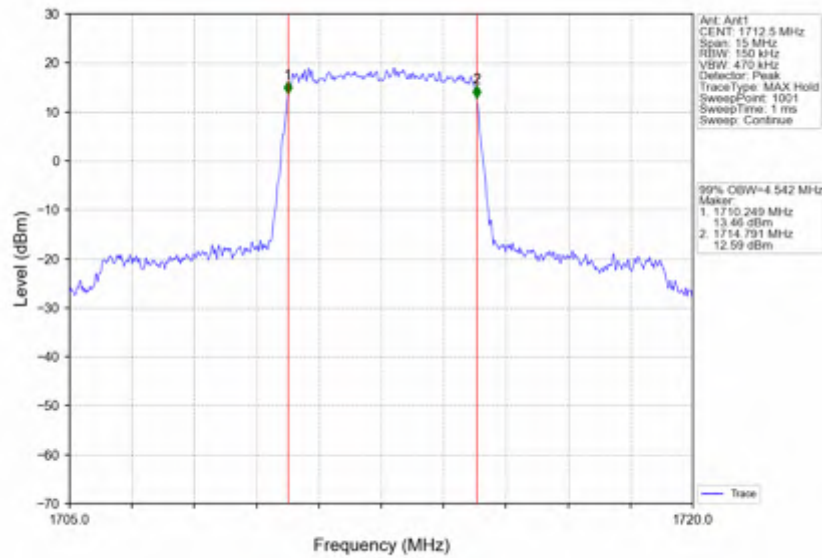
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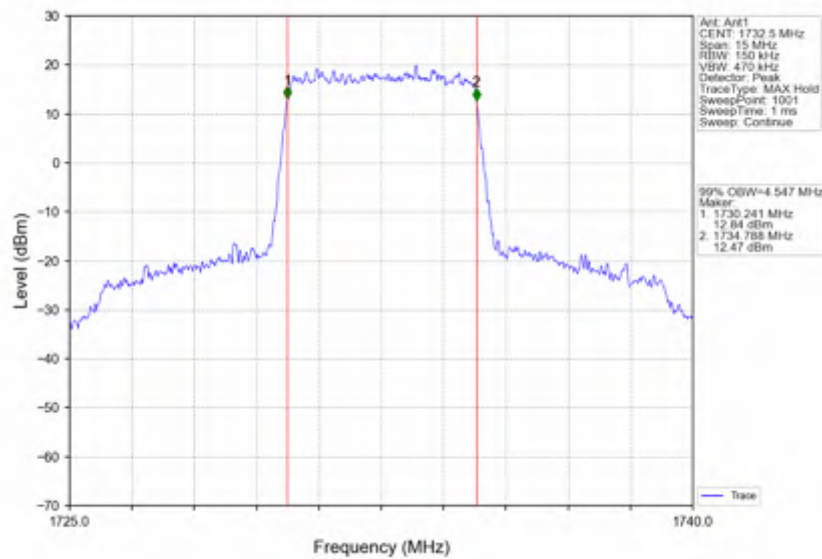
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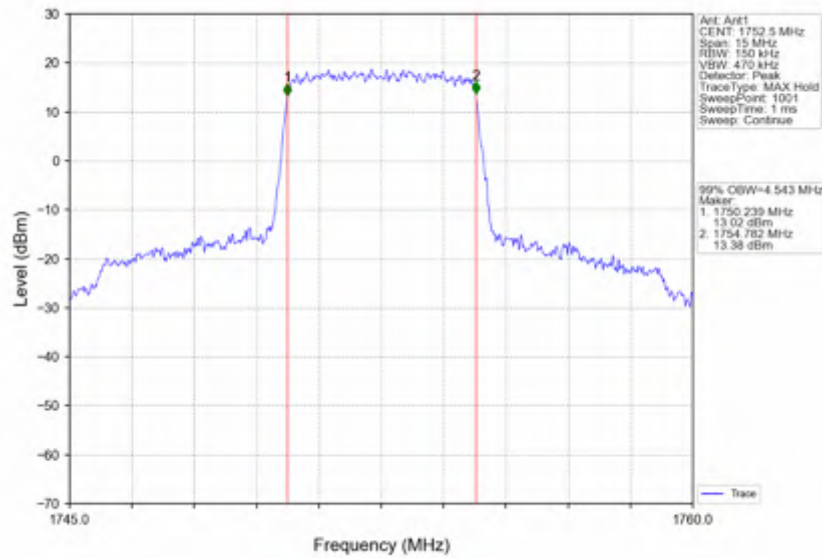
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



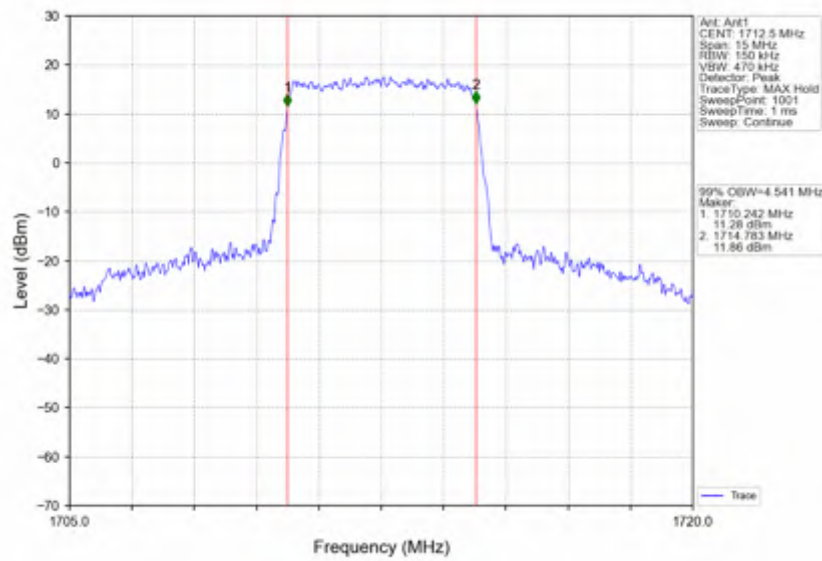
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



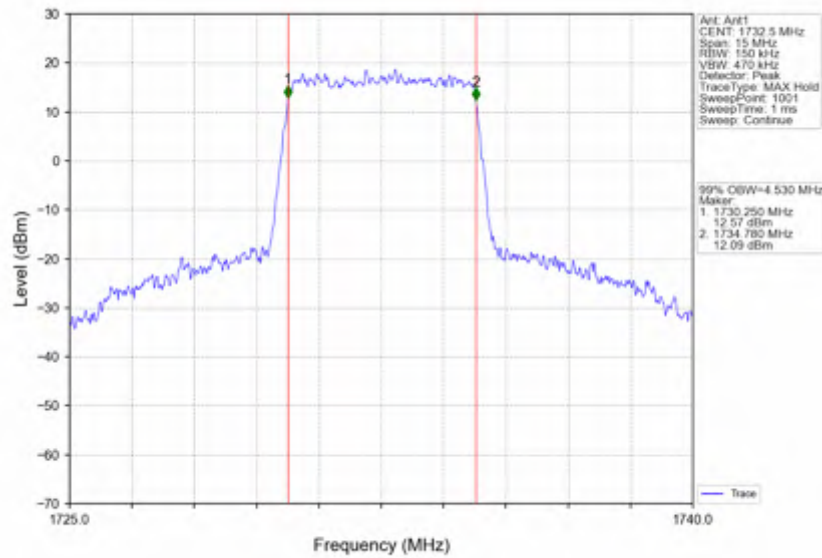
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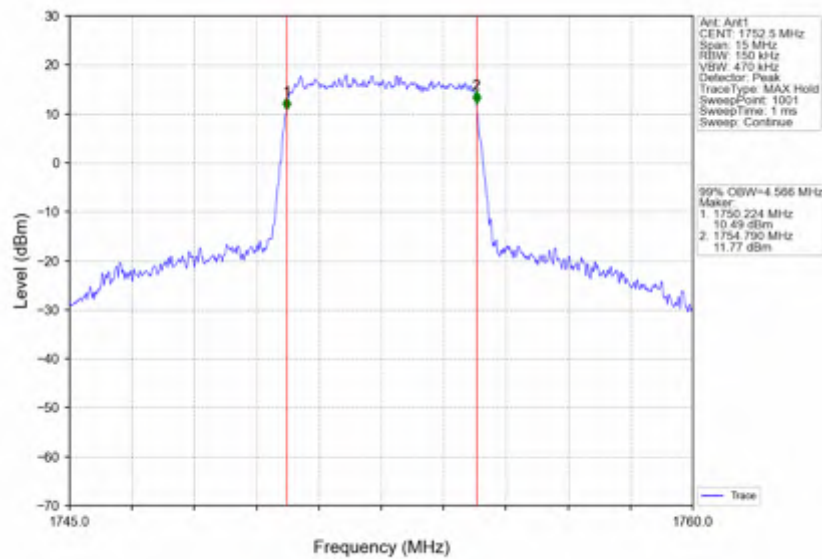
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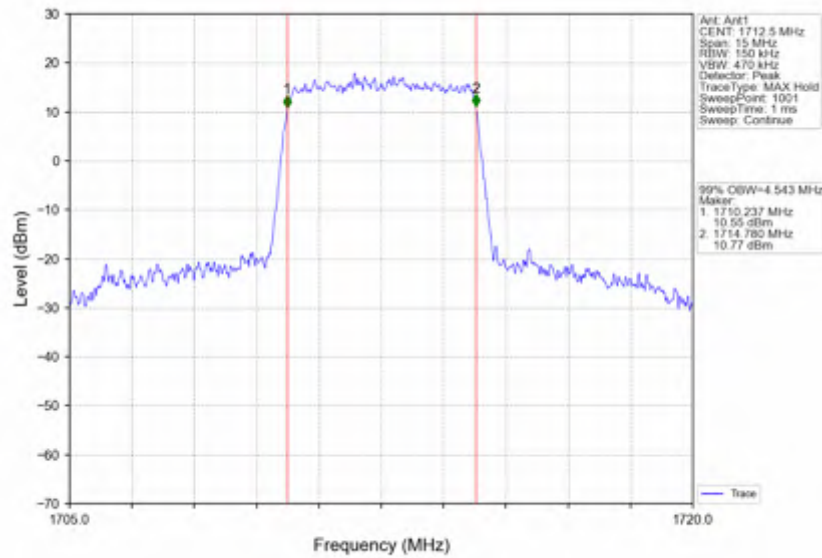
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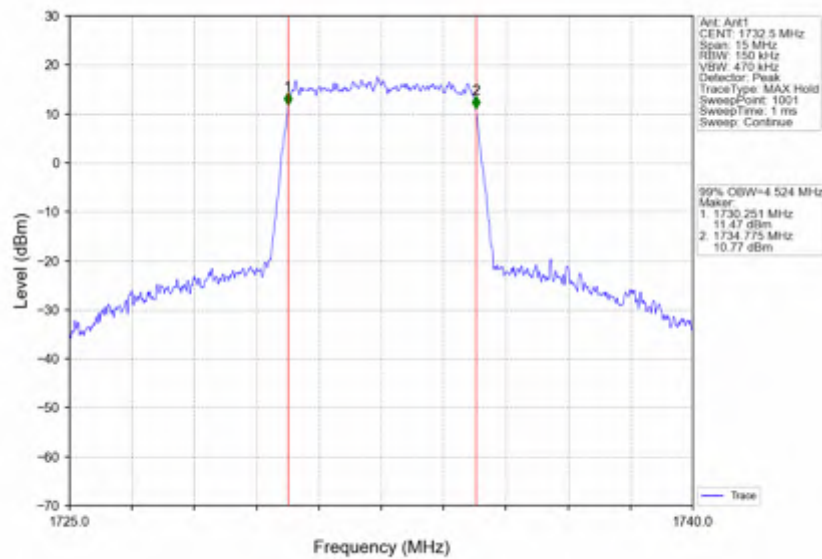
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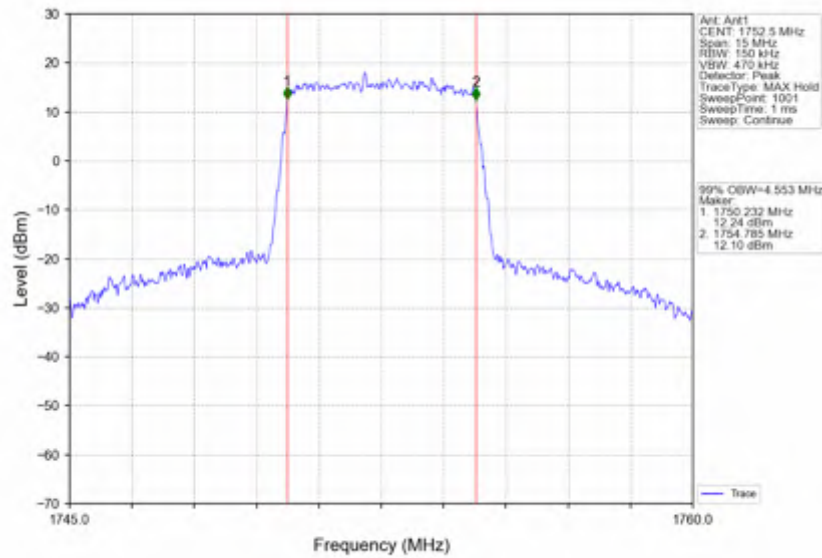
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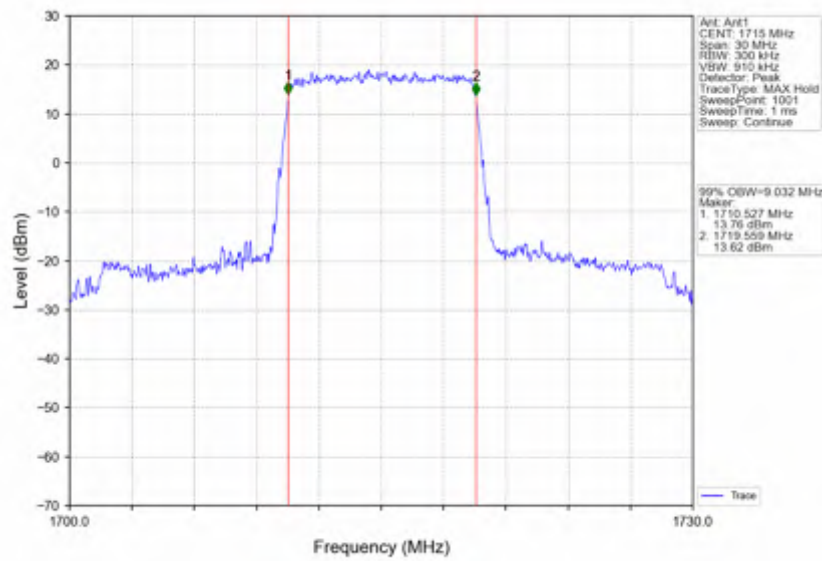
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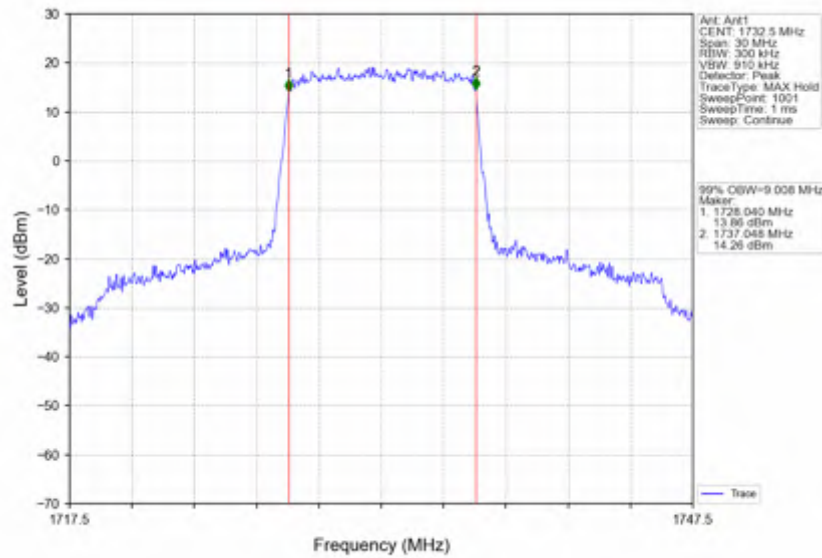
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV



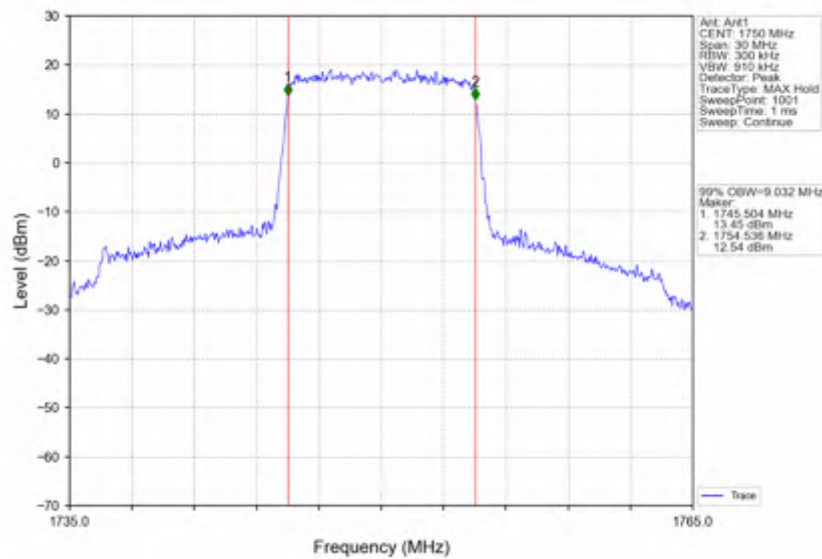
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



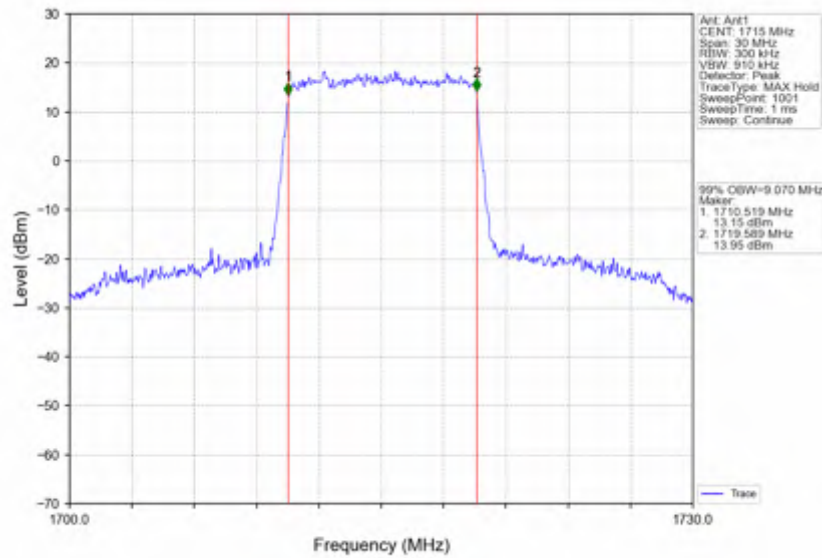
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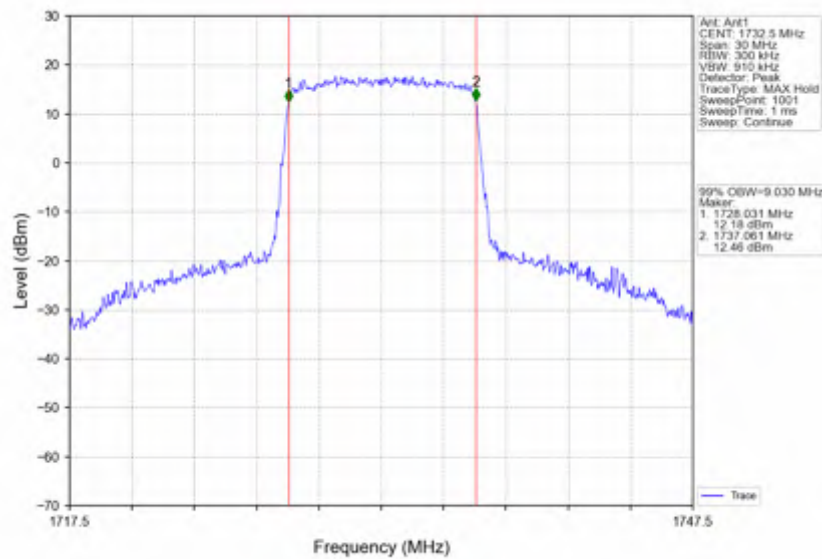
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



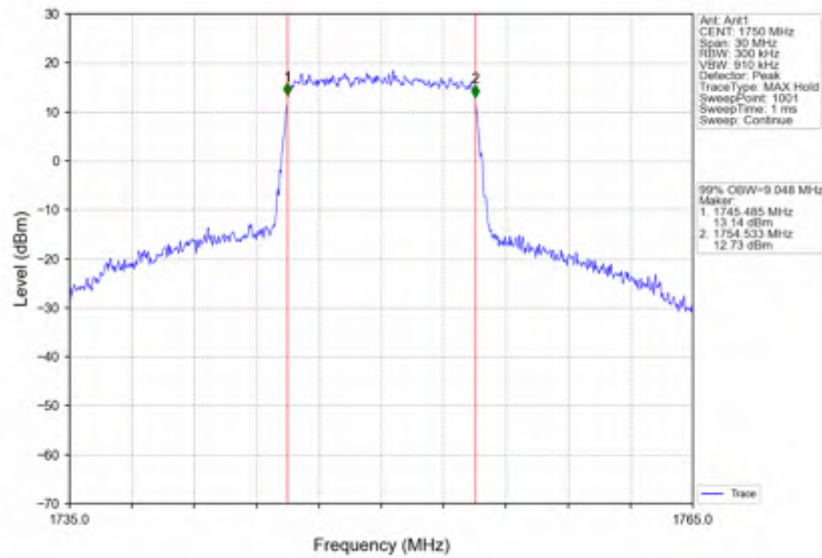
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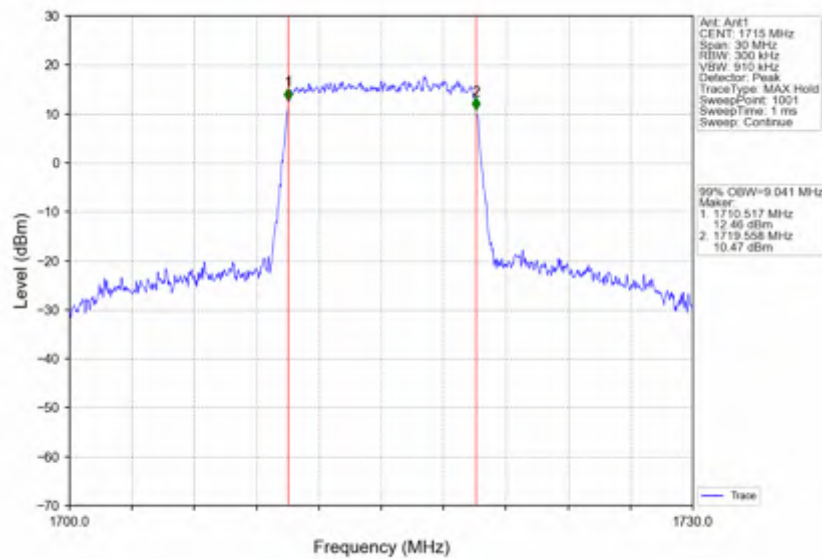
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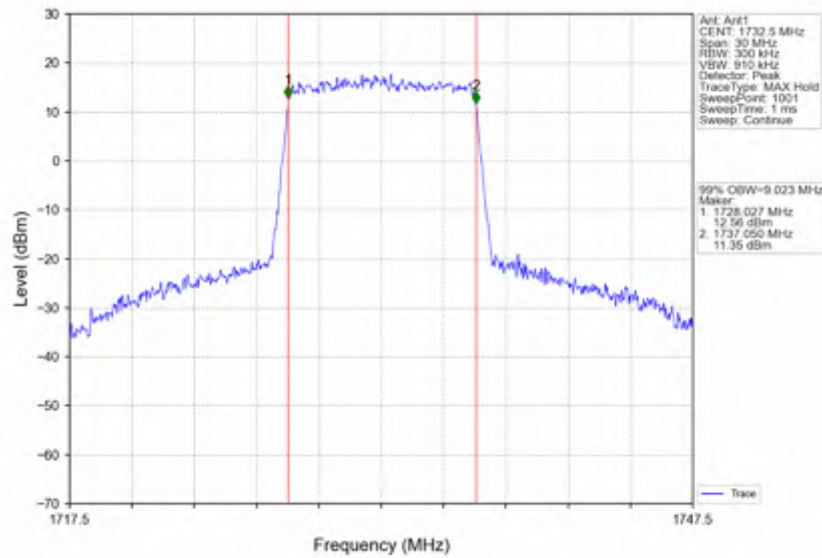
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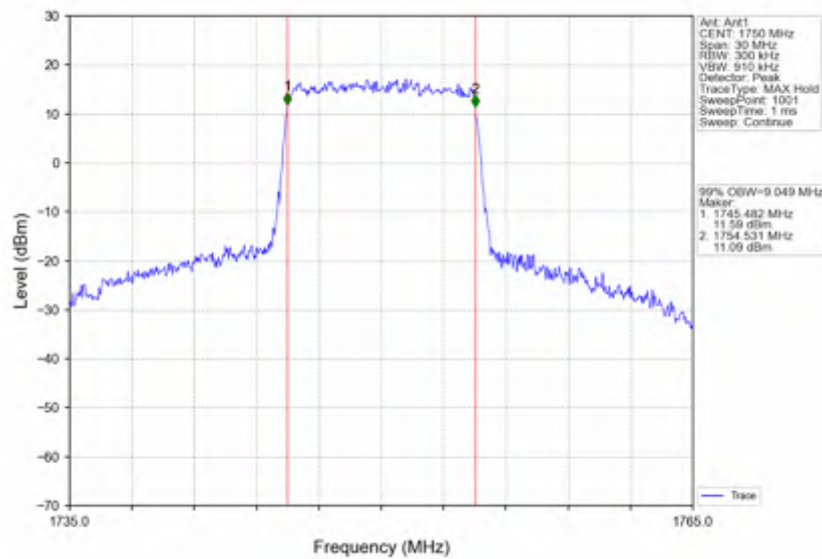
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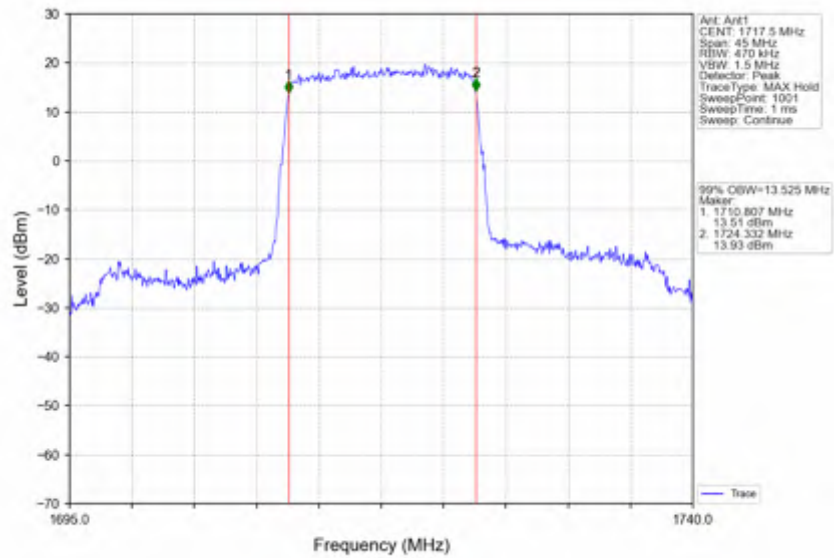
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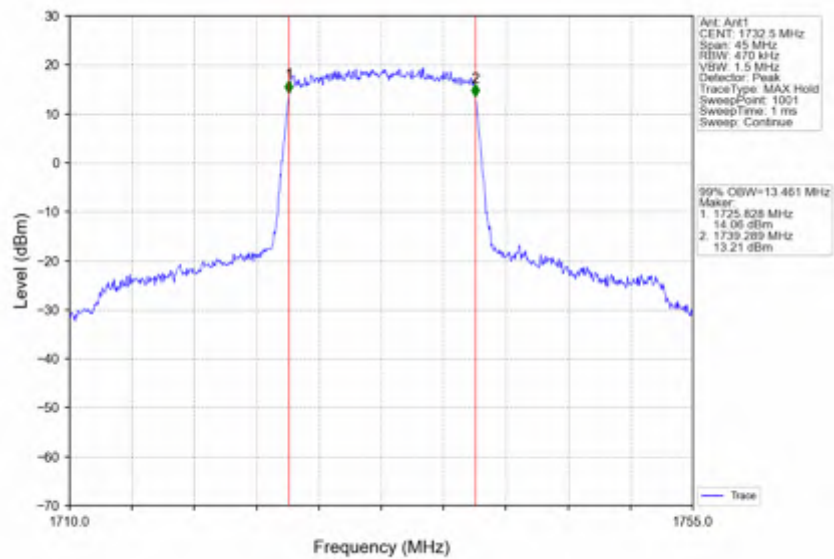
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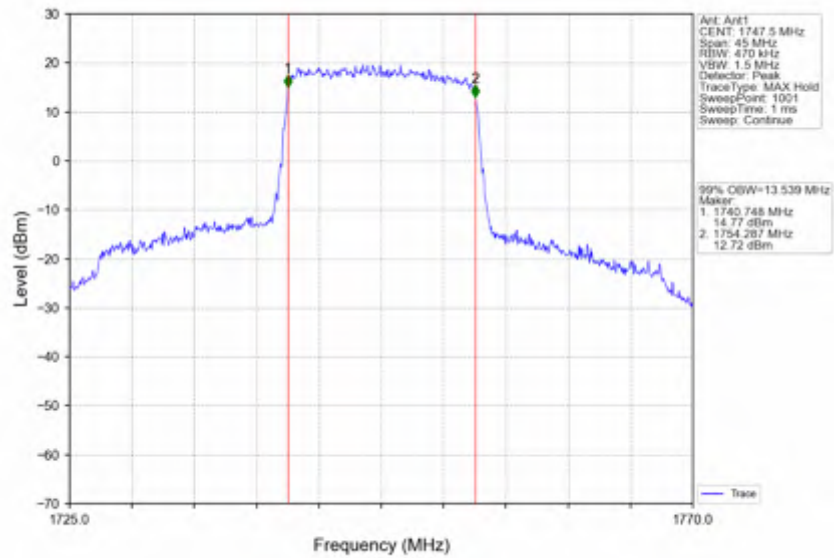
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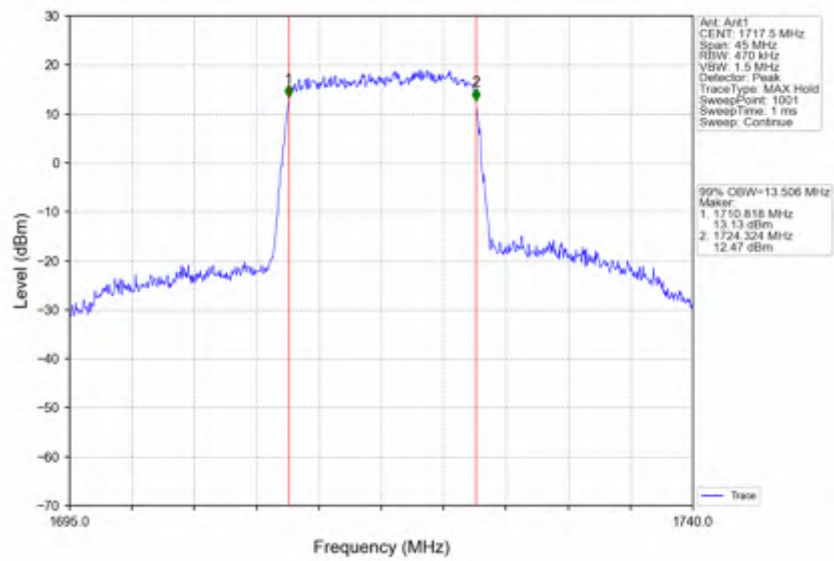
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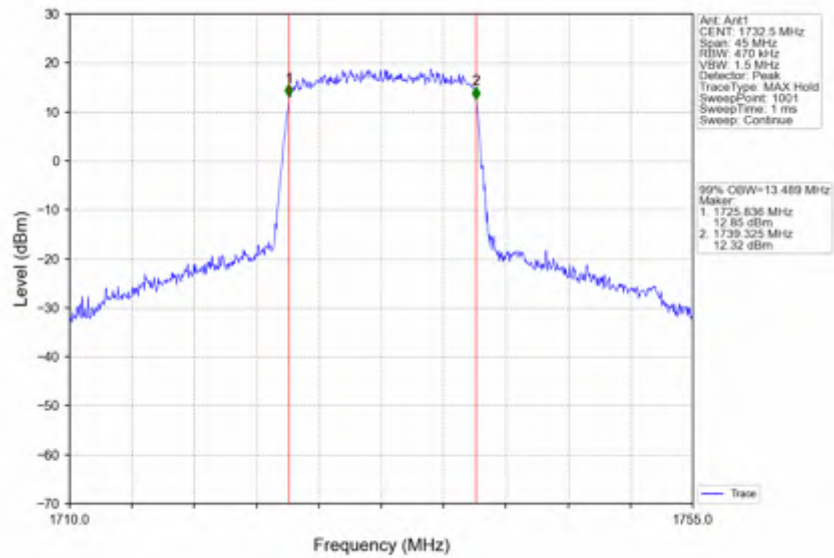
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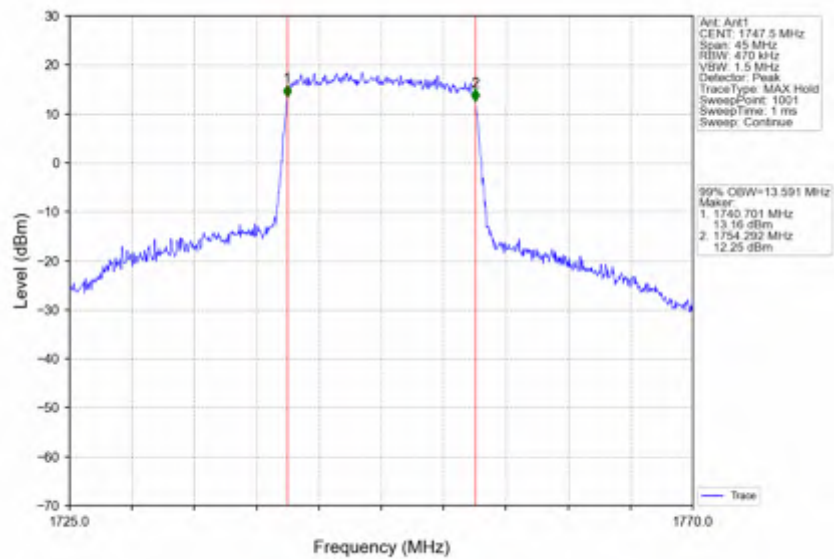
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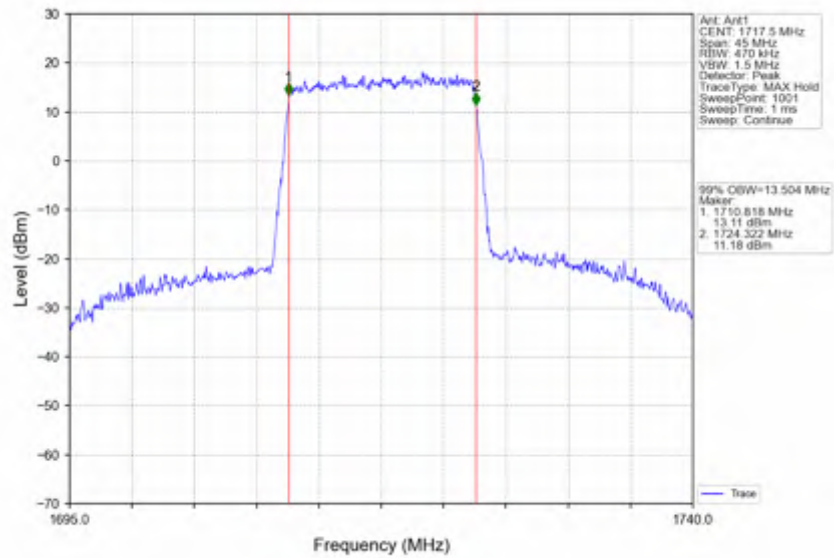
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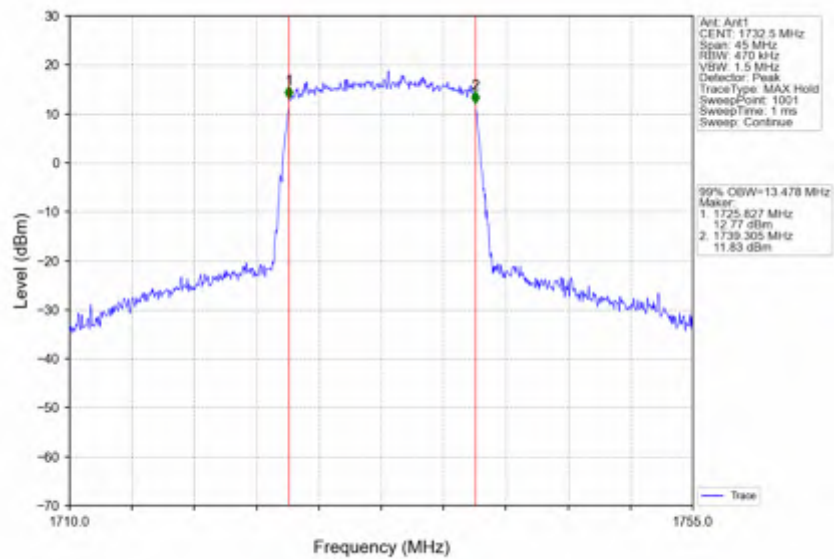
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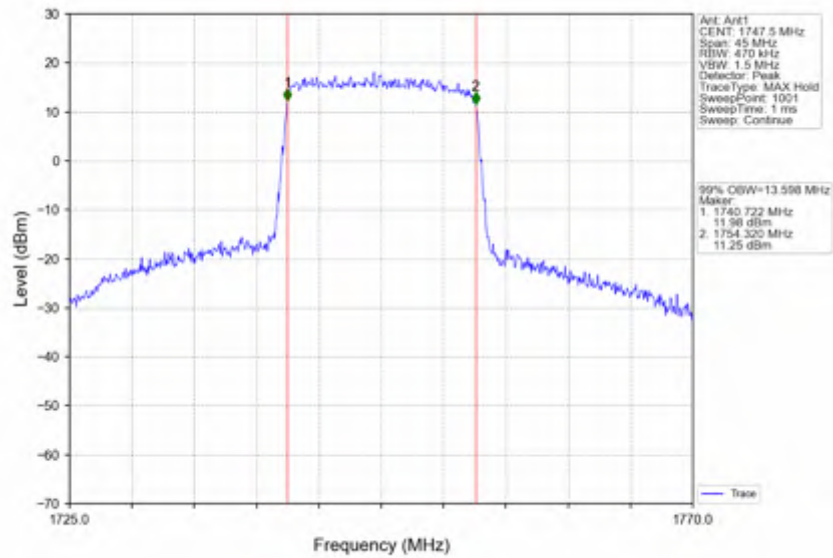
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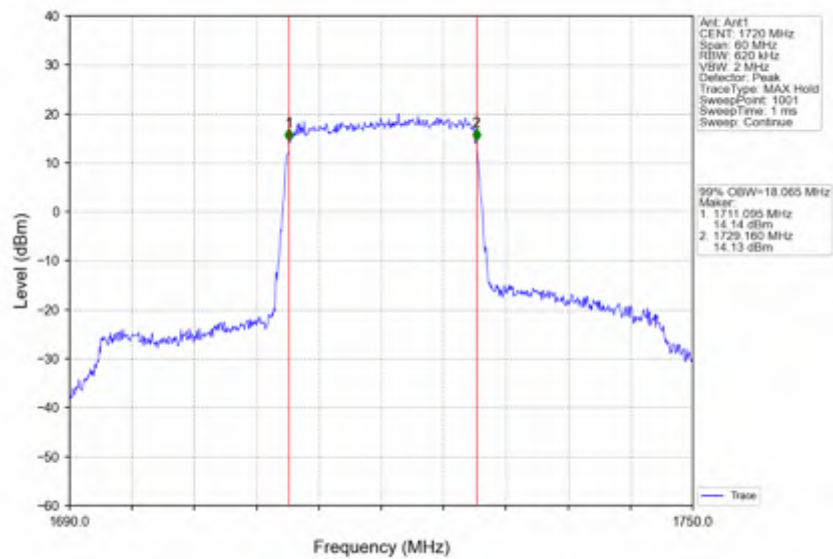
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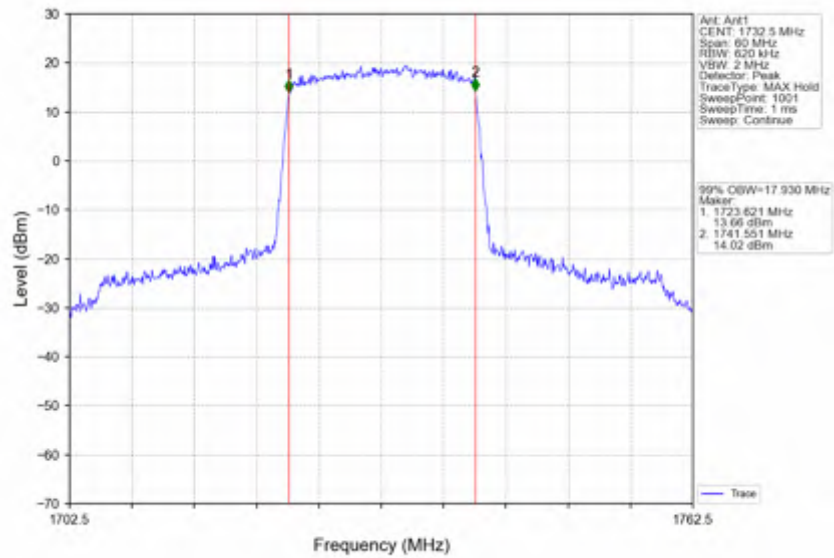
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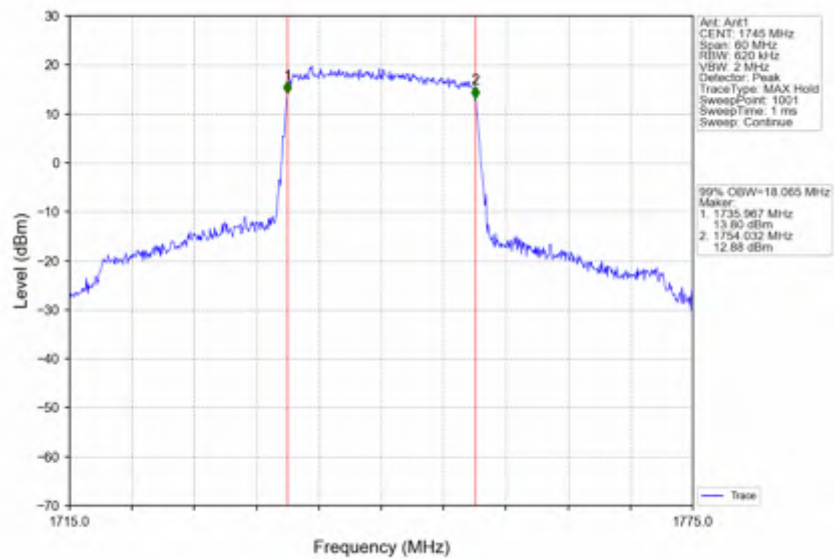
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



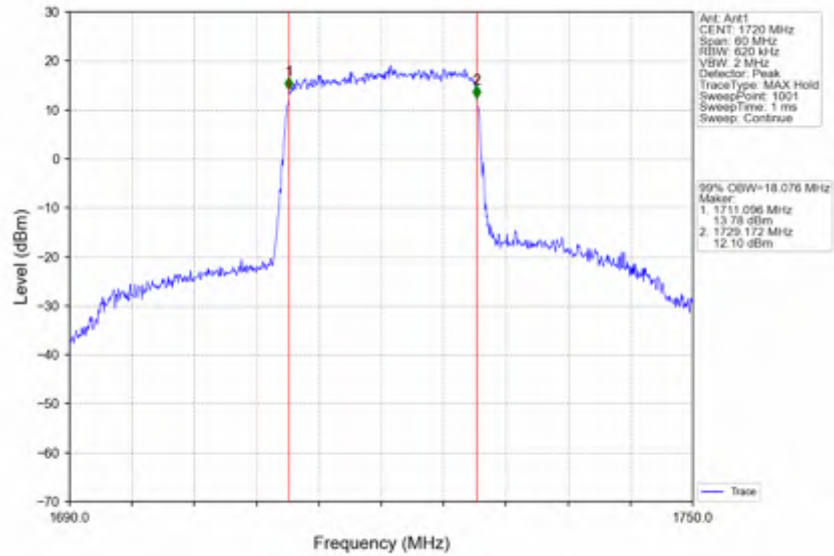
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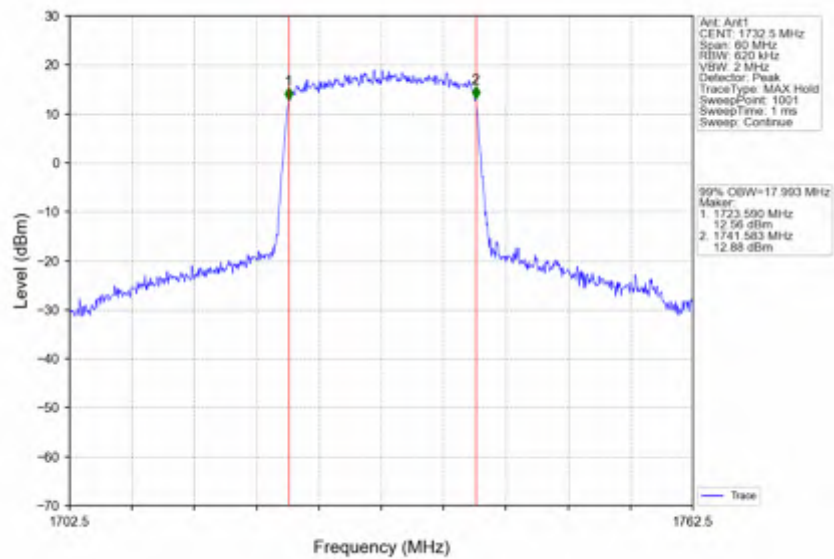
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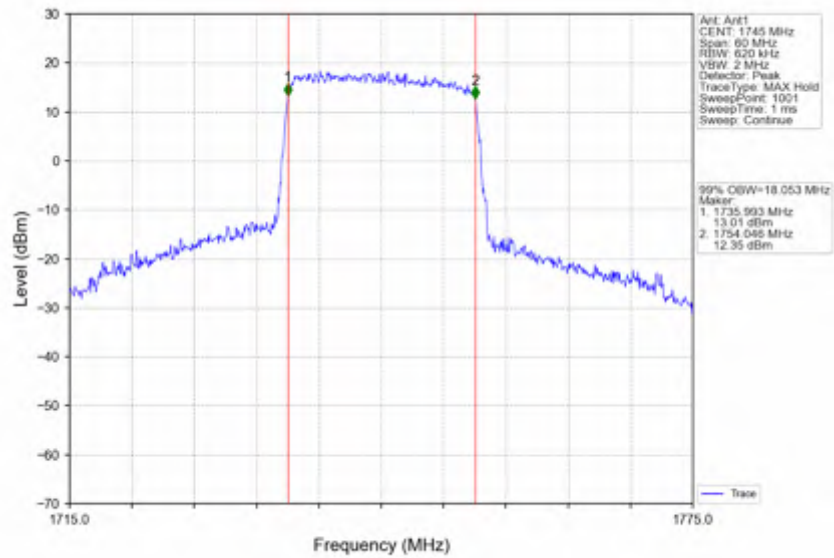
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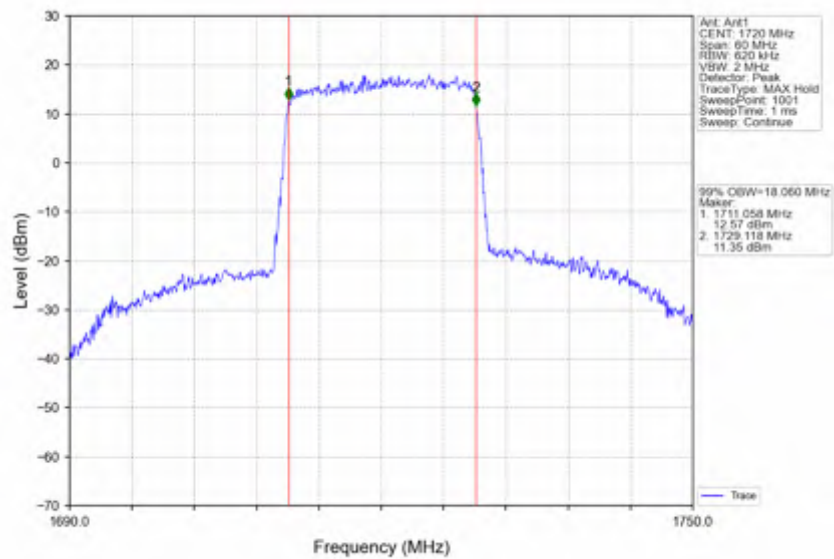
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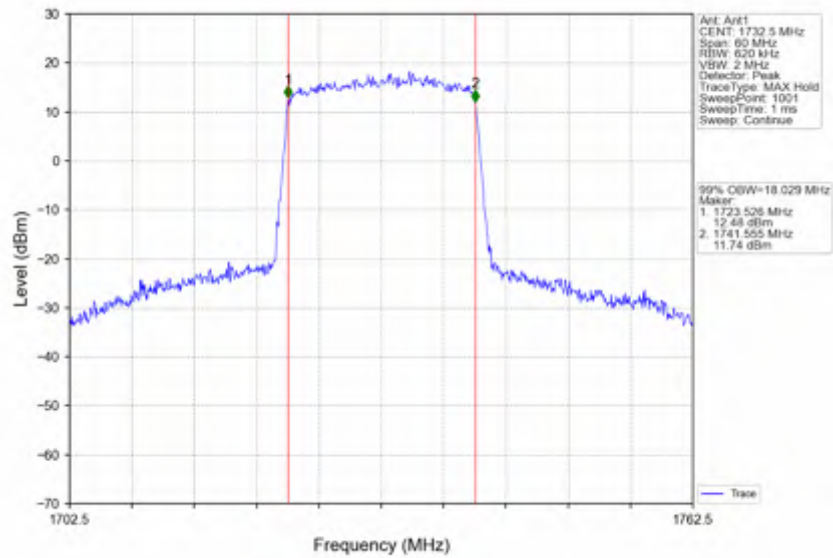
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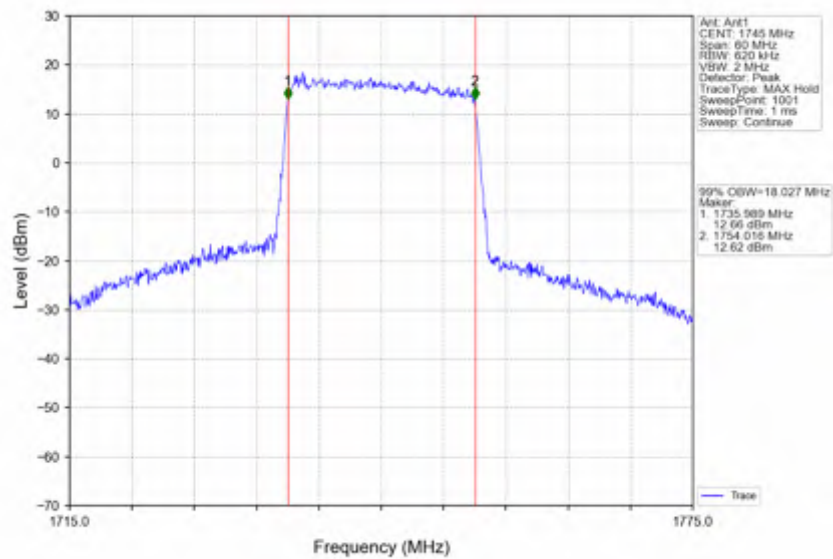
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Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV



4 Band4_XDB

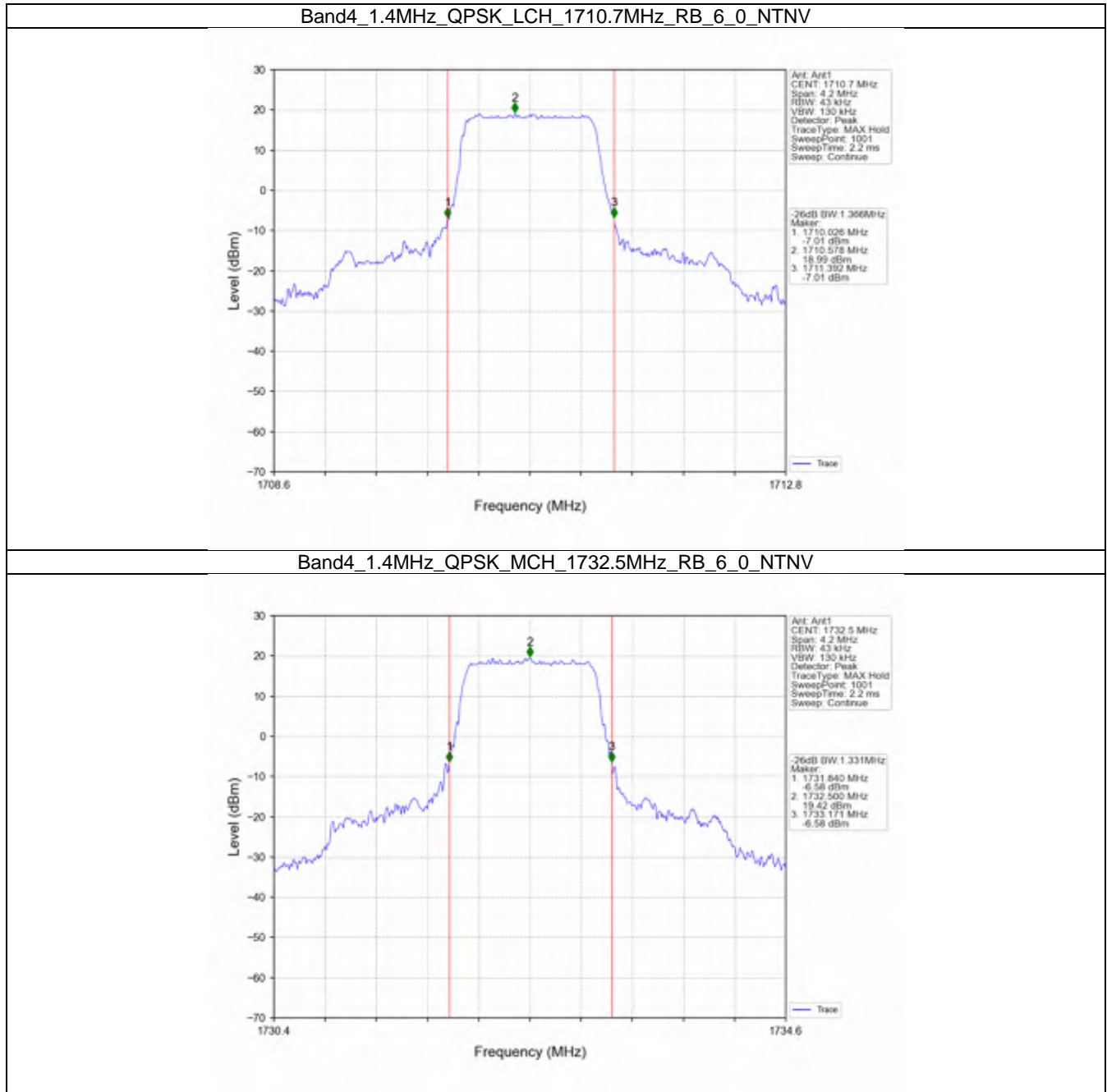
4.1.1 Test Result

Band: 4 / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.366	/	Pass
		1732.5	6	0	1.331	/	Pass
		1754.3	6	0	1.339	/	Pass
	16QAM	1710.7	6	0	1.323	/	Pass
		1732.5	6	0	1.316	/	Pass
		1754.3	6	0	1.316	/	Pass
	64QAM	1710.7	6	0	1.337	/	Pass
		1732.5	6	0	1.342	/	Pass
		1754.3	6	0	1.337	/	Pass
3	QPSK	1711.5	15	0	3.064	/	Pass
		1732.5	15	0	3.077	/	Pass
		1753.5	15	0	3.057	/	Pass
	16QAM	1711.5	15	0	3.046	/	Pass
		1732.5	15	0	3.038	/	Pass
		1753.5	15	0	3.068	/	Pass
	64QAM	1711.5	15	0	3.036	/	Pass
		1732.5	15	0	3.046	/	Pass
		1753.5	15	0	3.057	/	Pass
5	QPSK	1712.5	25	0	5.044	/	Pass
		1732.5	25	0	5.034	/	Pass
		1752.5	25	0	5.082	/	Pass
	16QAM	1712.5	25	0	5.132	/	Pass
		1732.5	25	0	5.066	/	Pass
		1752.5	25	0	5.095	/	Pass
	64QAM	1712.5	25	0	5.048	/	Pass
		1732.5	25	0	5.065	/	Pass
		1752.5	25	0	5.102	/	Pass
10	QPSK	1715	50	0	10.148	/	Pass
		1732.5	50	0	9.985	/	Pass
		1750	50	0	9.996	/	Pass
	16QAM	1715	50	0	9.963	/	Pass
		1732.5	50	0	9.952	/	Pass
		1750	50	0	10.061	/	Pass
	64QAM	1715	50	0	10.007	/	Pass
		1732.5	50	0	9.948	/	Pass
		1750	50	0	9.968	/	Pass
15	QPSK	1717.5	75	0	14.916	/	Pass
		1732.5	75	0	14.950	/	Pass
		1747.5	75	0	14.918	/	Pass
	16QAM	1717.5	75	0	14.975	/	Pass
		1732.5	75	0	14.902	/	Pass
		1747.5	75	0	14.911	/	Pass
	64QAM	1717.5	75	0	14.932	/	Pass
		1732.5	75	0	14.904	/	Pass
		1747.5	75	0	14.989	/	Pass
20	QPSK	1720	100	0	19.654	/	Pass
		1732.5	100	0	19.643	/	Pass
		1745	100	0	19.790	/	Pass
	16QAM	1720	100	0	19.735	/	Pass
		1732.5	100	0	19.677	/	Pass

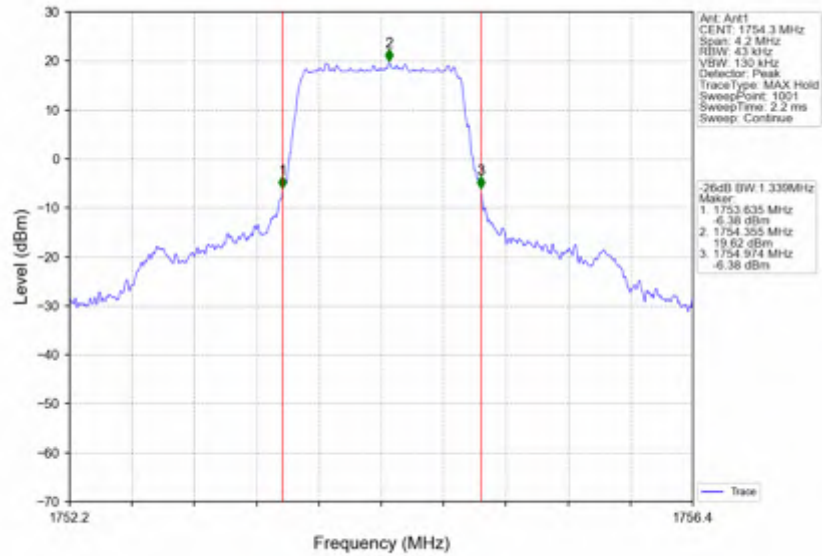


		1745	100	0	19.861	/	Pass
	64QAM	1720	100	0	19.756	/	Pass
		1732.5	100	0	19.595	/	Pass
		1745	100	0	19.657	/	Pass

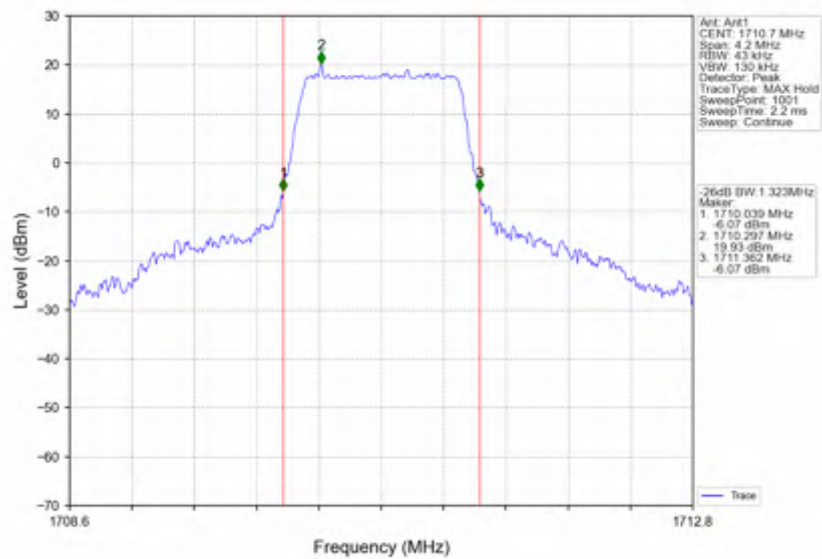
4.1.2 Test Graph



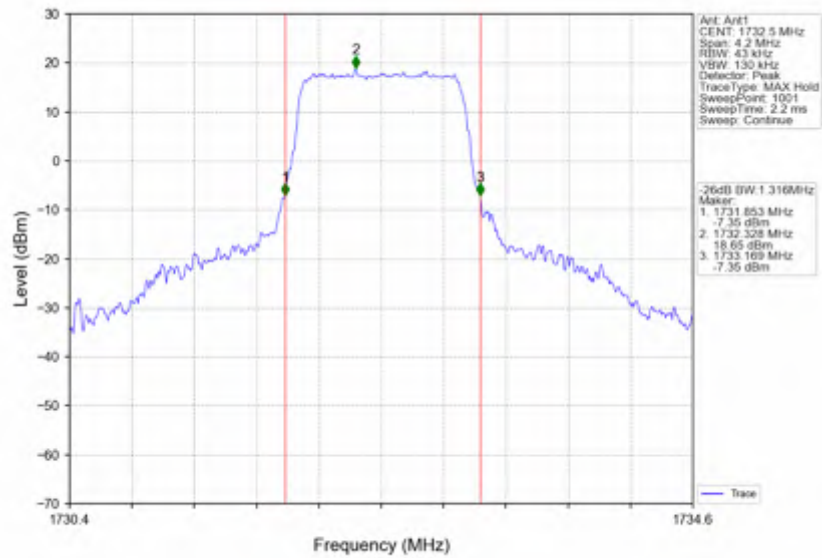
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



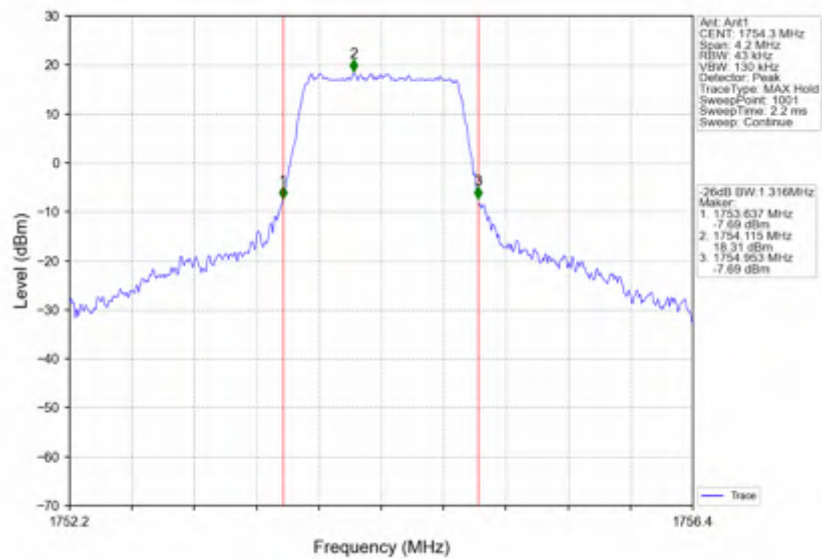
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



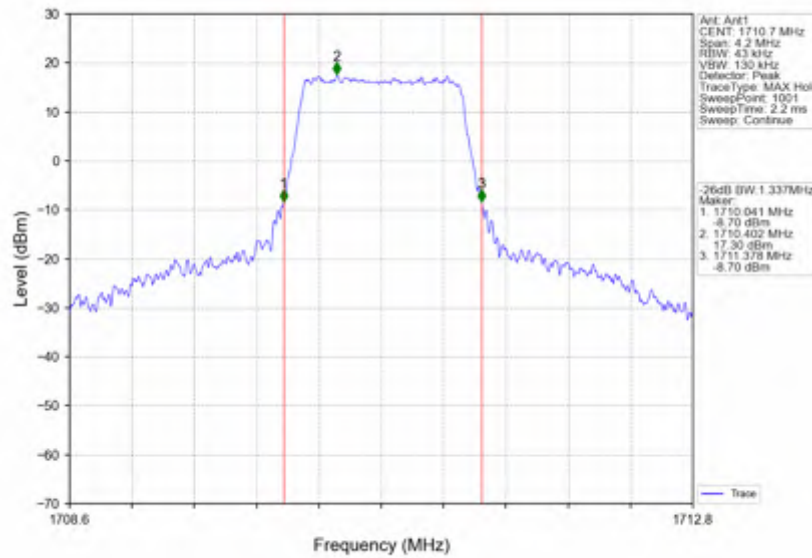
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



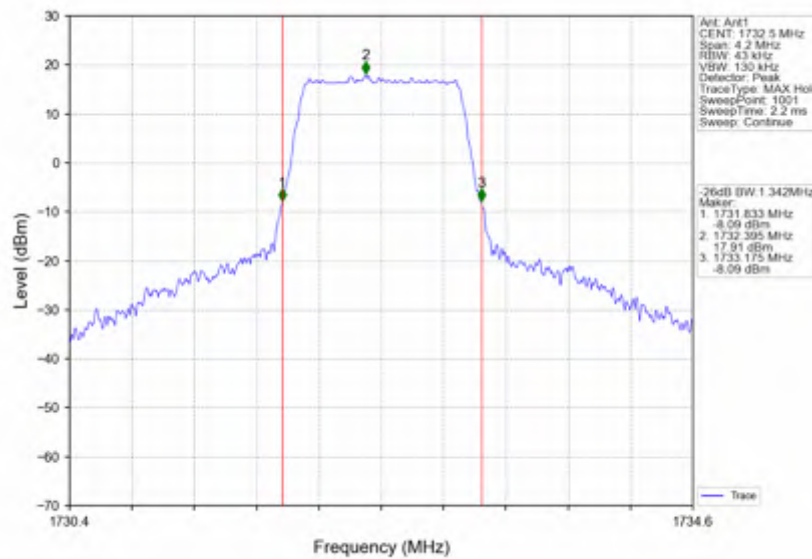
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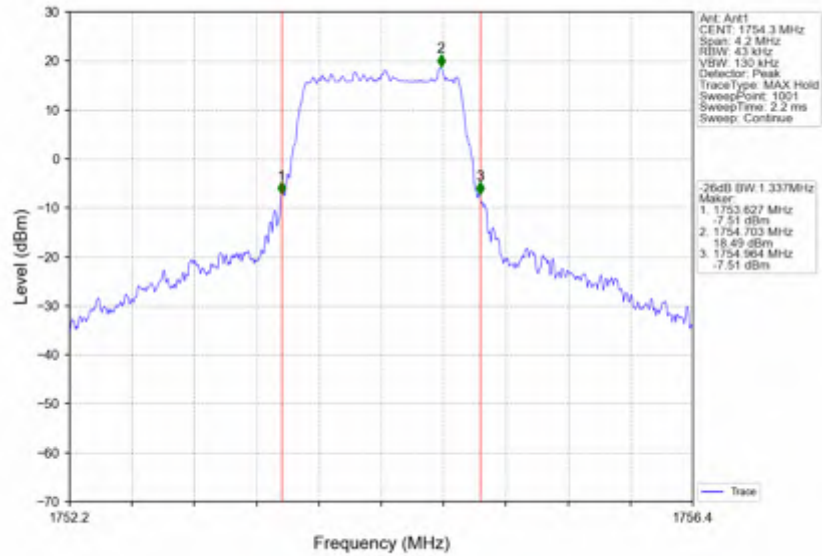
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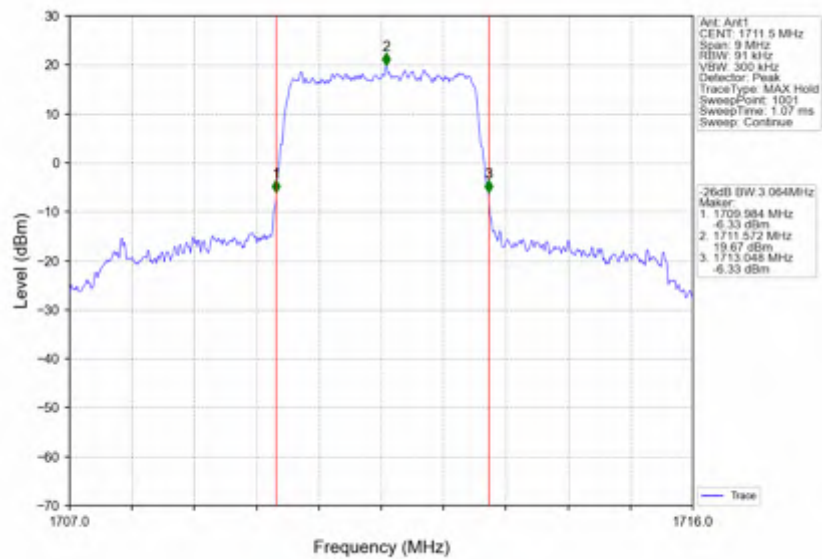
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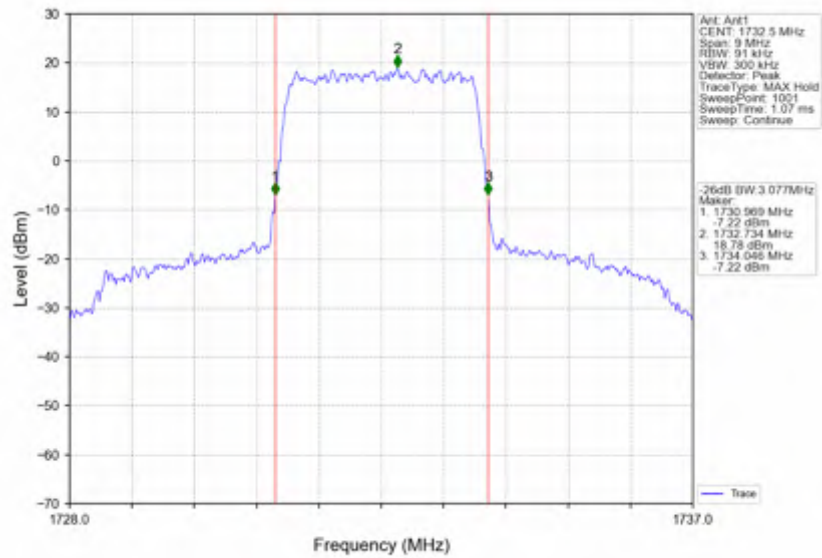
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



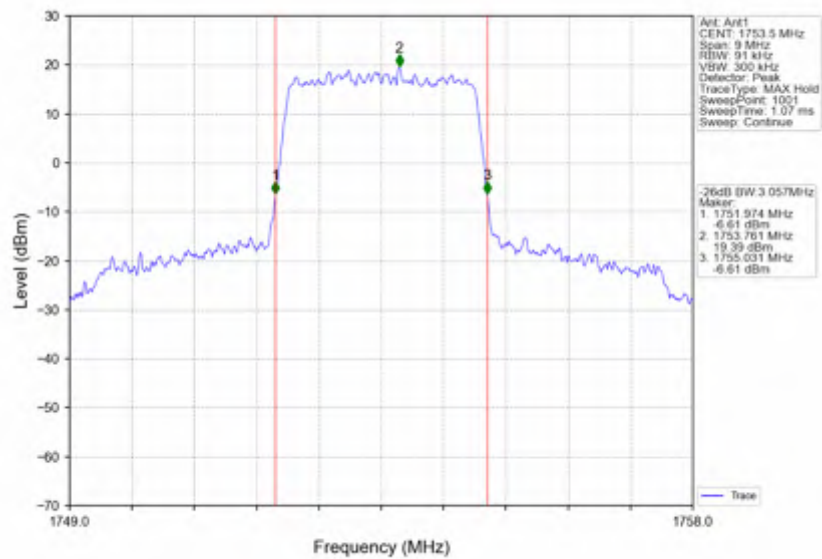
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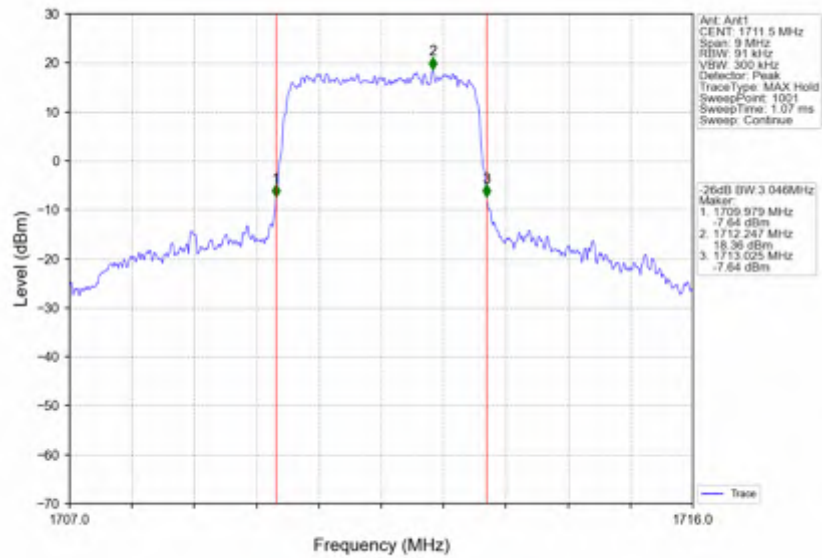
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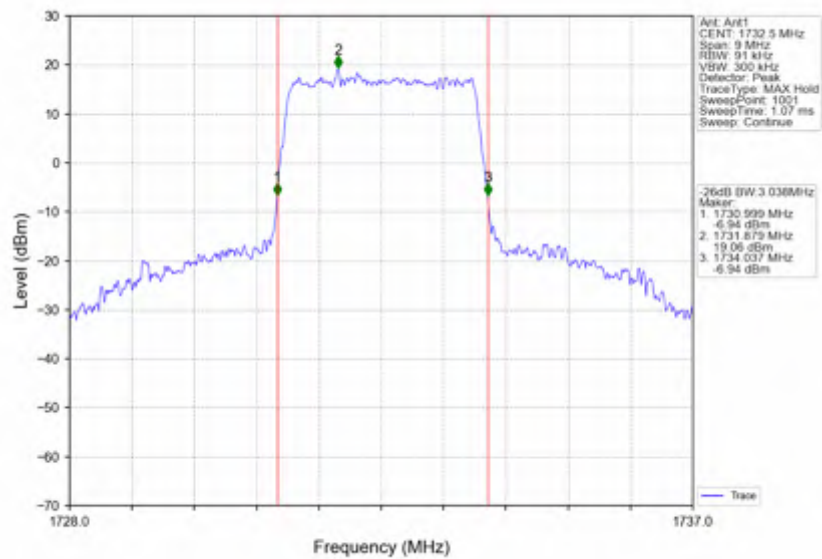
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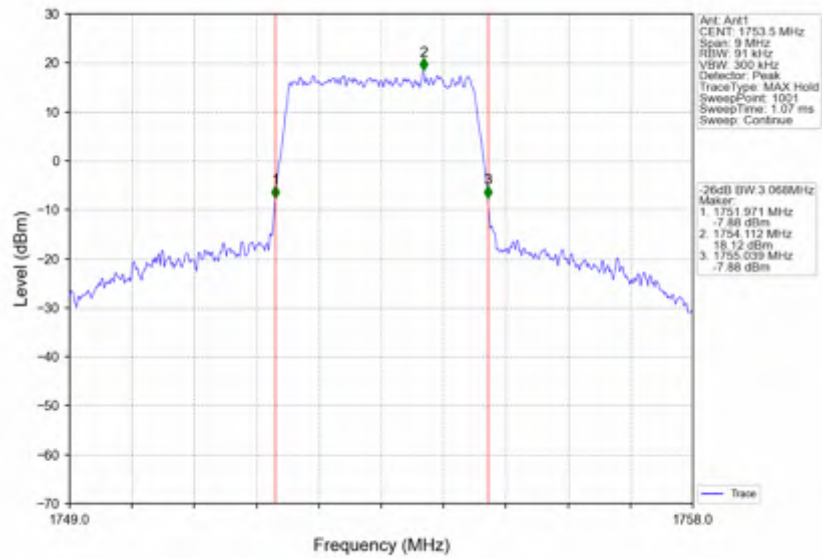
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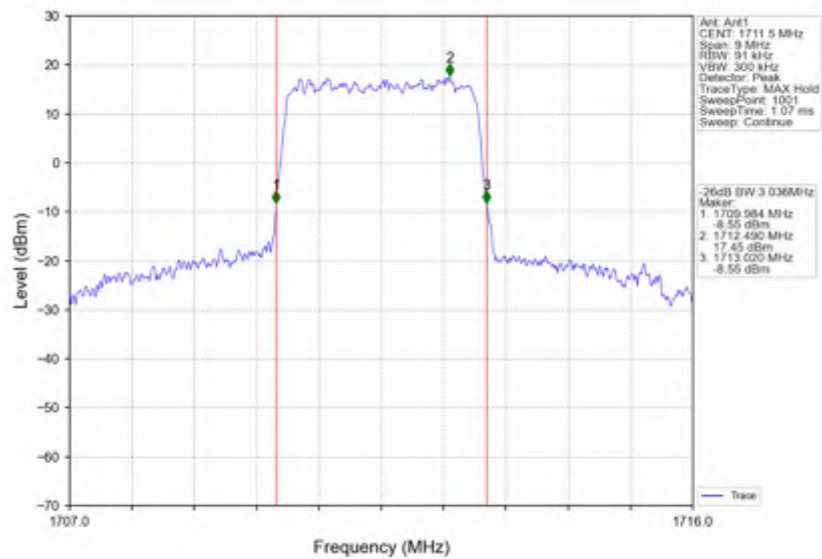
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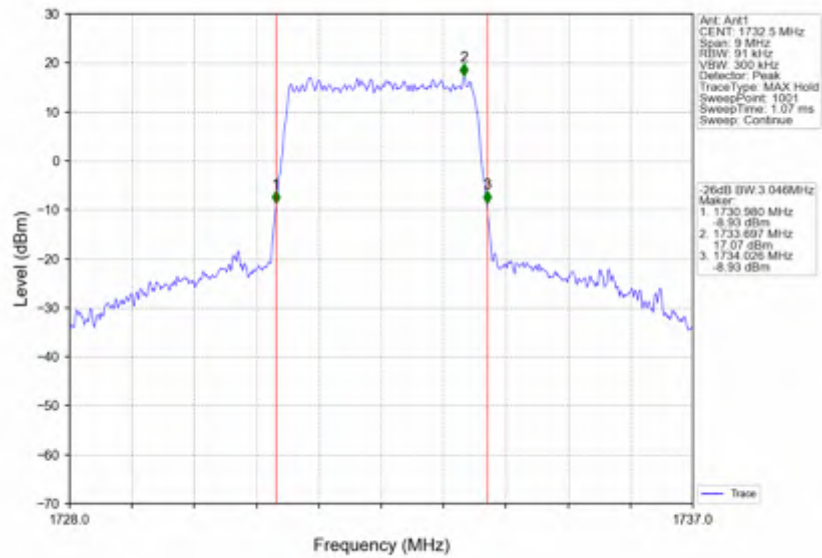
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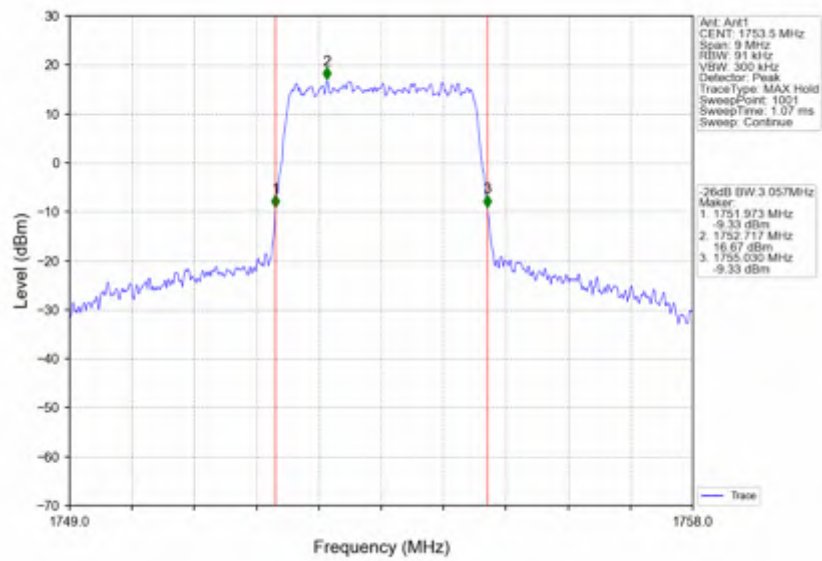
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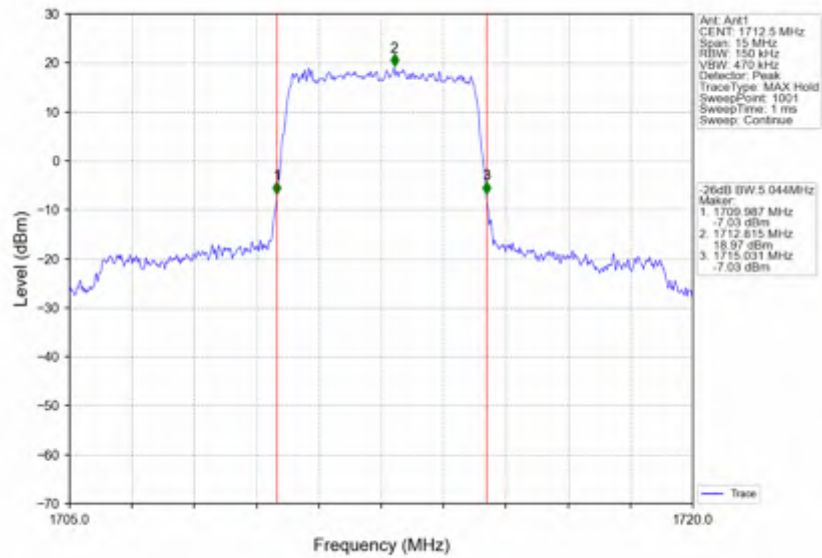
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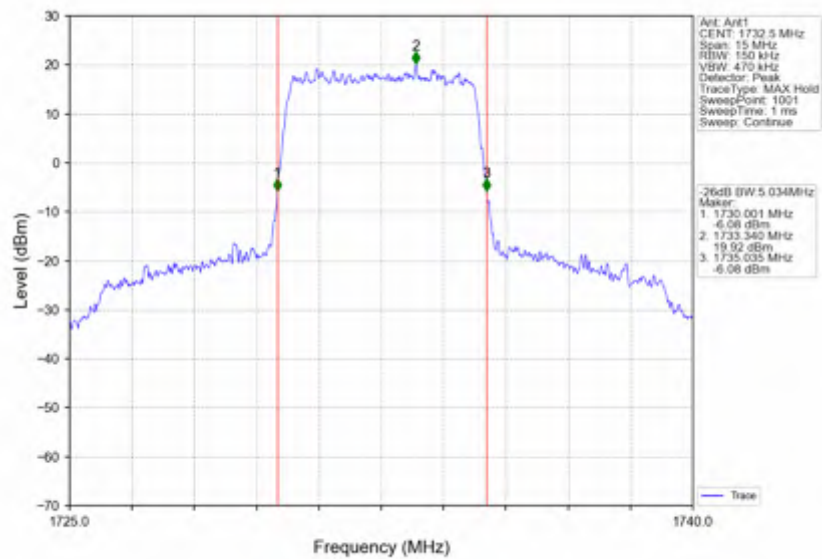
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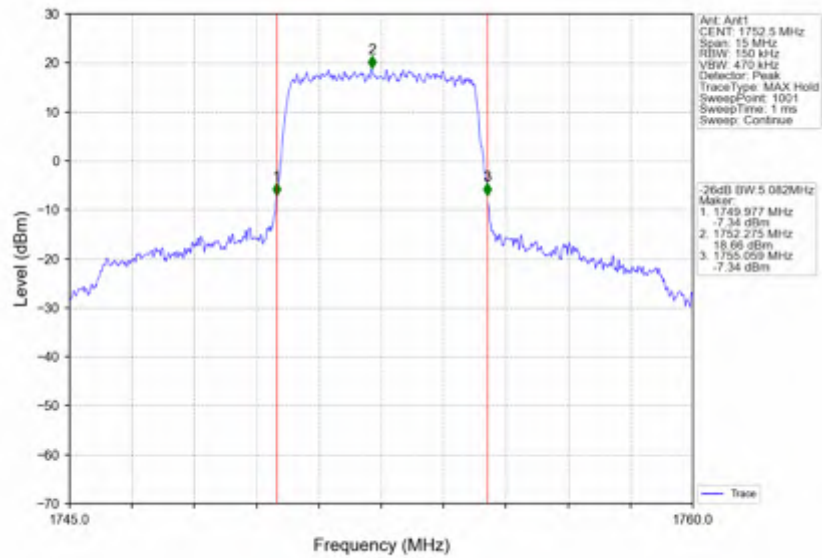
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



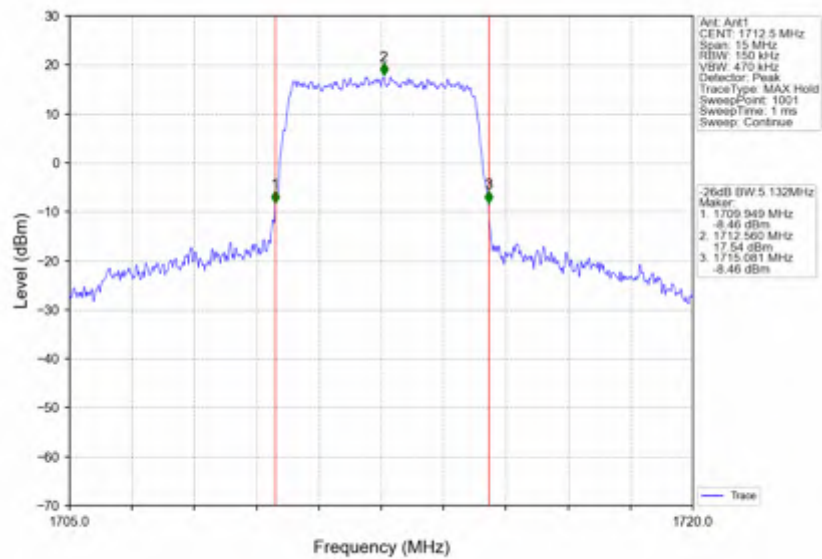
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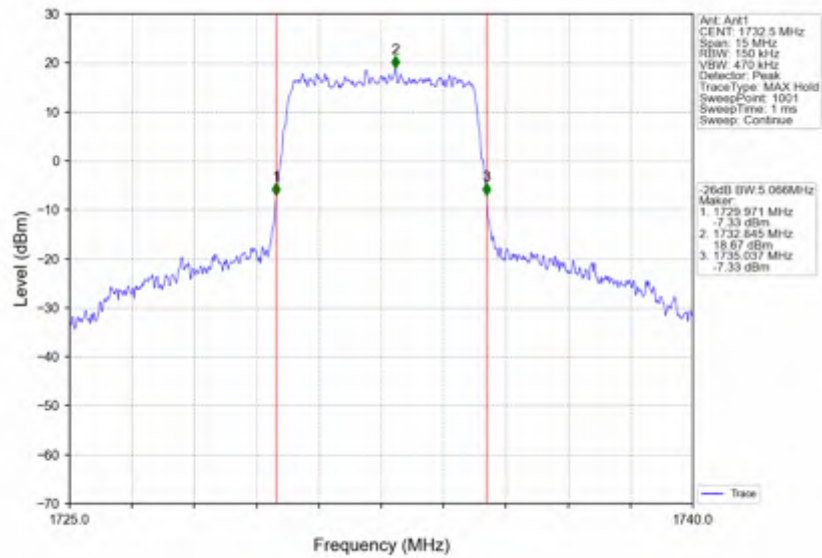
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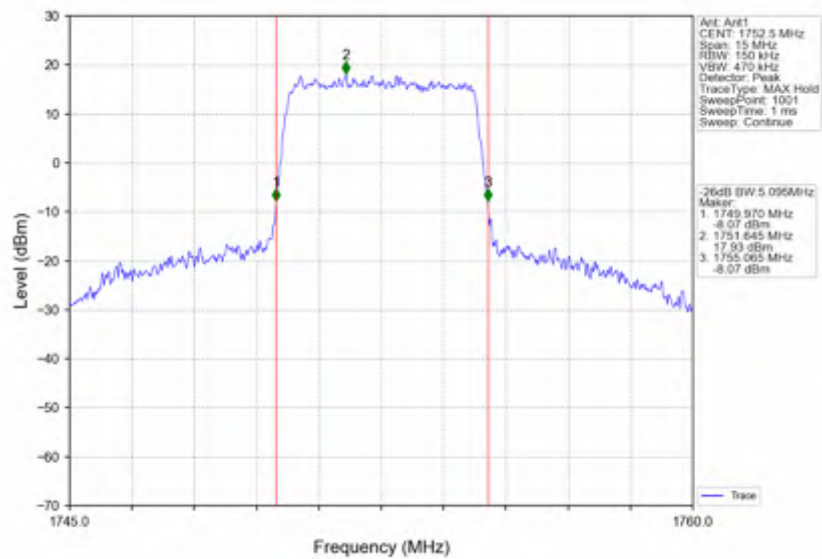
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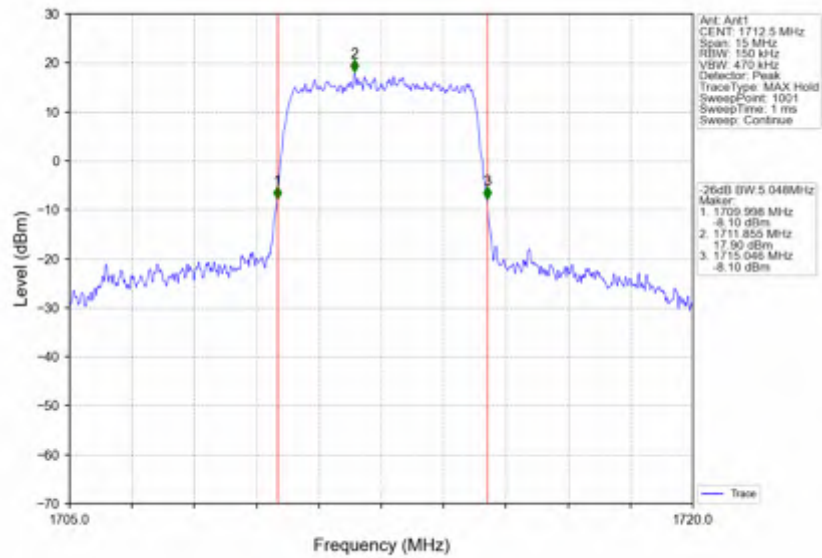
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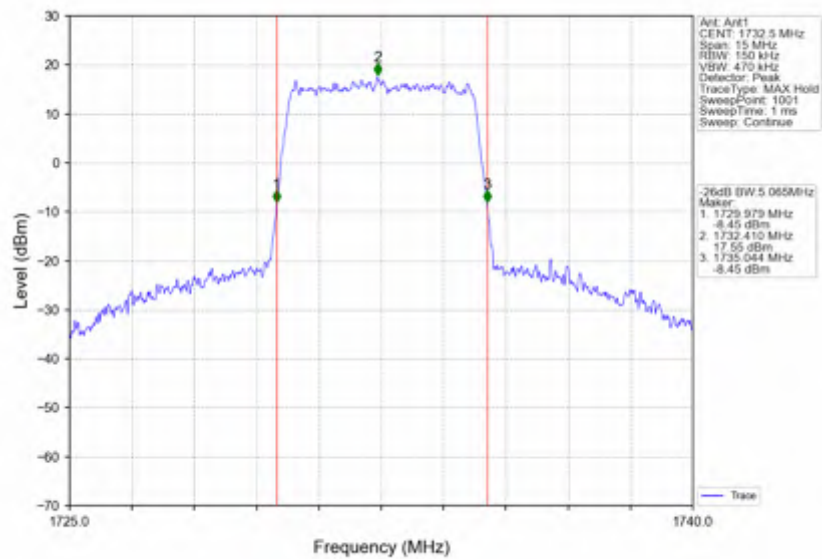
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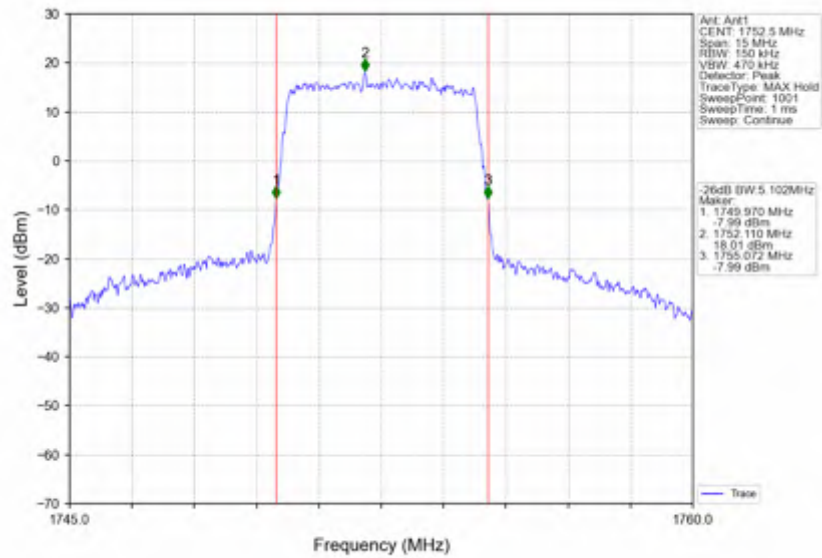
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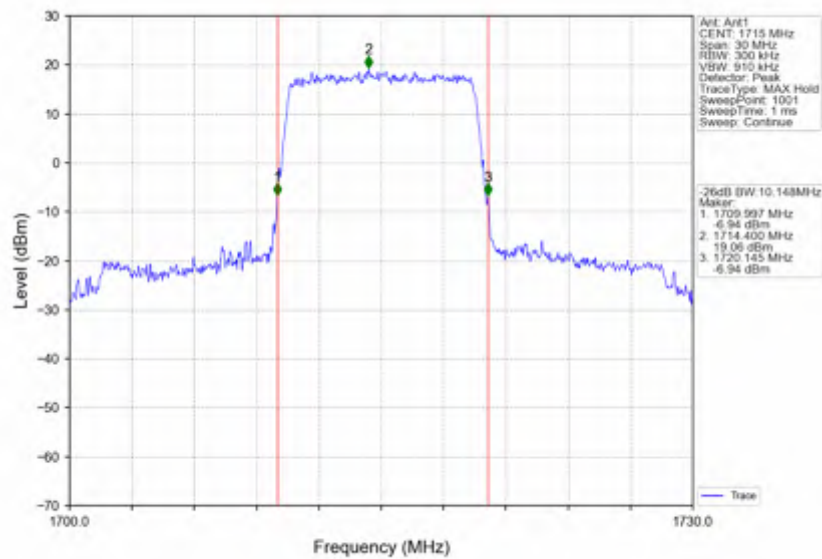
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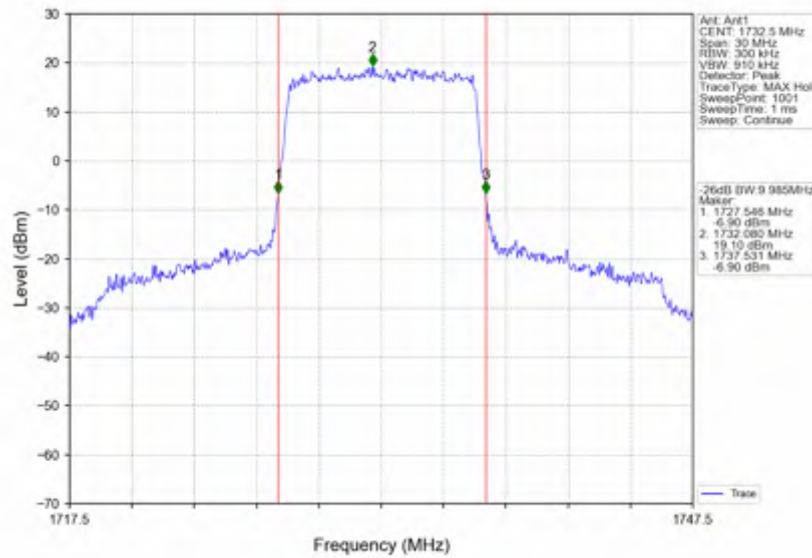
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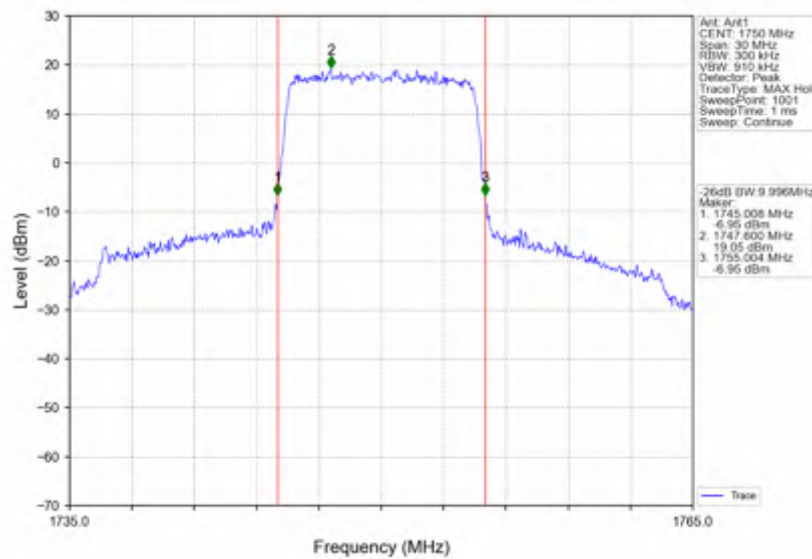
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



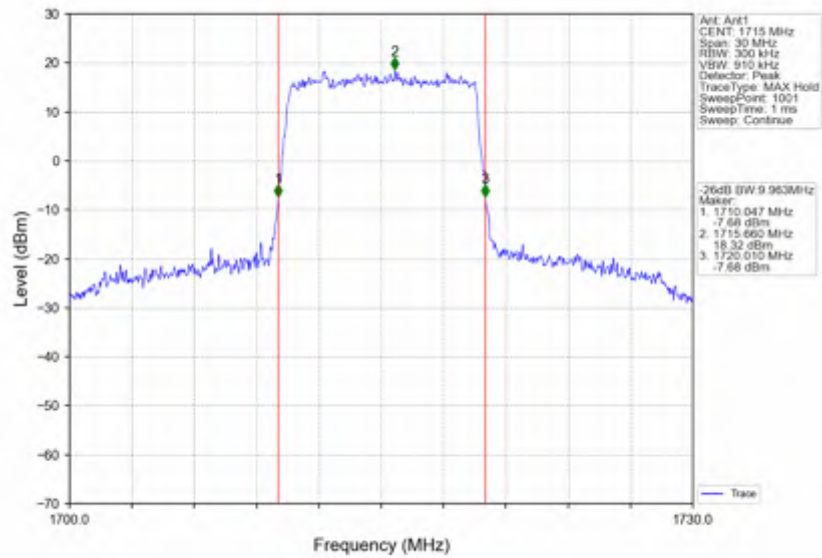
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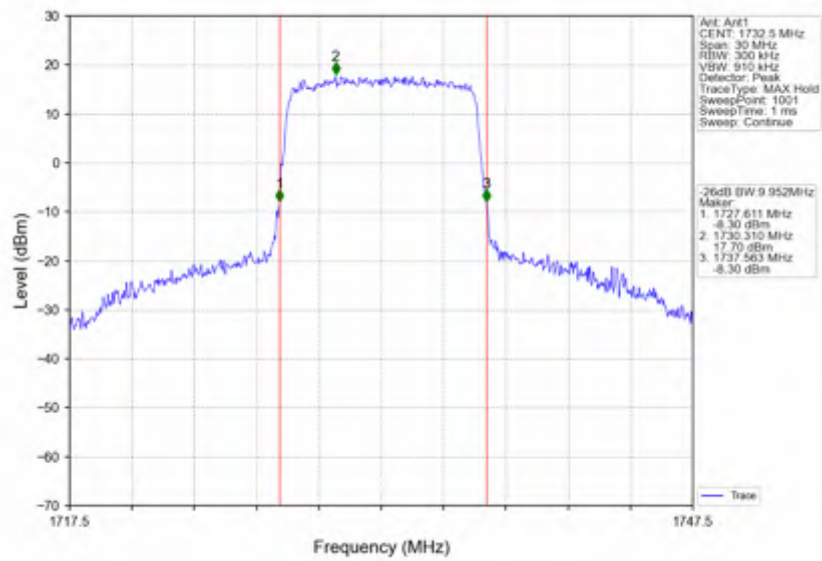
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



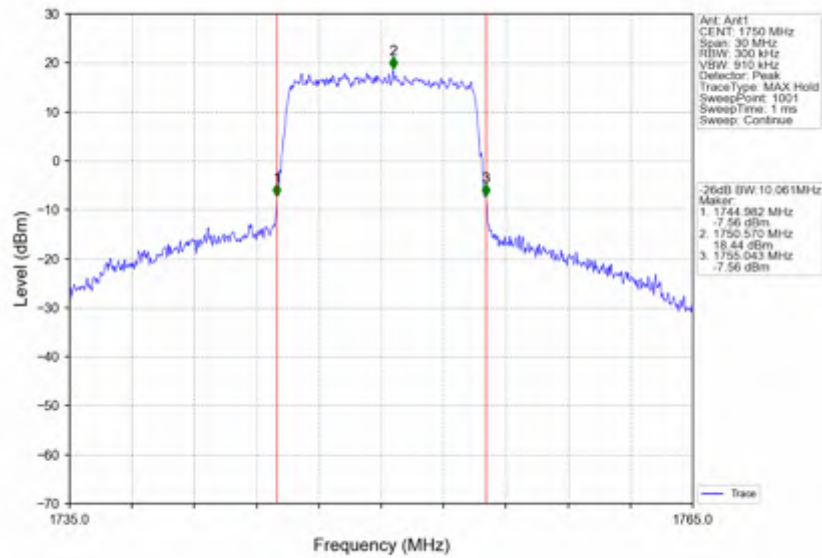
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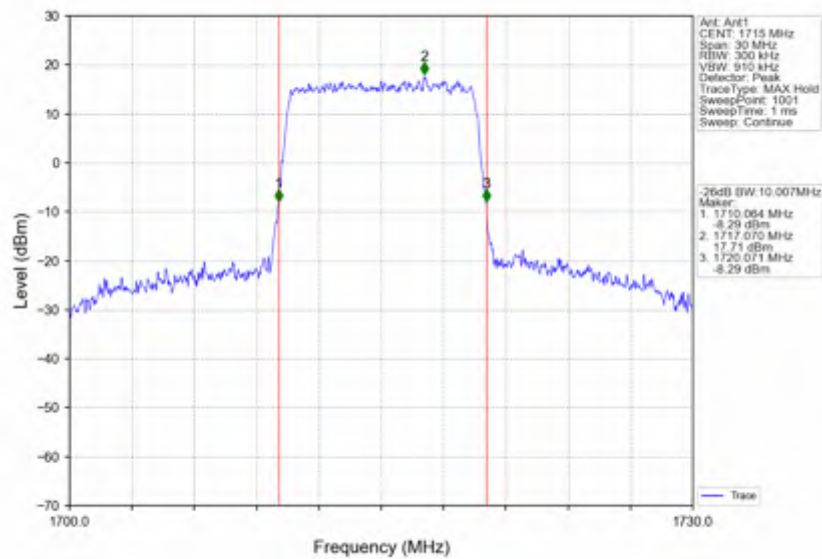
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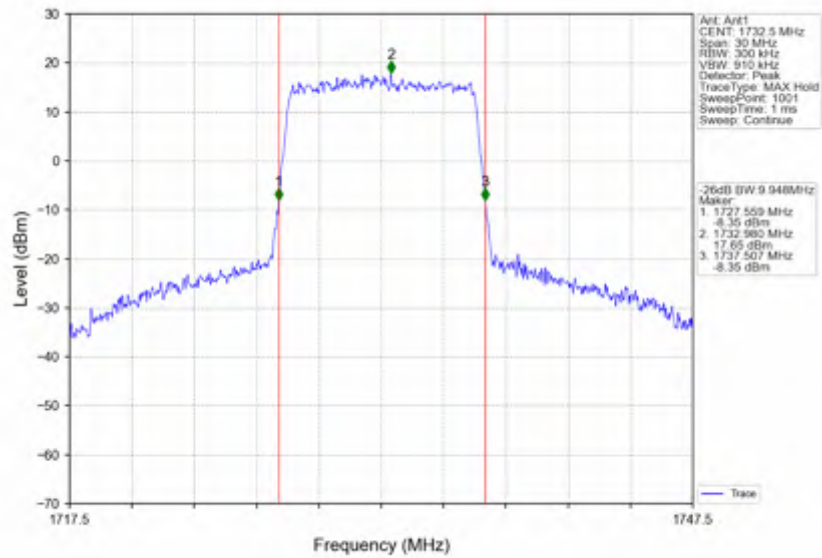
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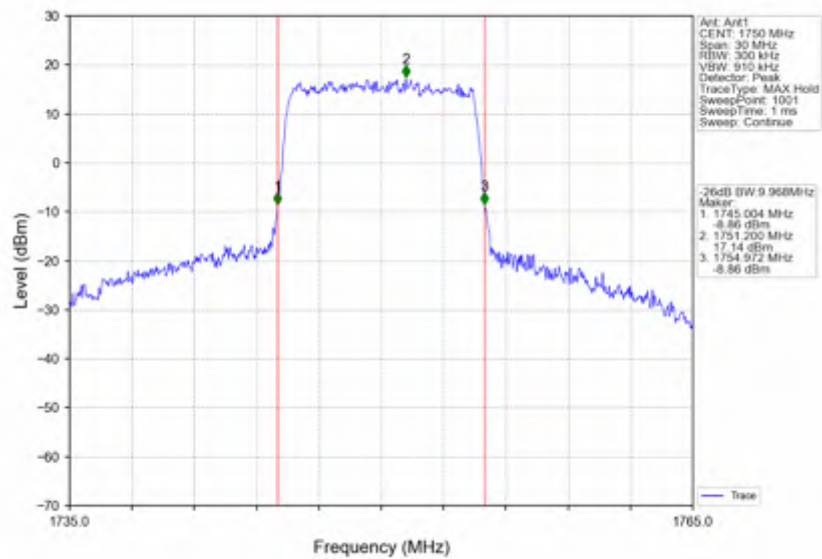
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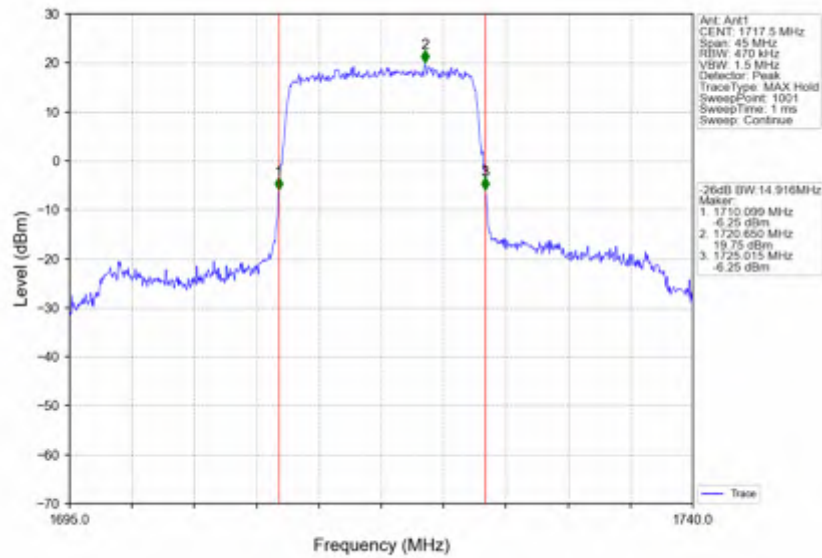
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV



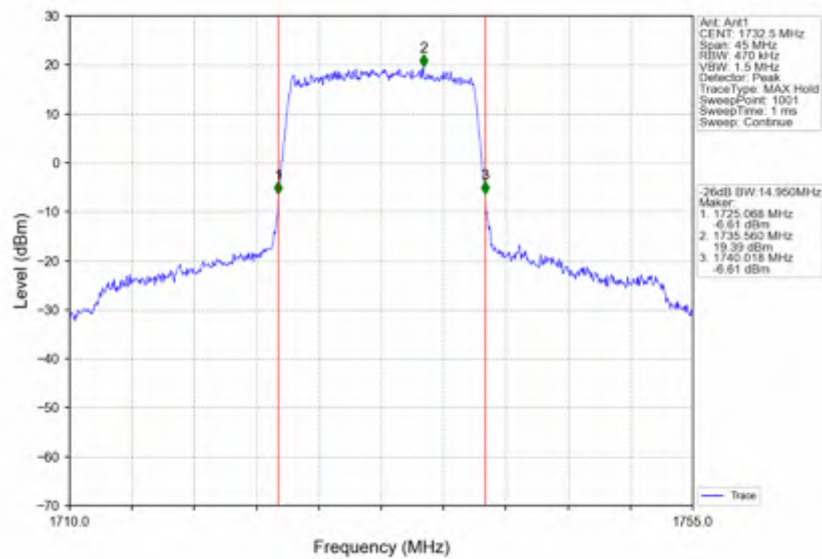
Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV



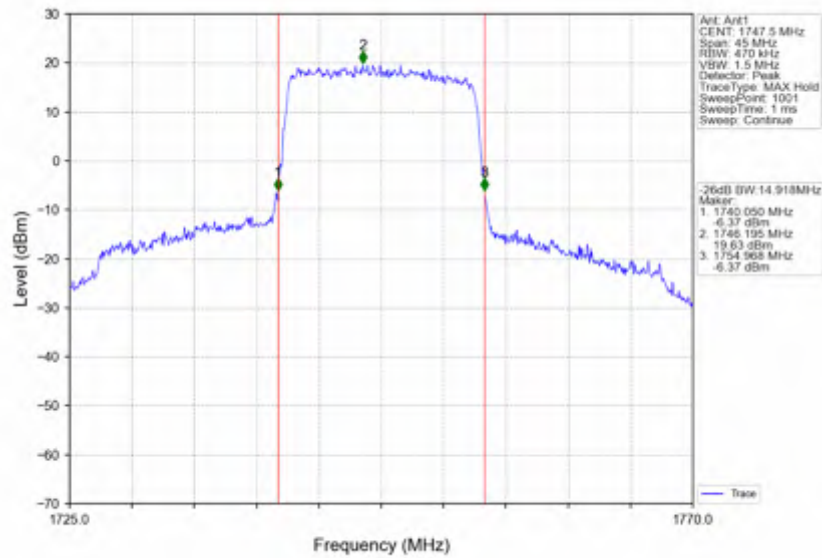
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



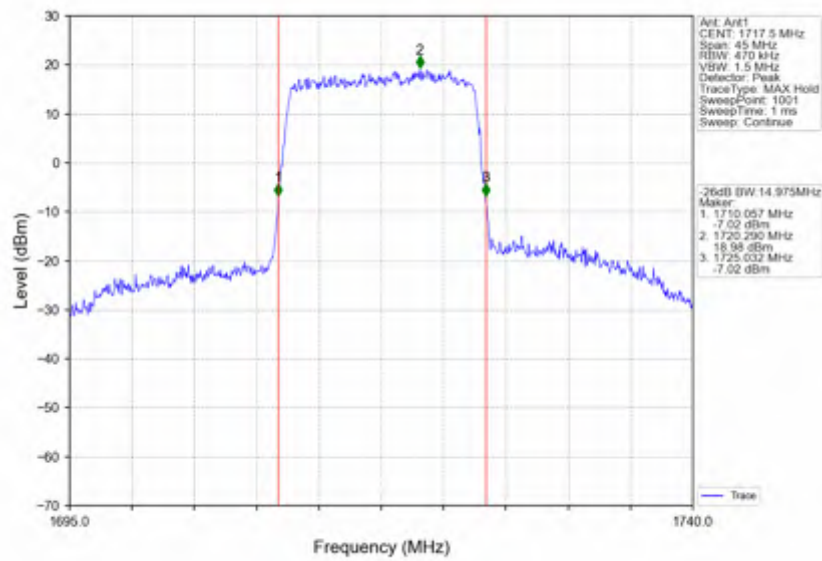
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



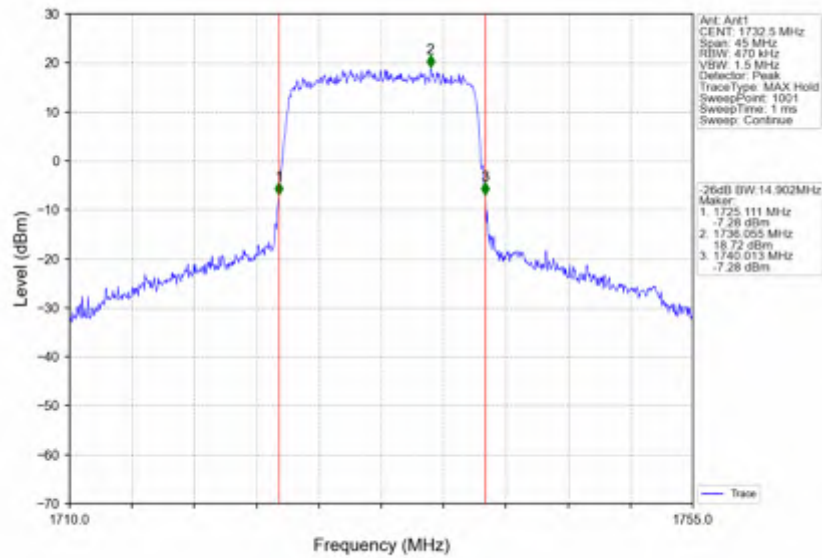
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



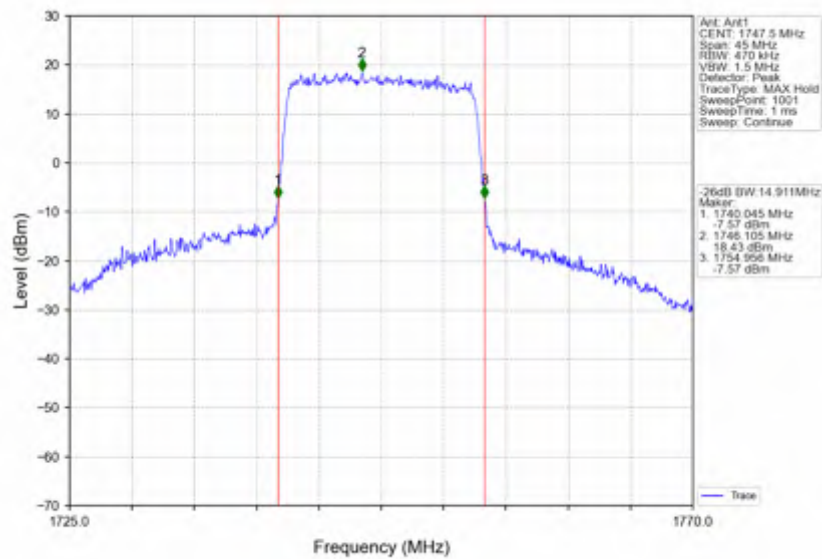
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



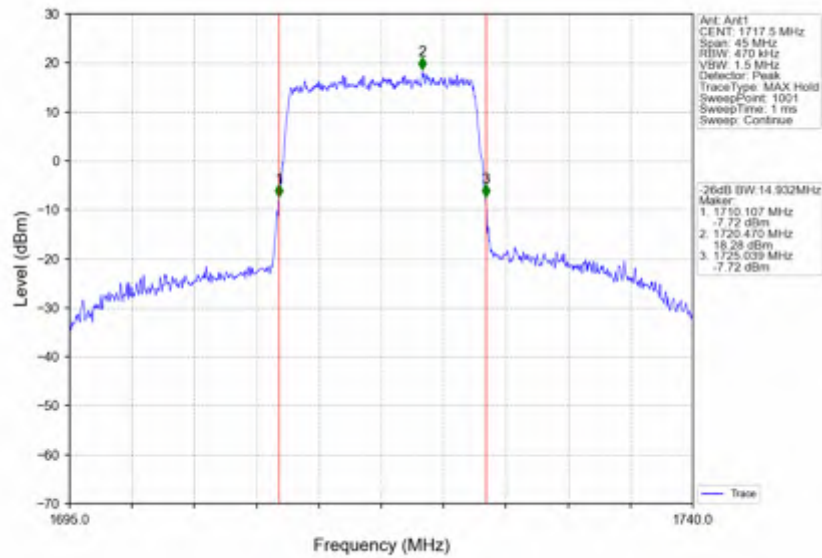
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



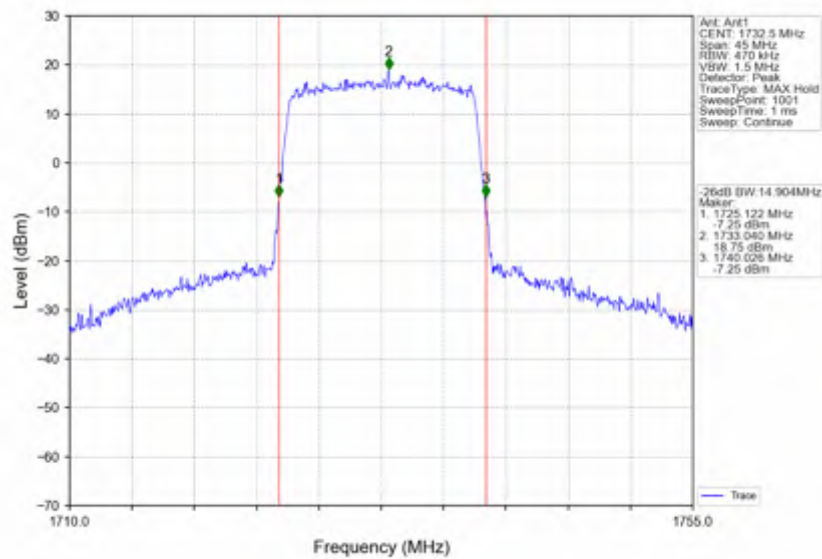
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



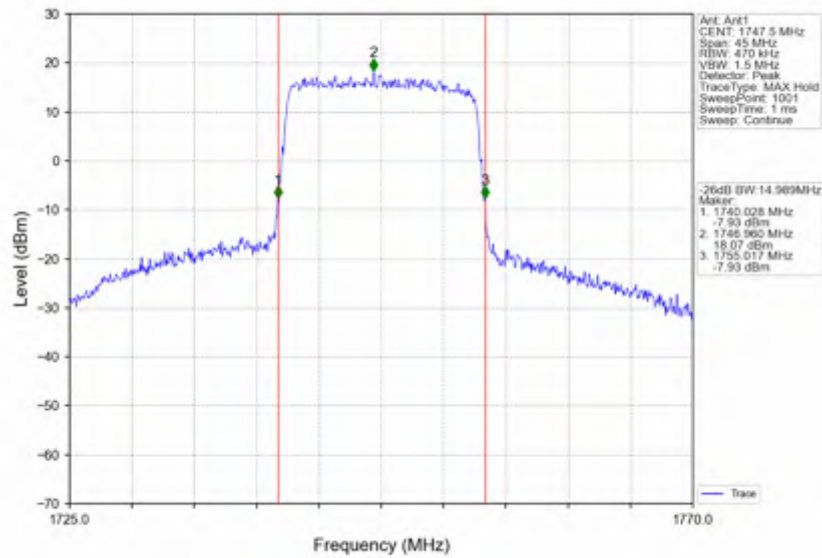
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



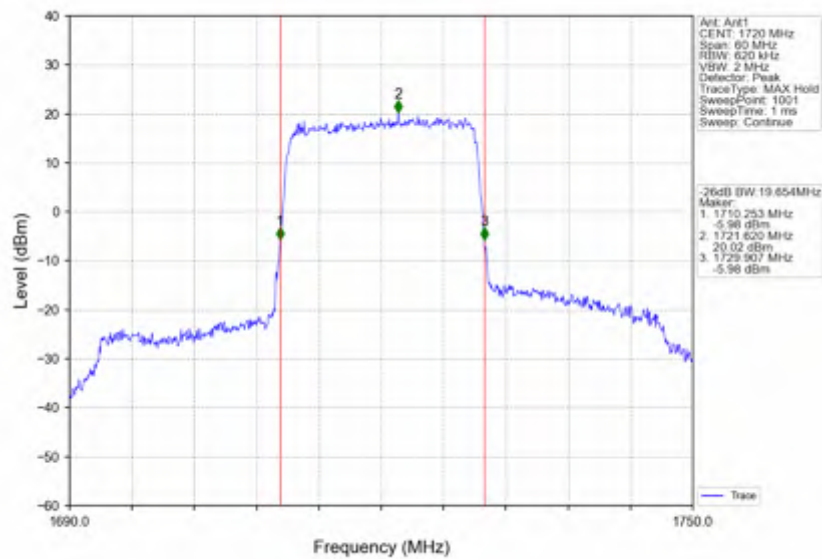
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV



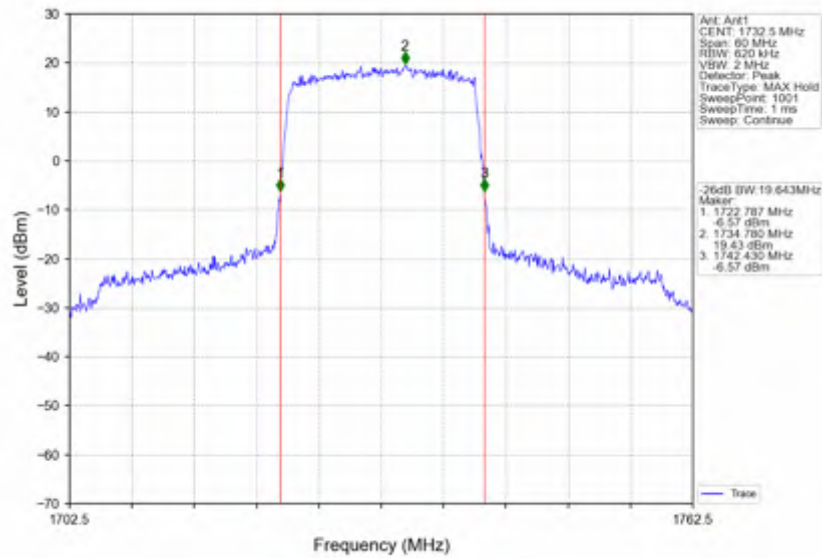
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



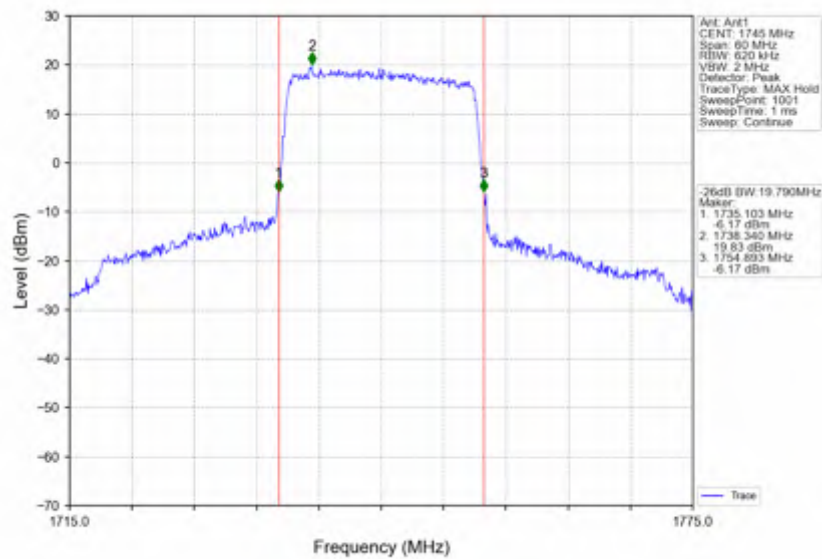
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



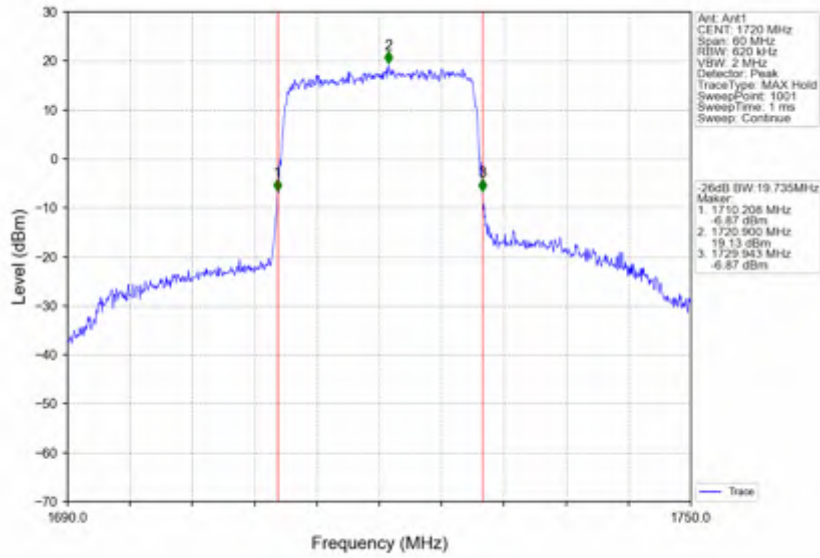
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



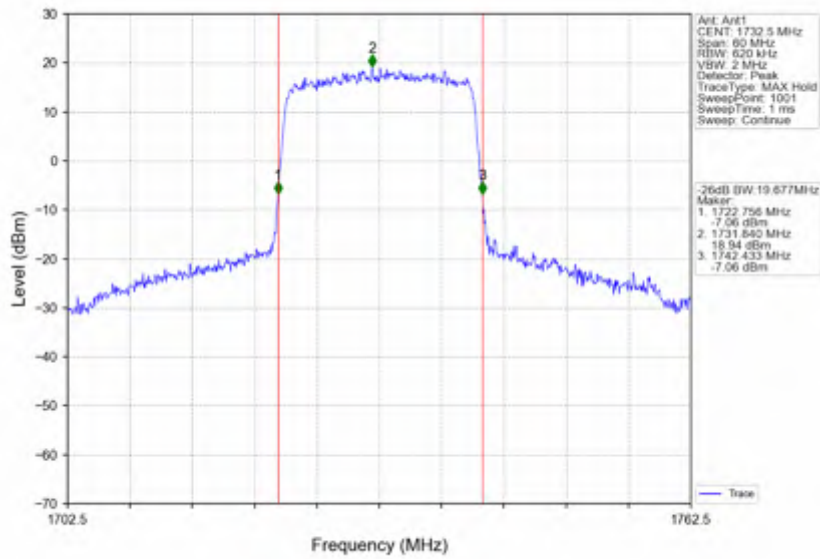
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



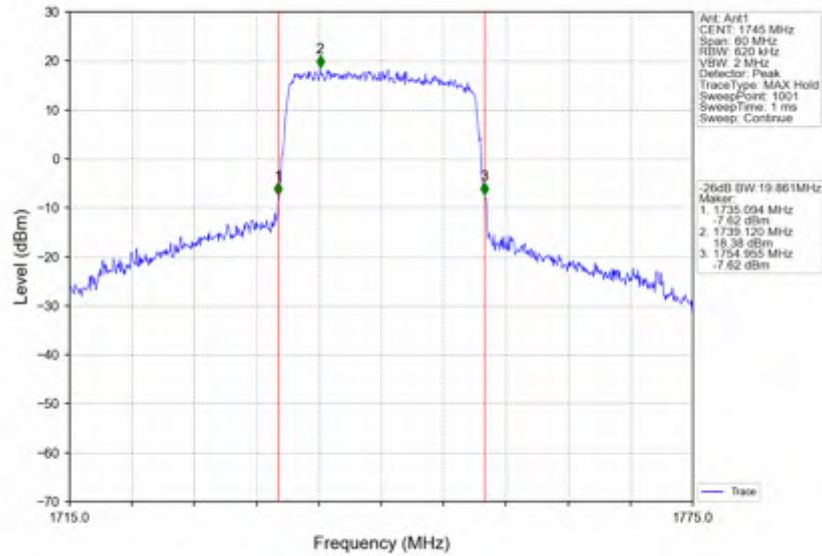
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



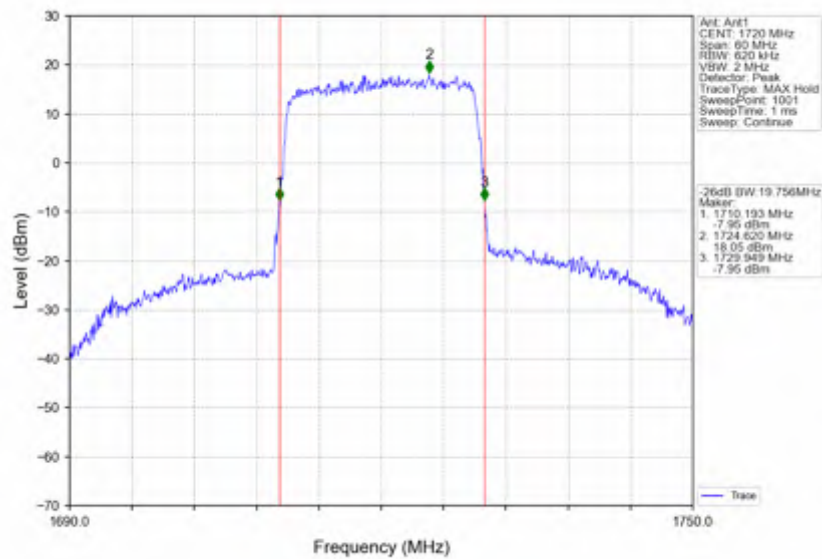
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



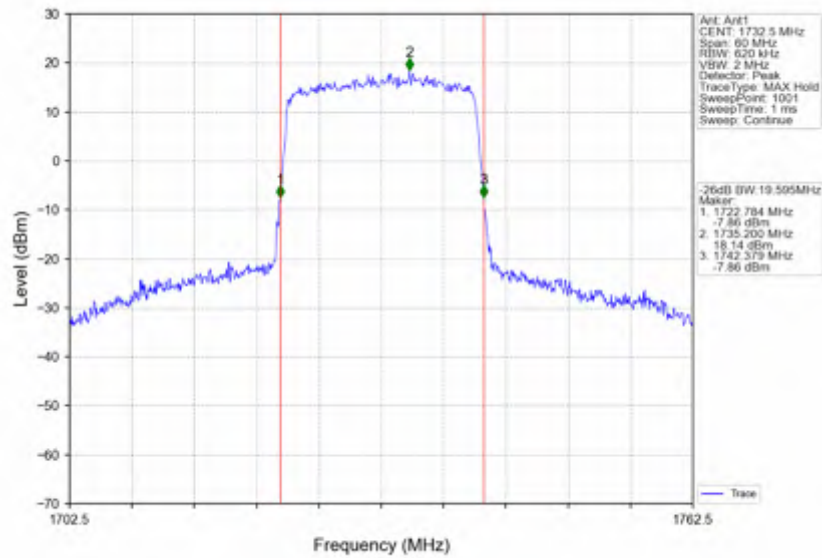
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



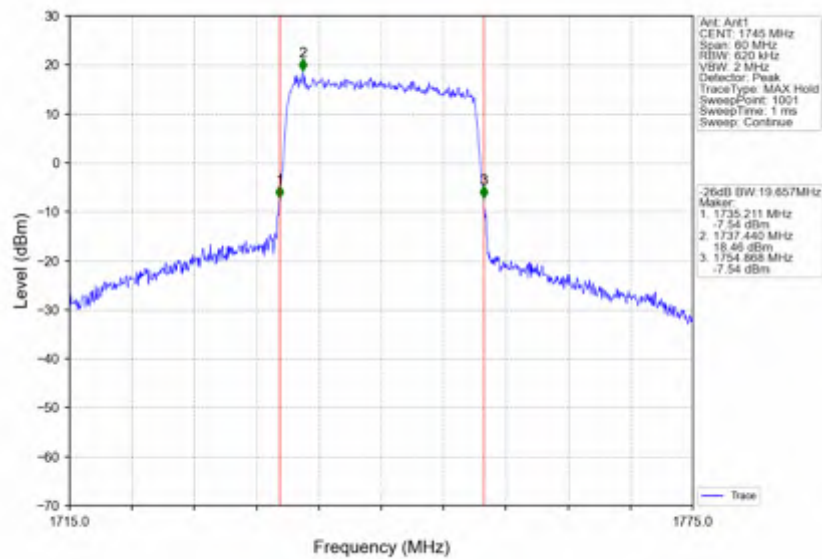
Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV





5. Peak-Average Ratio

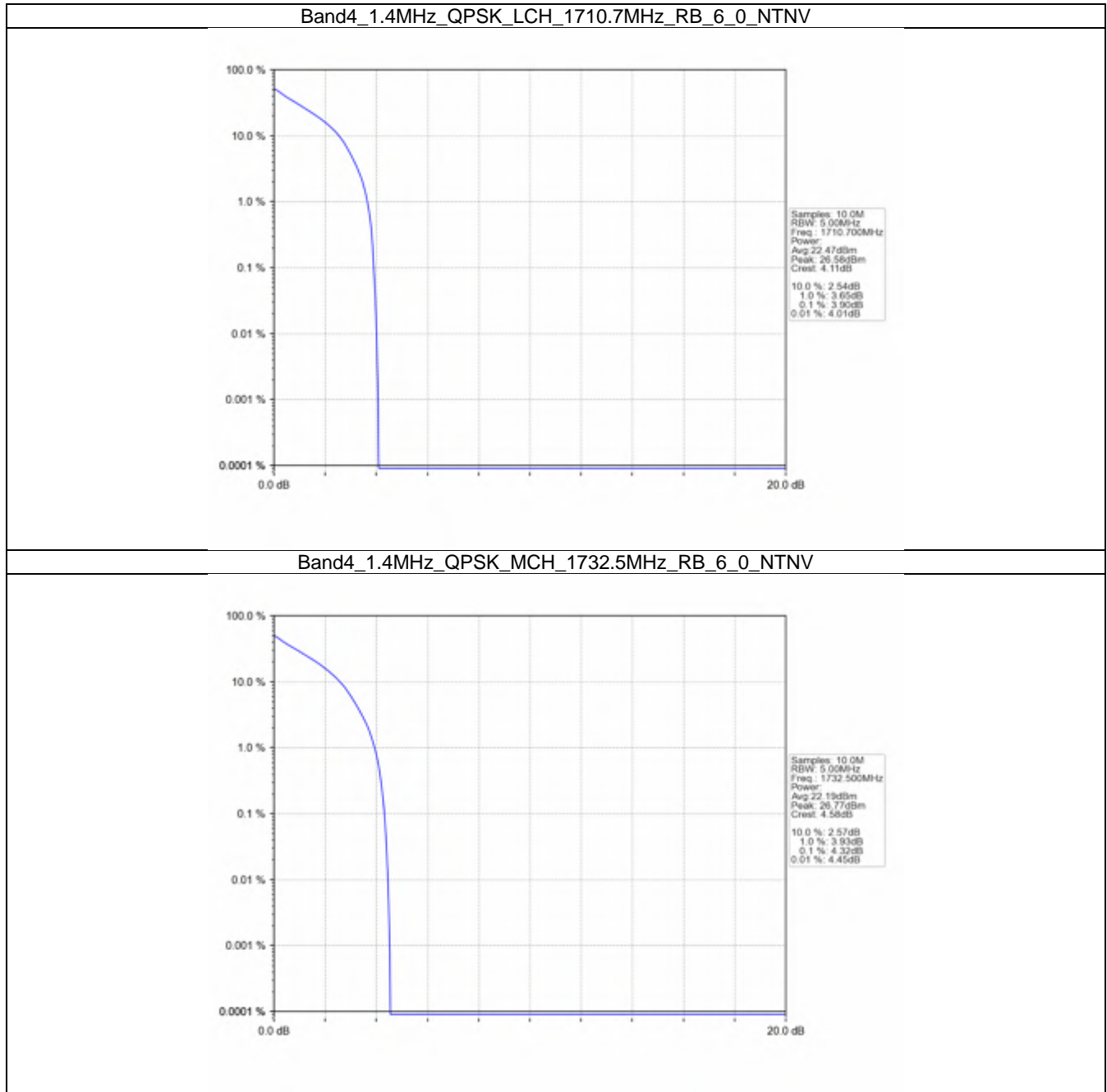
5.1 B4_1.4MHz

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	3.90	<=13	Pass
	1732.5	6	0	4.32	<=13	Pass
	1754.3	6	0	4.08	<=13	Pass
16QAM	1710.7	6	0	4.71	<=13	Pass
	1732.5	6	0	5.20	<=13	Pass
	1754.3	6	0	4.97	<=13	Pass
64QAM	1710.7	6	0	5.62	<=13	Pass
	1732.5	6	0	6.04	<=13	Pass
	1754.3	6	0	5.83	<=13	Pass

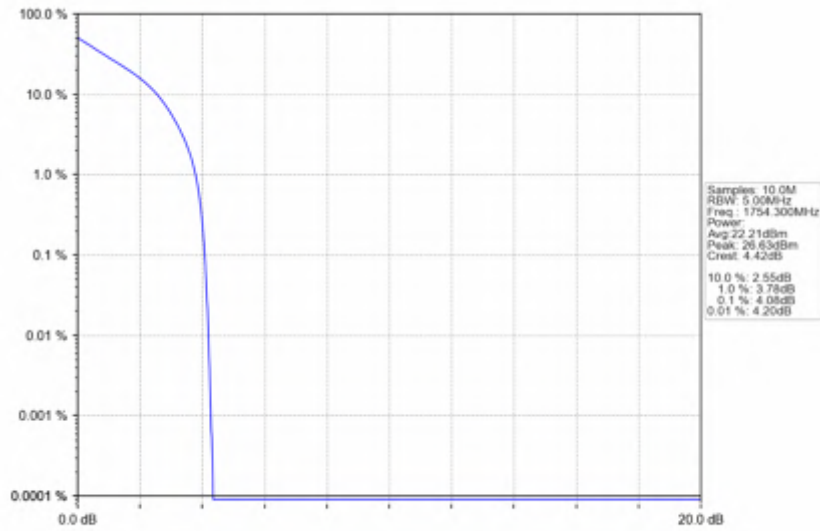


5.1.2 Test Graph

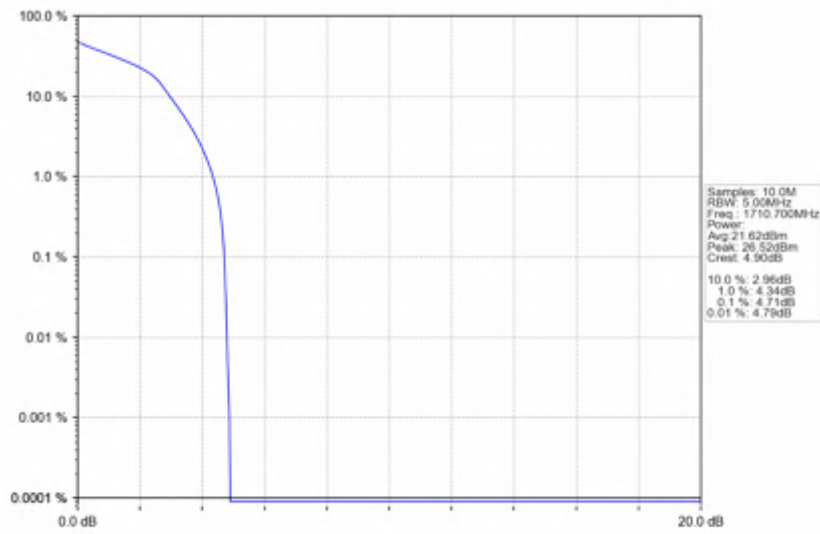




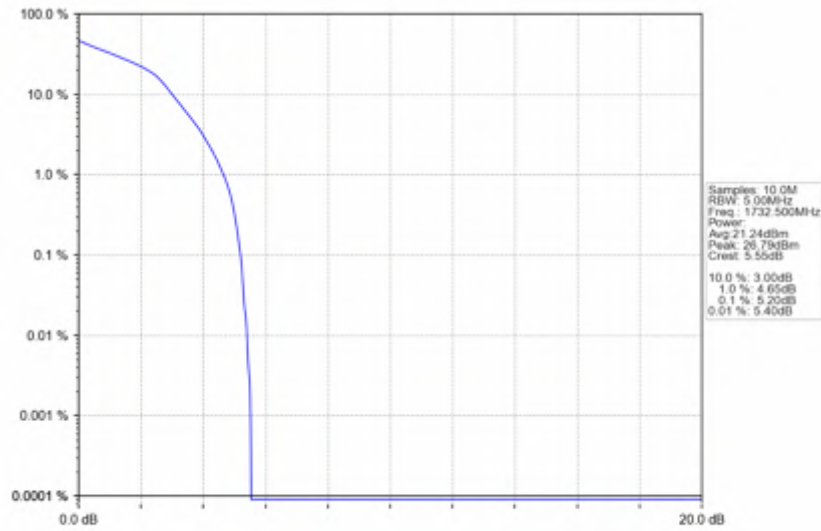
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



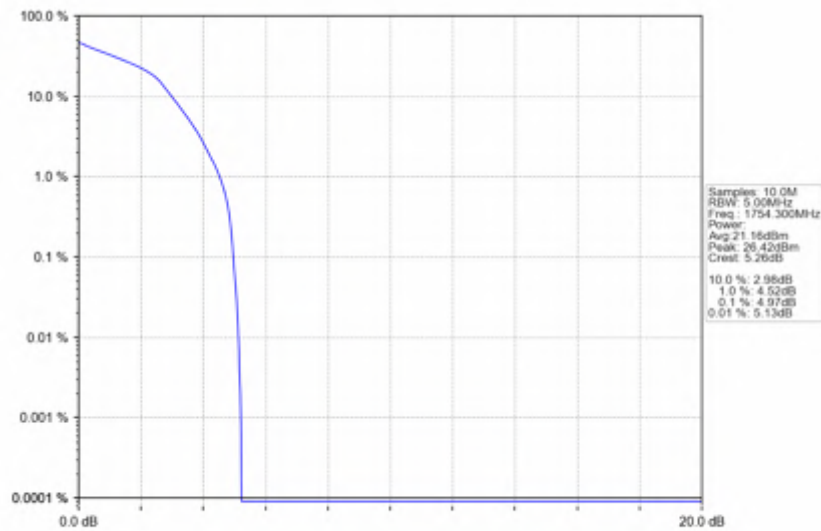
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



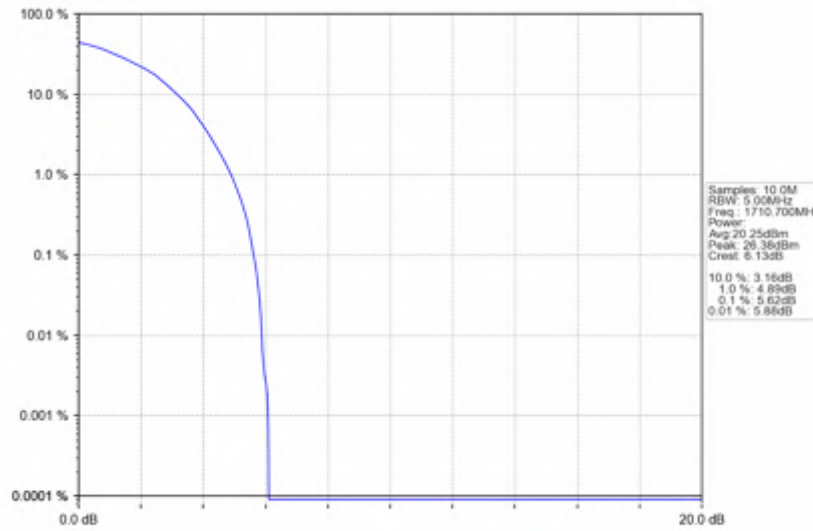
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



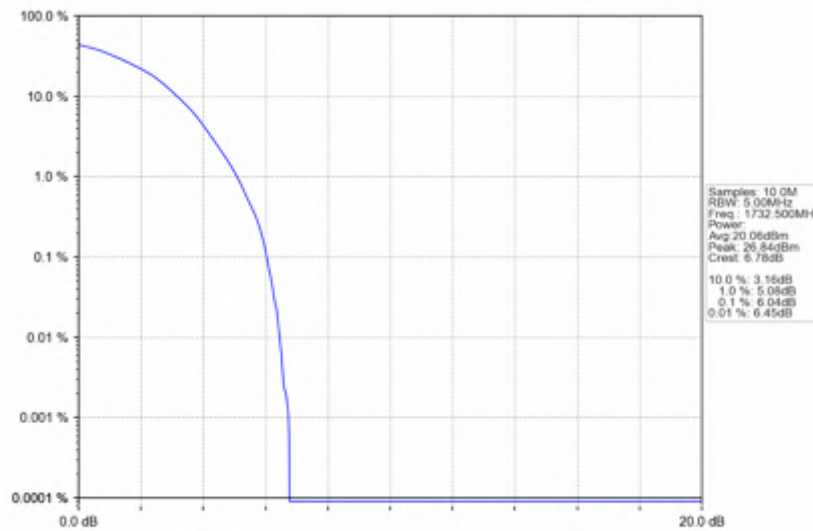
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

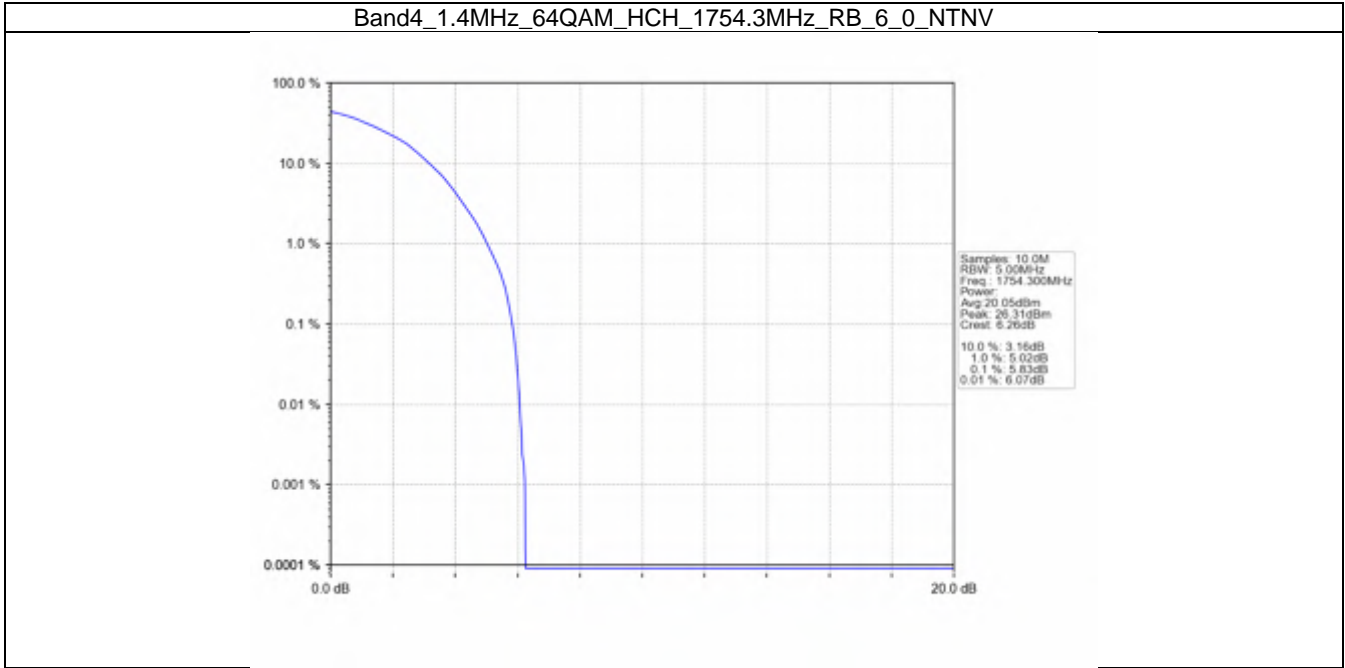


Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_6_0_NTNV





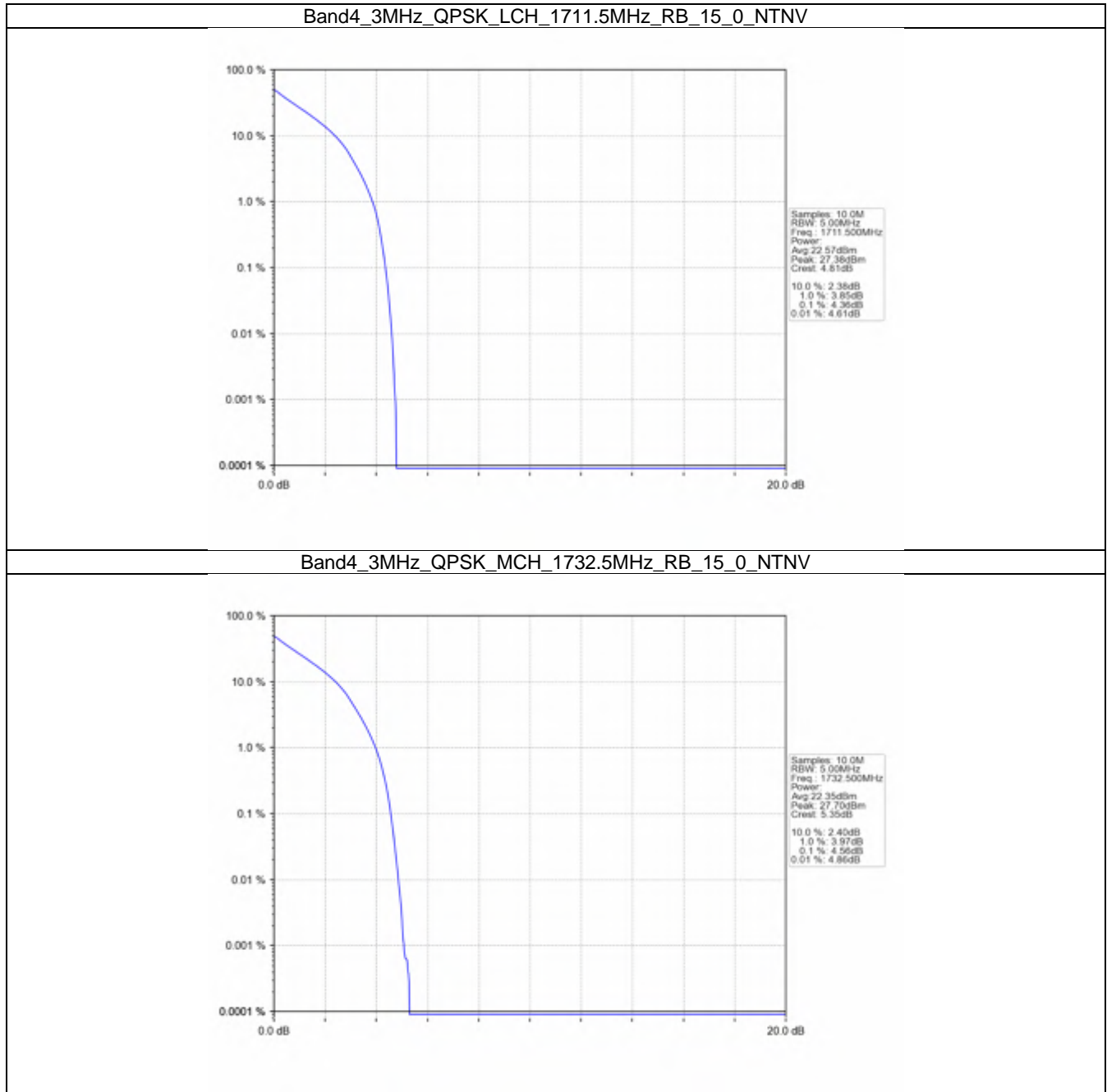
5.2 B4_3MHz

5.2.1 Test Result

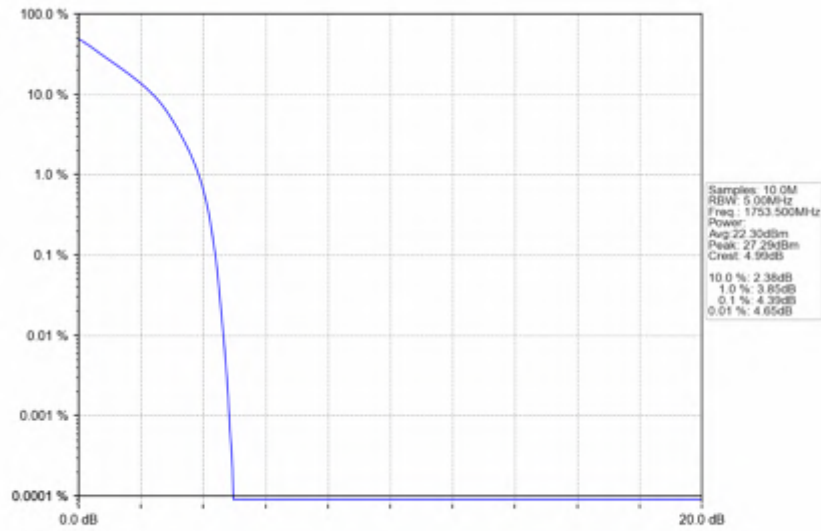
Band: 4 / Bandwidth: 3MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	4.36	<=13	Pass
	1732.5	15	0	4.56	<=13	Pass
	1753.5	15	0	4.39	<=13	Pass
16QAM	1711.5	15	0	5.27	<=13	Pass
	1732.5	15	0	5.38	<=13	Pass
	1753.5	15	0	5.30	<=13	Pass
64QAM	1711.5	15	0	5.92	<=13	Pass
	1732.5	15	0	6.15	<=13	Pass
	1753.5	15	0	6.04	<=13	Pass



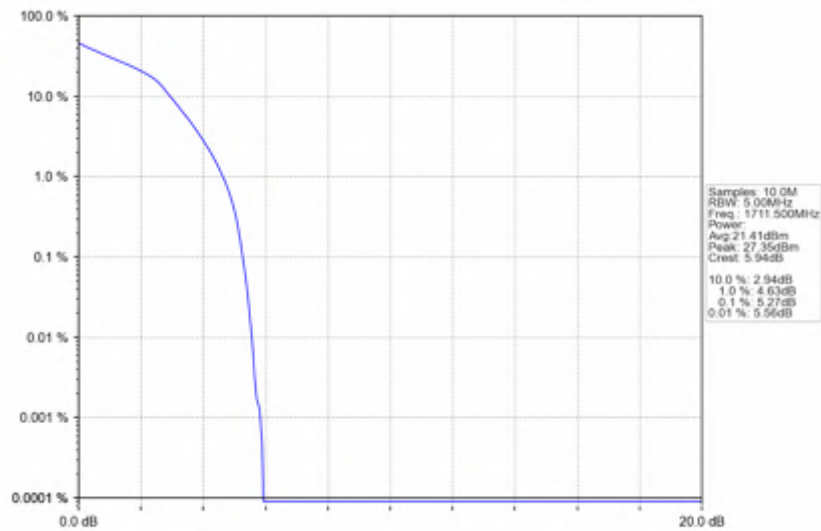
5.2.2 Test Graph



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

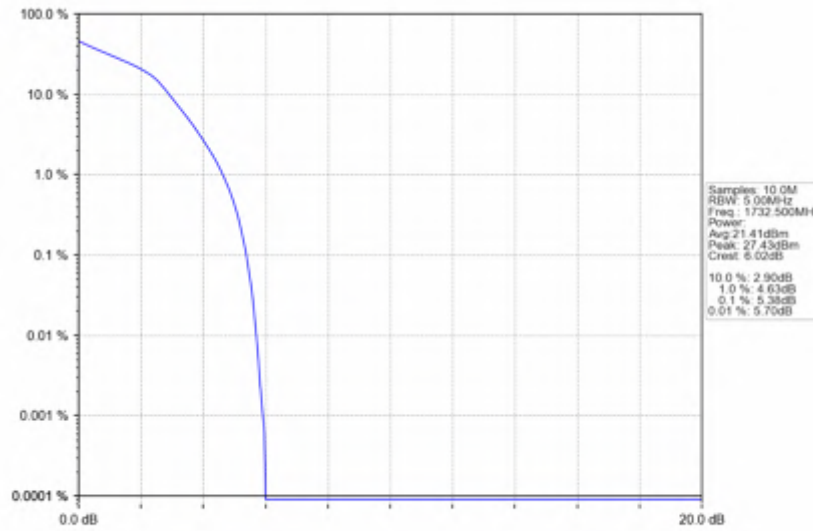


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

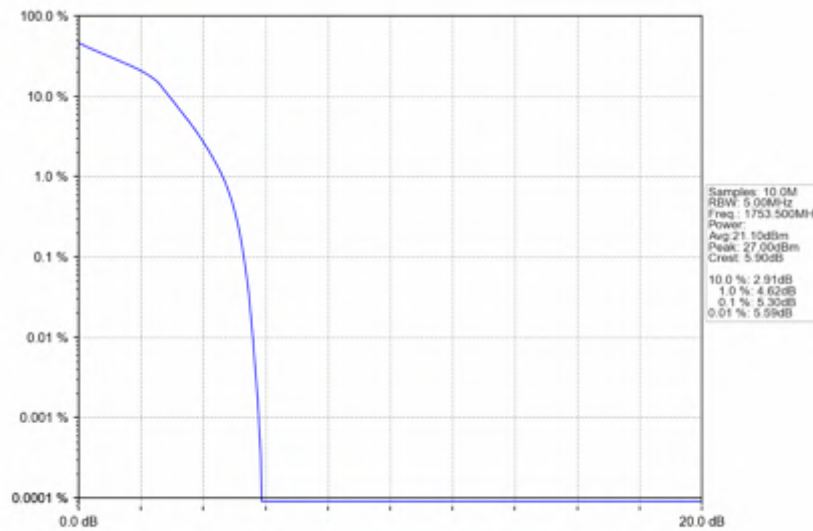




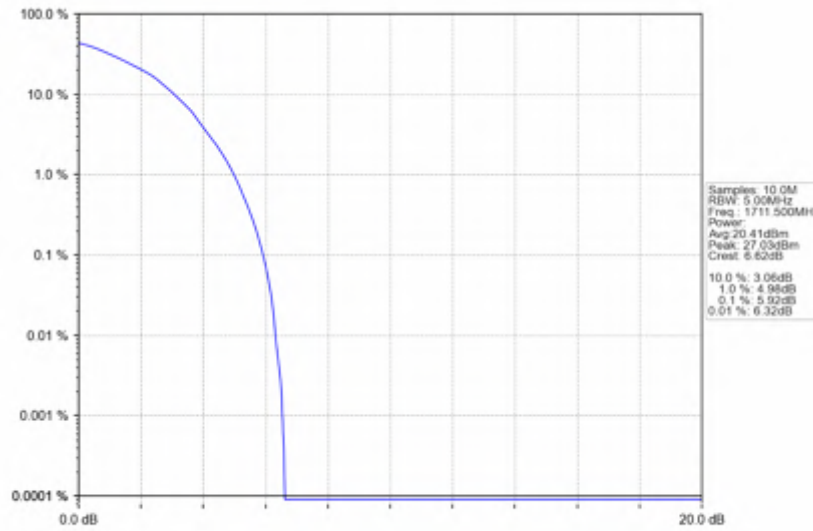
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



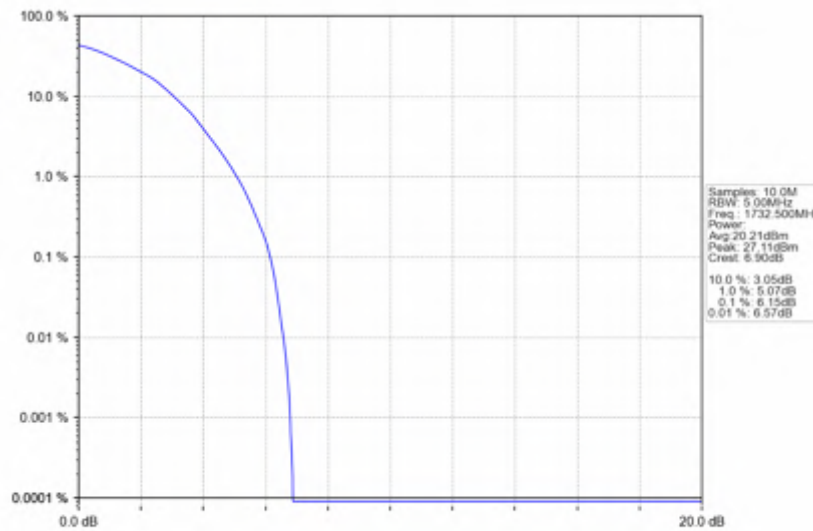
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

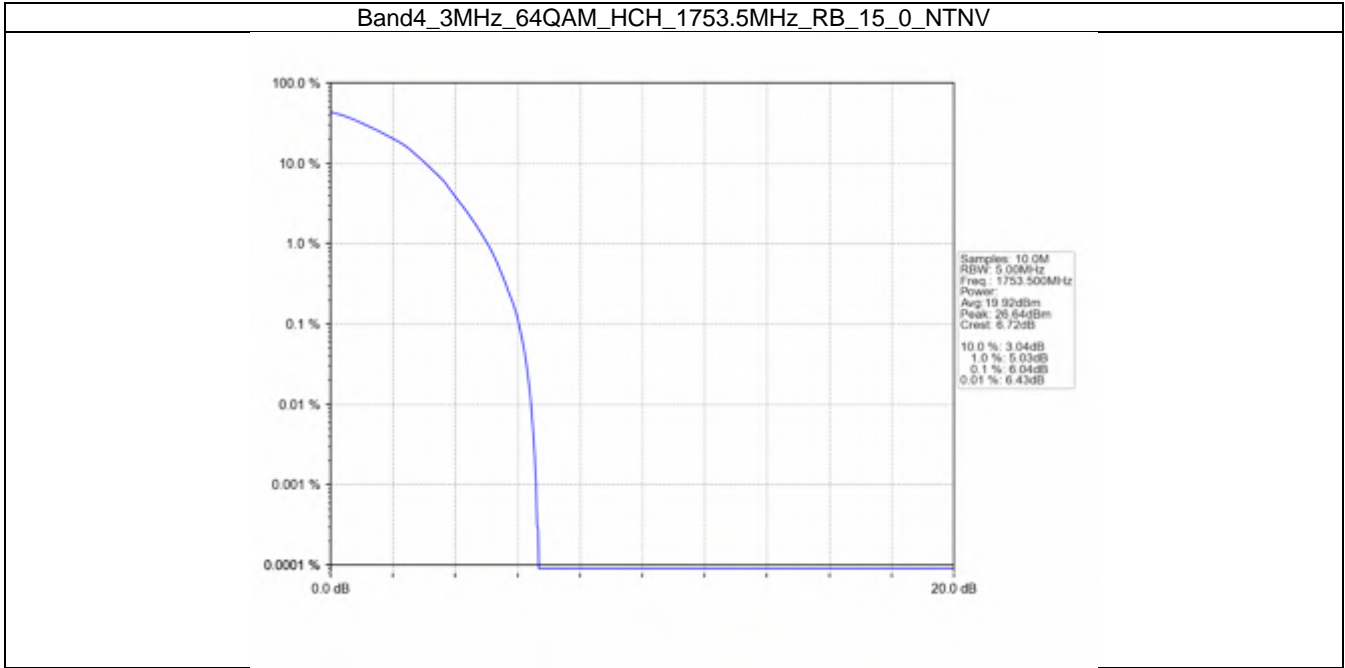


Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



Band4_3MHz_64QAM_MCH_1732.5MHz_RB_15_0_NTNV





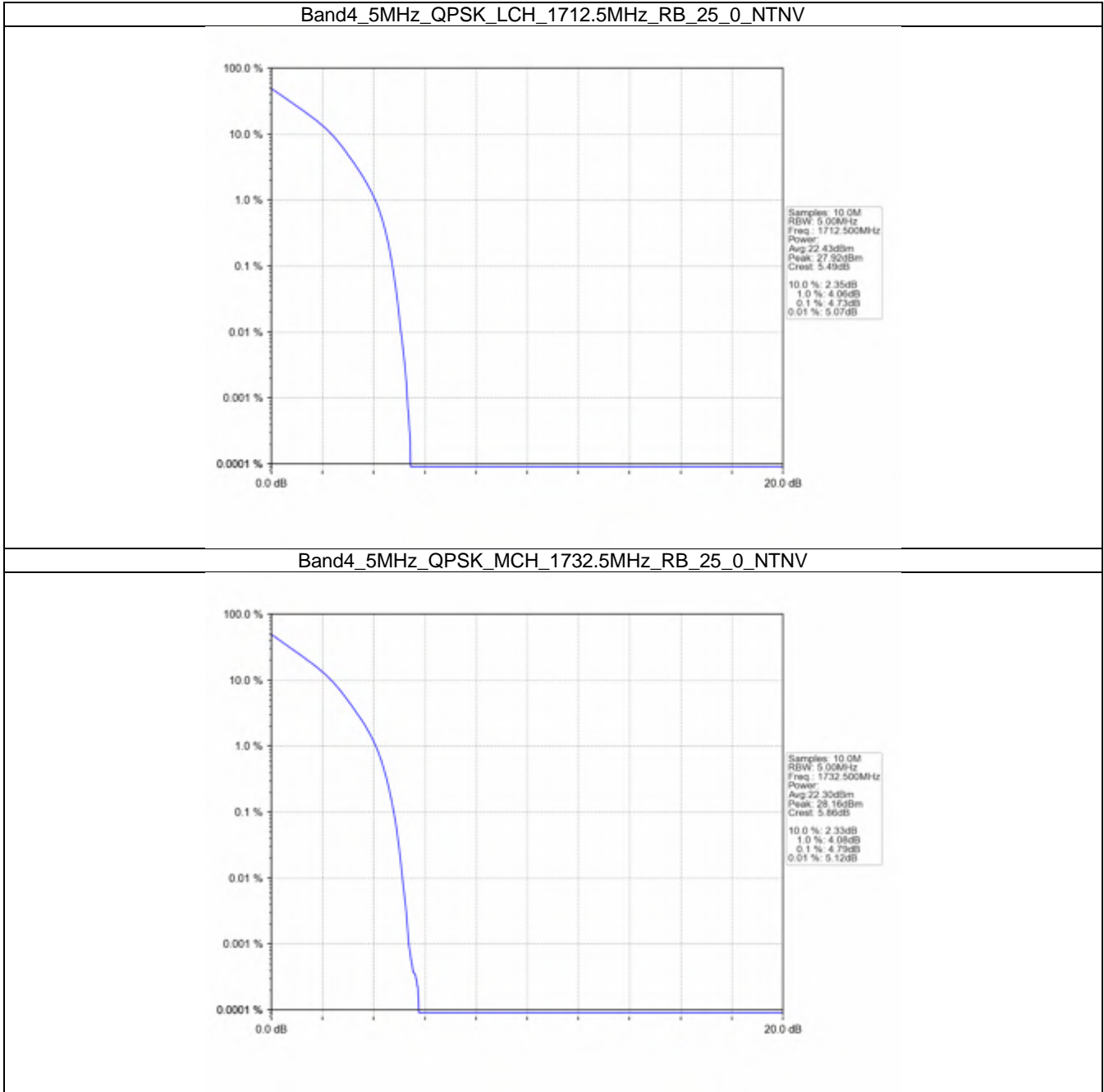
5.3 B4_5MHz

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	4.73	<=13	Pass
	1732.5	25	0	4.79	<=13	Pass
	1752.5	25	0	4.63	<=13	Pass
16QAM	1712.5	25	0	5.56	<=13	Pass
	1732.5	25	0	5.59	<=13	Pass
	1752.5	25	0	5.38	<=13	Pass
64QAM	1712.5	25	0	6.06	<=13	Pass
	1732.5	25	0	6.16	<=13	Pass
	1752.5	25	0	6.06	<=13	Pass

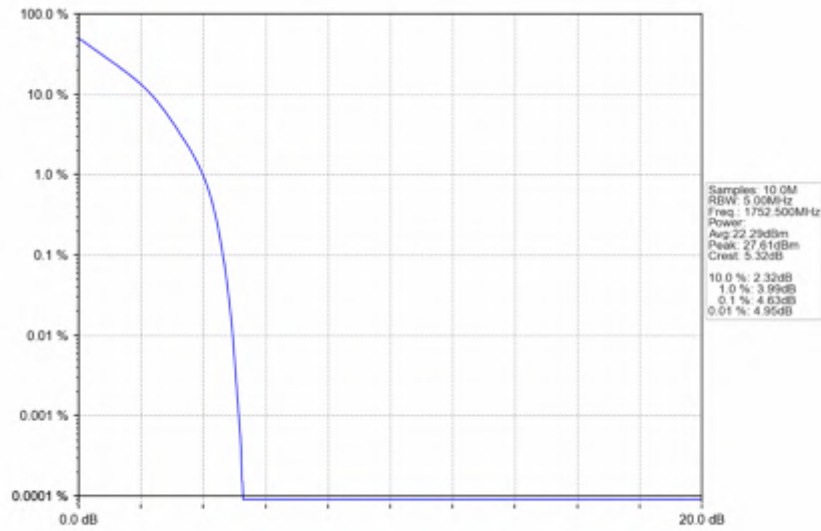


5.3.2 Test Graph

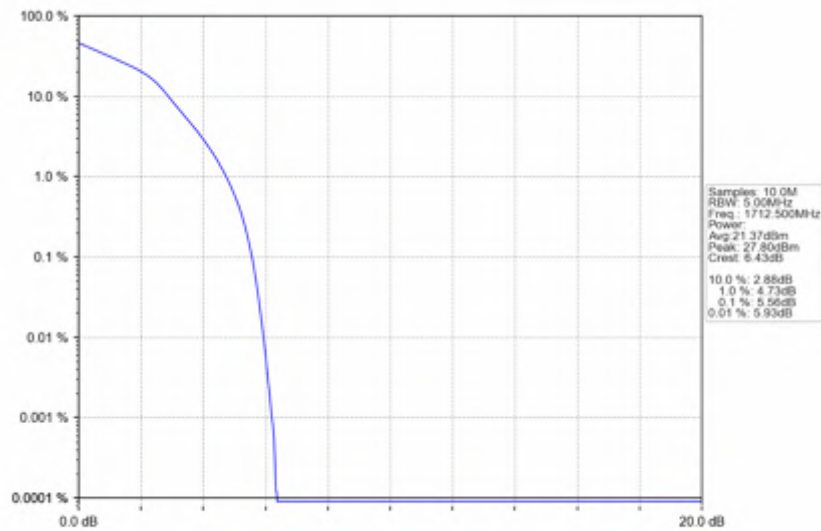




Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

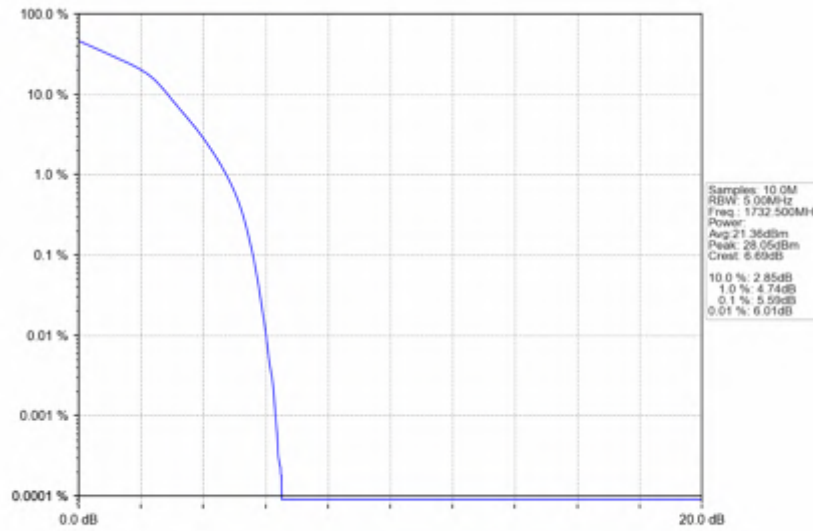


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

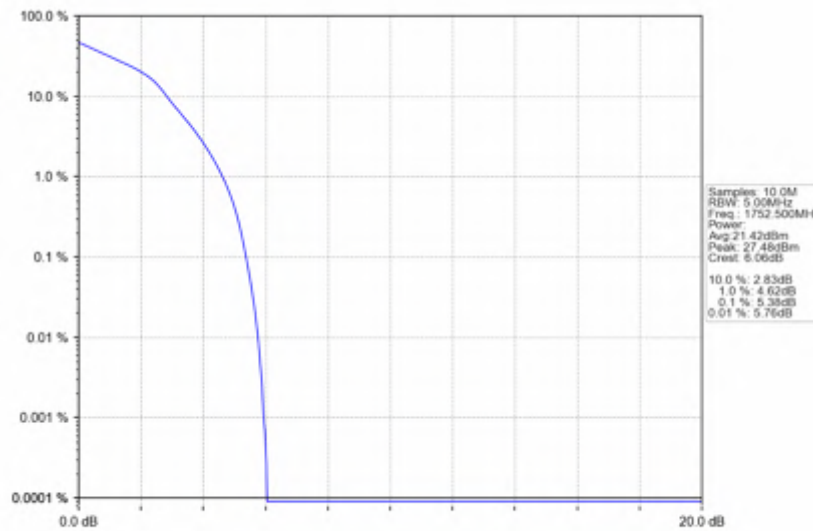




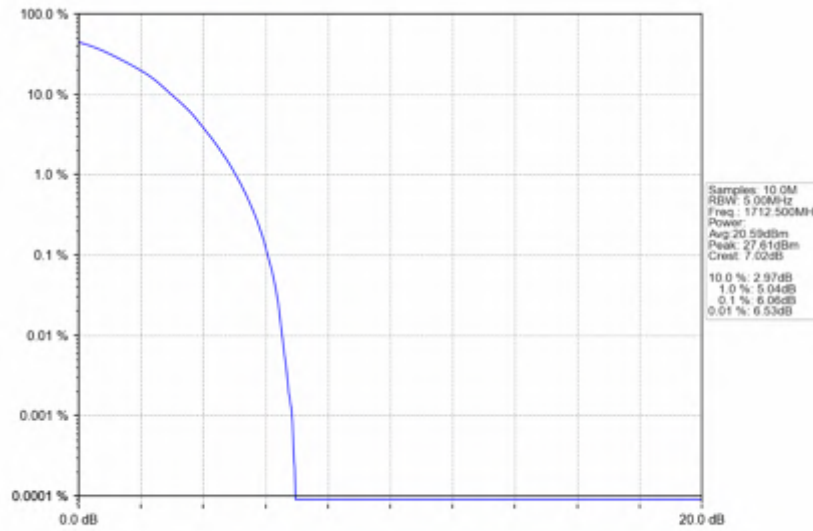
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



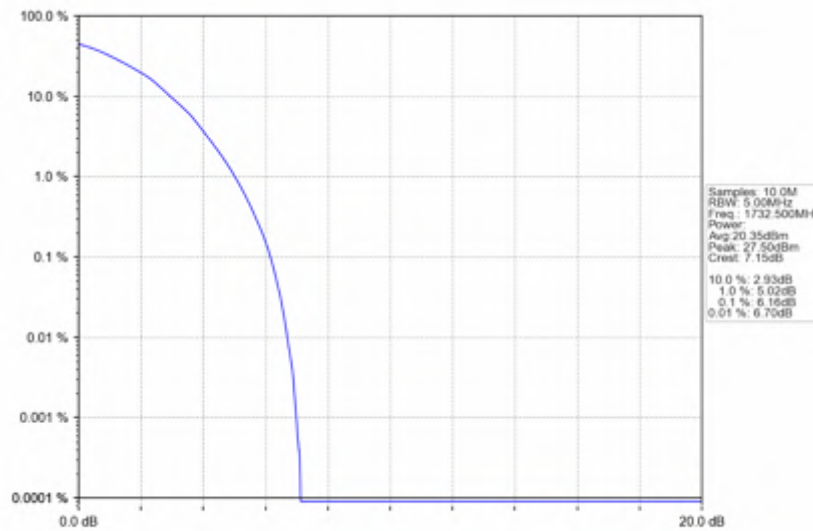
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

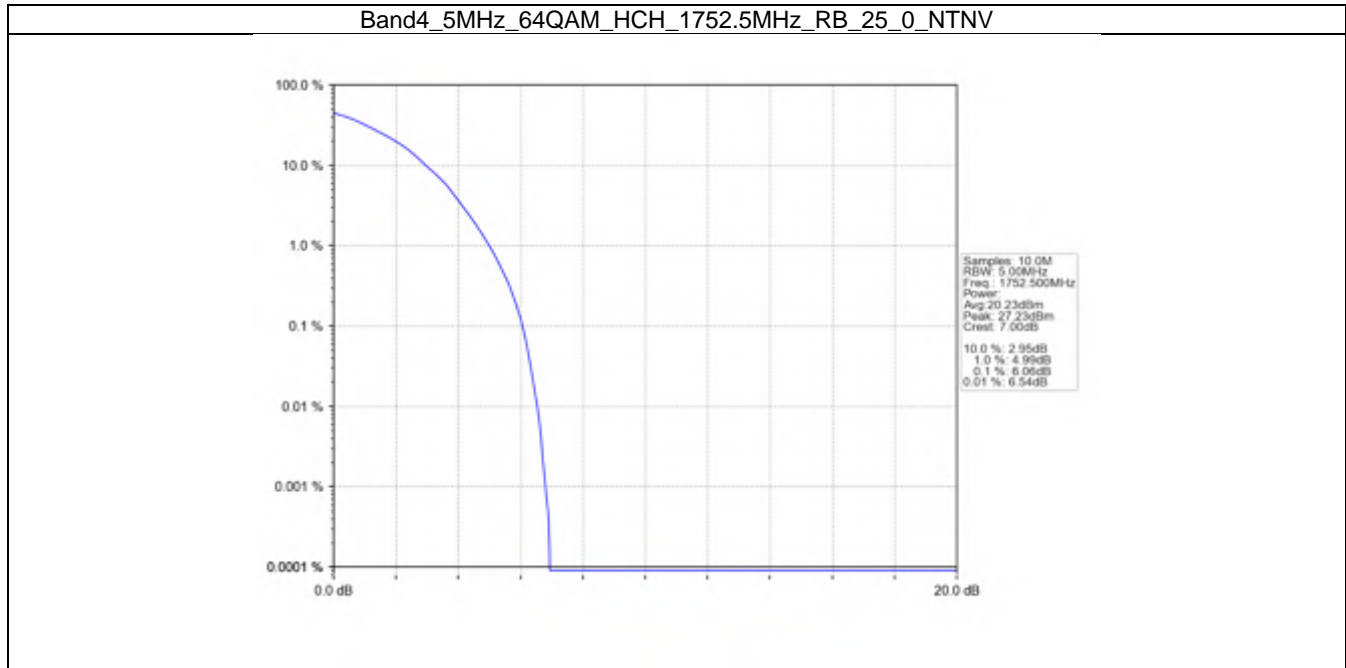


Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band4_5MHz_64QAM_MCH_1732.5MHz_RB_25_0_NTNV





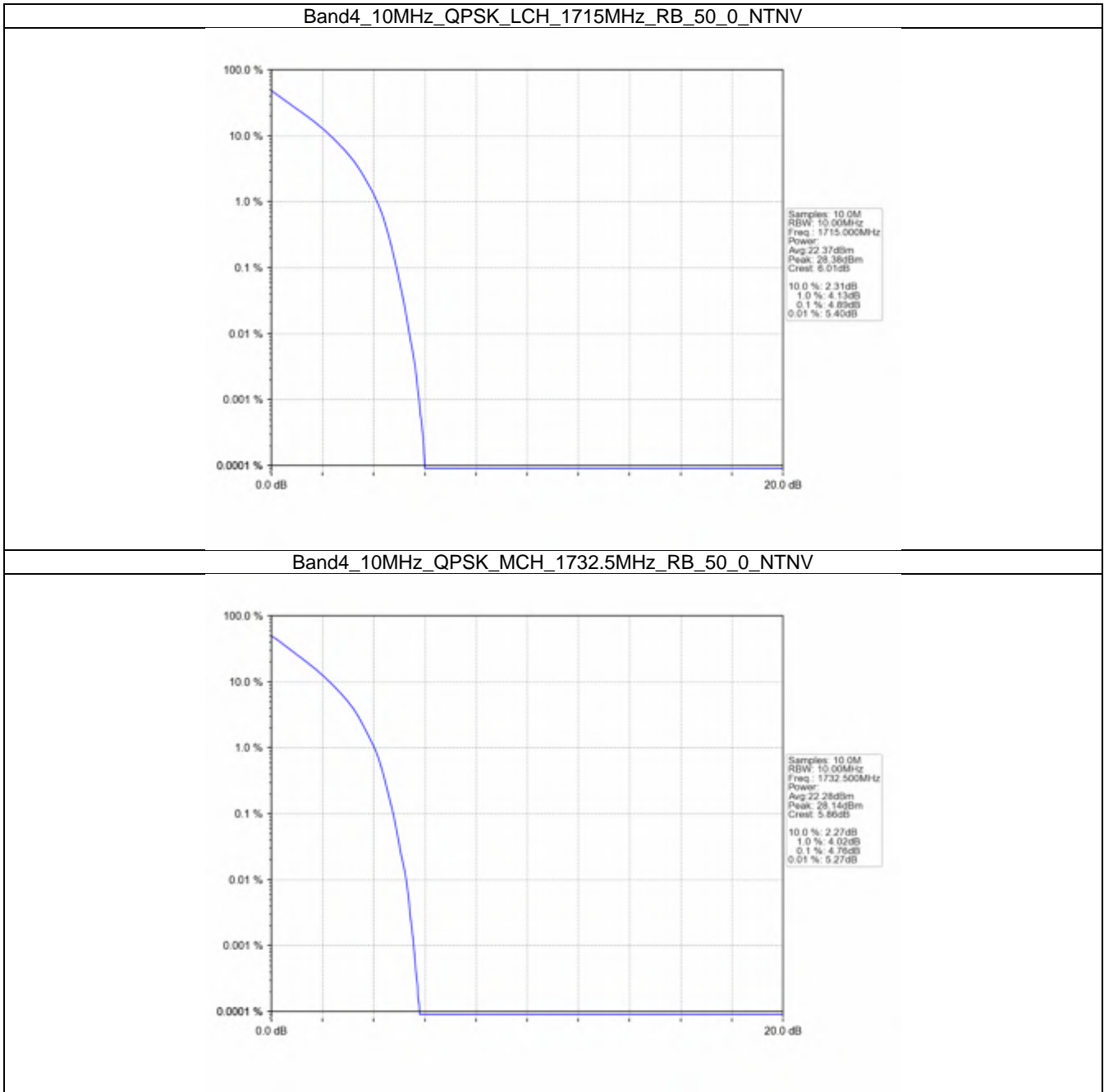
5.4 B4_10MHz

5.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	4.89	<=13	Pass
	1732.5	50	0	4.76	<=13	Pass
	1750	50	0	4.57	<=13	Pass
16QAM	1715	50	0	5.71	<=13	Pass
	1732.5	50	0	5.62	<=13	Pass
	1750	50	0	5.43	<=13	Pass
64QAM	1715	50	0	6.21	<=13	Pass
	1732.5	50	0	6.16	<=13	Pass
	1750	50	0	5.93	<=13	Pass

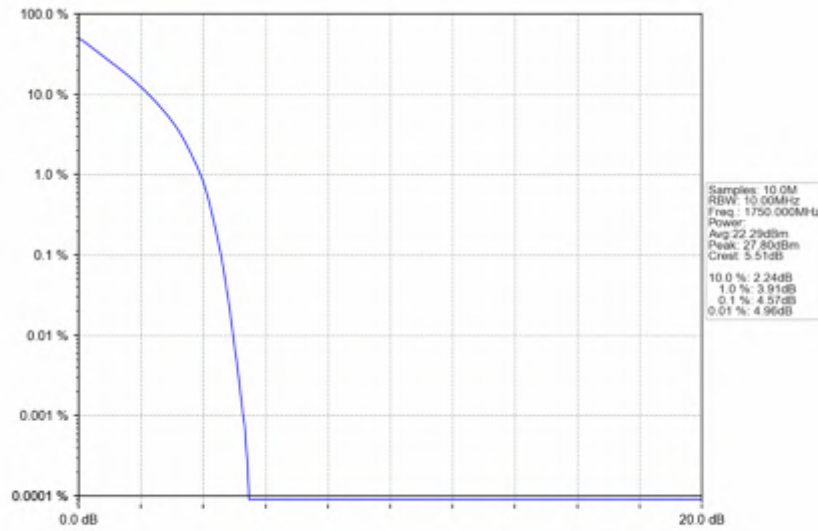


5.4.2 Test Graph

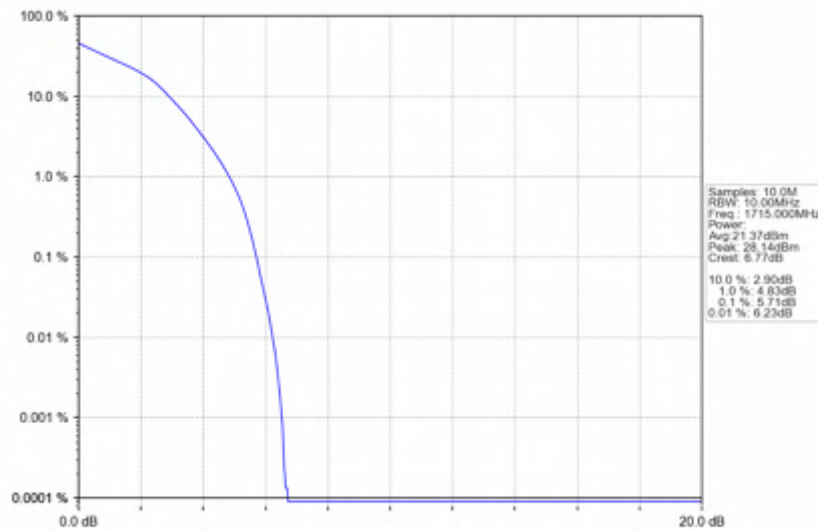




Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

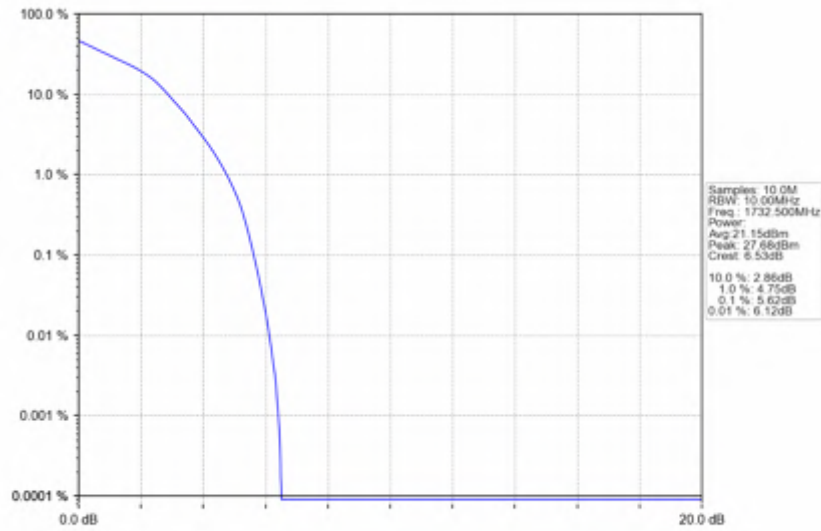


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

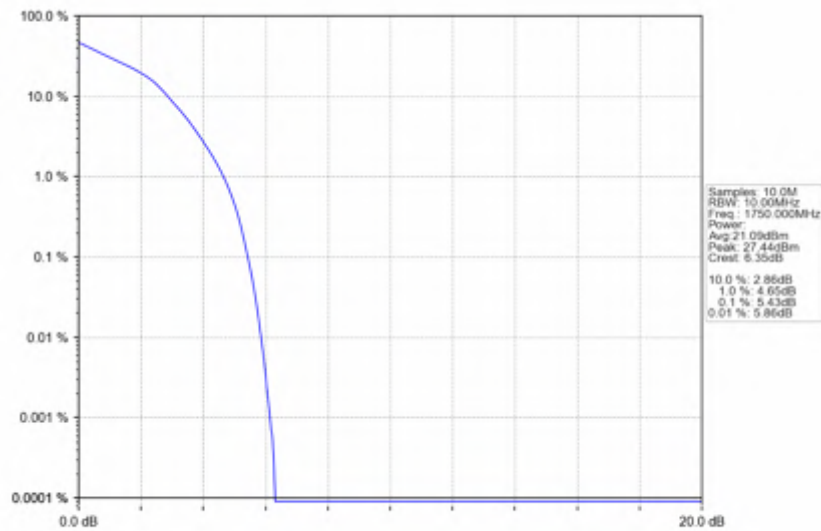




Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV

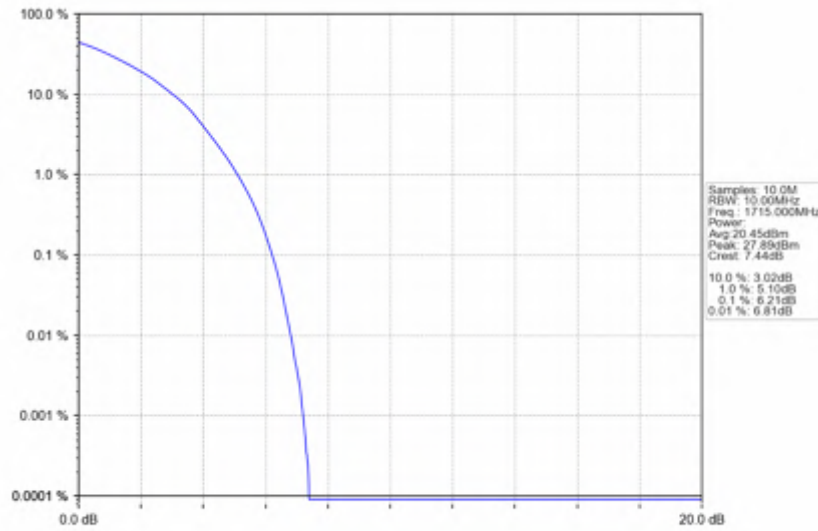


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

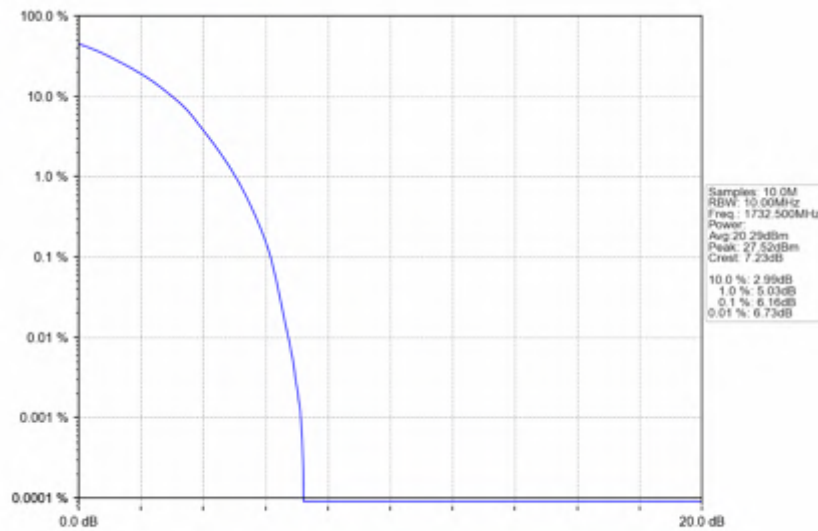


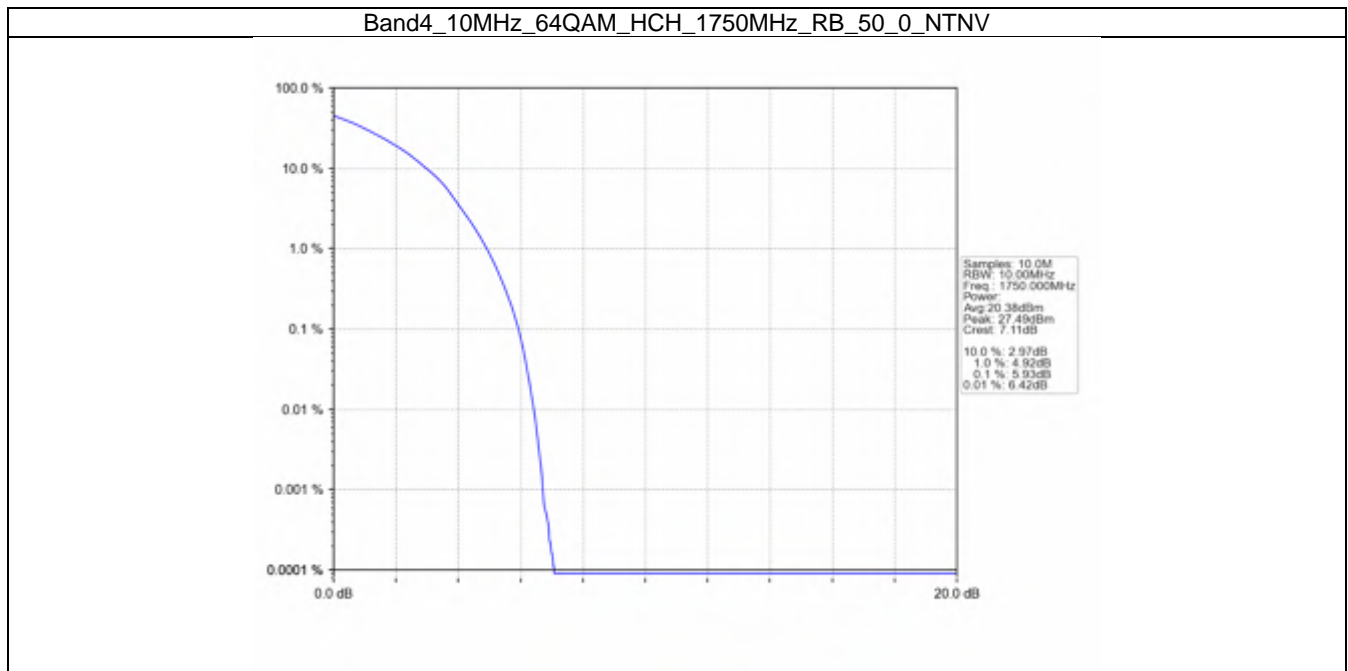


Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



Band4_10MHz_64QAM_MCH_1732.5MHz_RB_50_0_NTNV





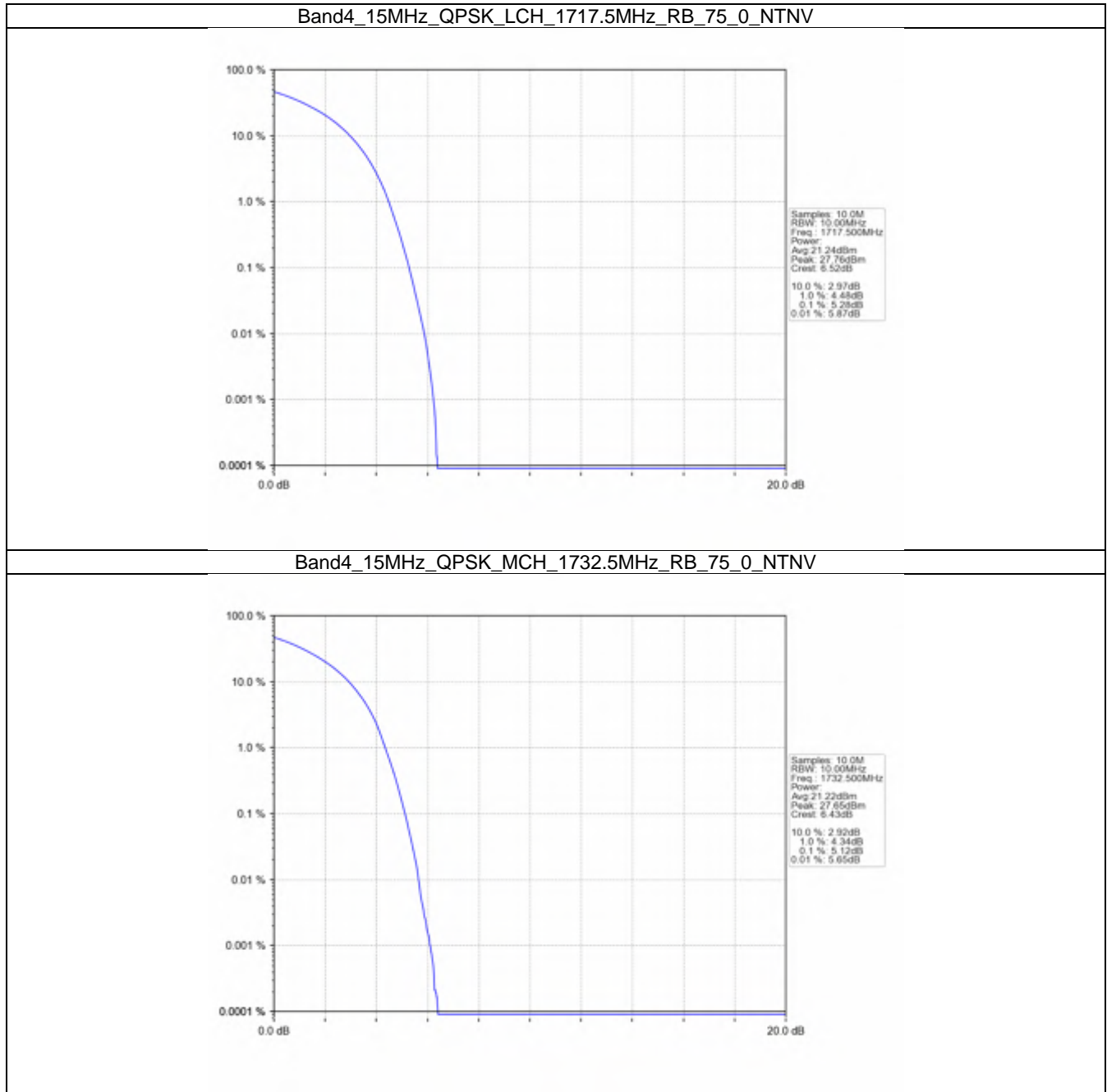
5.5 B4_15MHz

5.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.28	<=13	Pass
	1732.5	75	0	5.12	<=13	Pass
	1747.5	75	0	5.17	<=13	Pass
16QAM	1717.5	75	0	6.33	<=13	Pass
	1732.5	75	0	6.15	<=13	Pass
	1747.5	75	0	6.15	<=13	Pass
64QAM	1717.5	75	0	6.58	<=13	Pass
	1732.5	75	0	6.44	<=13	Pass
	1747.5	75	0	6.39	<=13	Pass

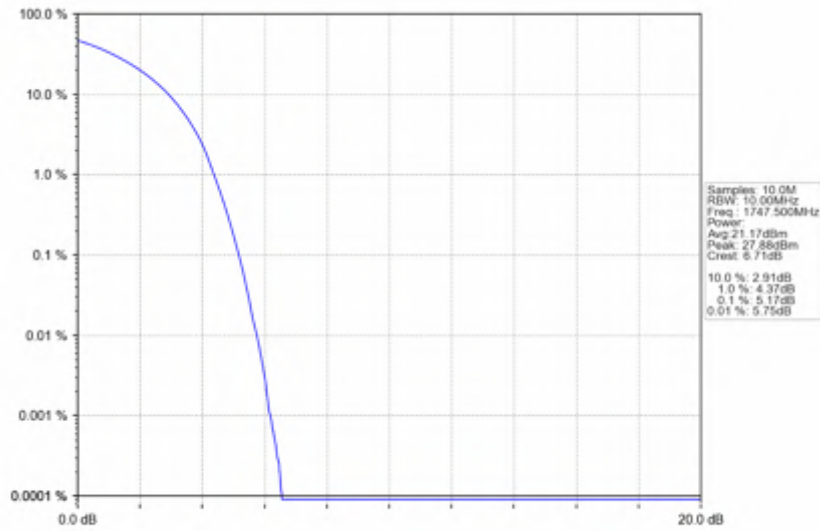


5.5.2 Test Graph

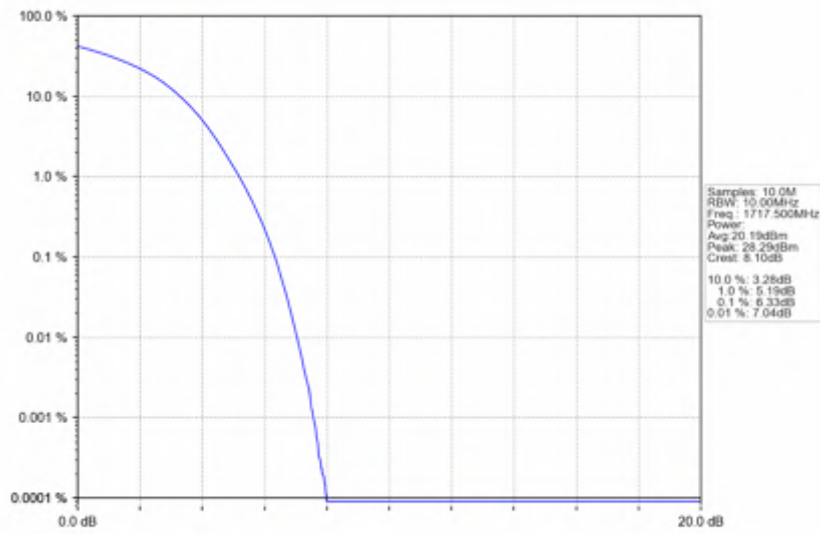




Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

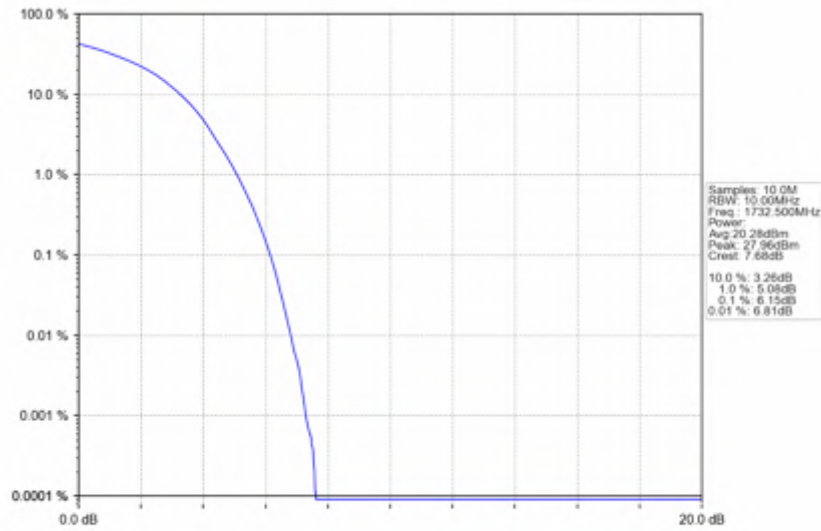


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

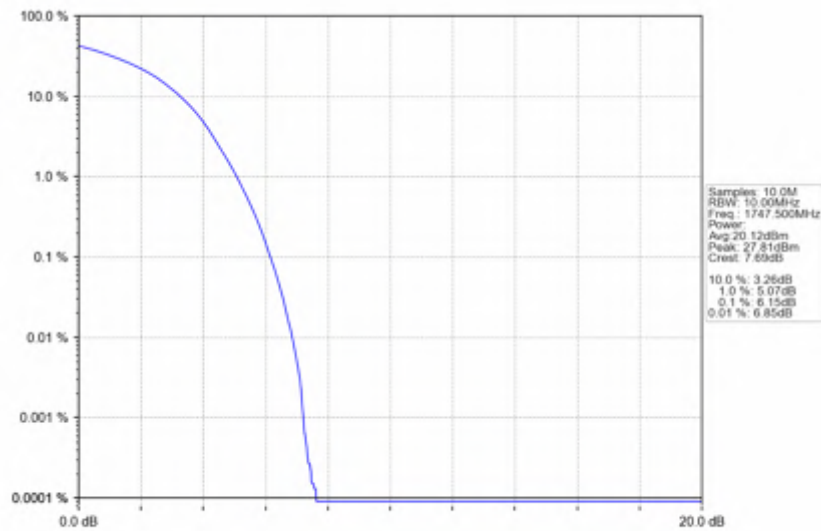




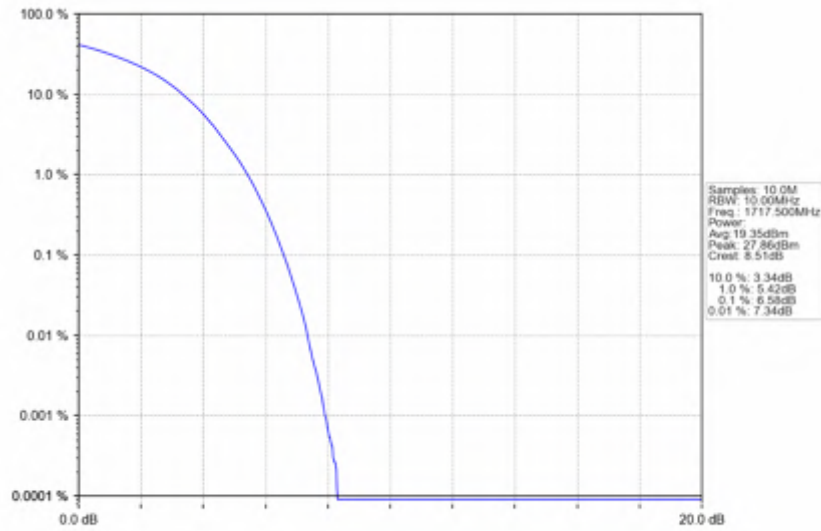
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



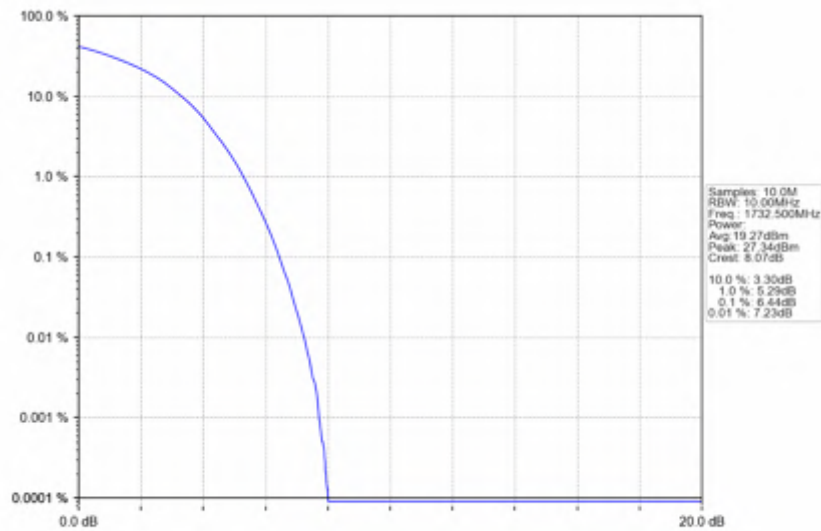
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

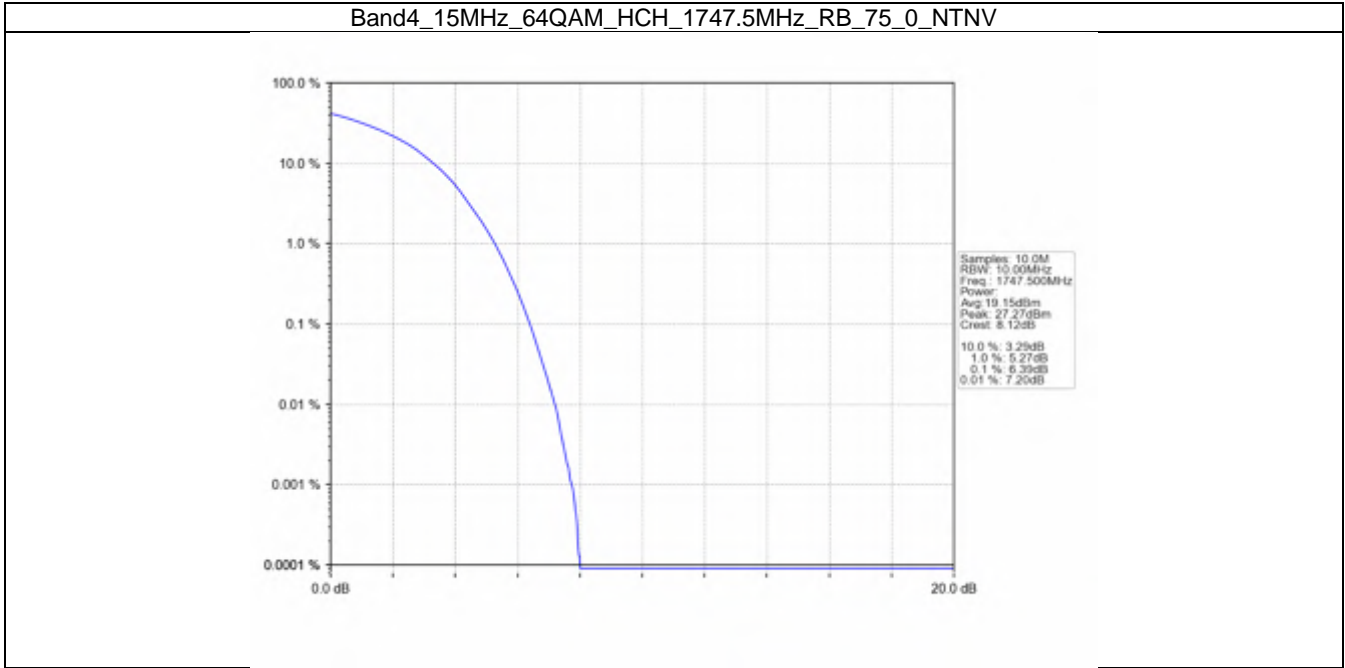


Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



Band4_15MHz_64QAM_MCH_1732.5MHz_RB_75_0_NTNV





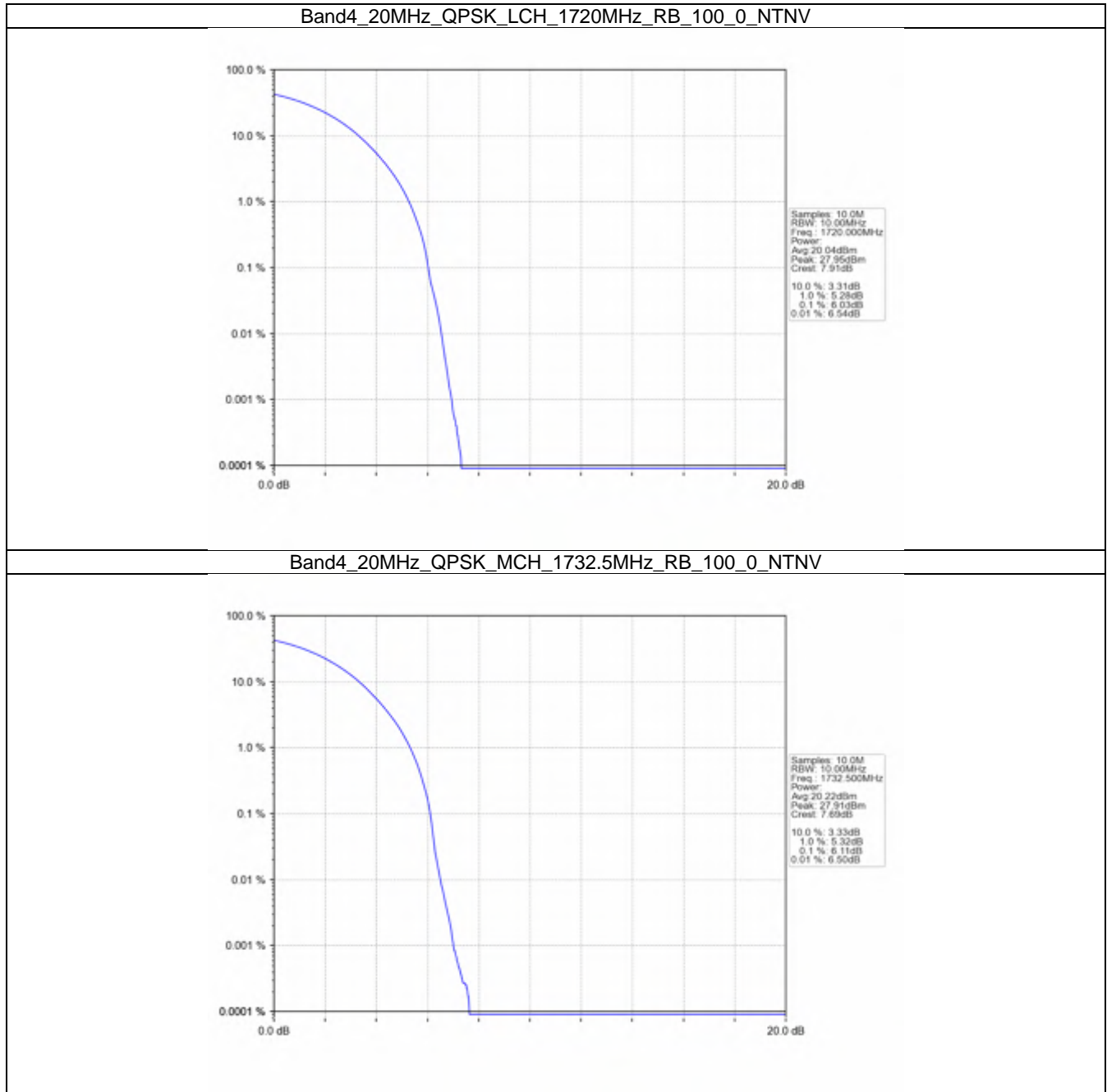
5.6 B4_20MHz

5.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	6.03	<=13	Pass
	1732.5	100	0	6.11	<=13	Pass
	1745	100	0	6.16	<=13	Pass
16QAM	1720	100	0	6.84	<=13	Pass
	1732.5	100	0	6.72	<=13	Pass
	1745	100	0	6.71	<=13	Pass
64QAM	1720	100	0	6.96	<=13	Pass
	1732.5	100	0	7.00	<=13	Pass
	1745	100	0	6.90	<=13	Pass

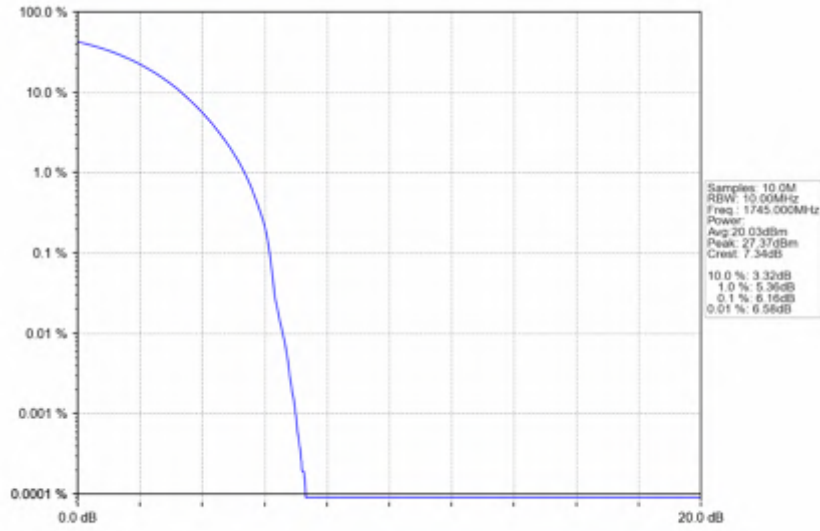


5.6.2 Test Graph

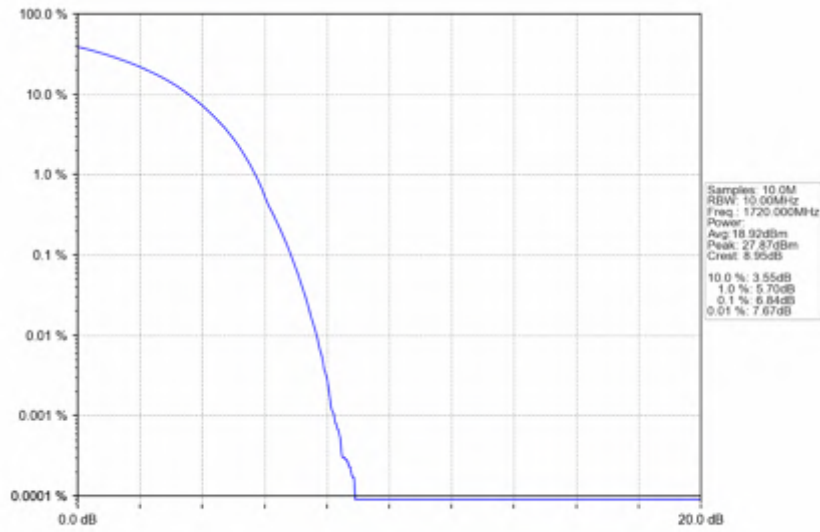




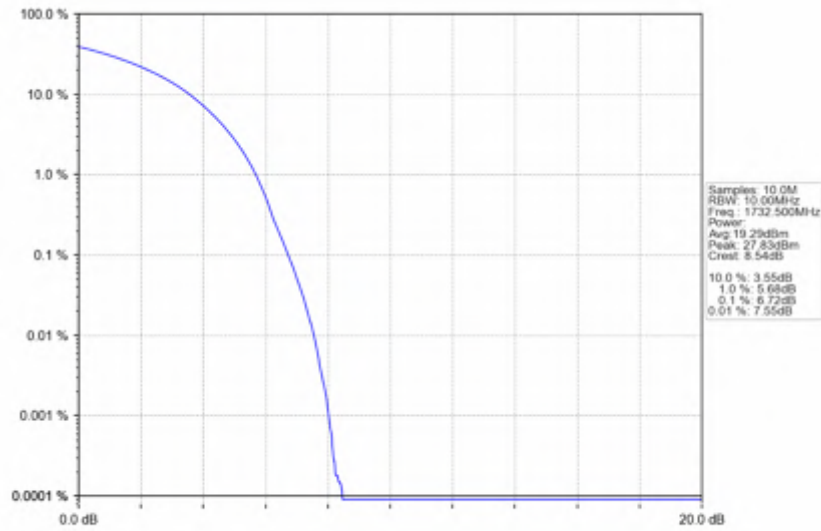
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



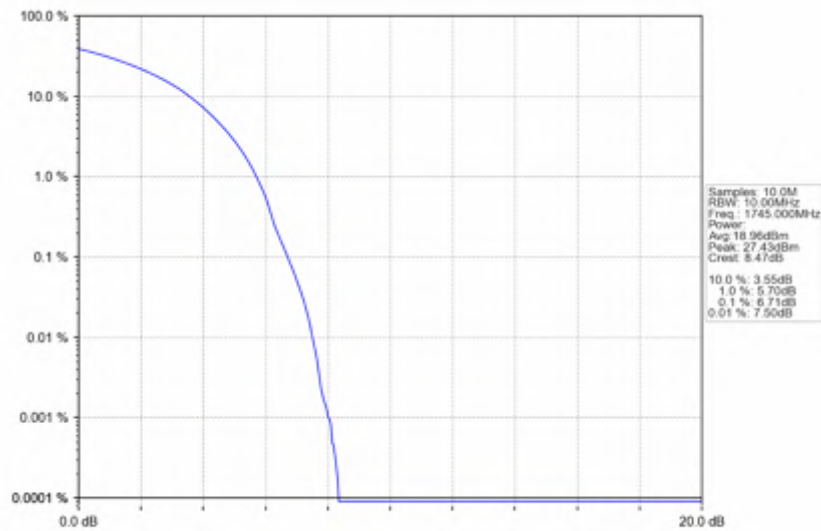
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

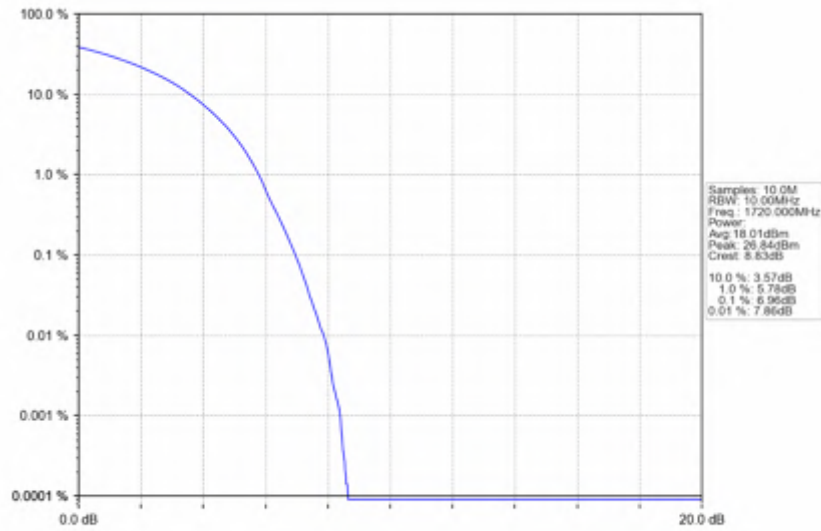


Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV

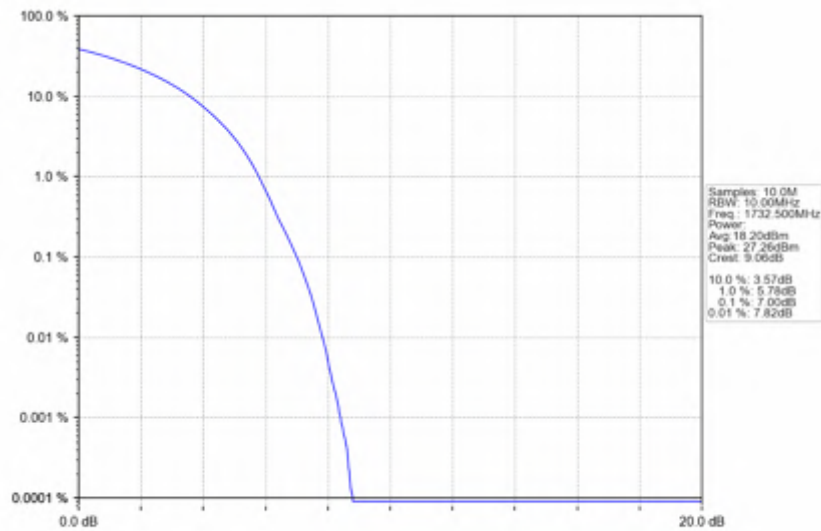


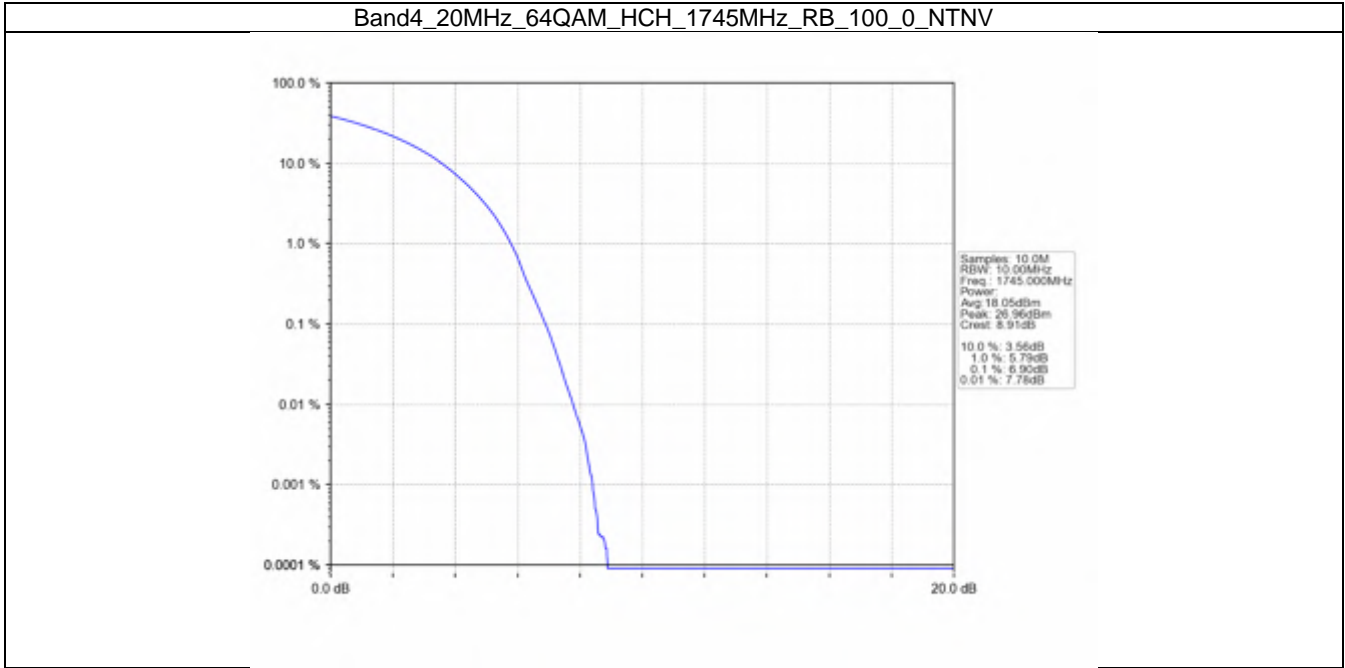


Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV





6. Spurious Emission

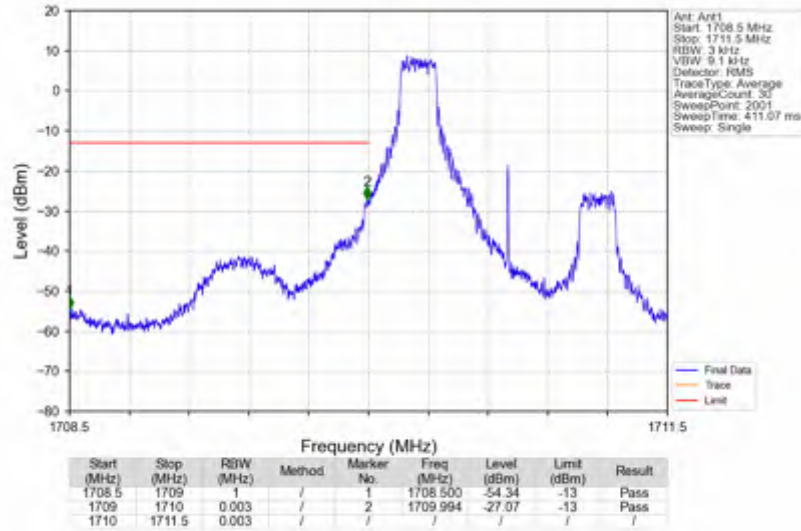
6.1 B4_1.4MHz

6.1.1 Test Result

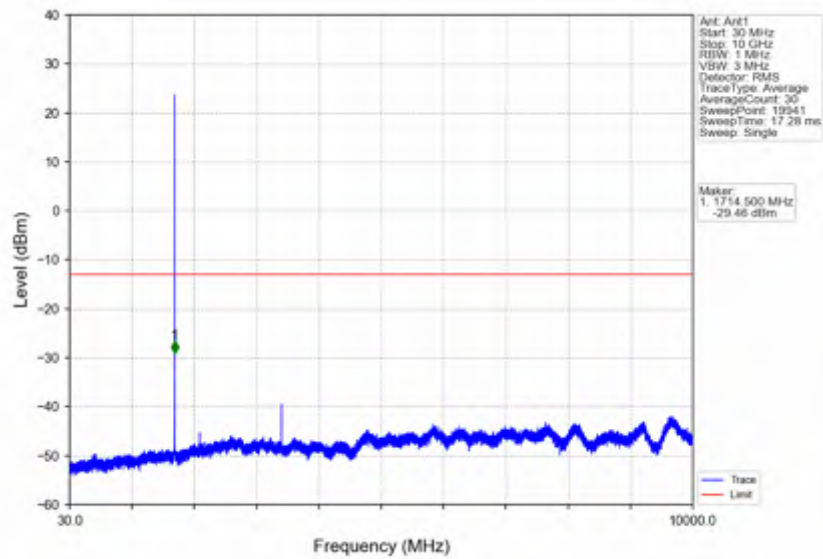
Band: 4 / Bandwidth: 1.4MHz / NTNv							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1710.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1754.3	1	0	Refer To Test Graph		Pass
				5	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	
	1732.5	1	0	Refer To Test Graph		Pass	
		1754.3	1	0	Refer To Test Graph		Pass
				5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass	
64QAM	1710.7	1	0	Refer To Test Graph		Pass	
		6	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1754.3	1	0	Refer To Test Graph		Pass
				5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass	

6.1.2 Test Graph

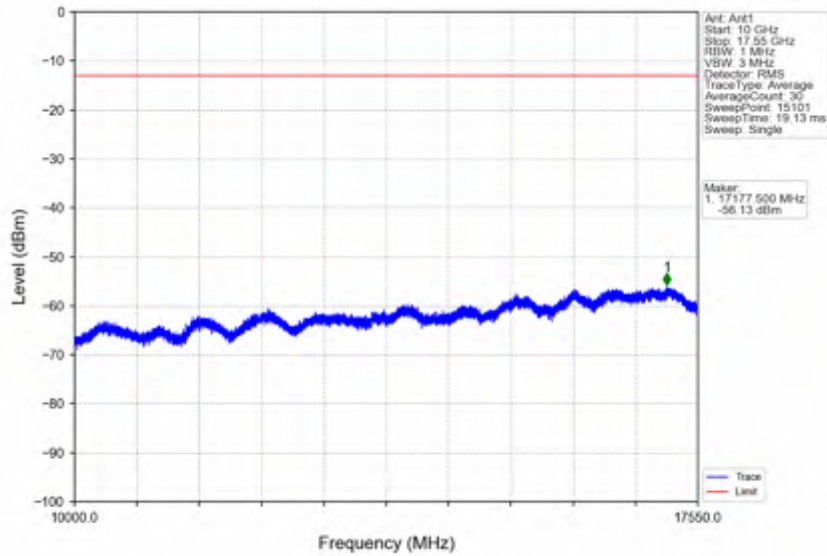
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



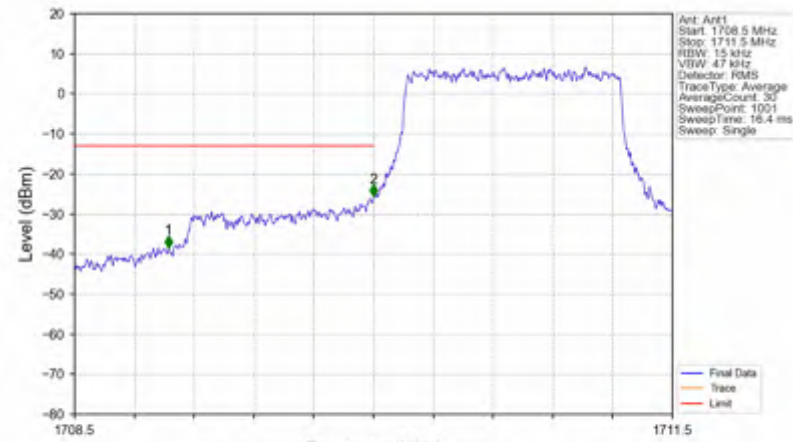
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

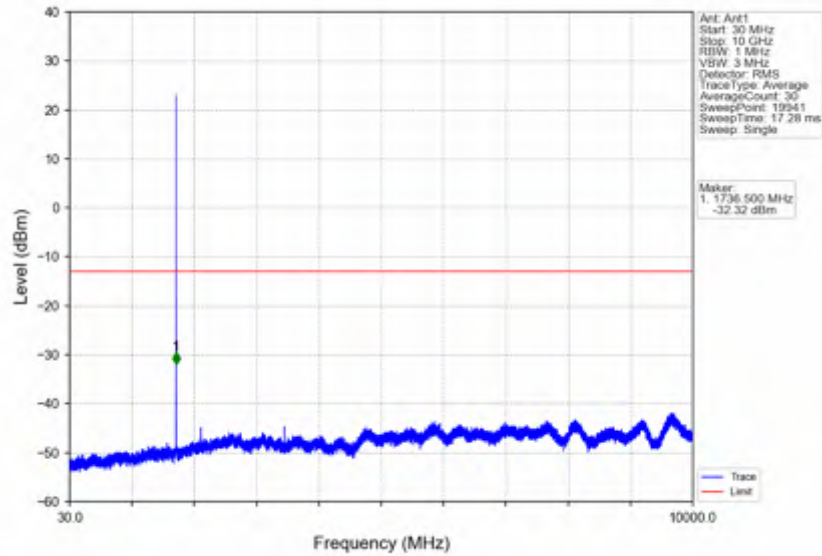


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

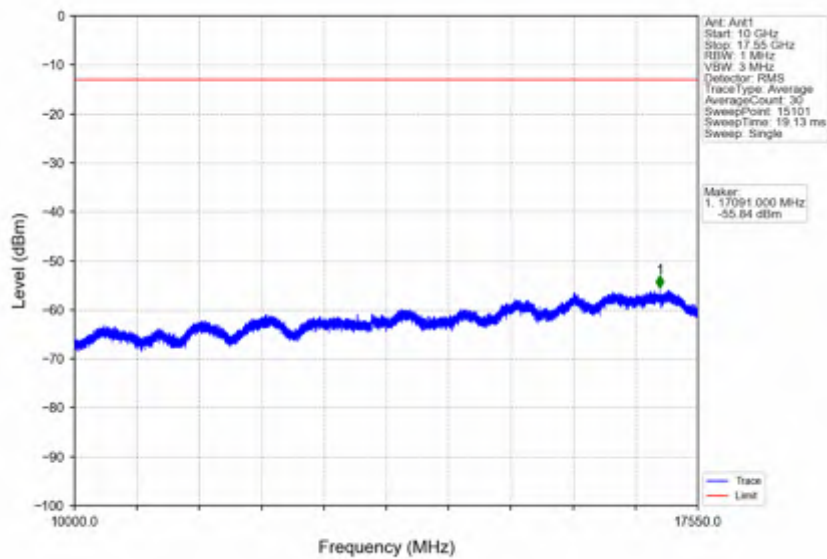


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.571	-38.47	-13	Pass
1709	1710	0.015	/	2	1710.000	-25.64	-13	Pass

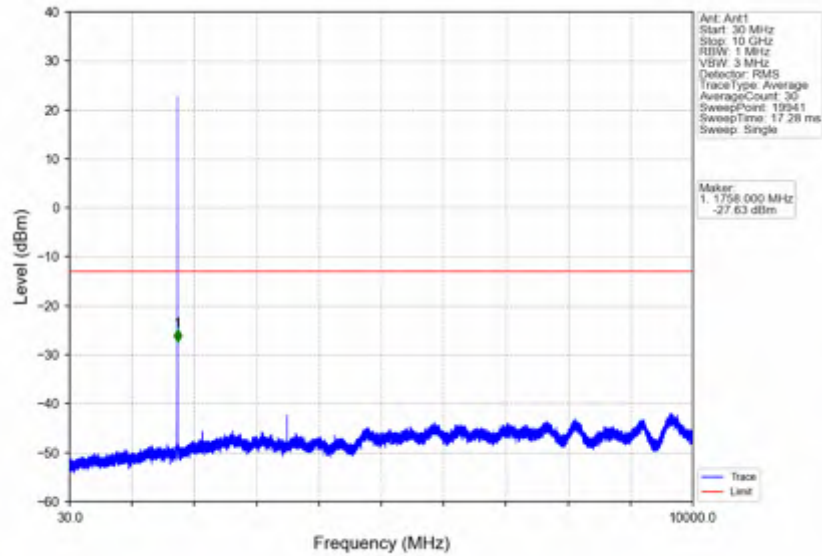
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



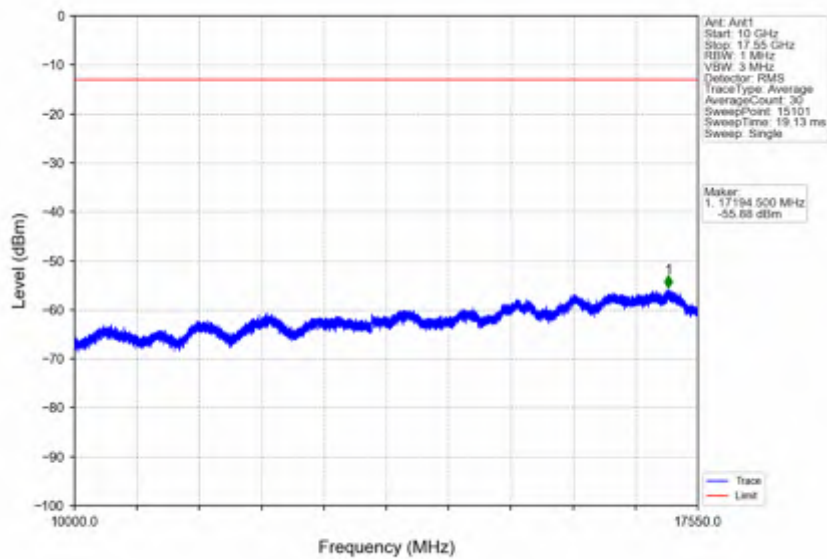
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



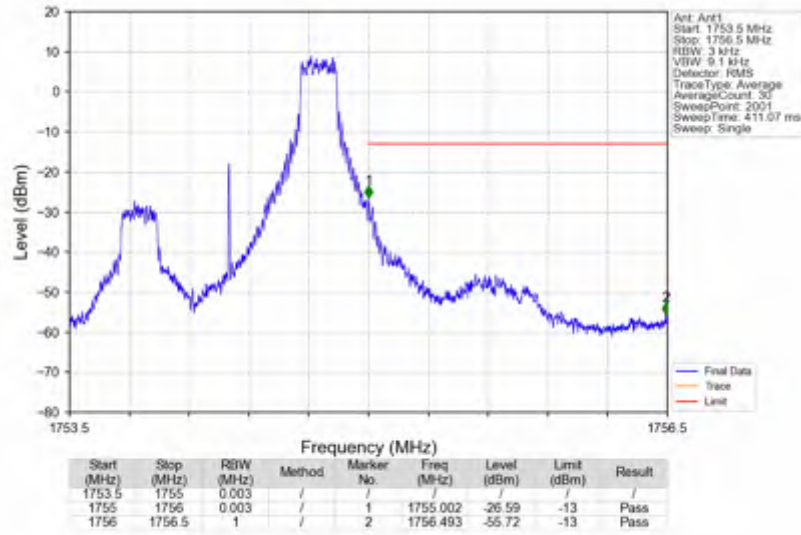
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



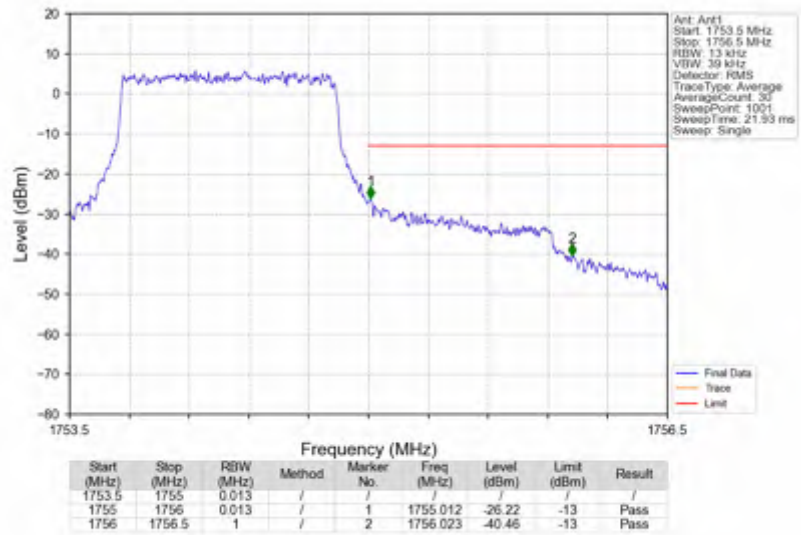
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



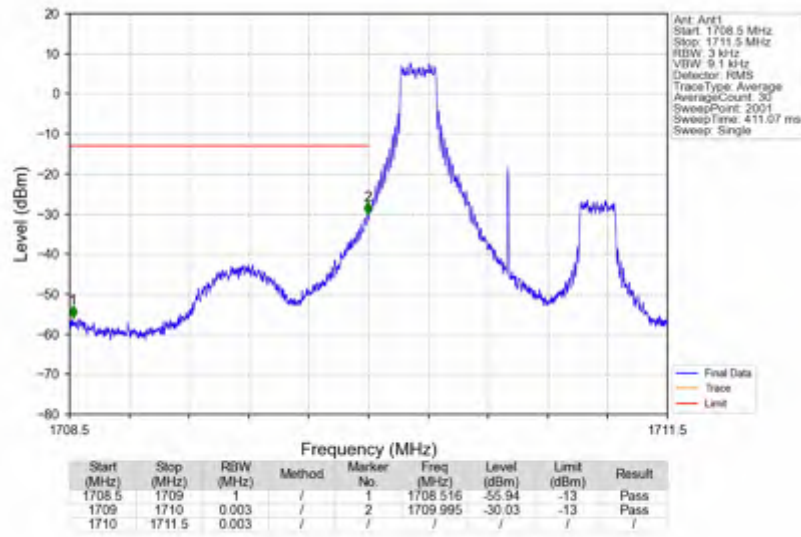
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



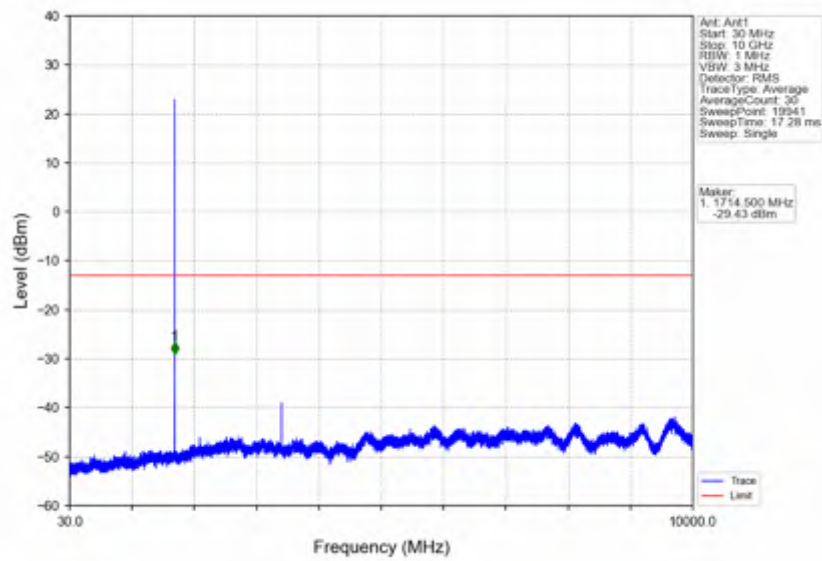
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



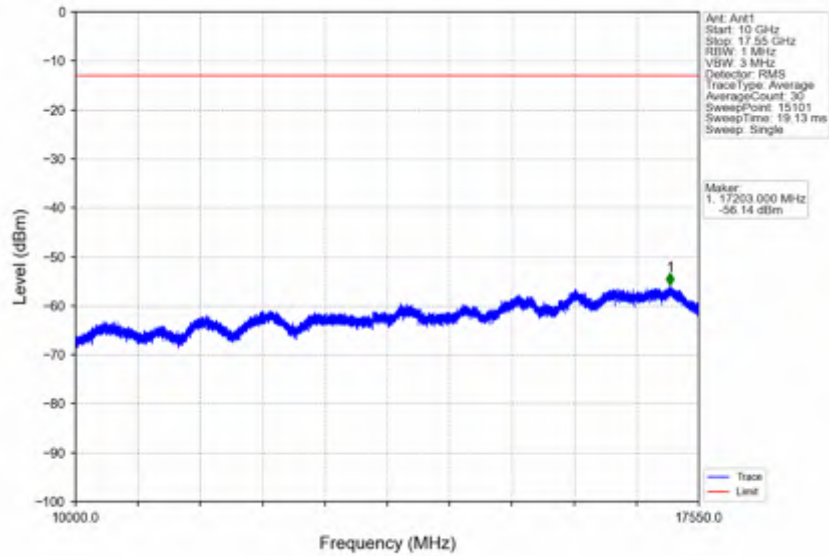
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



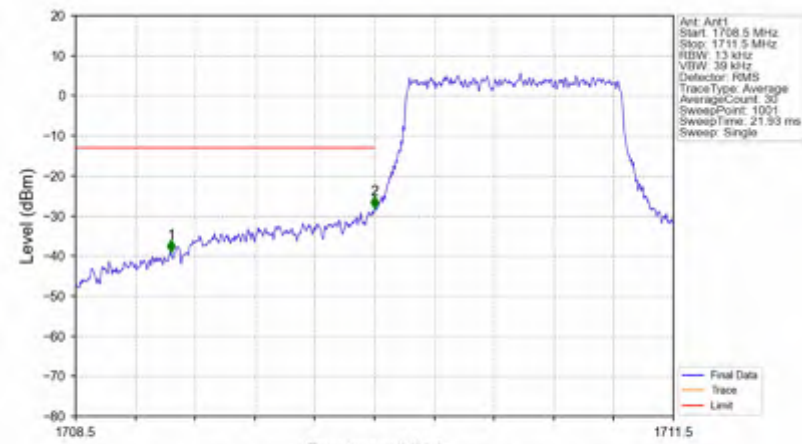
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

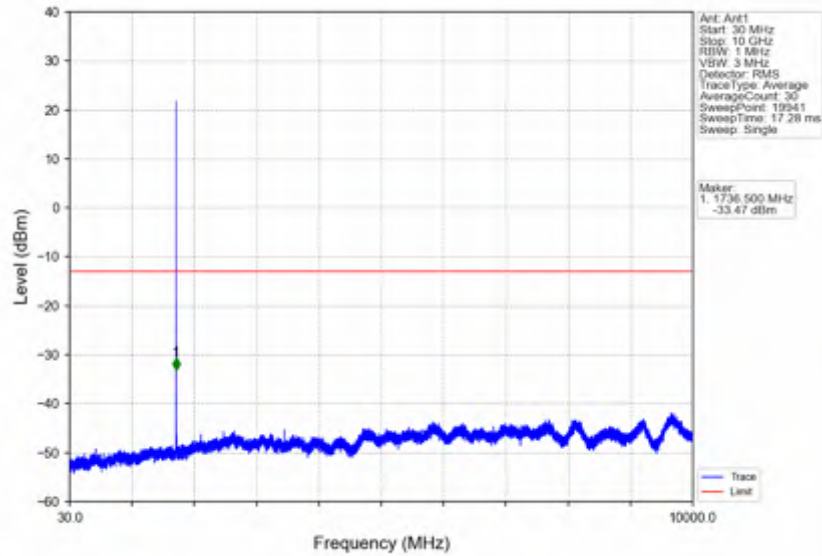


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

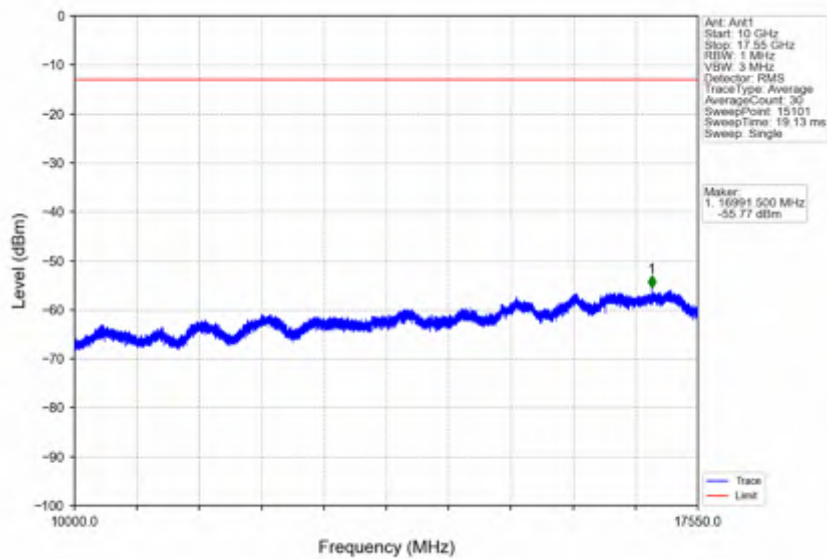


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.580	-39.16	-13	Pass
1709	1710	0.013	/	2	1710.000	-28.18	-13	Pass

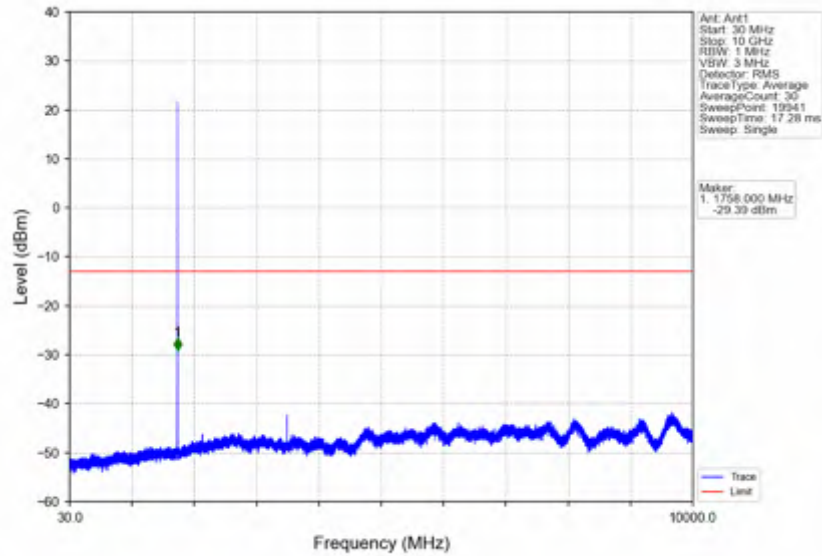
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



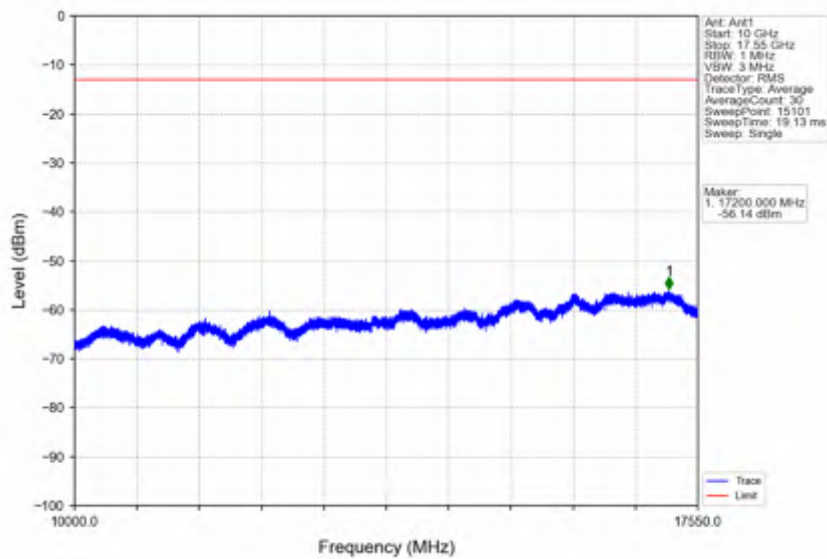
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



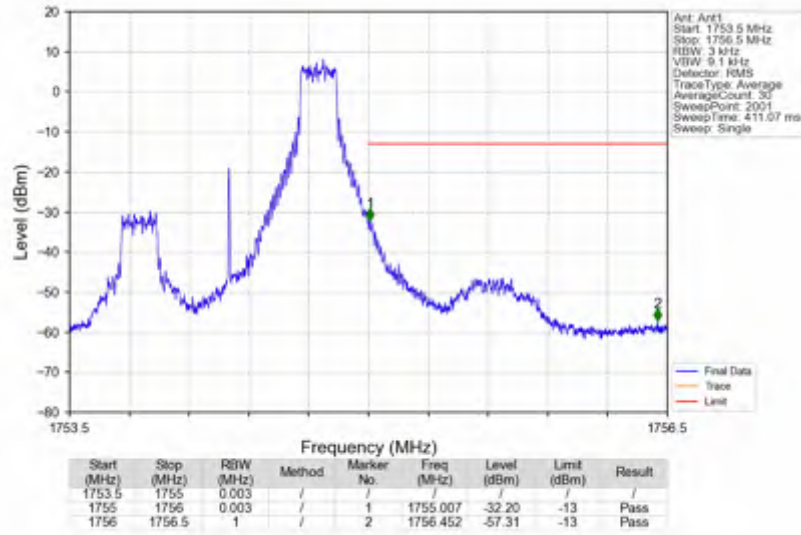
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



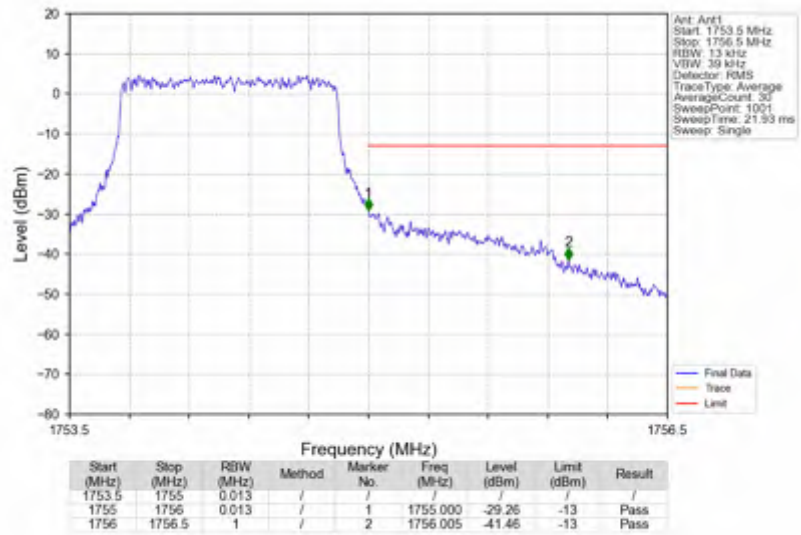
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



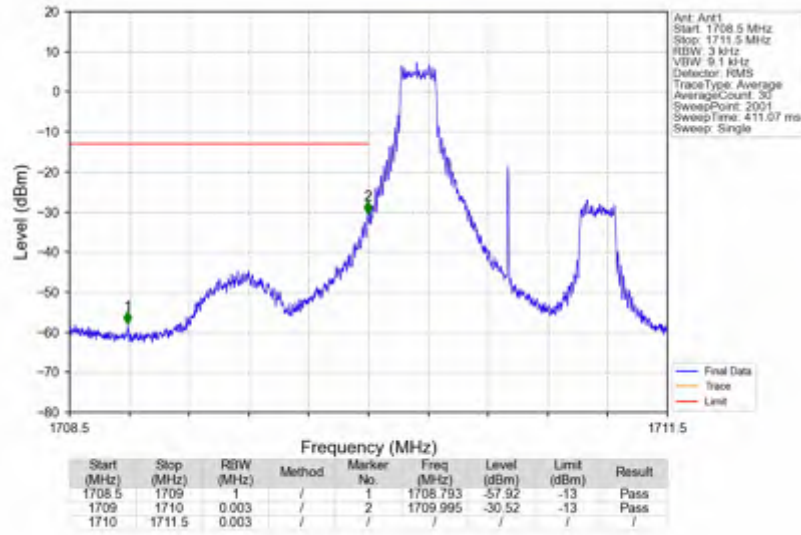
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



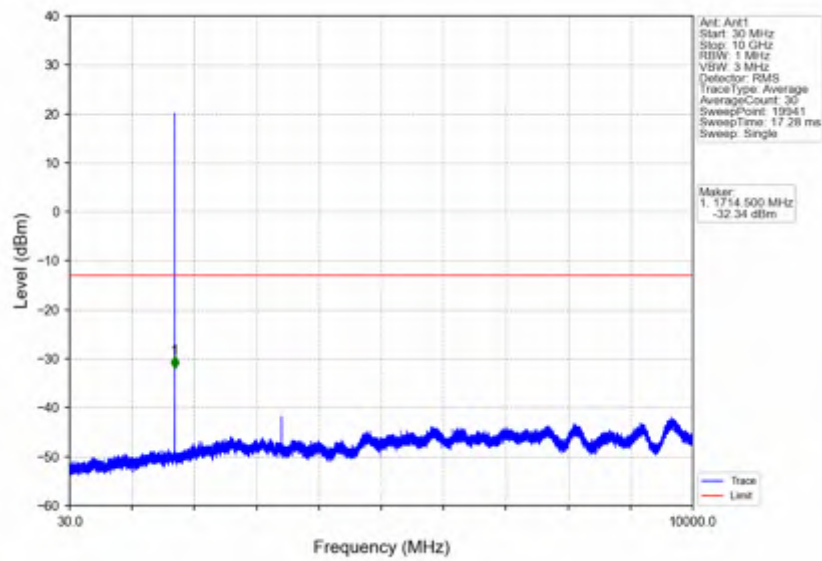
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



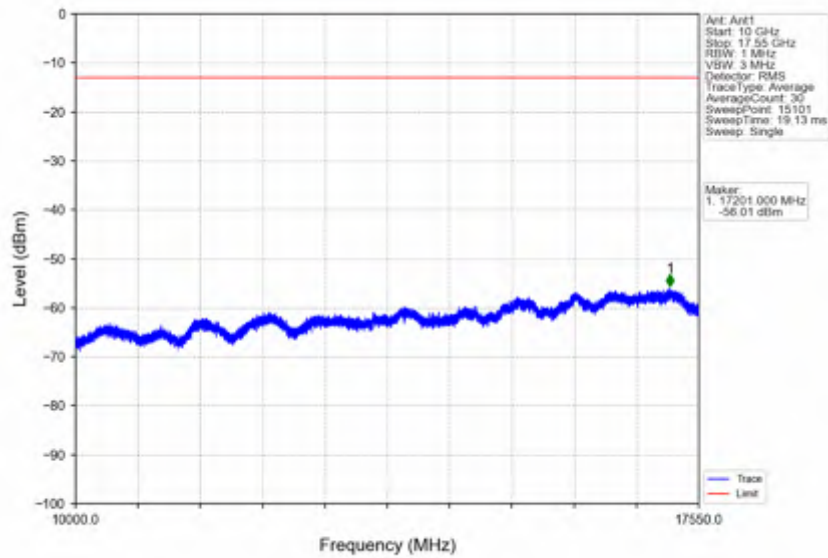
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_1_0_NTNV



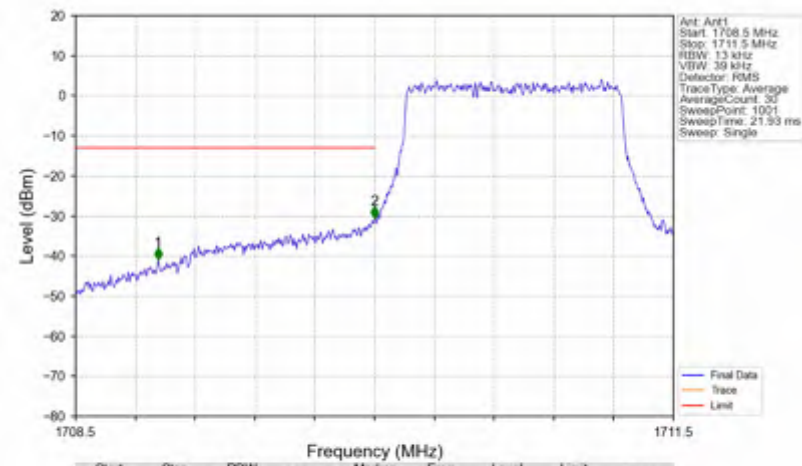
Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_1_0_NTNV

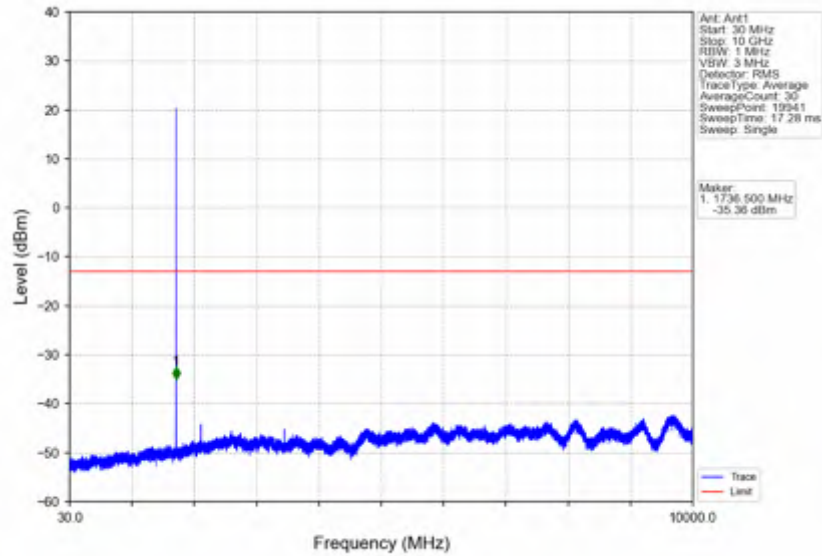


Band4_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV

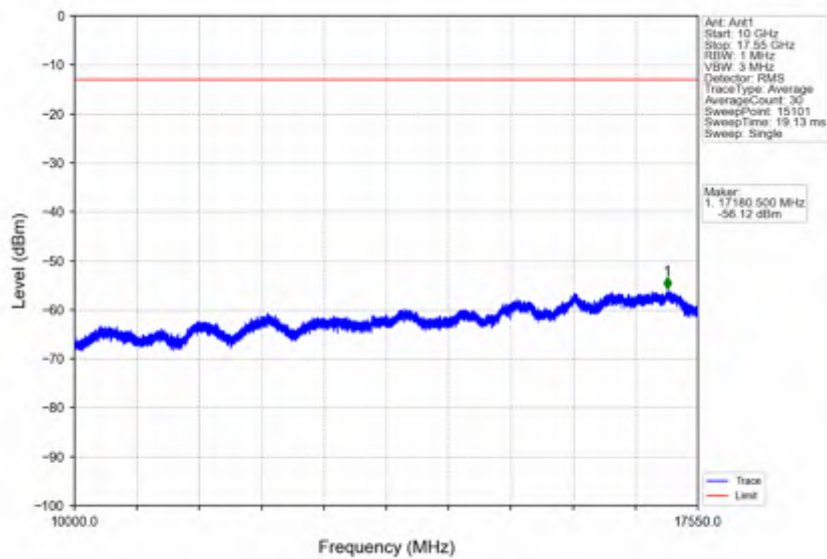


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.514	-40.95	-13	Pass
1709	1710	0.013	/	2	1710.000	-30.57	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

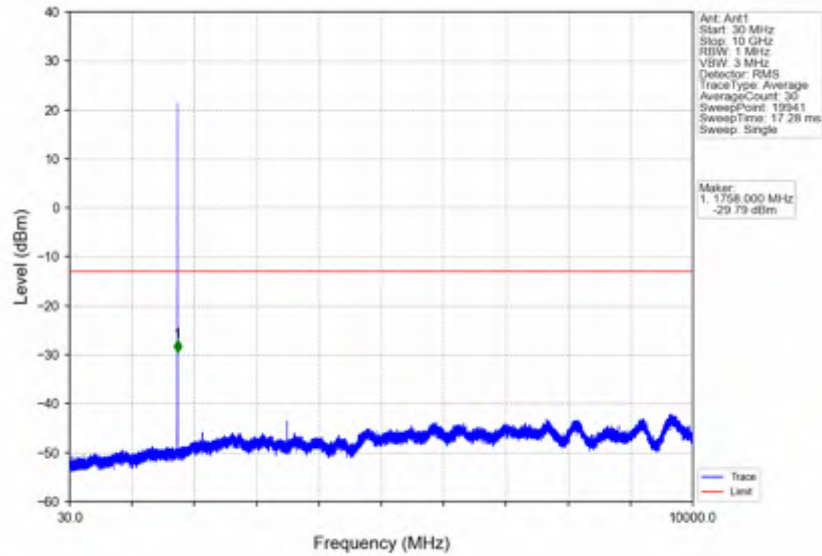
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



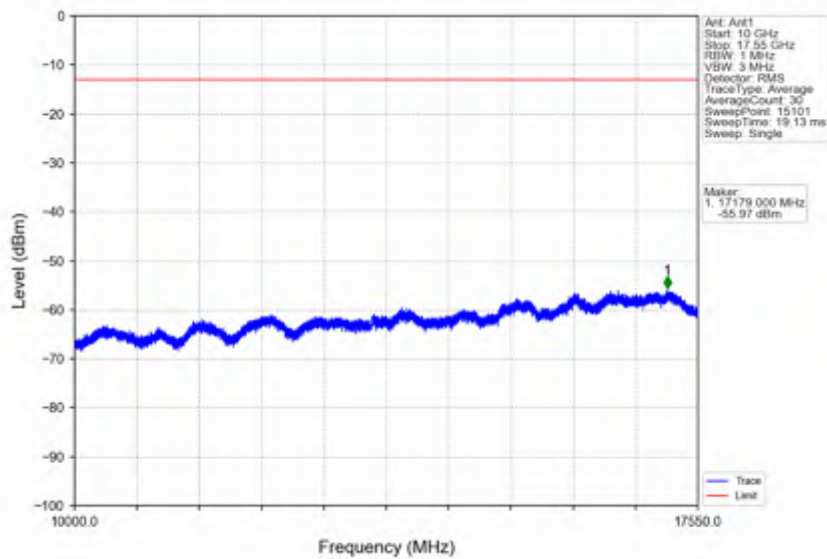
Band4_1.4MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



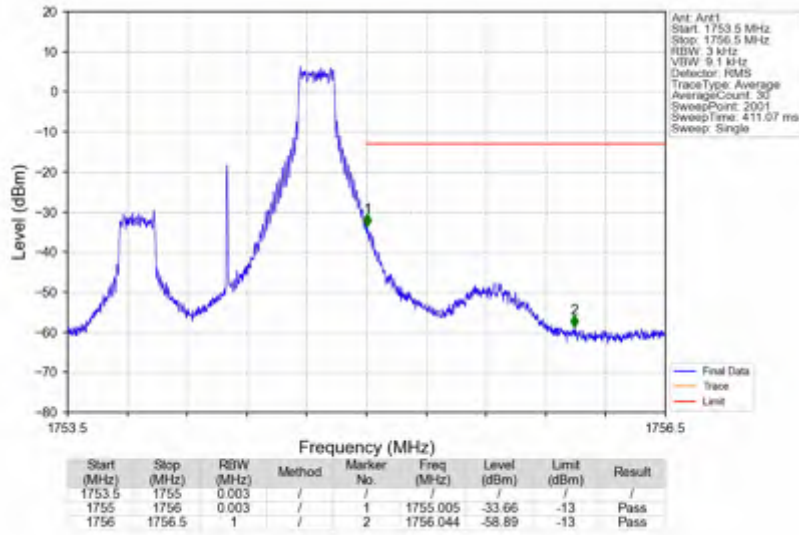
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_1_0_NTNV



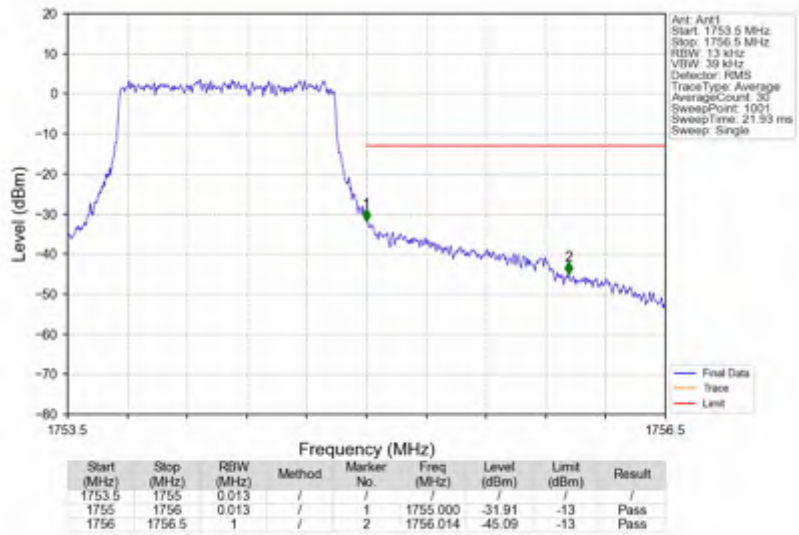
Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_1_5_NTNV



Band4_1.4MHz_64QAM_HCH_1754.3MHz_RB_6_0_NTNV



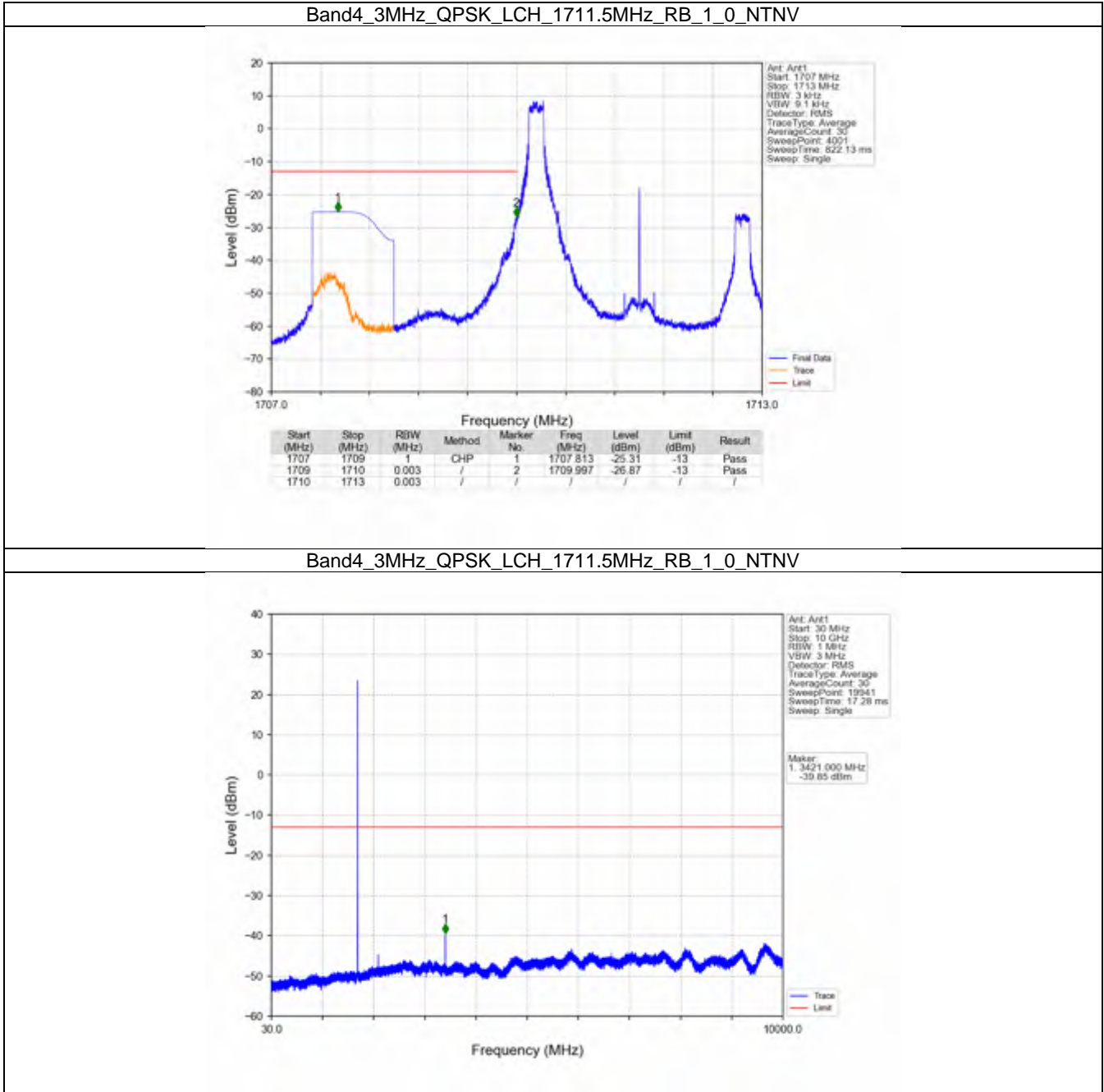


6.2 B4_3MHz

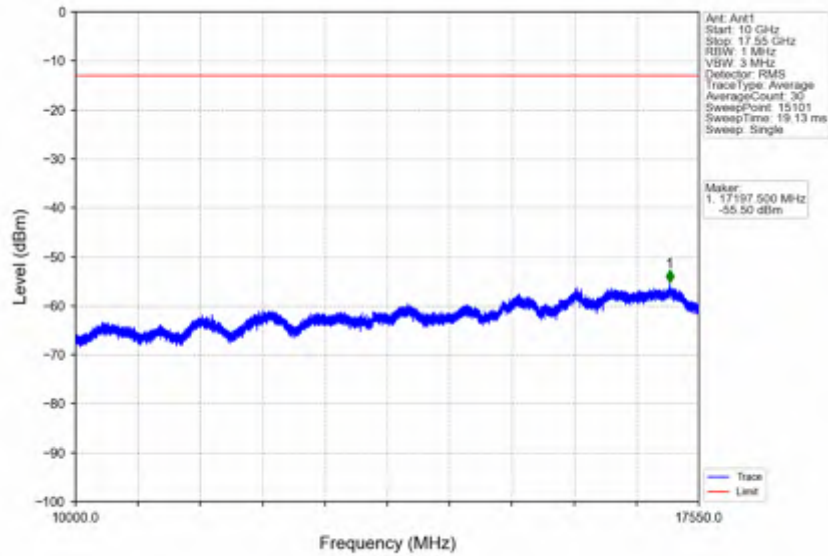
6.2.1 Test Result

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
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
64QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

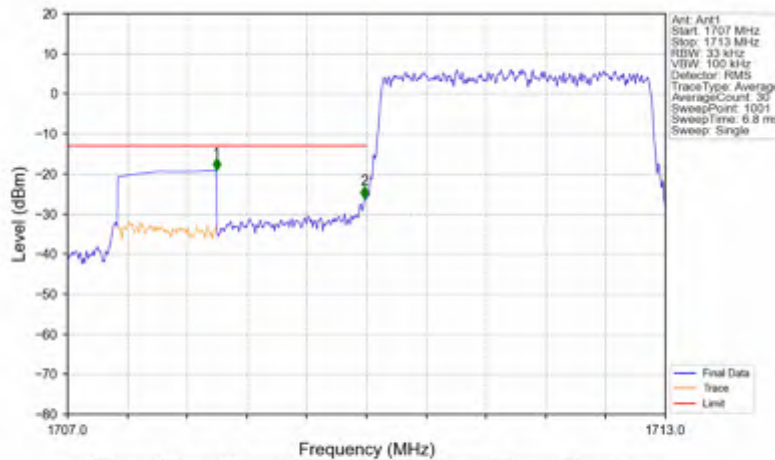
6.2.2 Test Graph



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

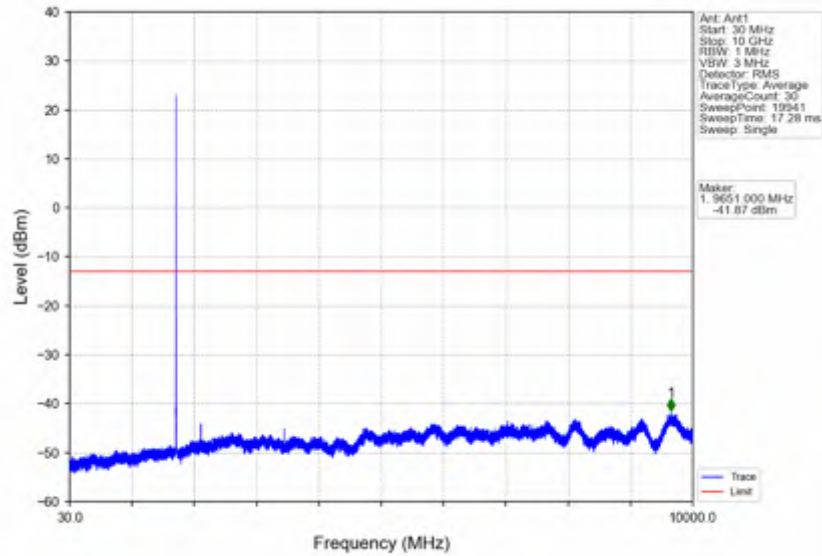


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

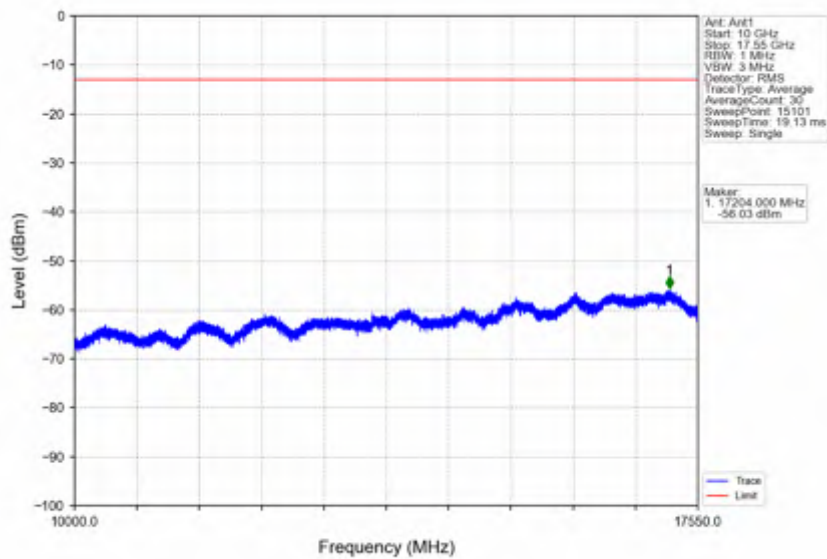


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-19.13	-13	Pass
1709	1710	0.033	/	2	1709.982	-26.14	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

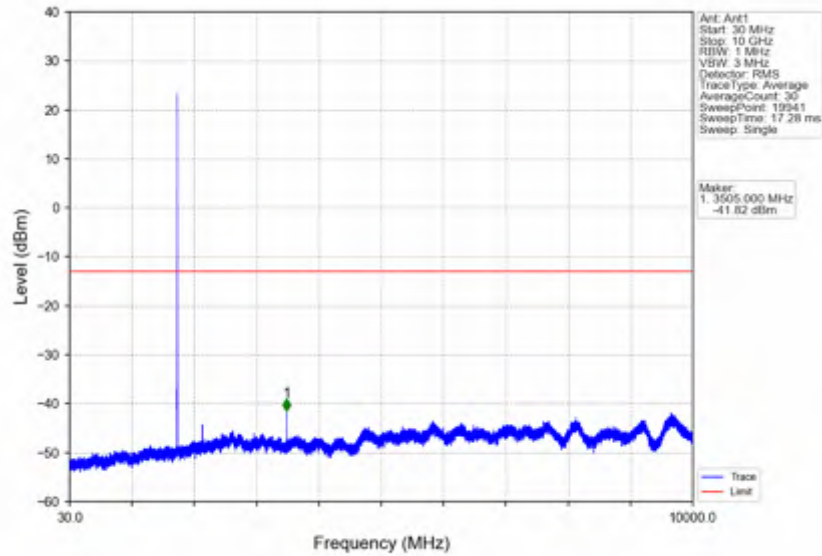
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



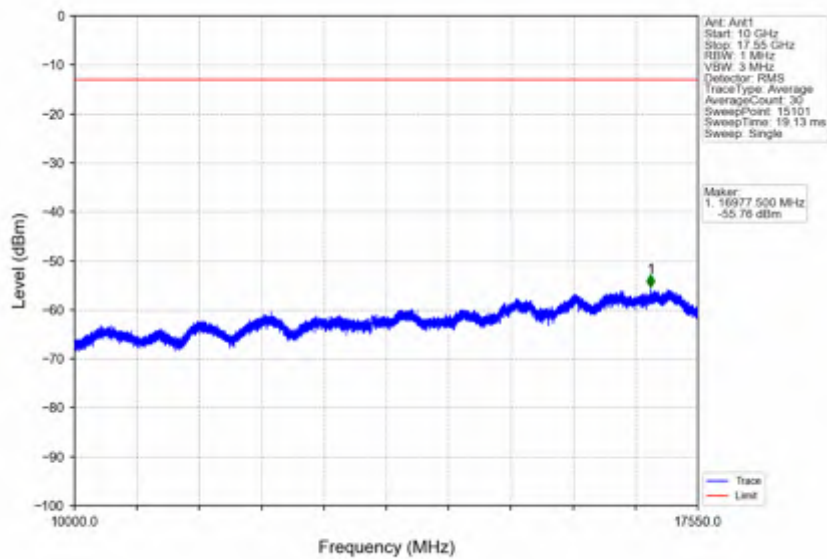
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



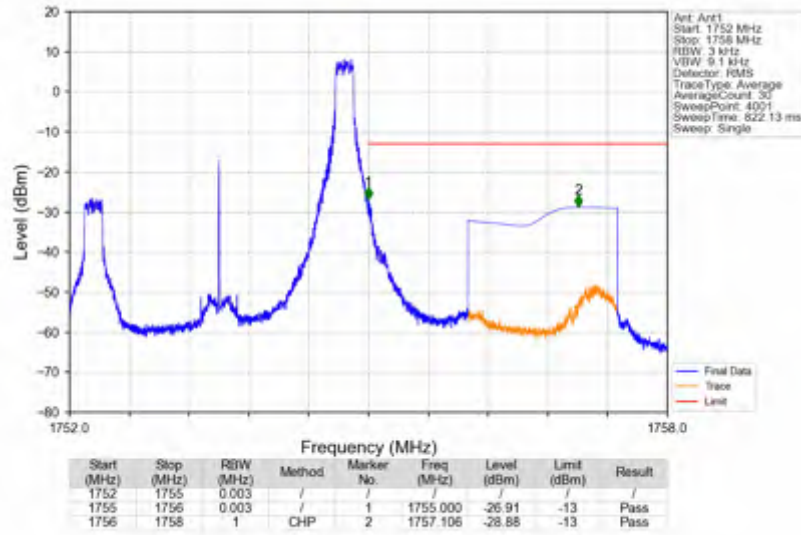
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



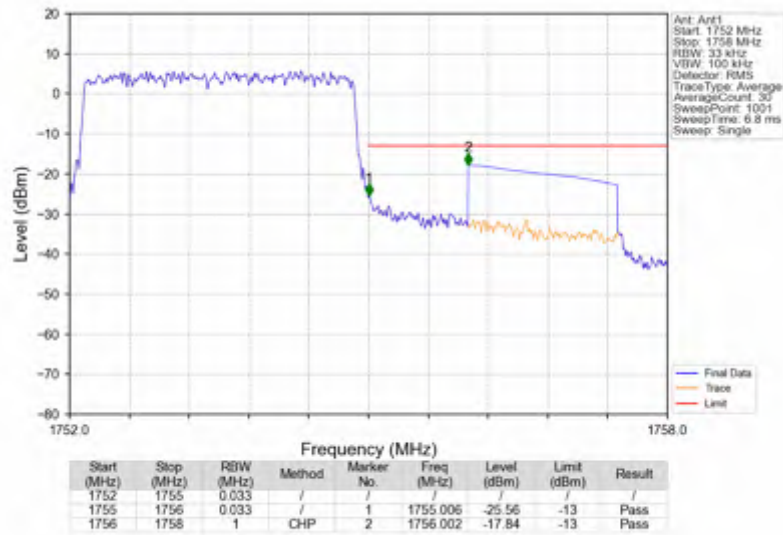
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



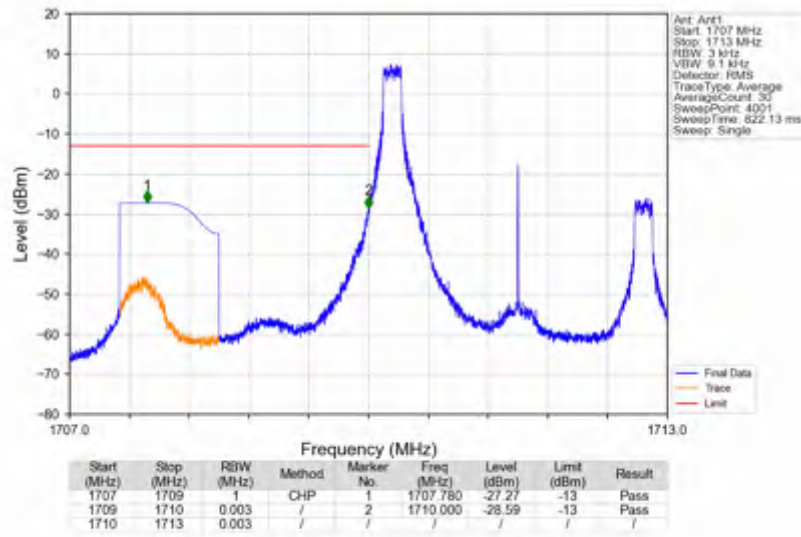
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



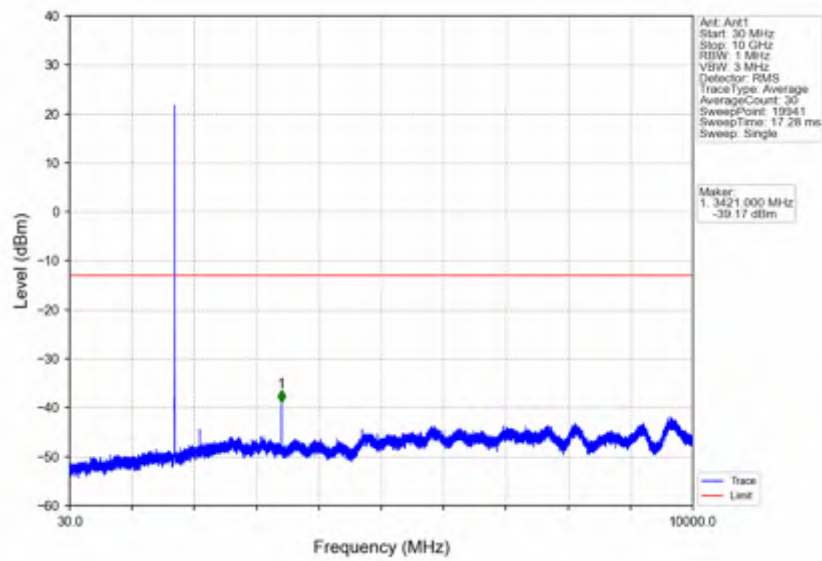
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



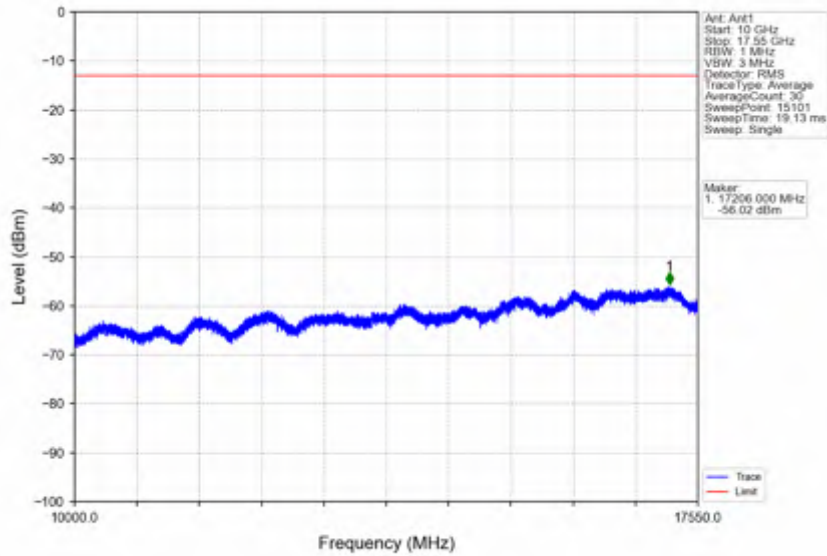
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



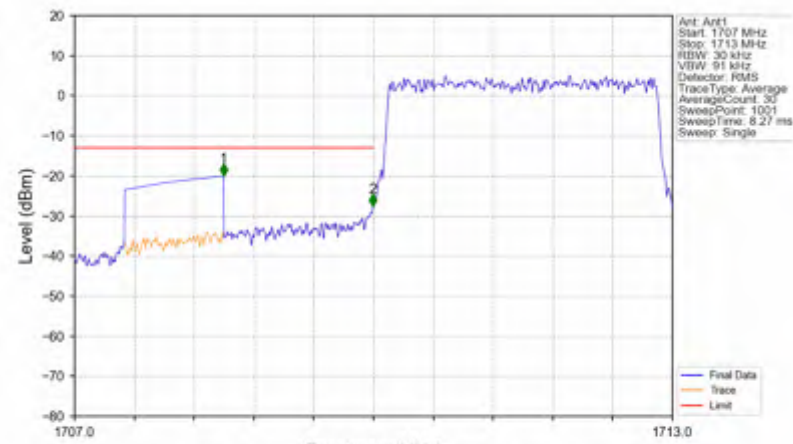
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

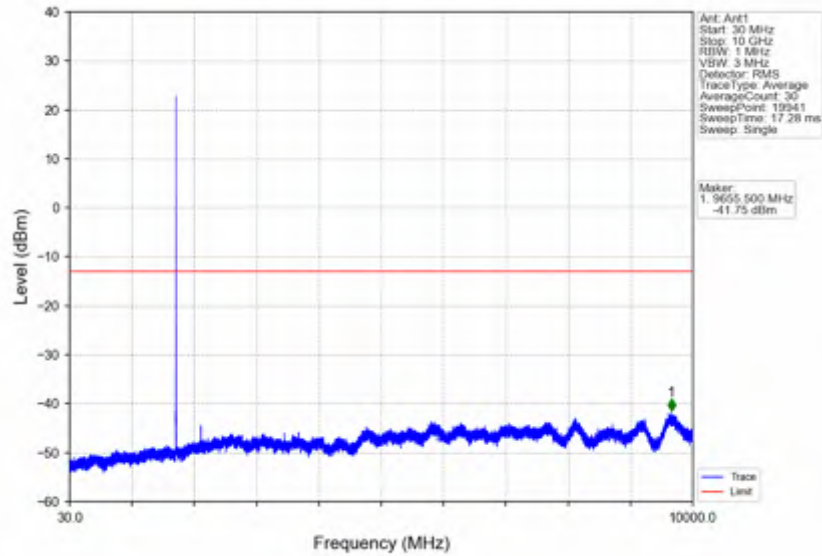


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

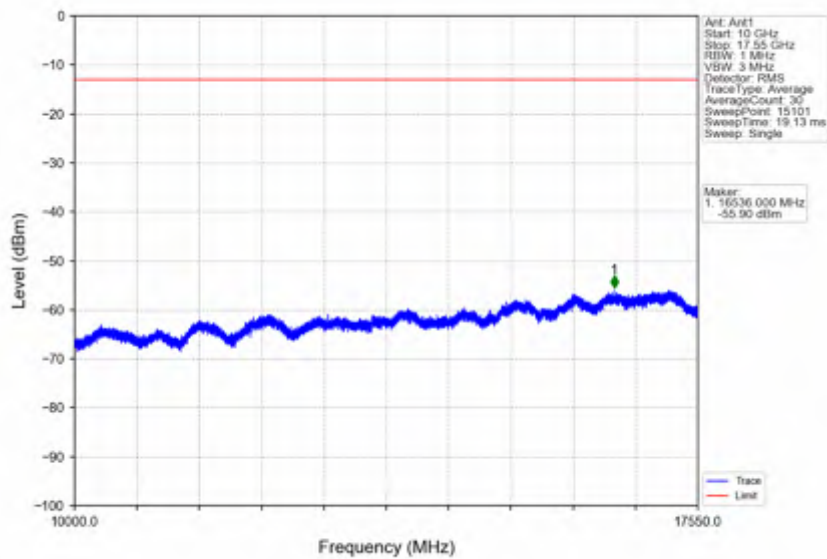


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-20.10	-13	Pass
1709	1710	0.03	/	2	1709.994	-27.61	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

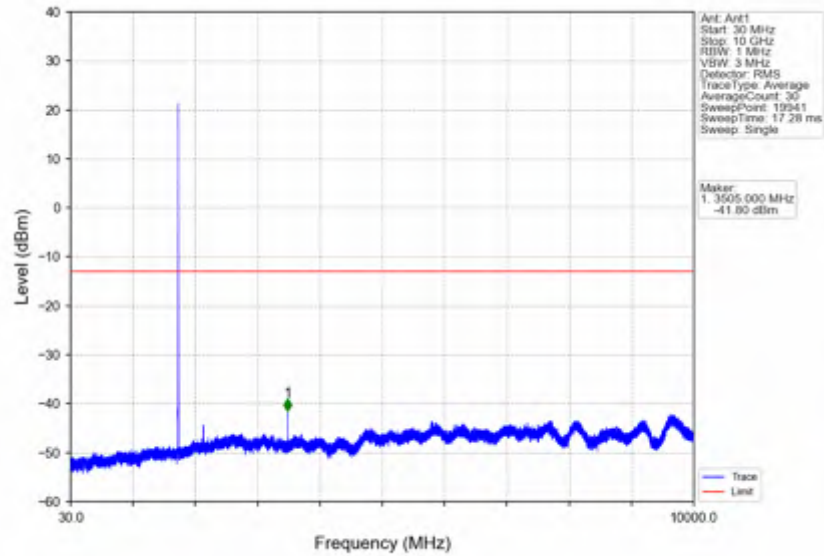
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



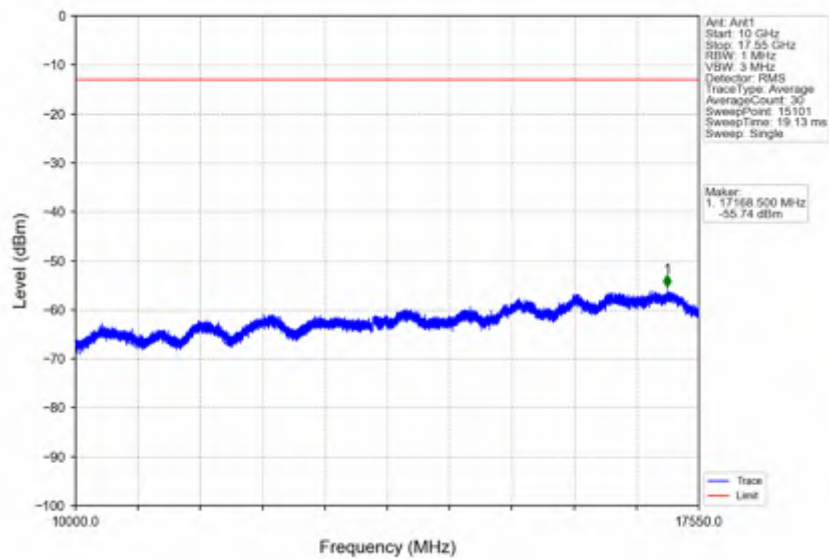
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



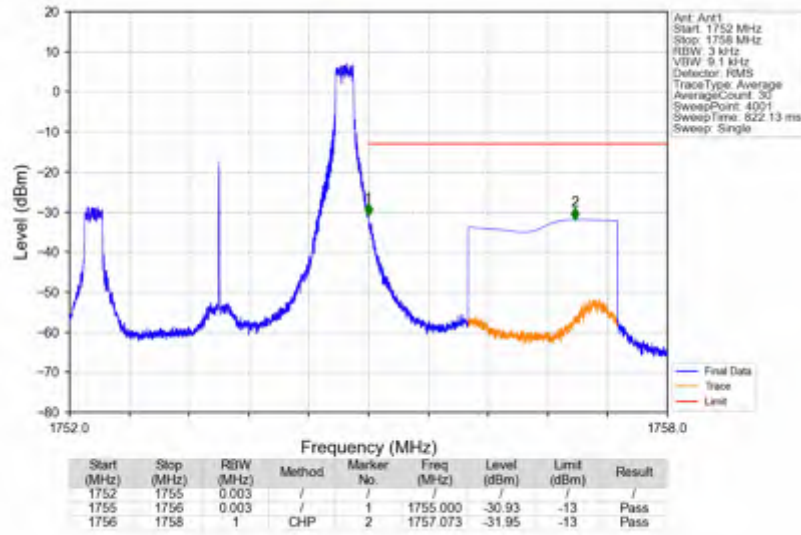
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



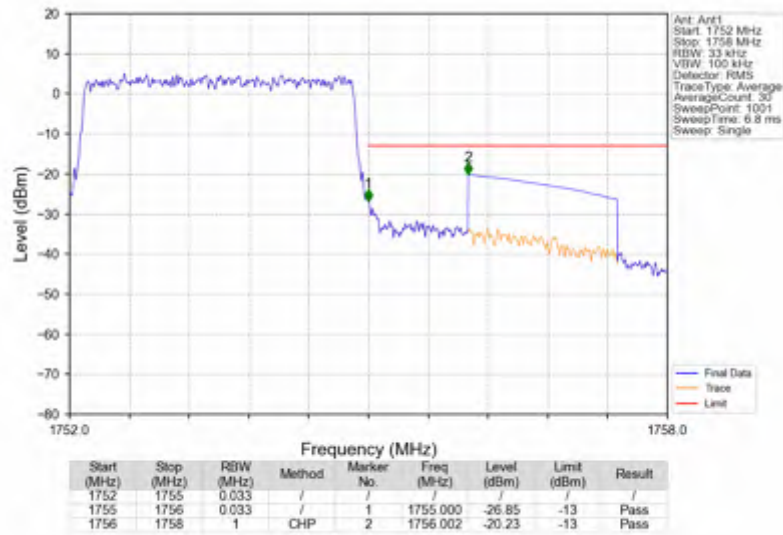
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



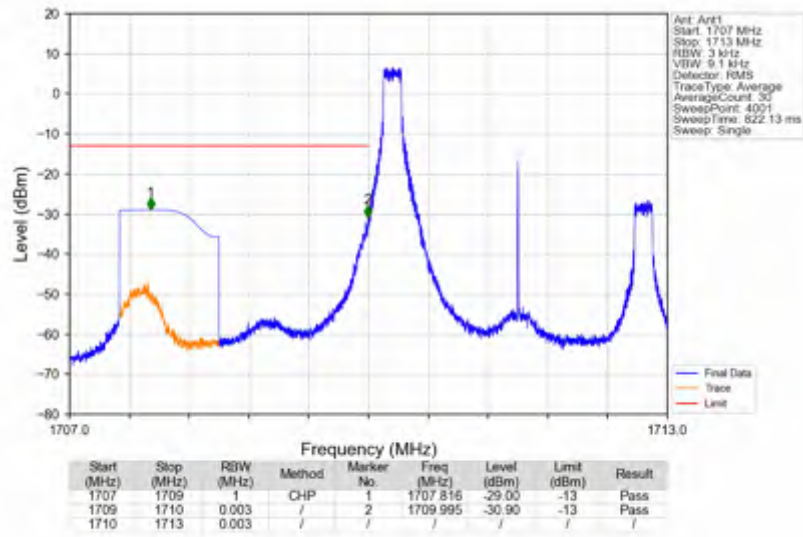
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



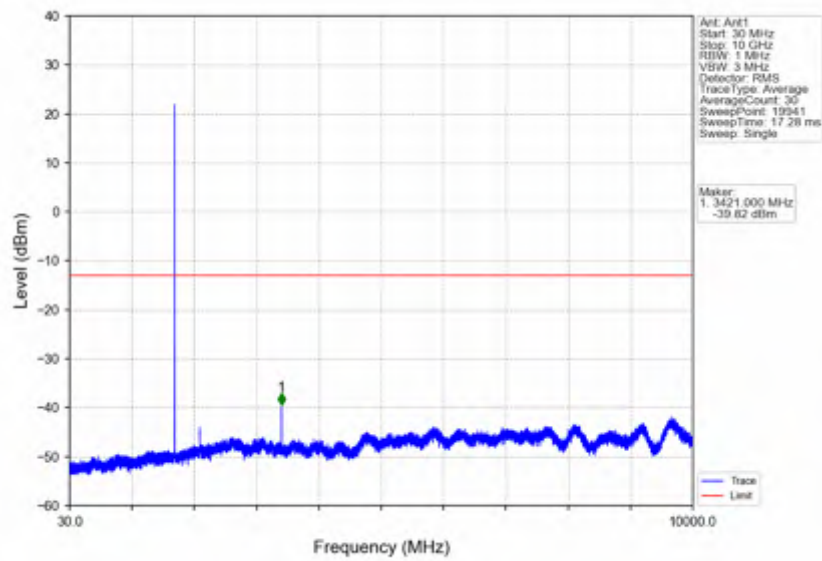
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



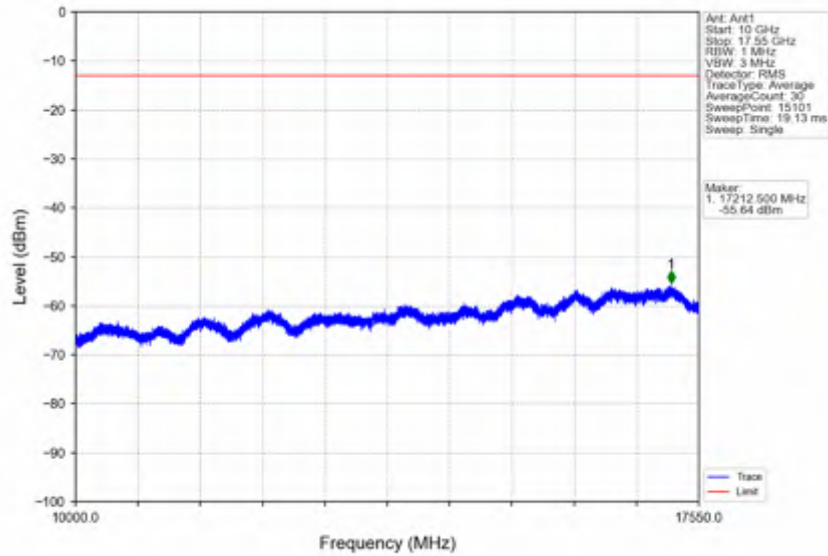
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_1_0_NTNV



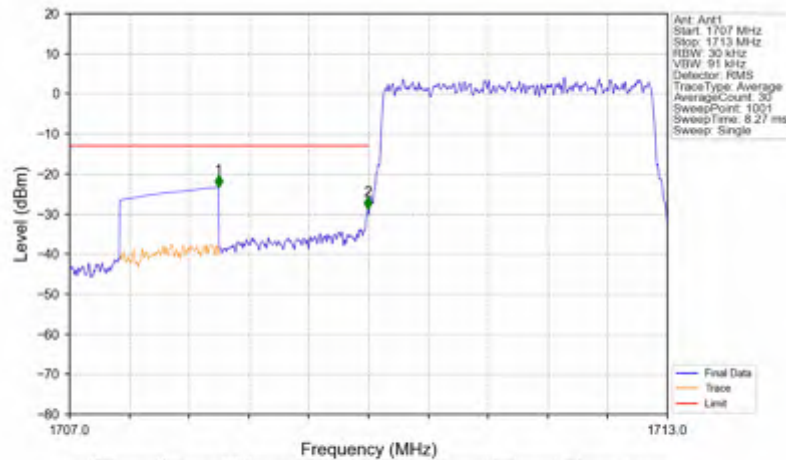
Band4_3MHz_64QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_64QAM_LCH_1711.5MHz_RB_1_0_NTNV

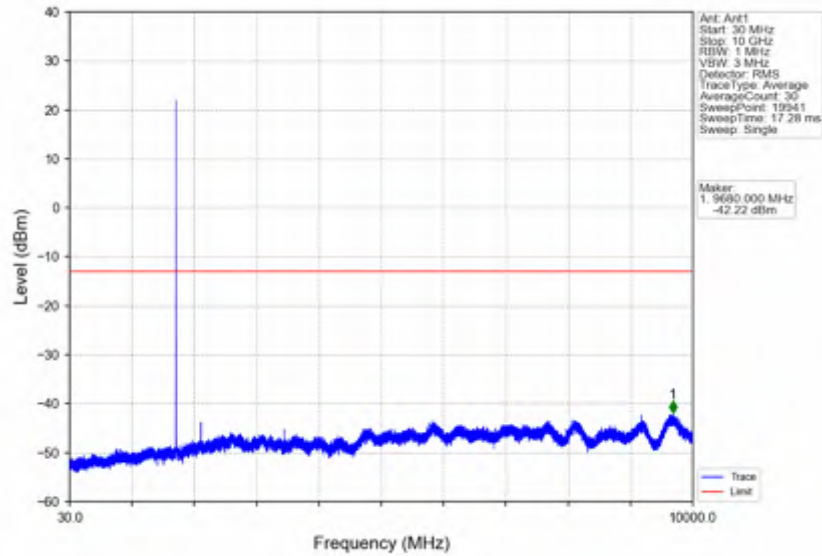


Band4_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV

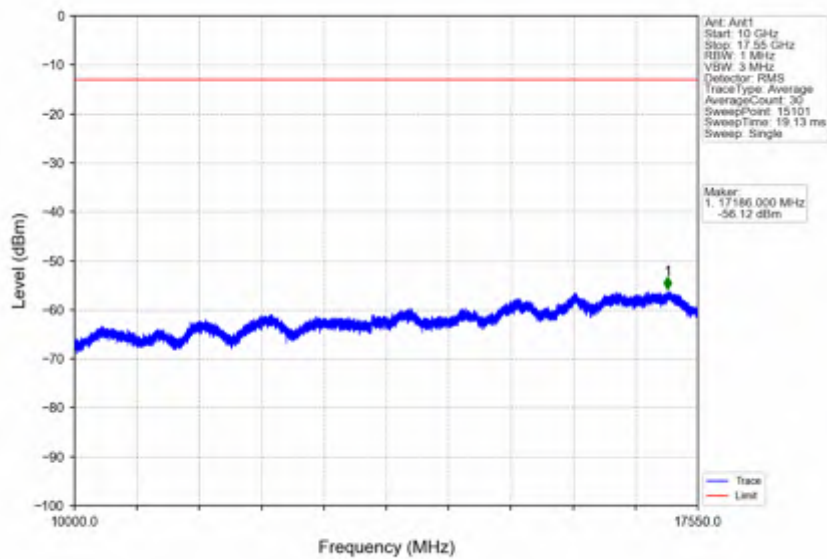


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-23.38	-13	Pass
1709	1710	0.03	/	2	1709.994	-28.90	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

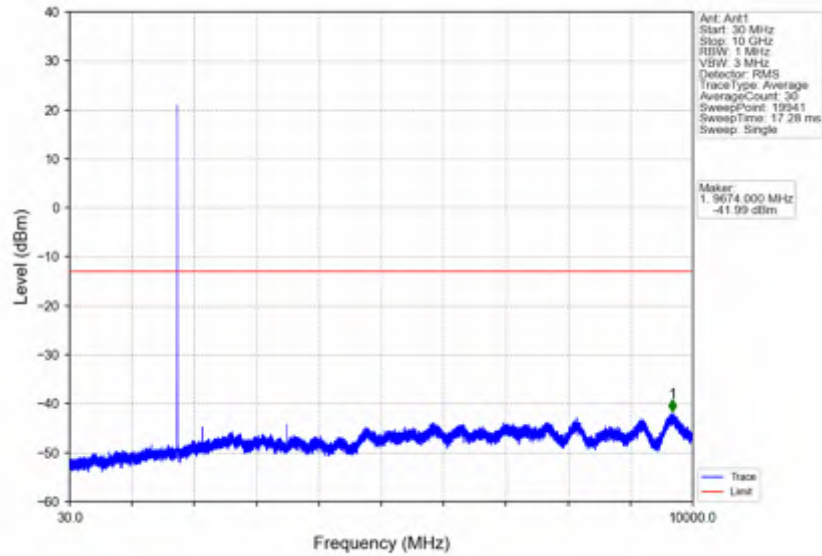
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



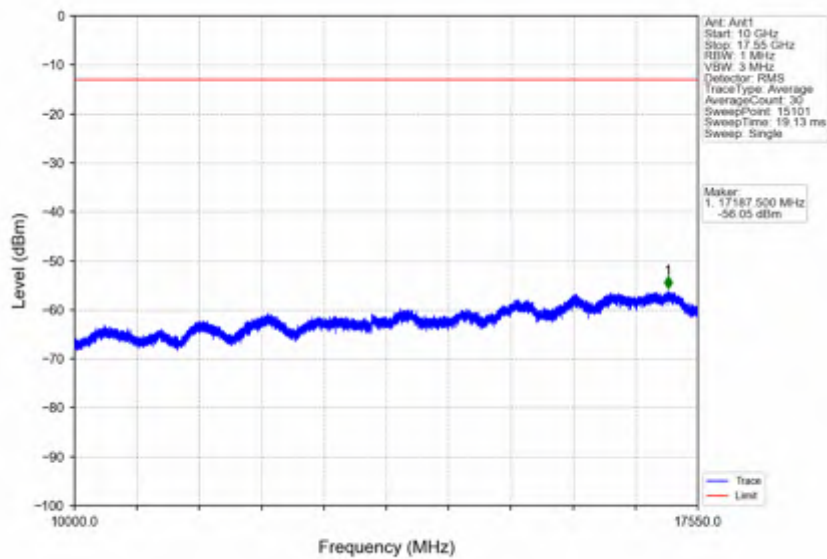
Band4_3MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



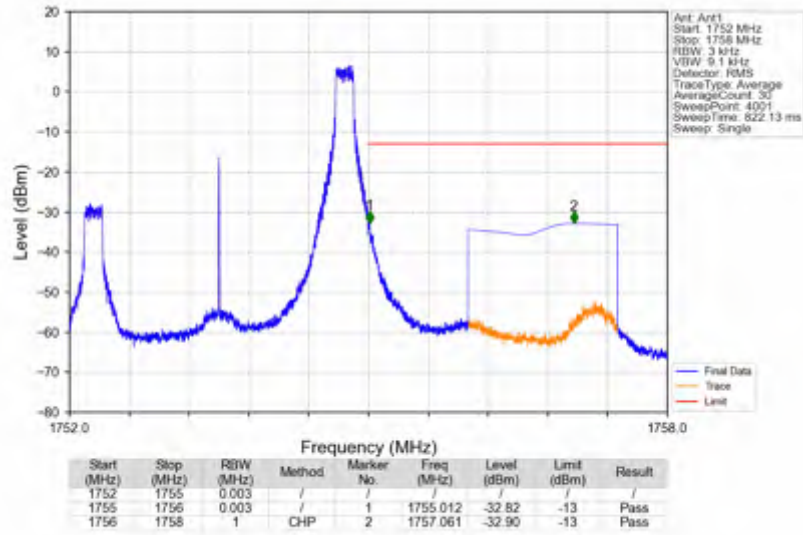
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_1_0_NTNV



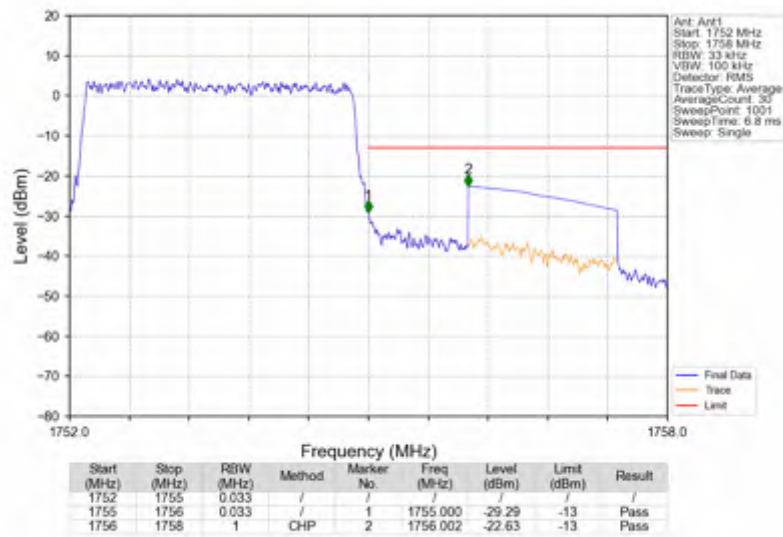
Band4_3MHz_64QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_64QAM_HCH_1753.5MHz_RB_1_14_NTNV



Band4_3MHz_64QAM_HCH_1753.5MHz_RB_15_0_NTNV





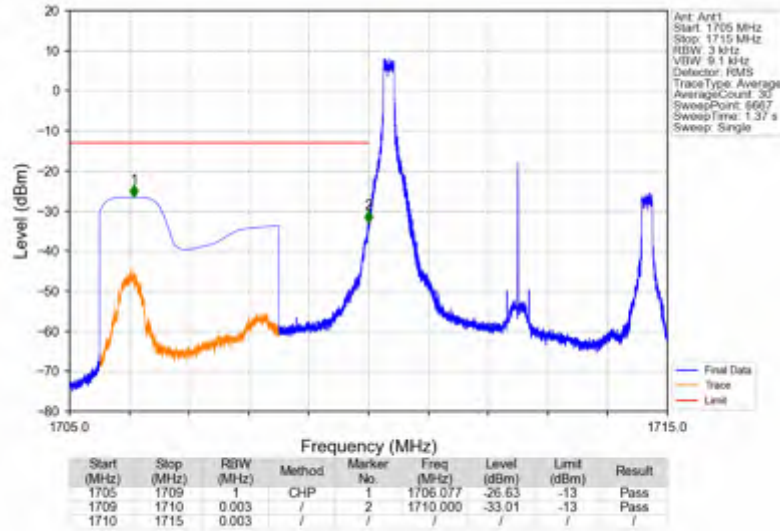
6.3 B4_5MHz

6.3.1 Test Result

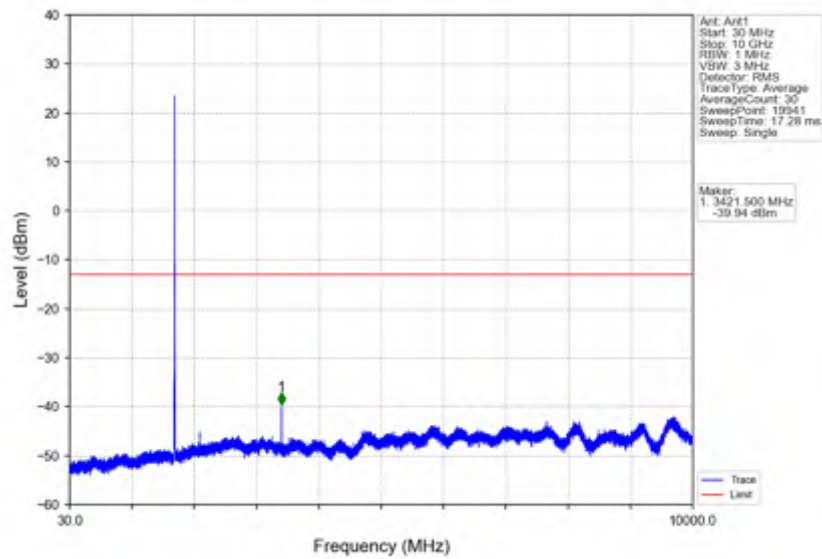
Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass
		25	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
			0	Refer To Test Graph		Pass
64QAM	1712.5	1	0	Refer To Test Graph		Pass
		25	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
			0	Refer To Test Graph		Pass

6.3.2 Test Graph

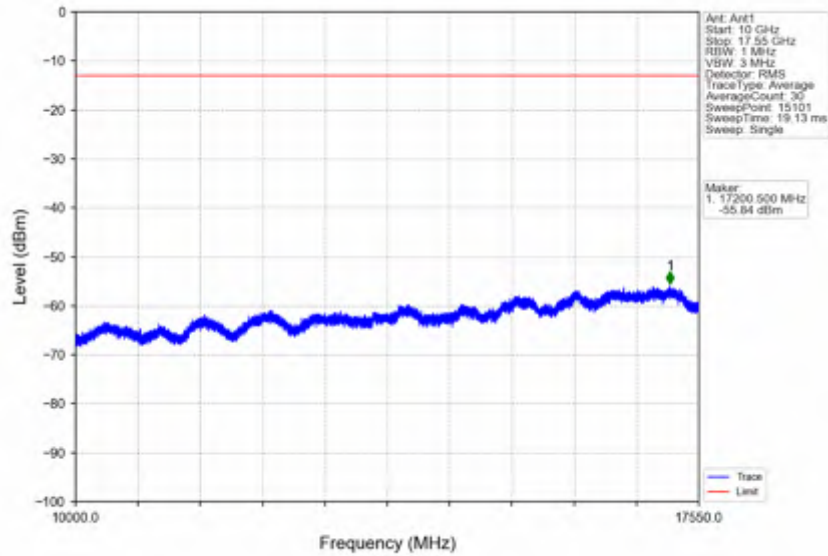
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



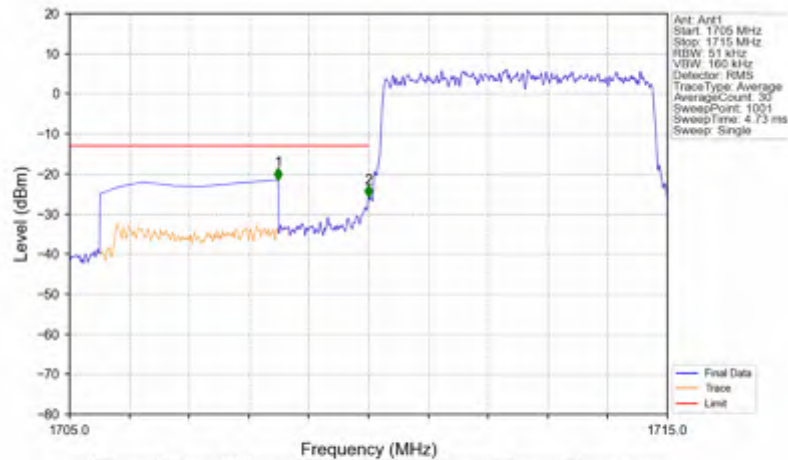
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

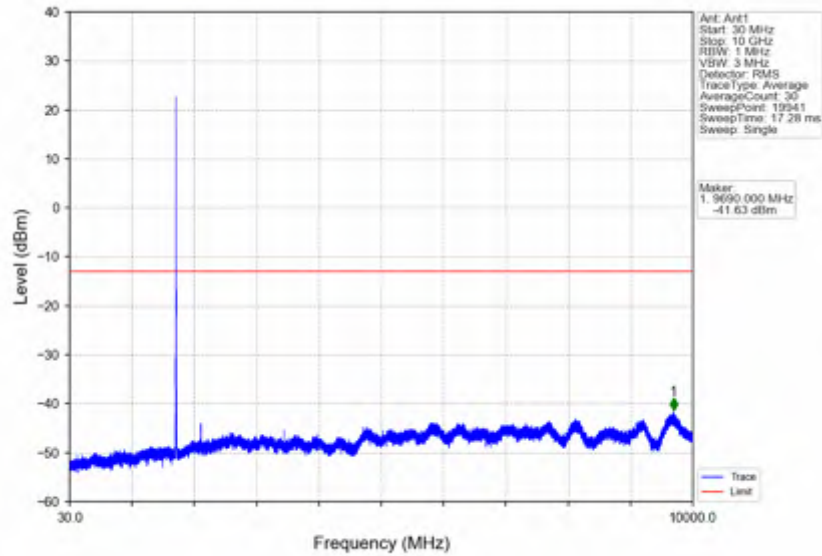


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

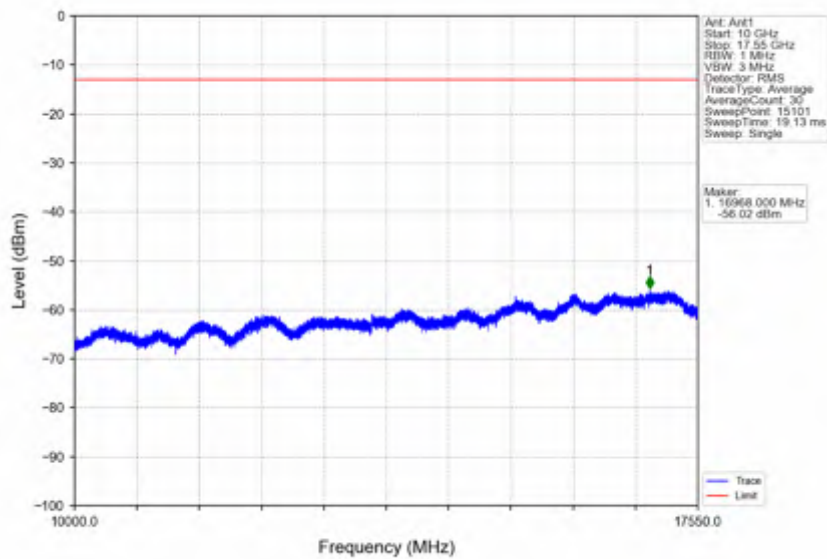


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-21.55	-13	Pass
1709	1710	0.051	/	2	1710.000	-25.87	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

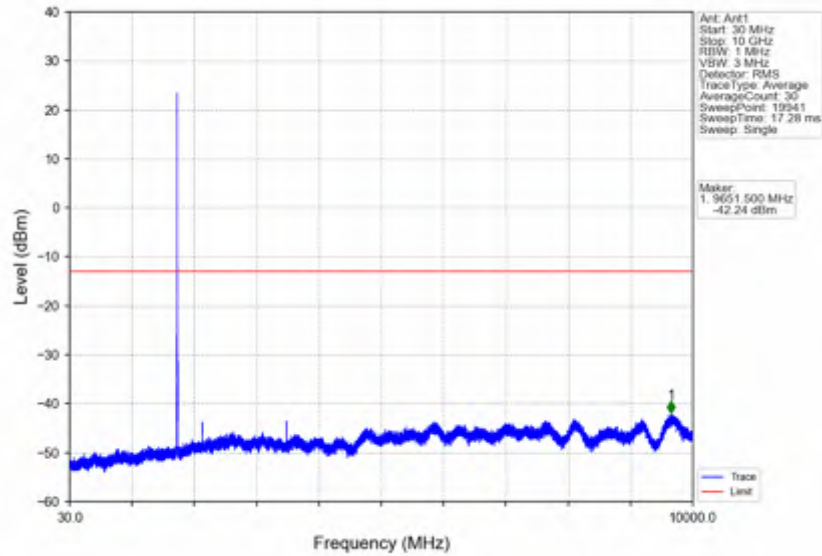
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



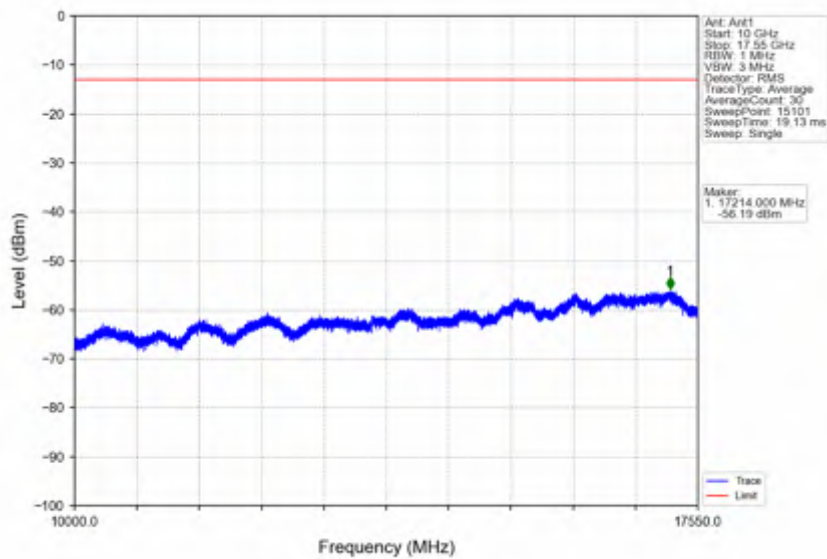
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



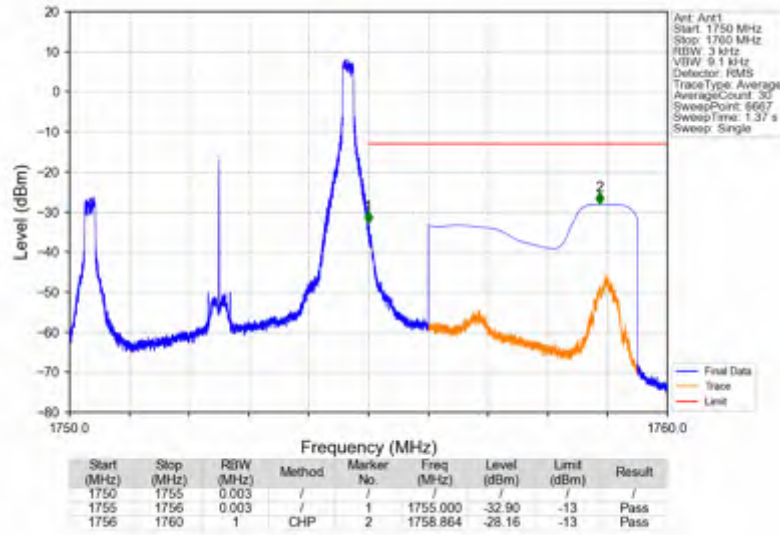
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



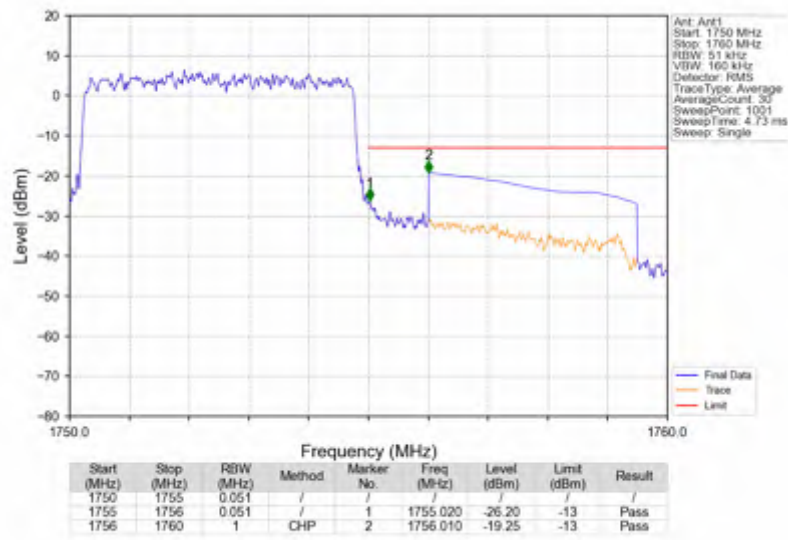
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



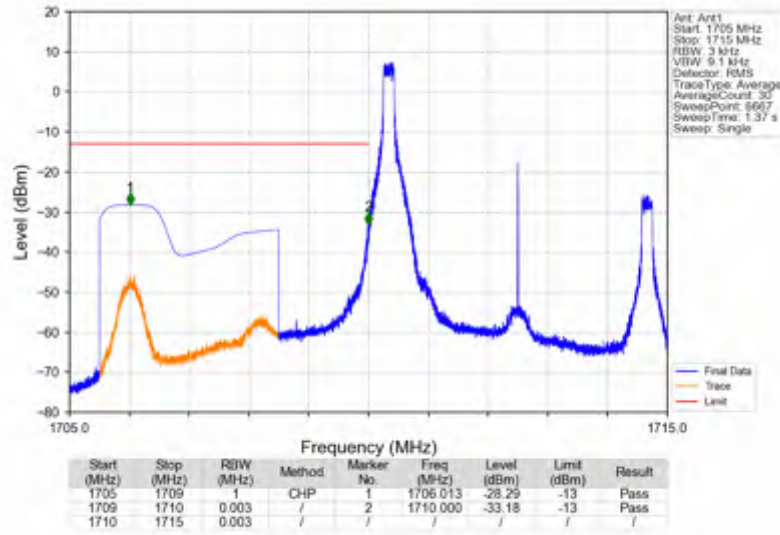
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



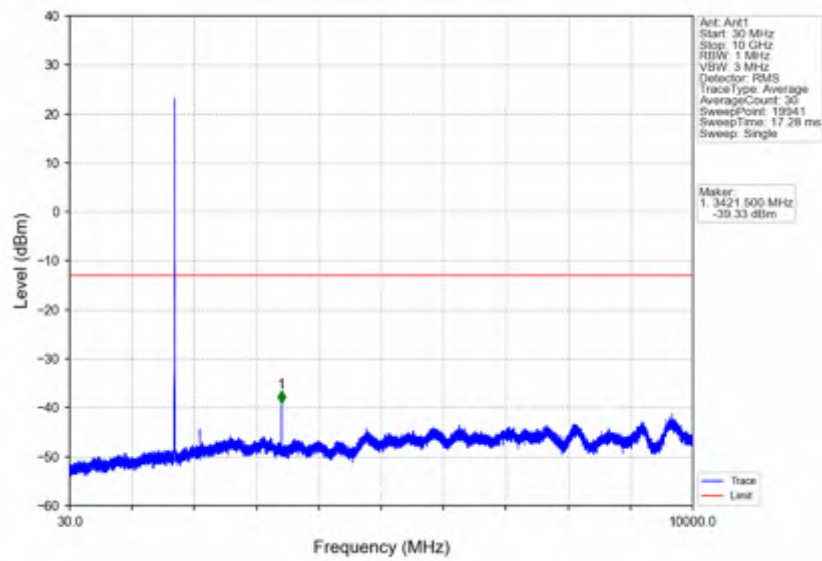
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



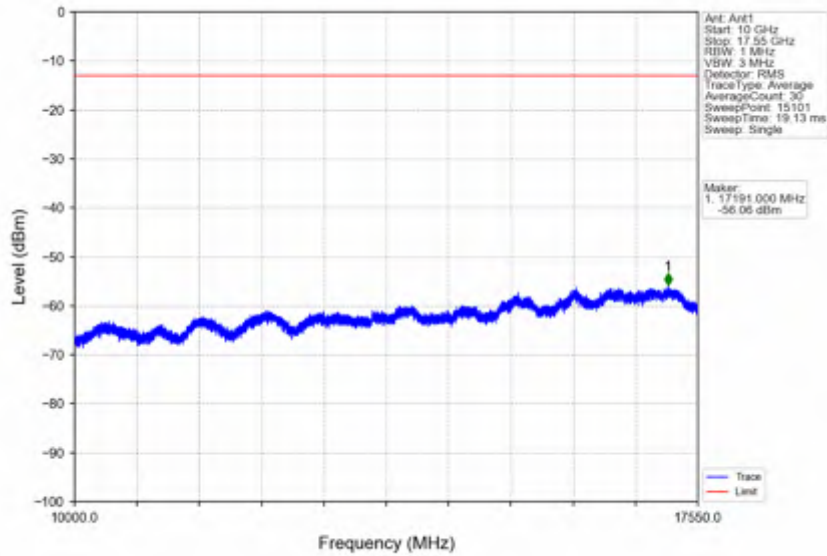
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



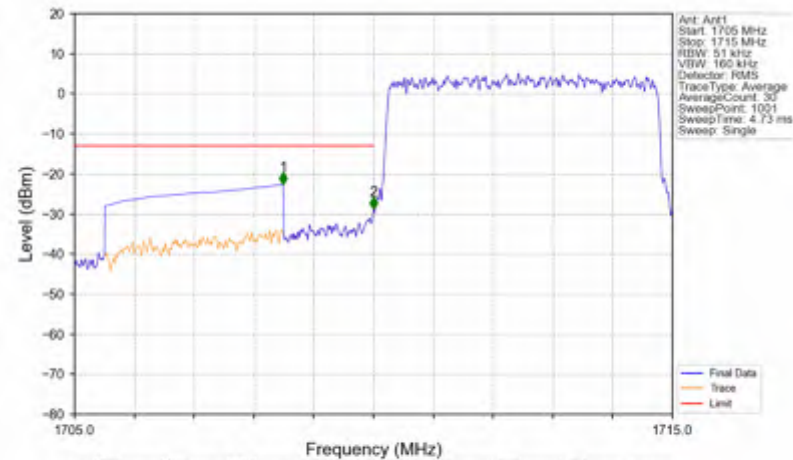
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

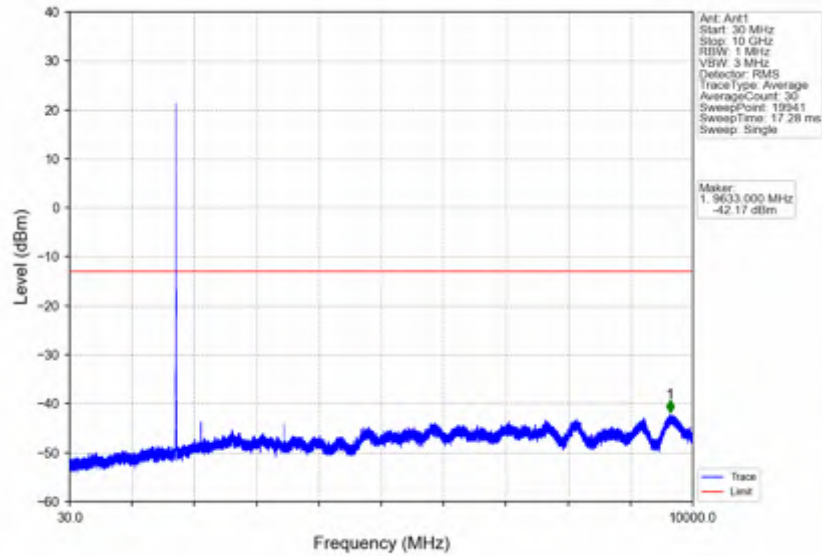


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

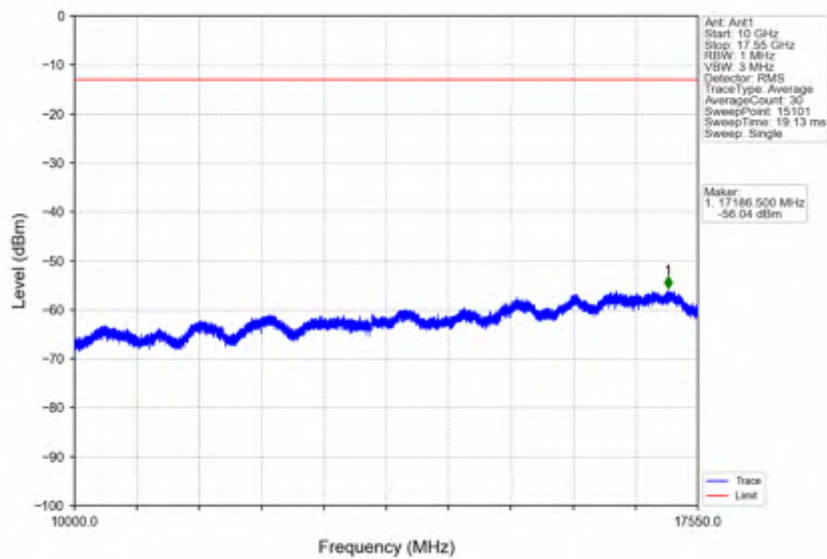


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-22.69	-13	Pass
1709	1710	0.051	/	2	1710.000	-28.84	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

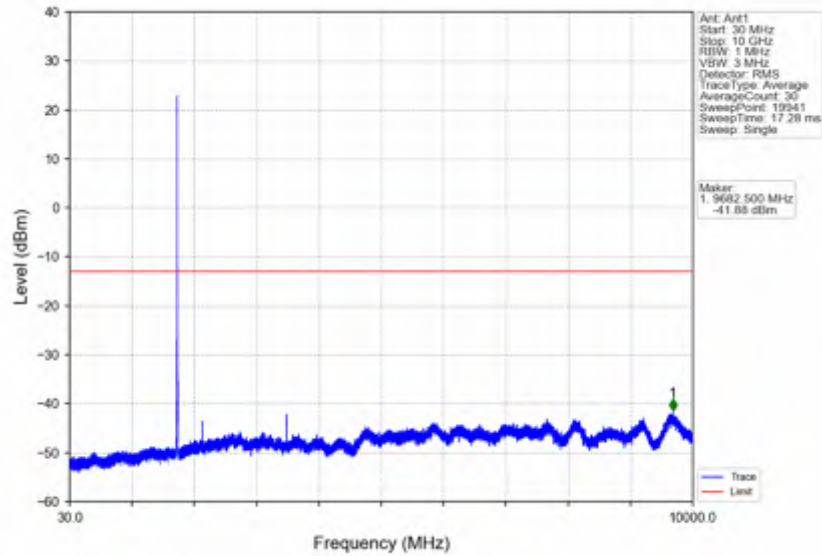
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



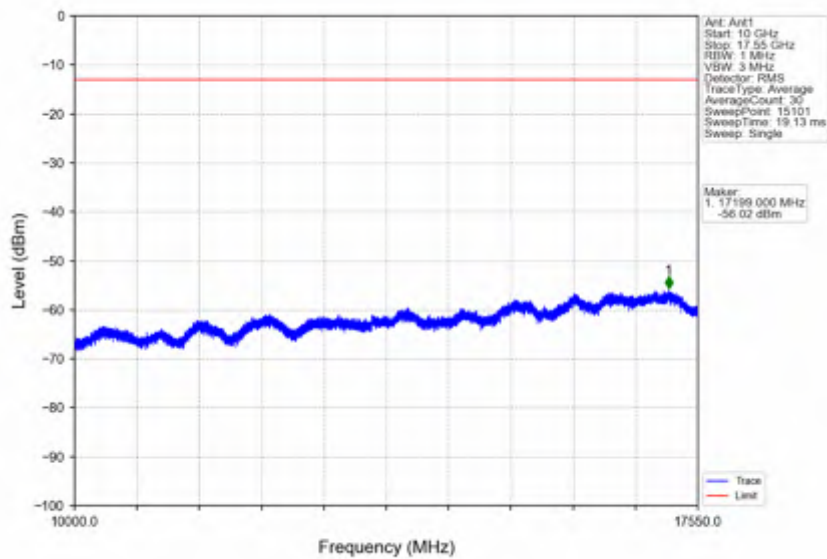
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



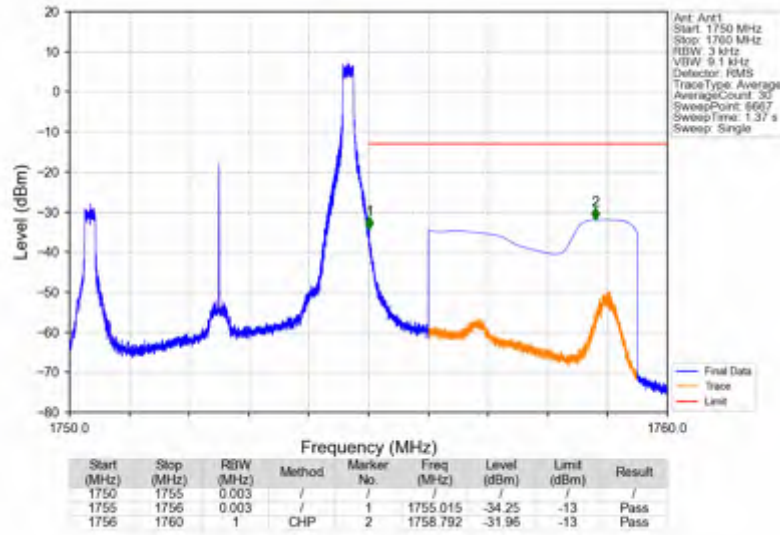
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



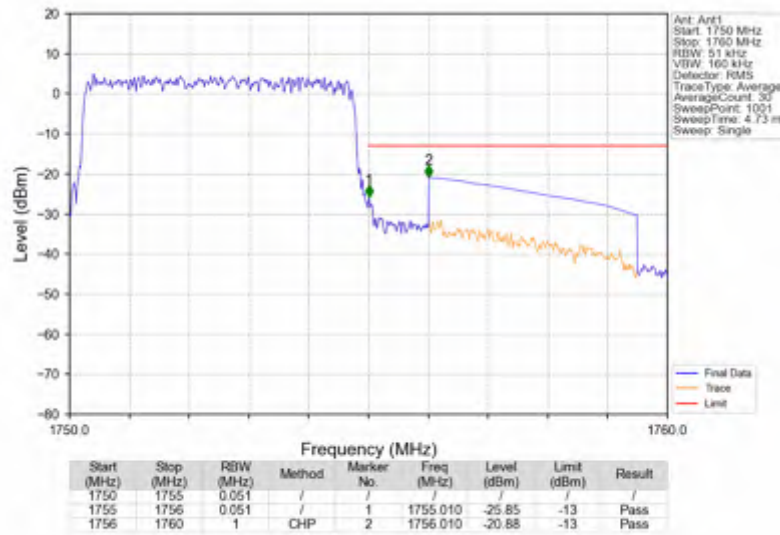
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



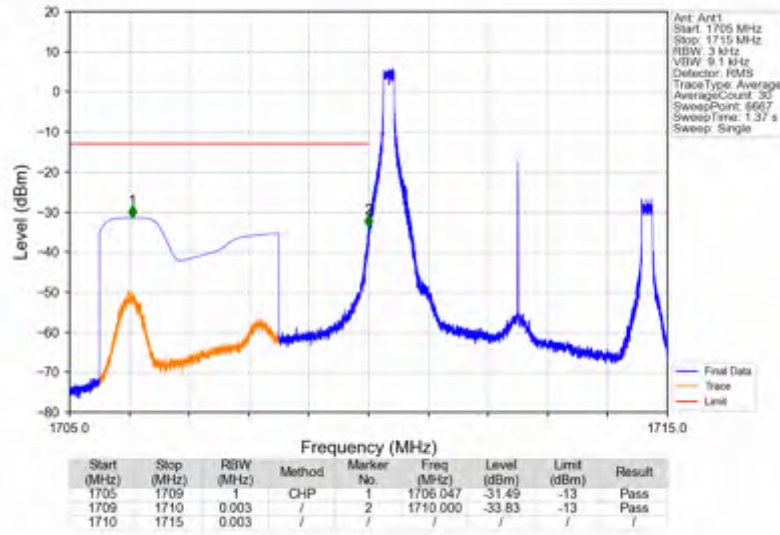
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



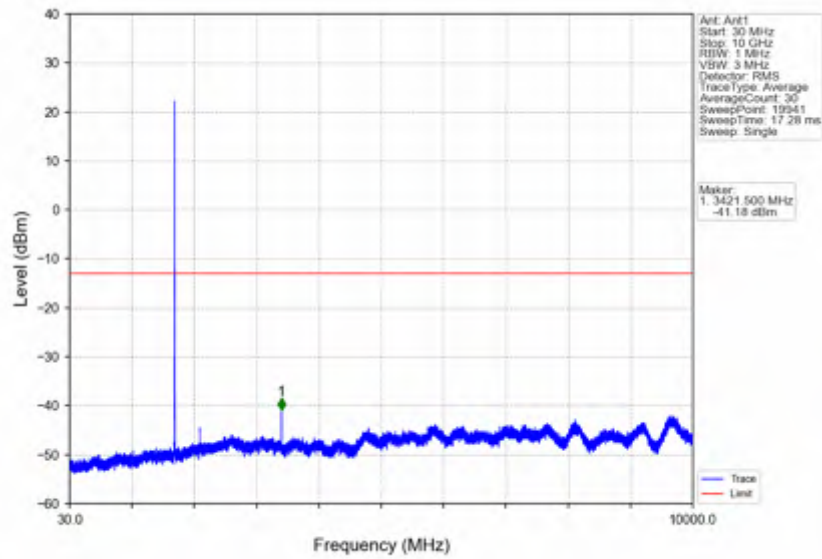
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



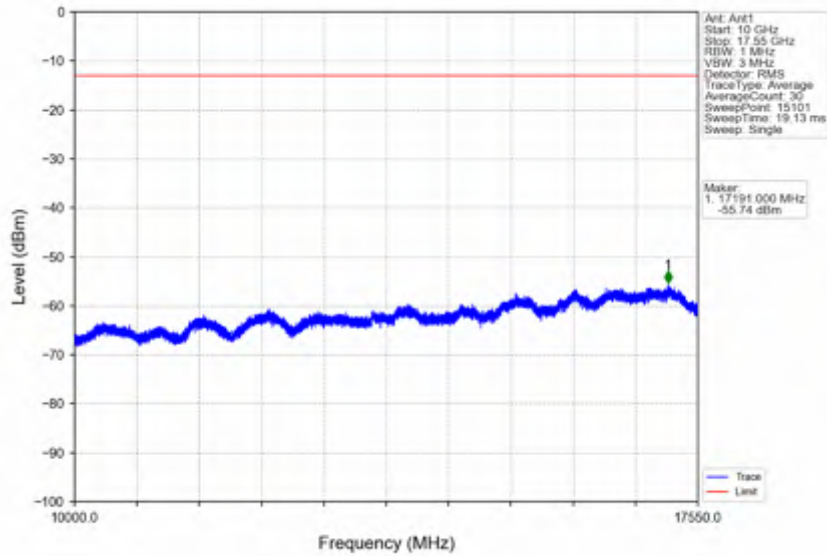
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_1_0_NTNV



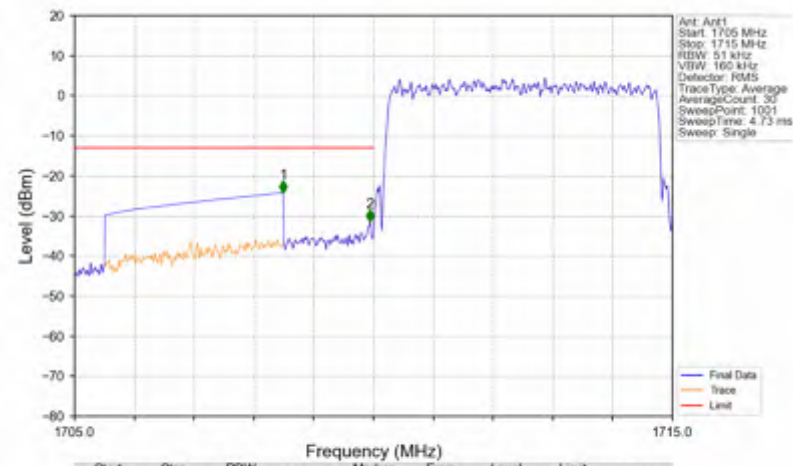
Band4_5MHz_64QAM_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_64QAM_LCH_1712.5MHz_RB_1_0_NTNV

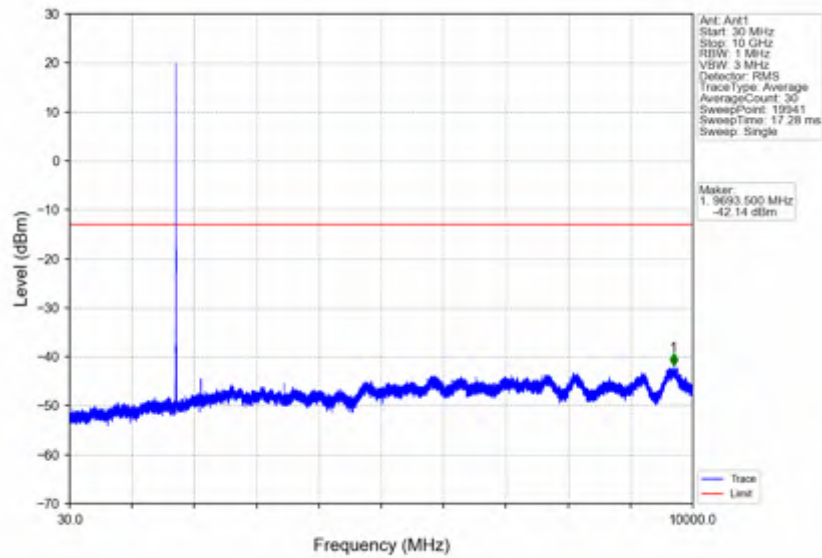


Band4_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV

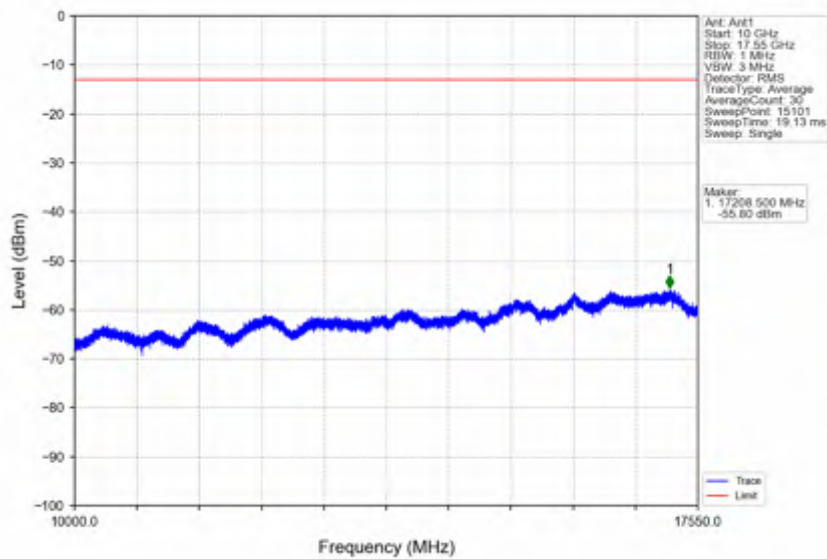


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-24.20	-13	Pass
1709	1710	0.051	/	2	1709.940	-31.42	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

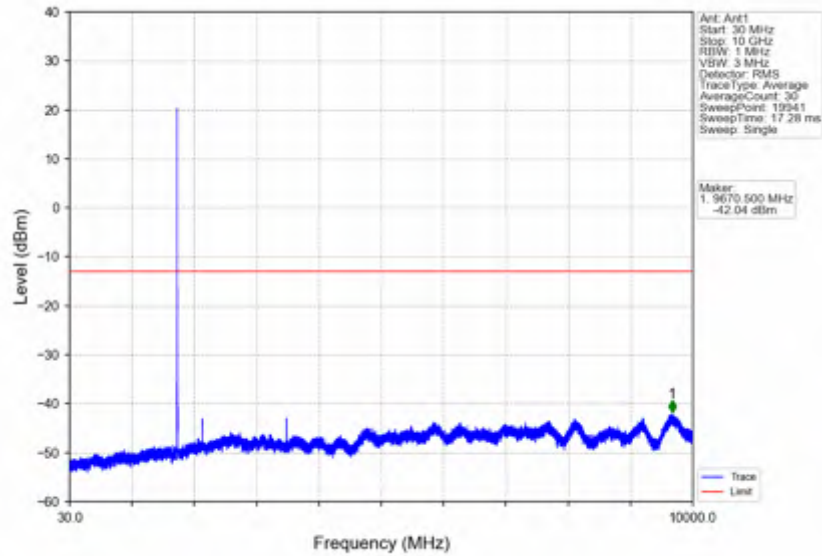
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



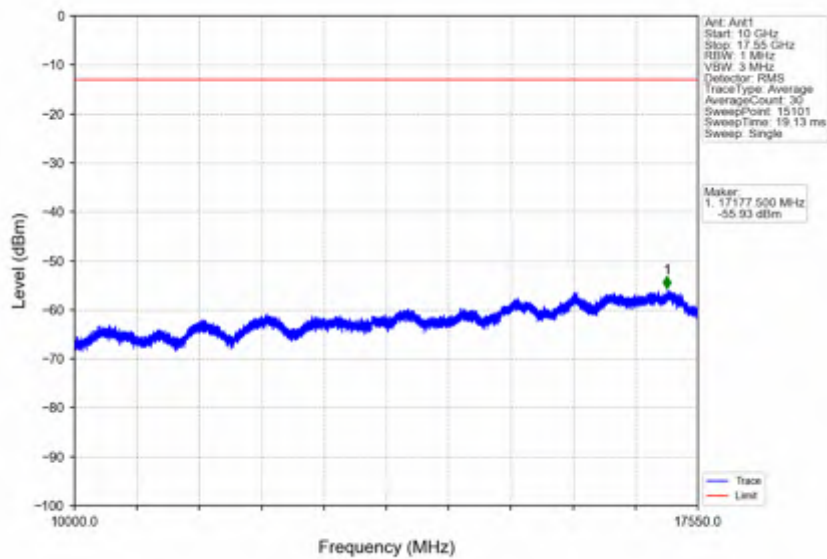
Band4_5MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



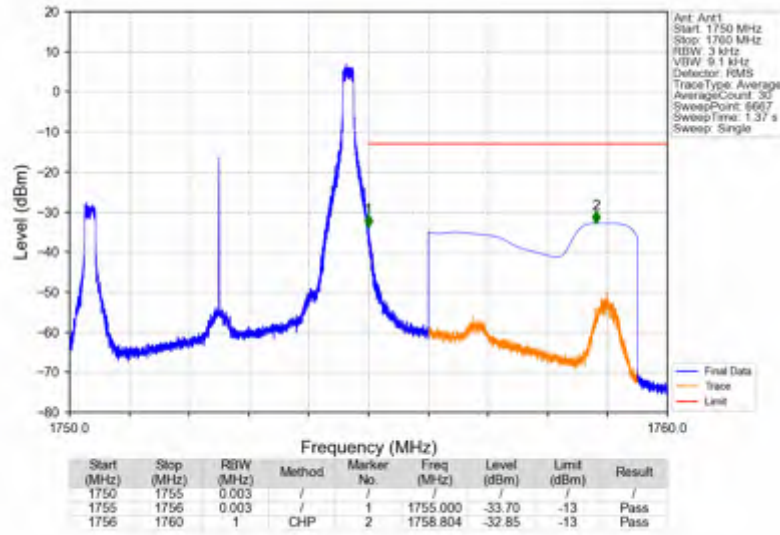
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_1_0_NTNV



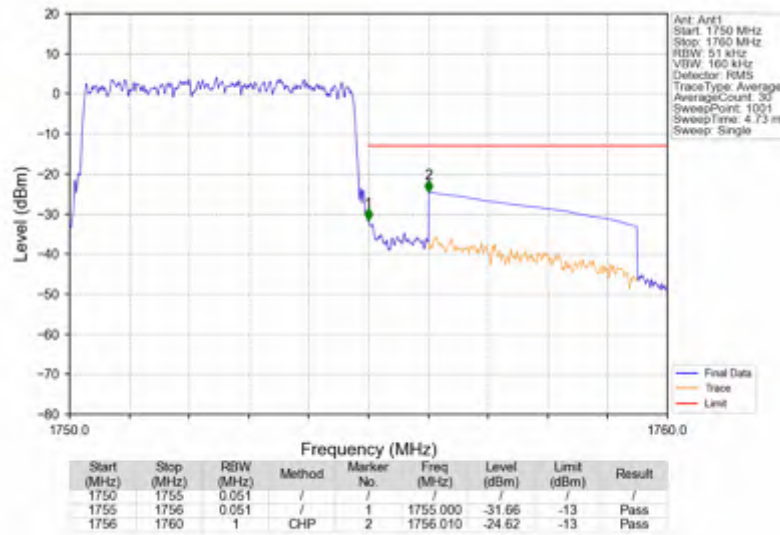
Band4_5MHz_64QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_64QAM_HCH_1752.5MHz_RB_1_24_NTNV



Band4_5MHz_64QAM_HCH_1752.5MHz_RB_25_0_NTNV





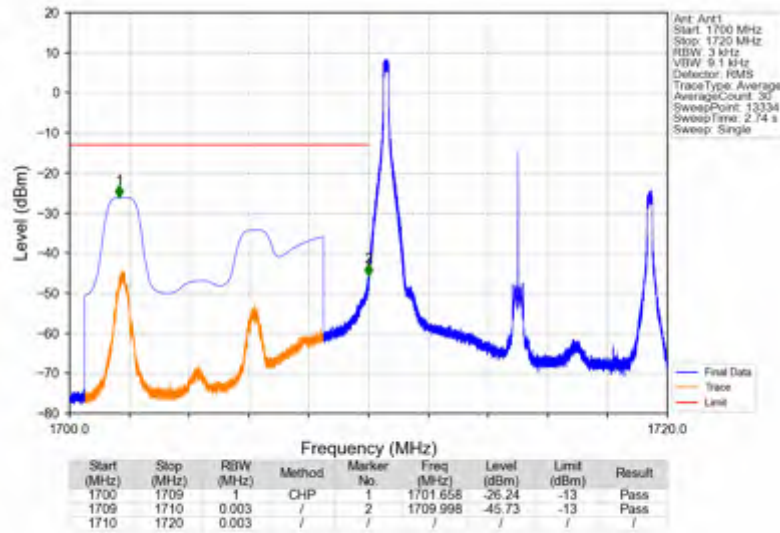
6.4 B4_10MHz

6.4.1 Test Result

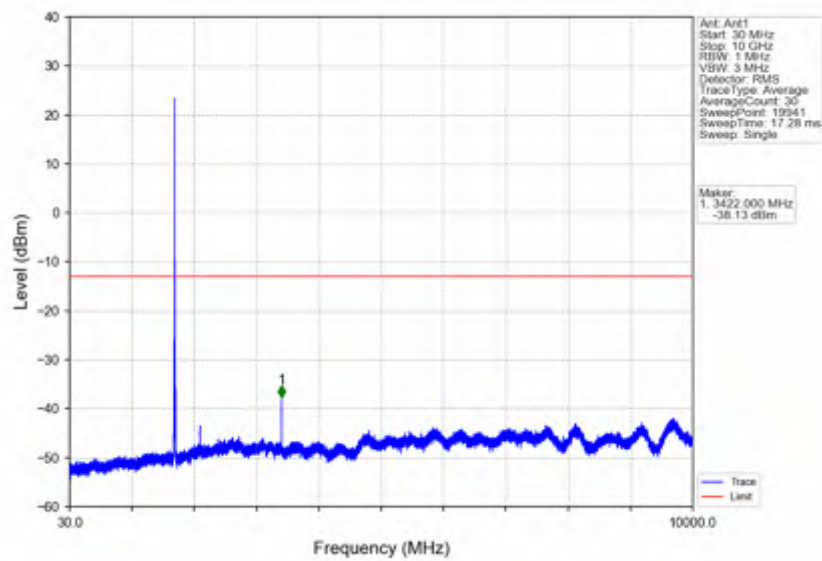
Band: 4 / Bandwidth: 10MHz / NTV							
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict	
		Size	Offset	Result	Limit		
QPSK	1715	1	0	Refer To Test Graph		Pass	
		50	0	Refer To Test Graph		Pass	
	1732.5	1	0	Refer To Test Graph		Pass	
		1750	1	0	Refer To Test Graph		Pass
				49	Refer 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	
64QAM	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

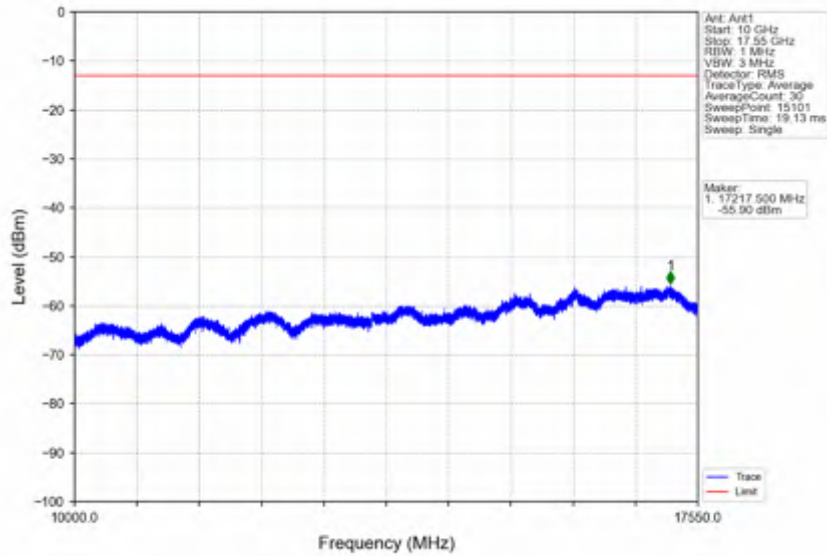
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



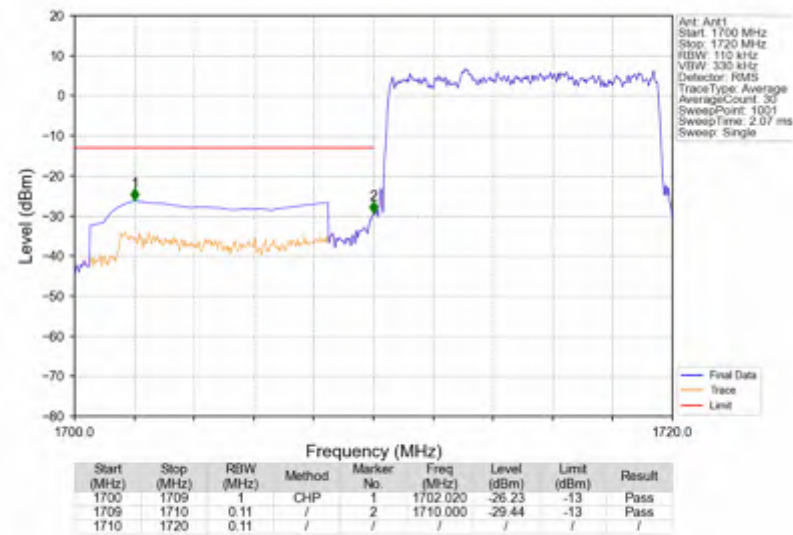
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



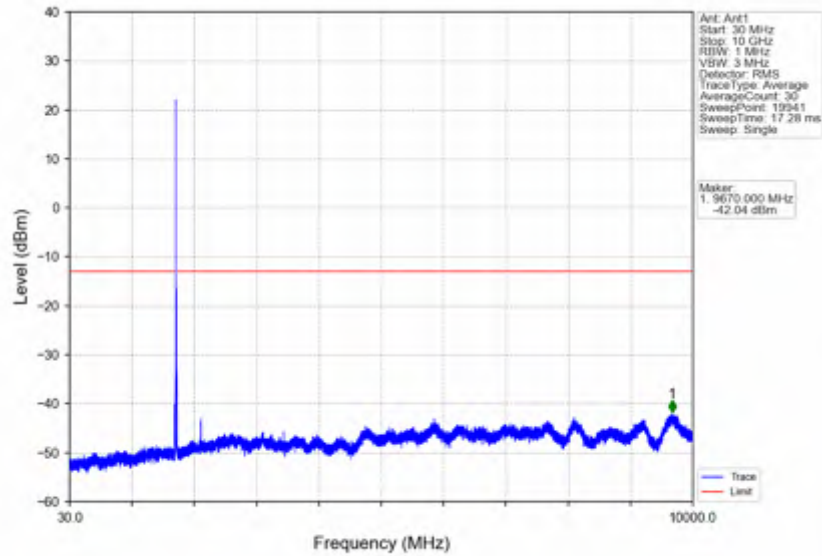
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



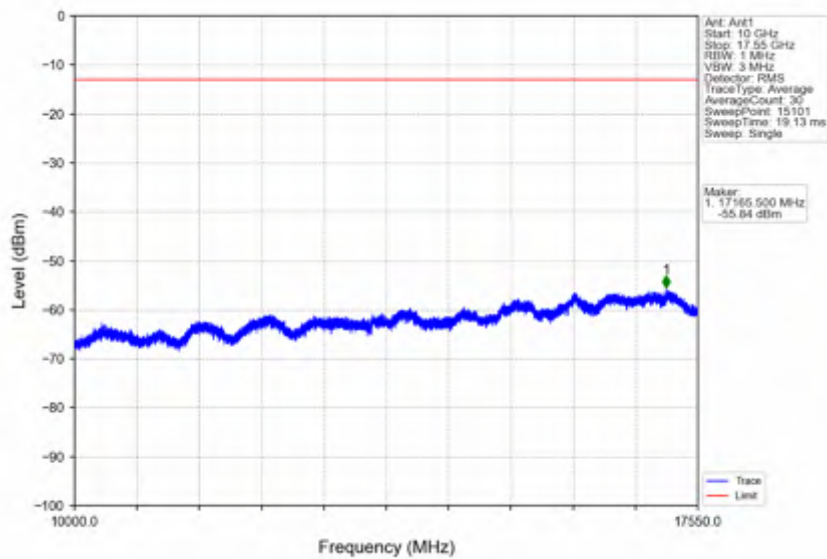
Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



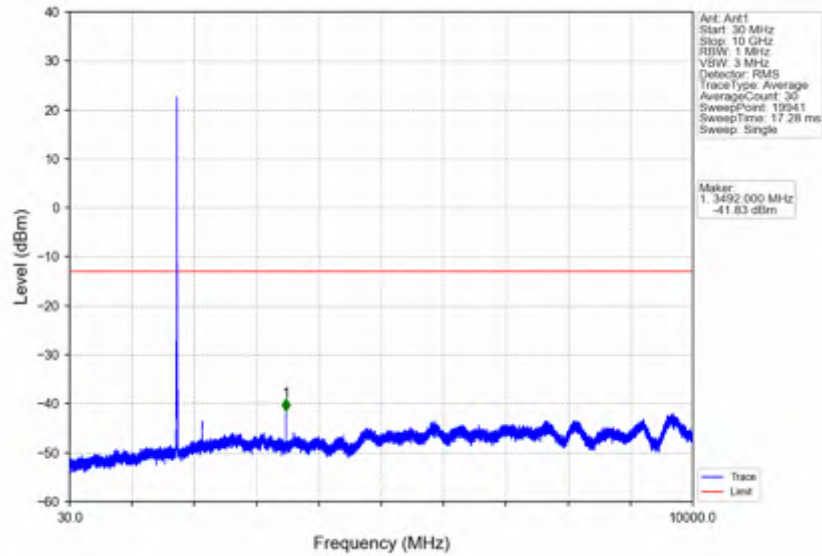
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



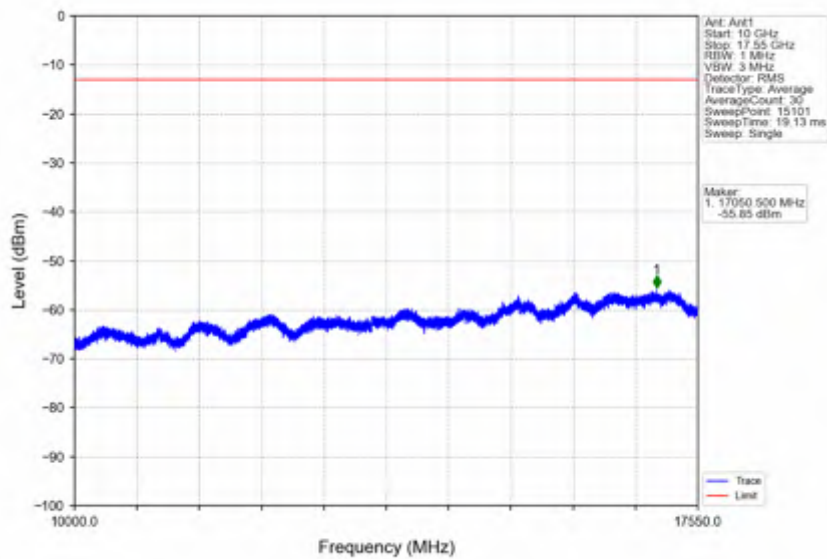
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



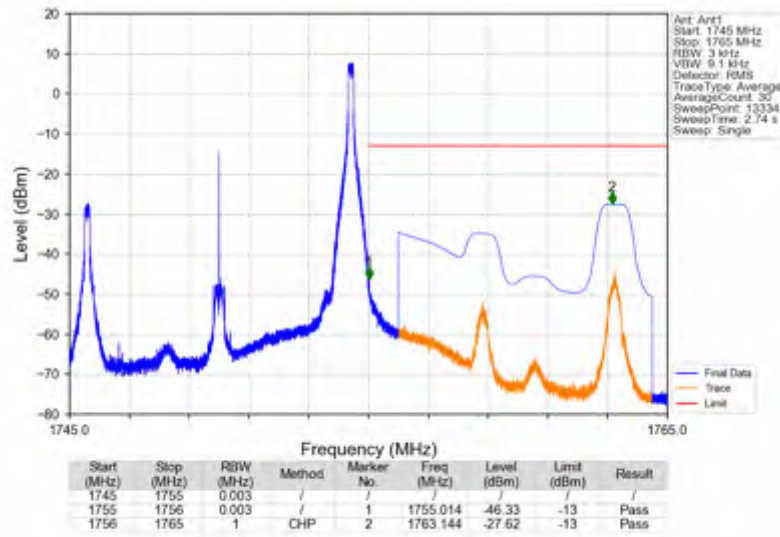
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



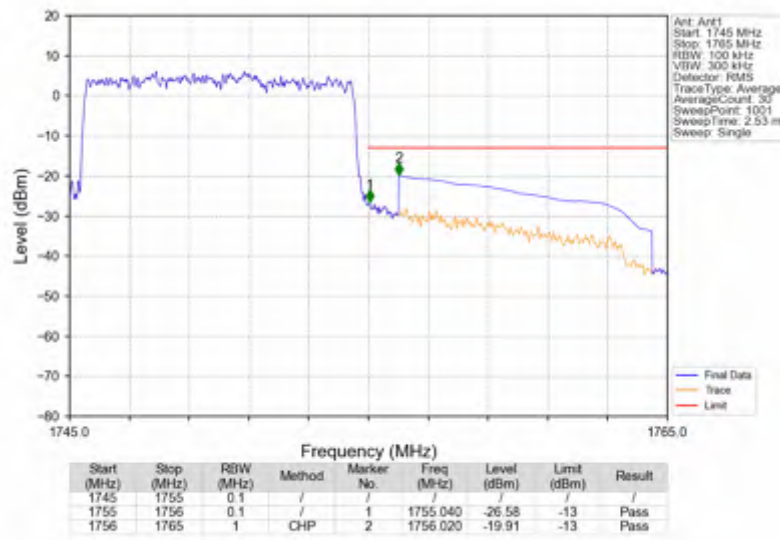
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



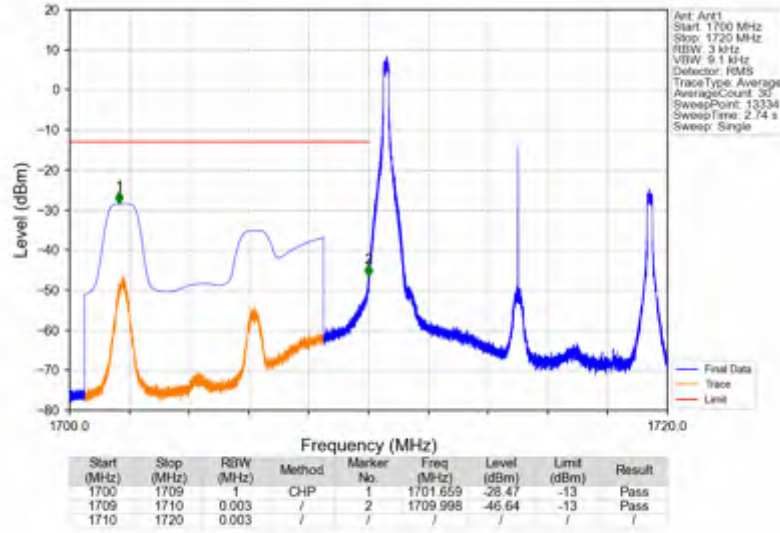
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



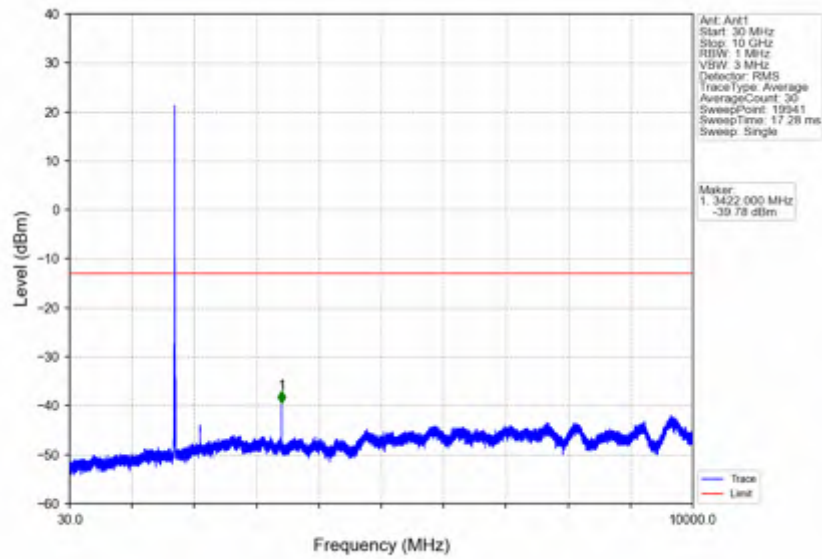
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



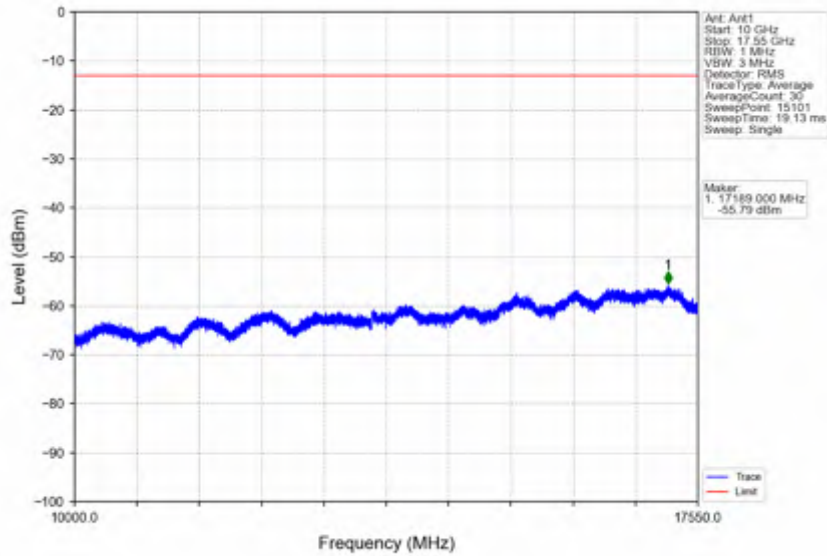
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



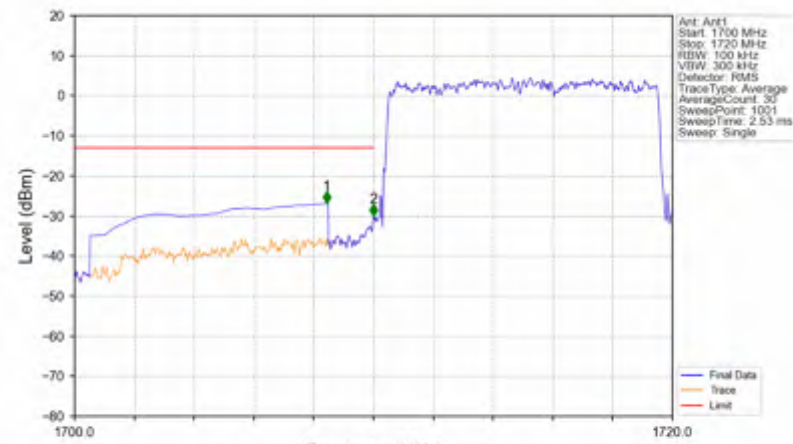
Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

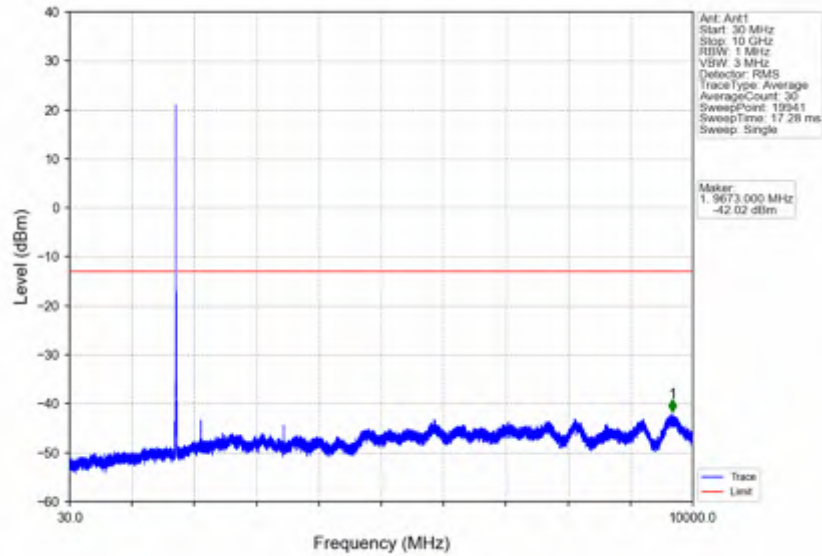


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

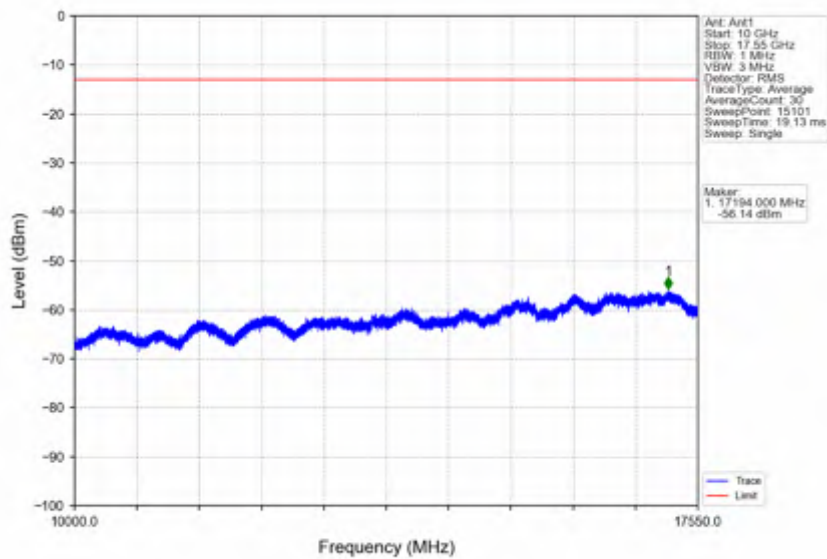


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.440	-26.88	-13	Pass
1709	1710	0.1	/	2	1710.000	-30.12	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

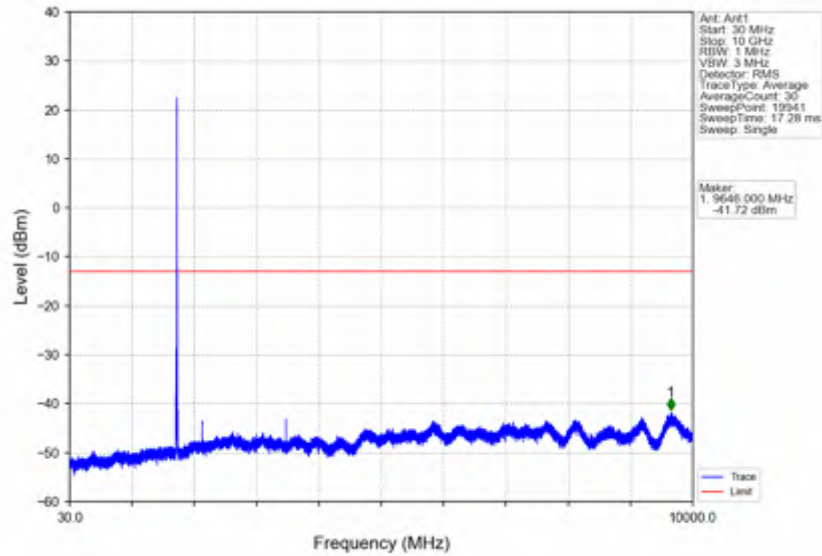
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



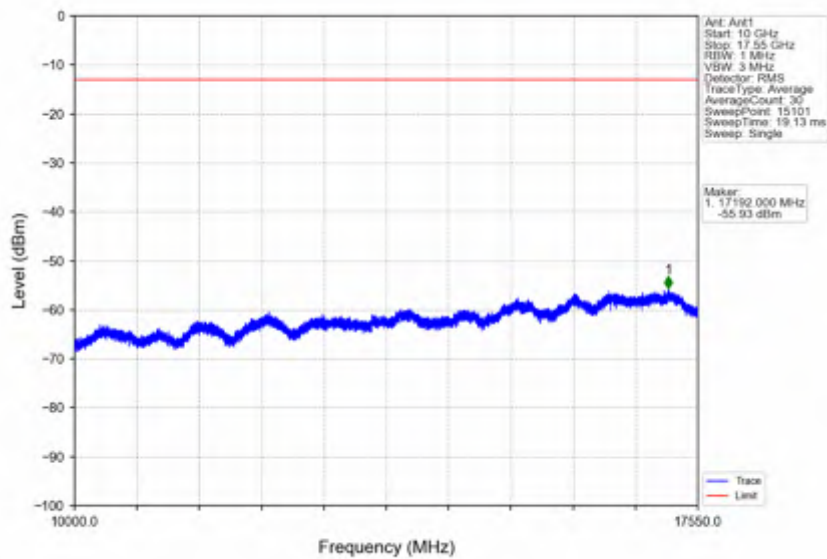
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



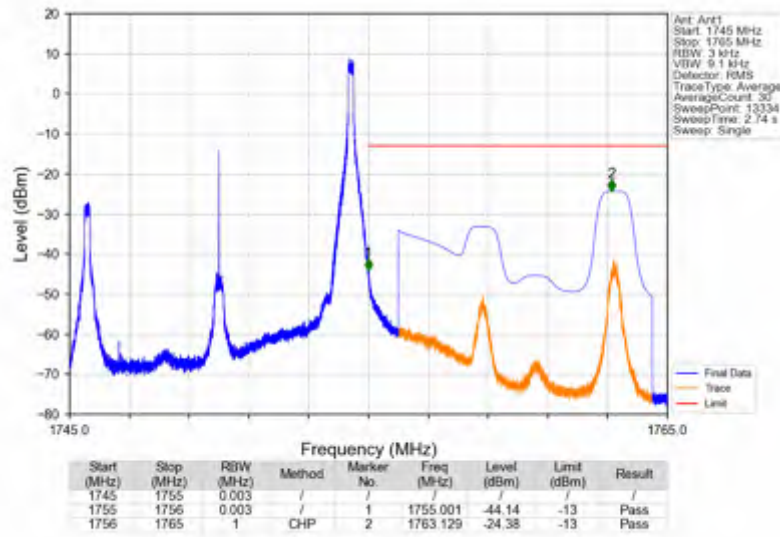
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



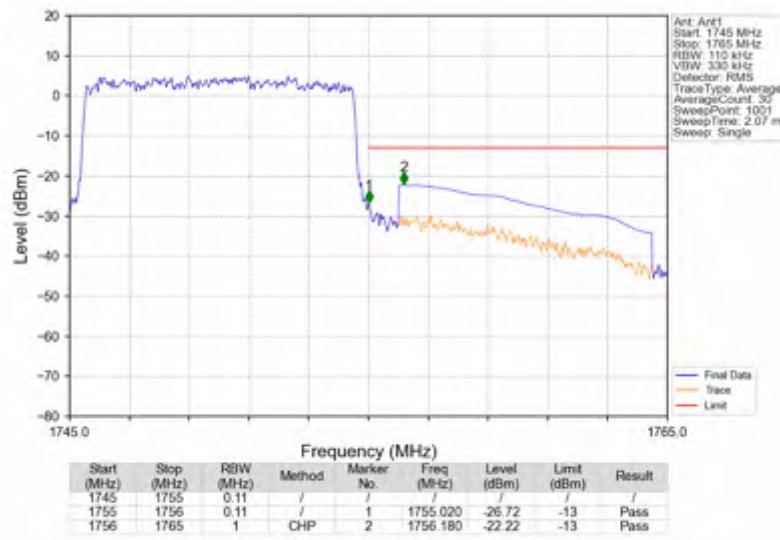
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



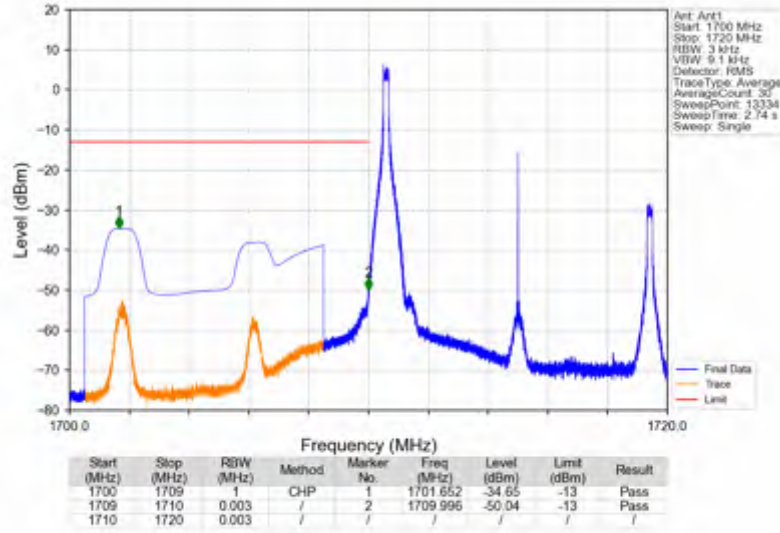
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



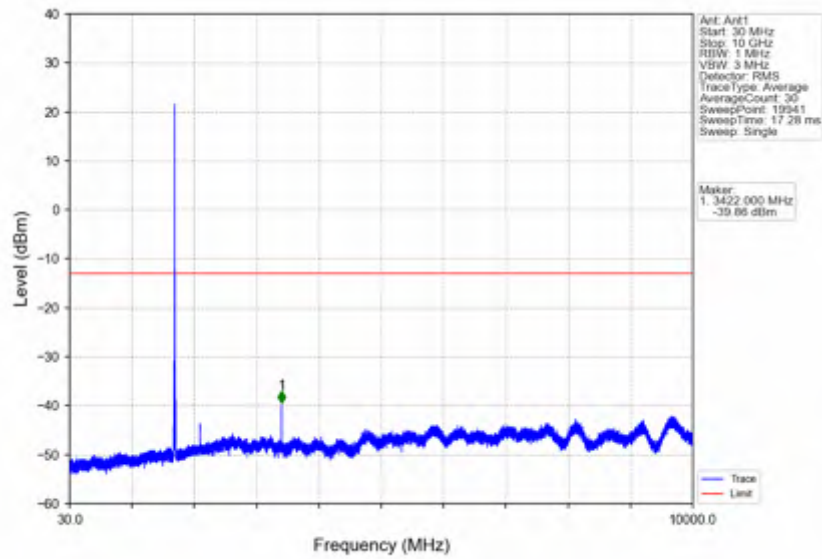
Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV



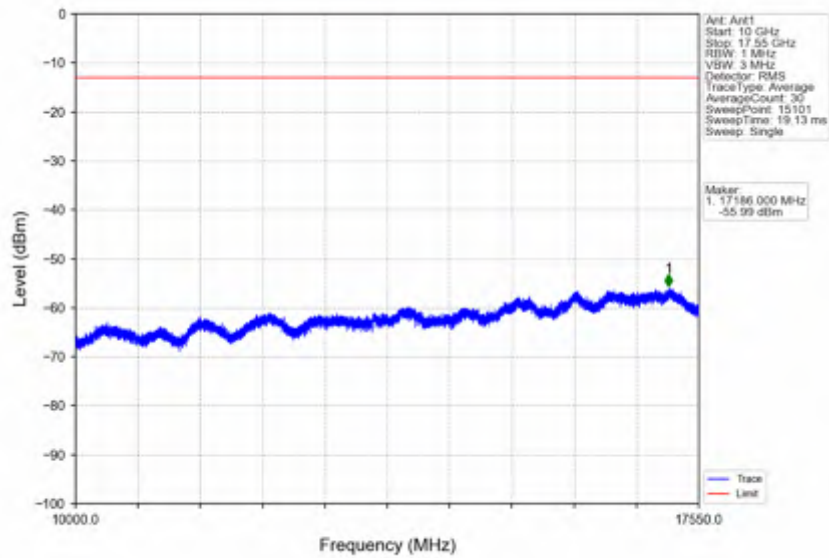
Band4_10MHz_64QAM_LCH_1715MHz_RB_1_0_NTNV



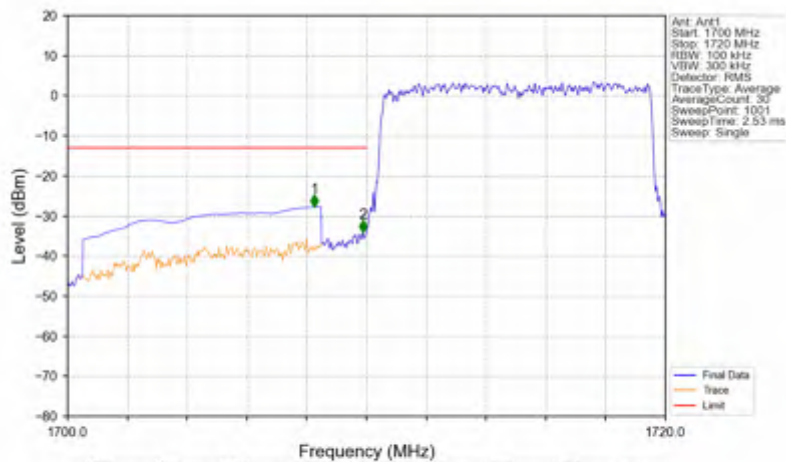
Band4_10MHz_64QAM_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_64QAM_LCH_1715MHz_RB_1_0_NTNV

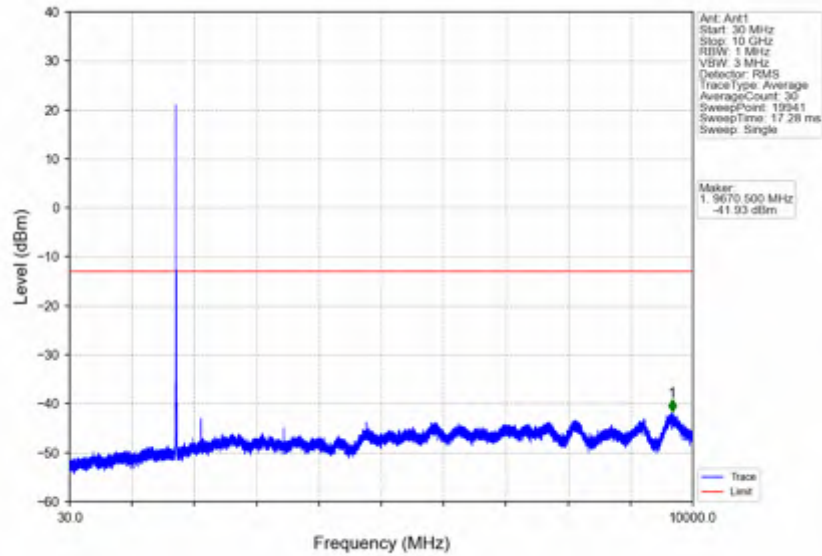


Band4_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV

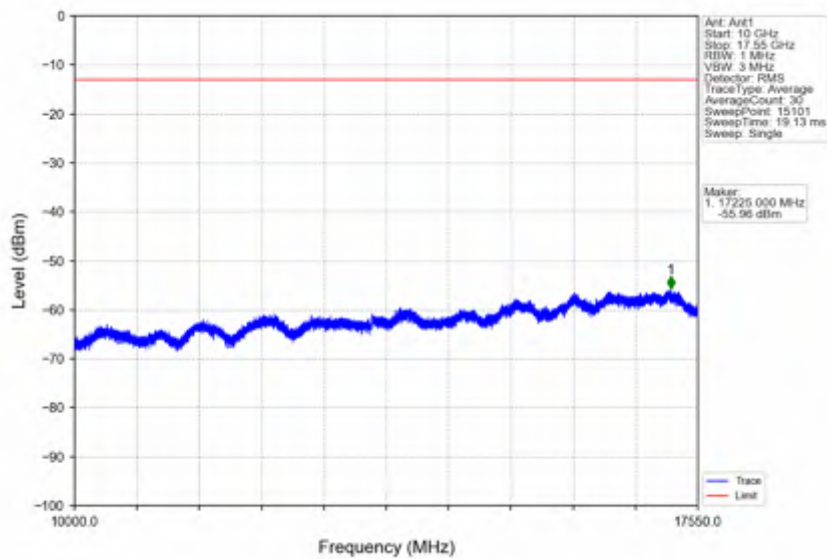


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.260	-27.73	-13	Pass
1709	1710	0.1	/	2	1709.880	-34.08	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

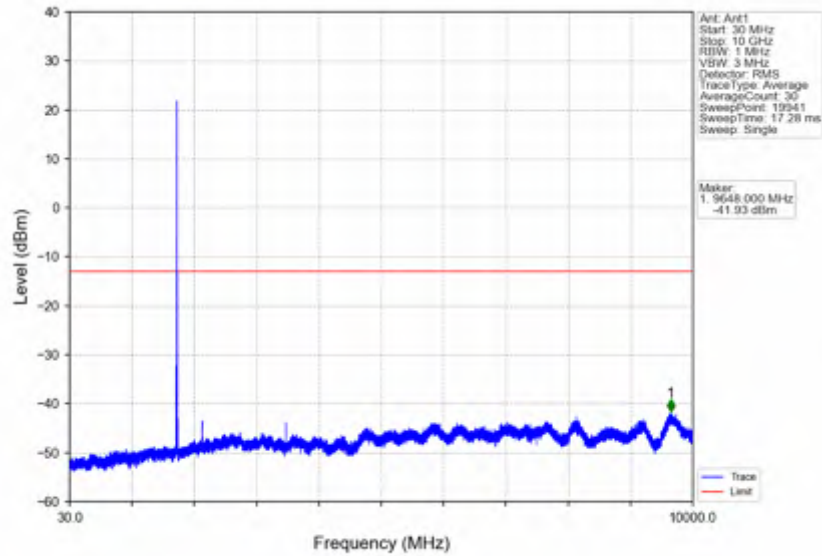
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



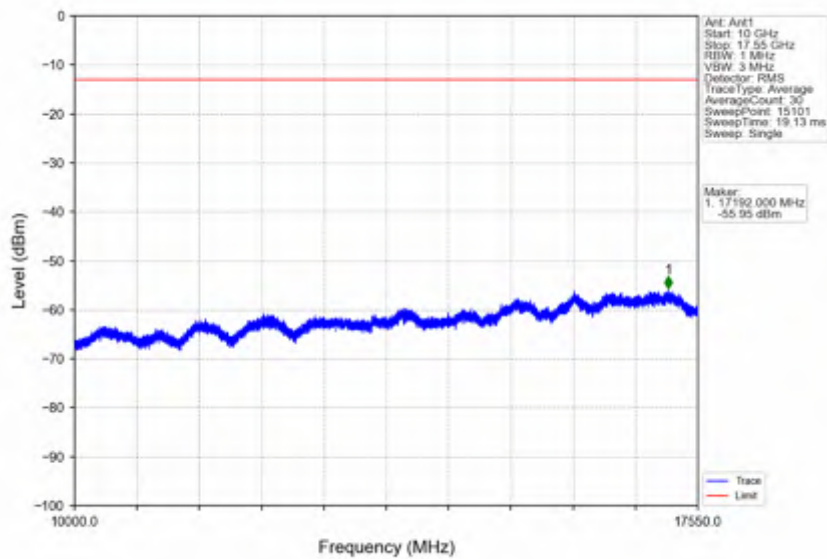
Band4_10MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



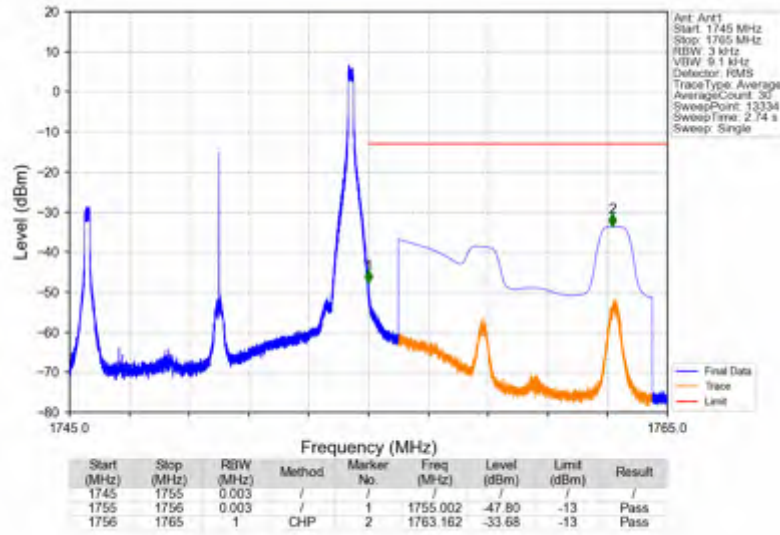
Band4_10MHz_64QAM_HCH_1750MHz_RB_1_0_NTNV



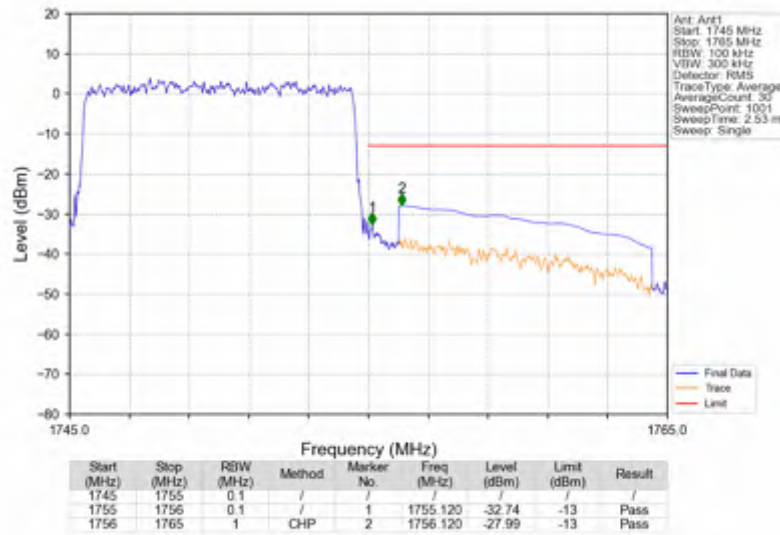
Band4_10MHz_64QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_64QAM_HCH_1750MHz_RB_1_49_NTNV



Band4_10MHz_64QAM_HCH_1750MHz_RB_50_0_NTNV





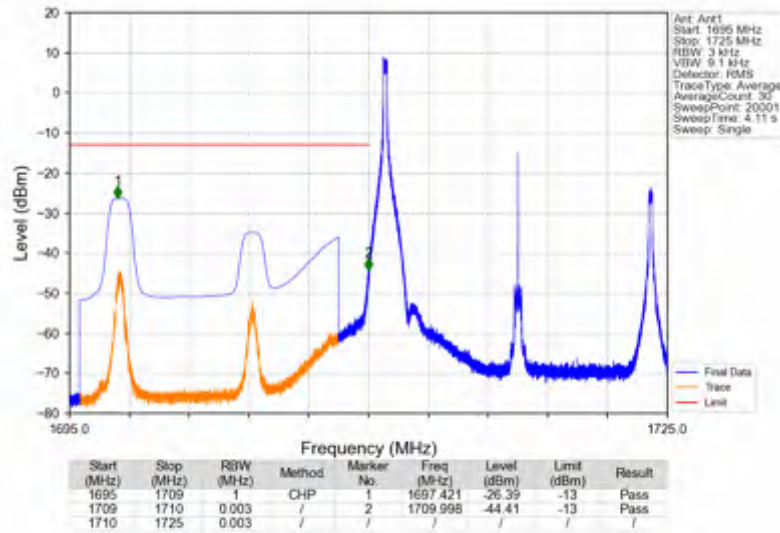
6.5 B4_15MHz

6.5.1 Test Result

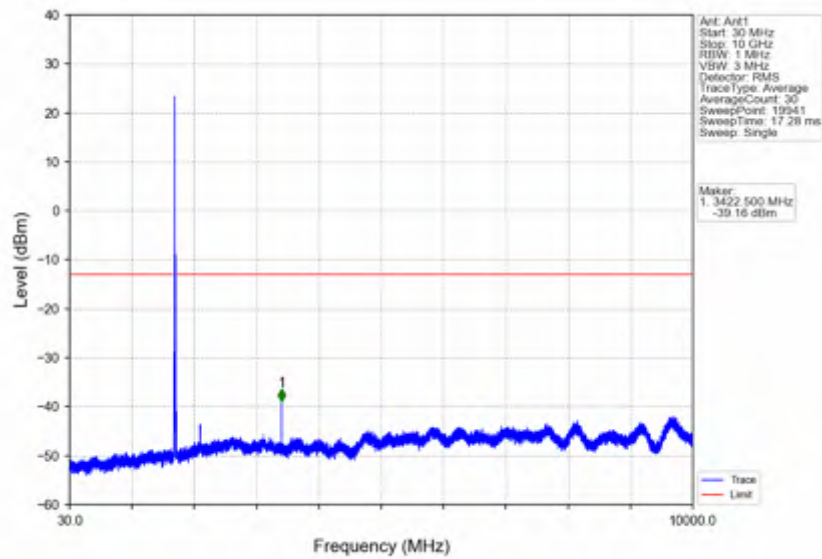
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			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
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
64QAM	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
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.5.2 Test Graph

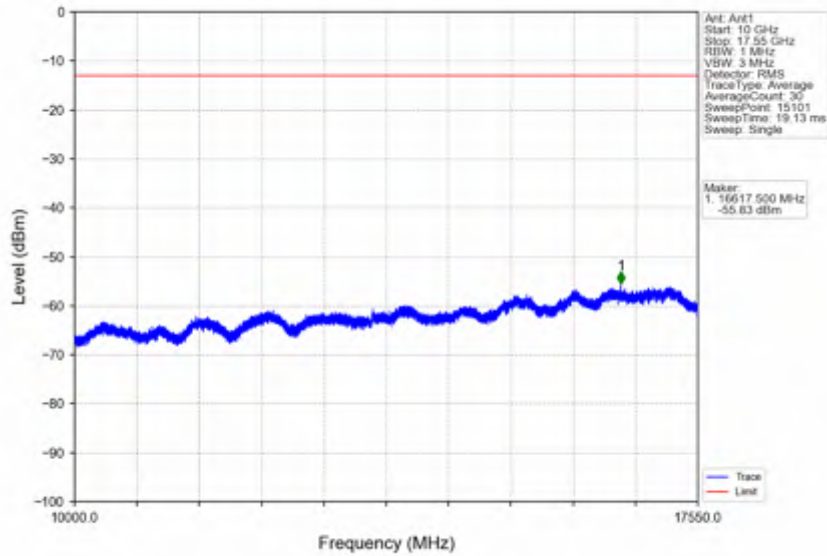
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



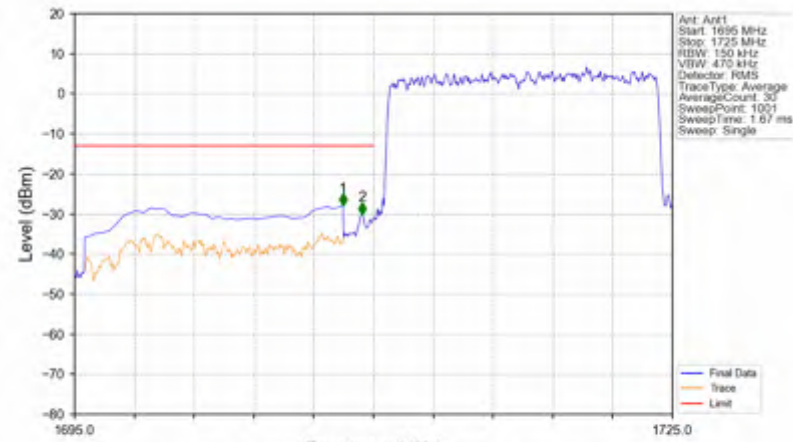
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

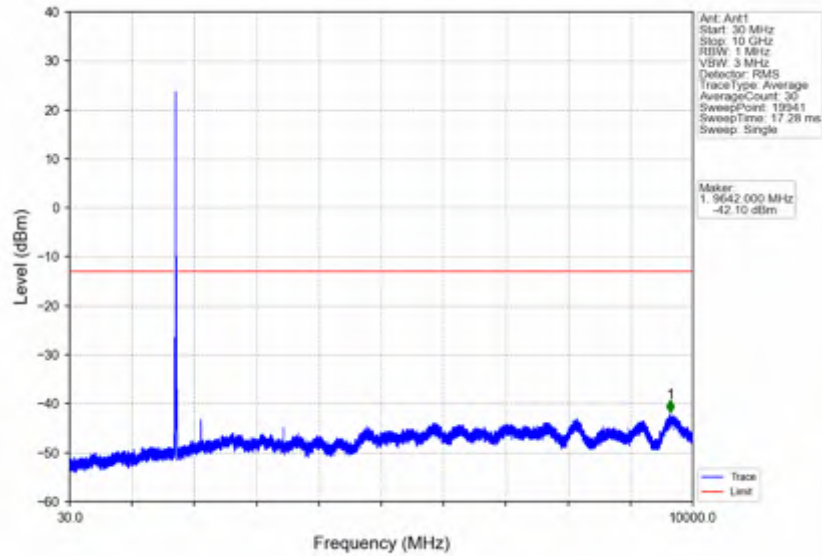


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

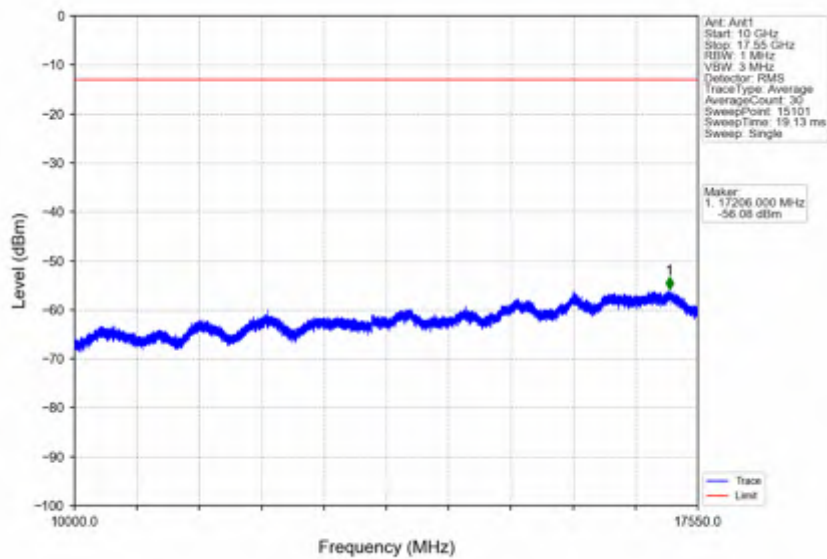


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-27.97	-13	Pass
1709	1710	0.15	/	2	1709.430	-30.17	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

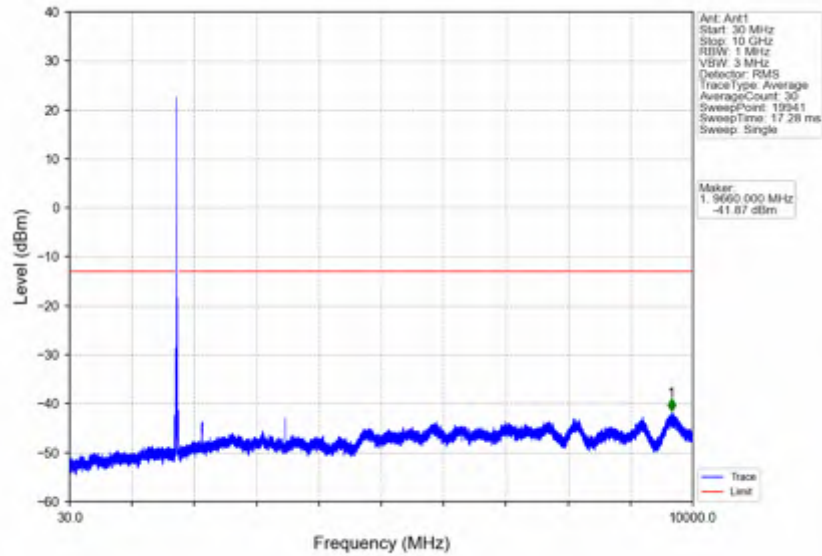
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



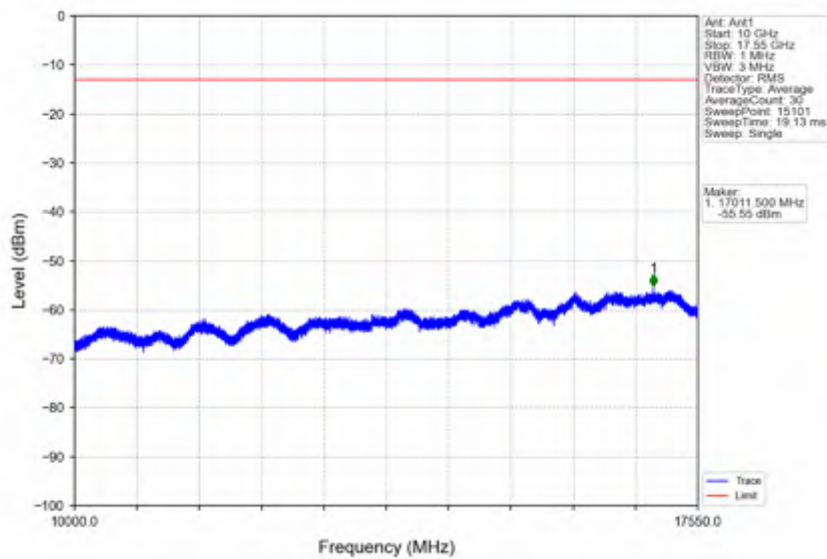
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



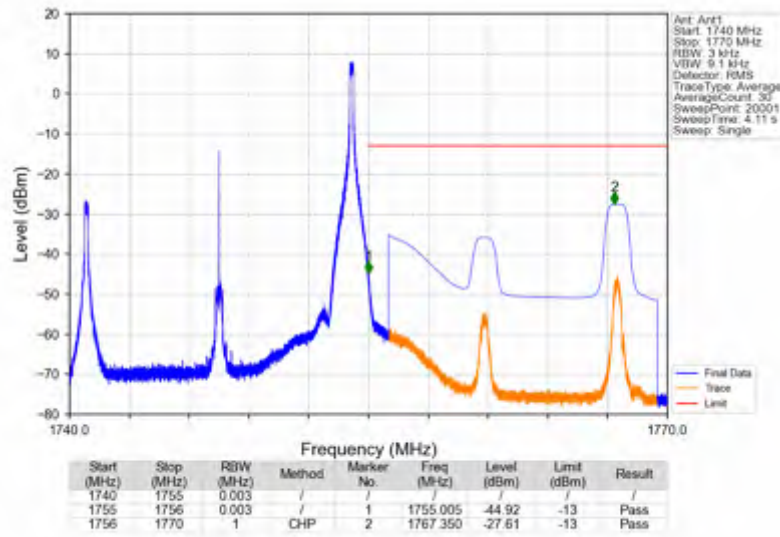
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



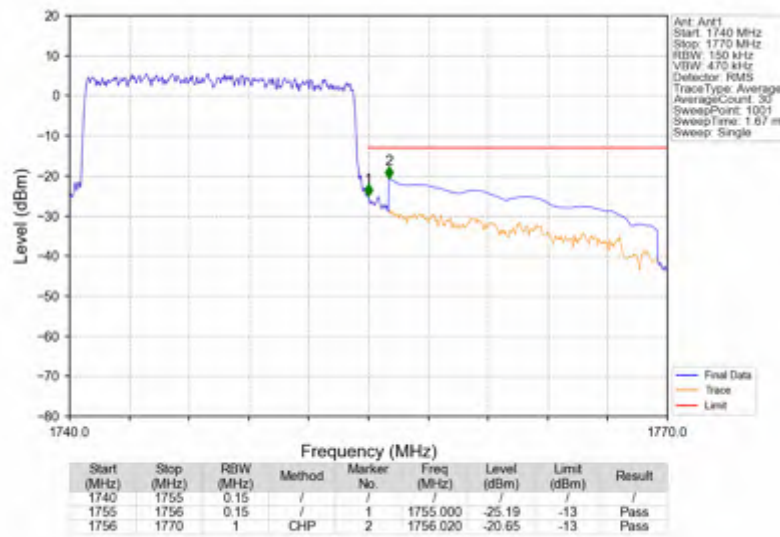
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



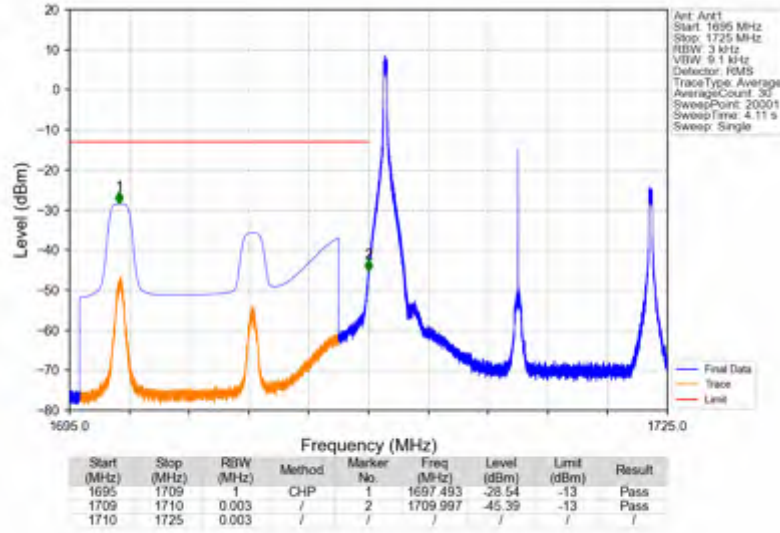
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



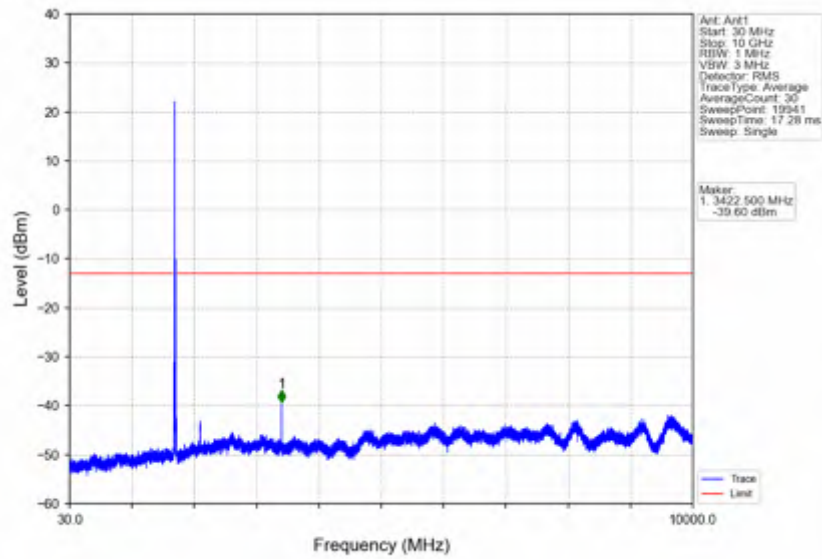
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



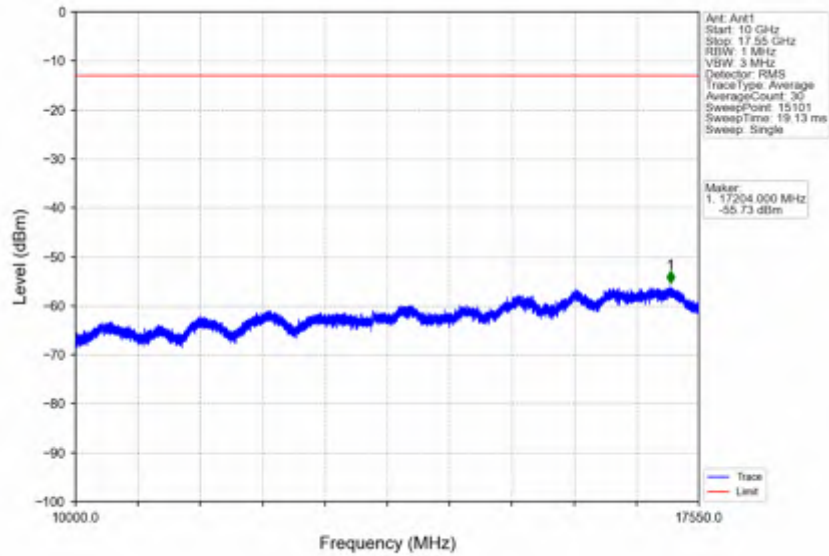
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



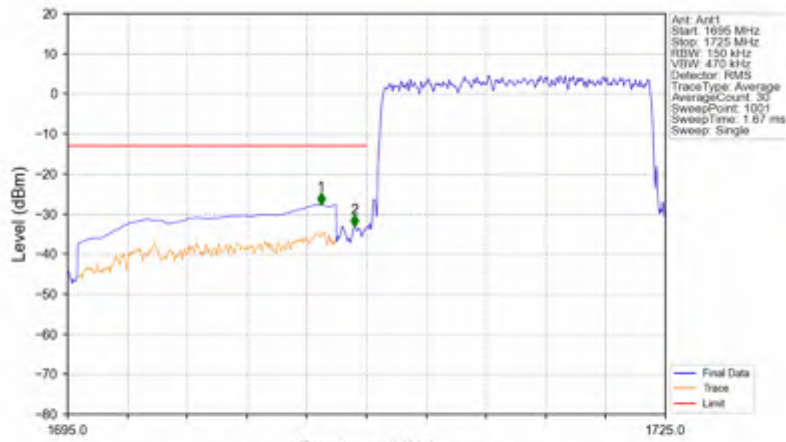
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

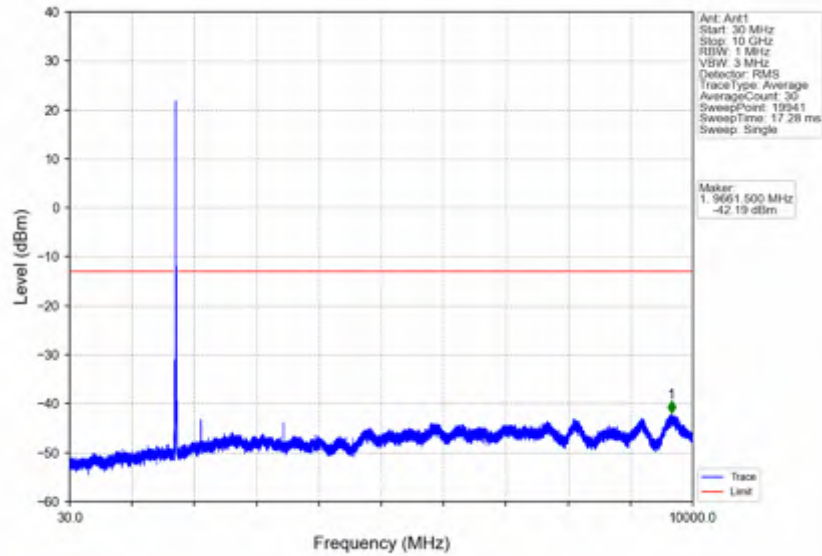


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

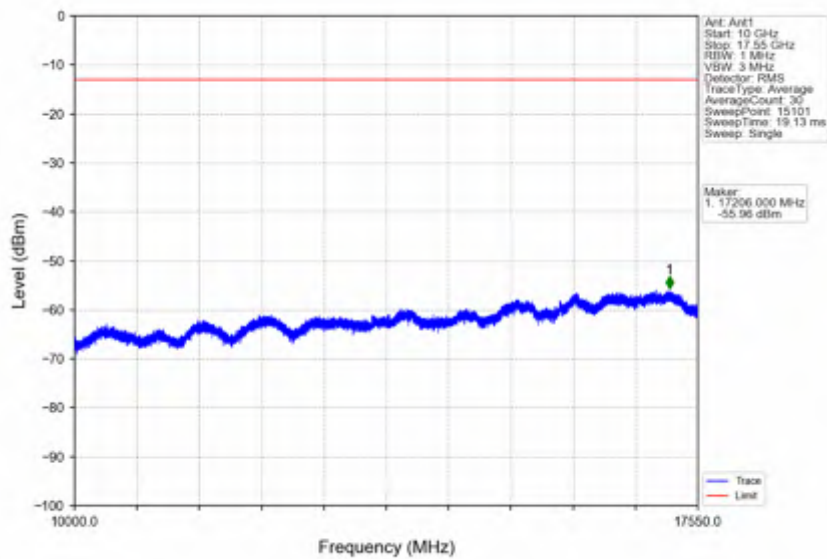


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.720	-27.72	-13	Pass
1709	1710	0.15	/	2	1709.400	-33.24	-13	Pass
1710	1725	0.15	/	/	/	/	/	/

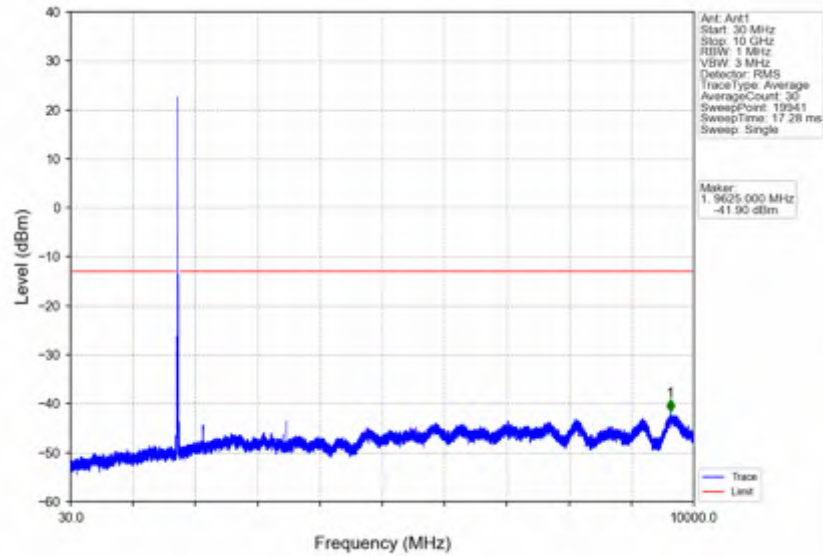
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



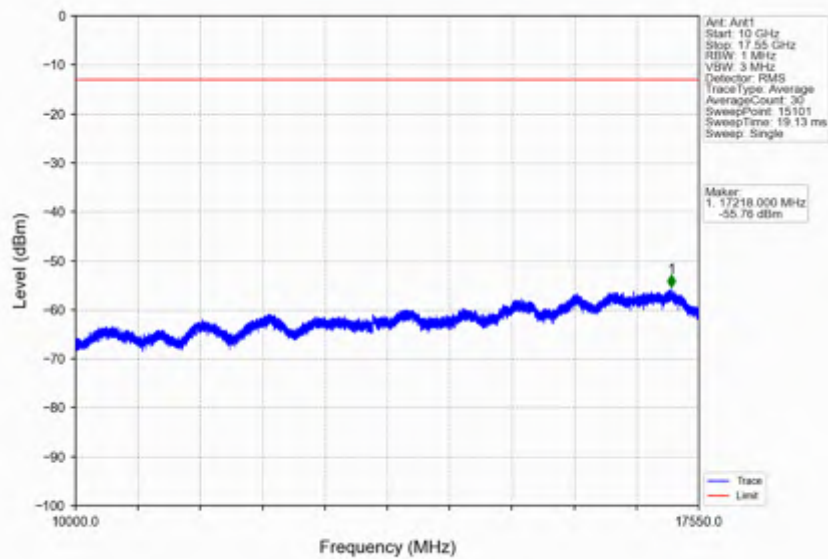
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



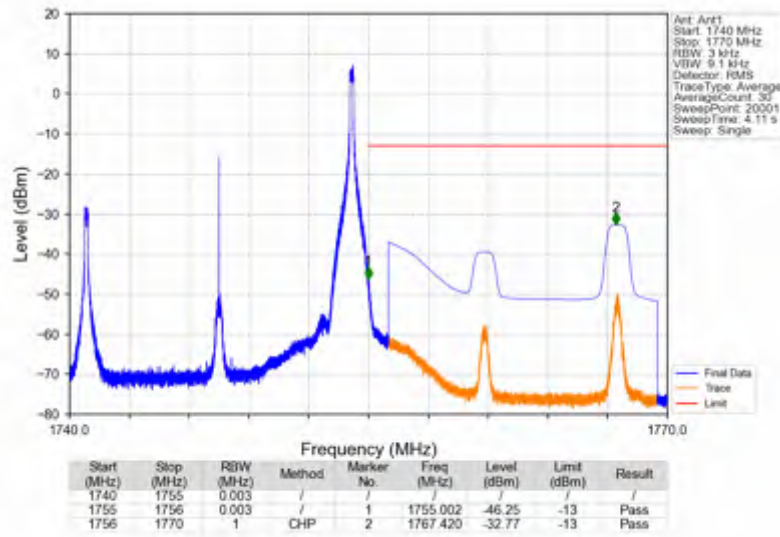
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



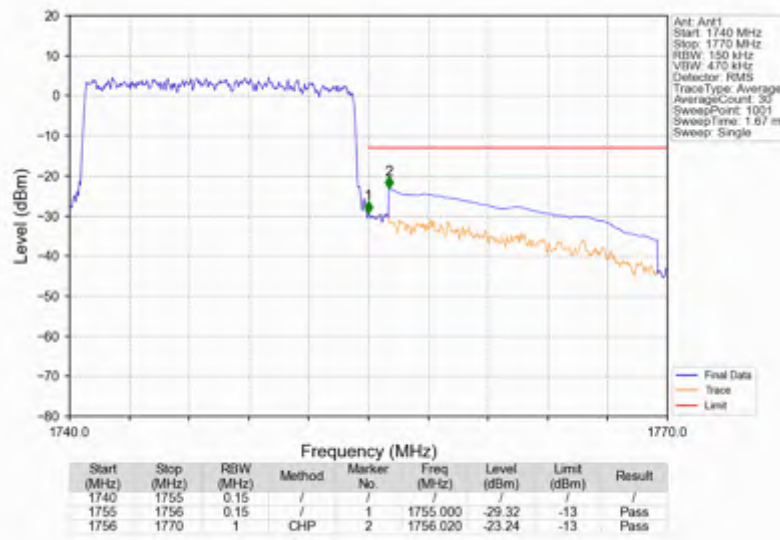
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



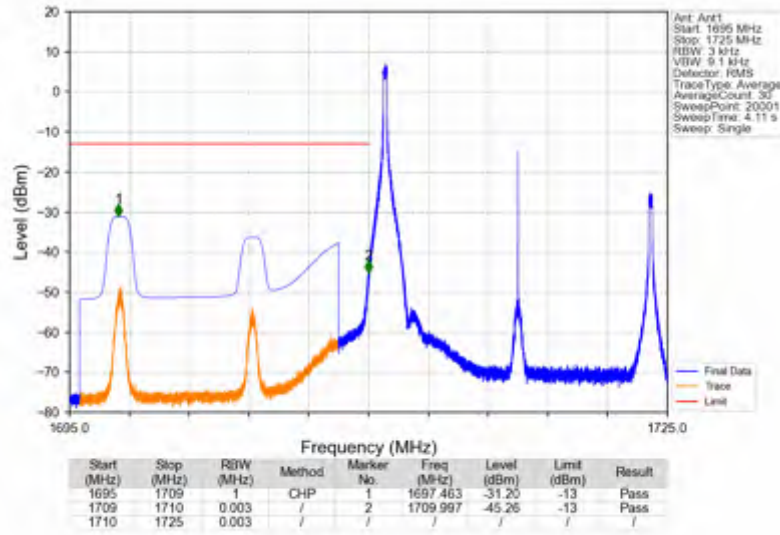
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



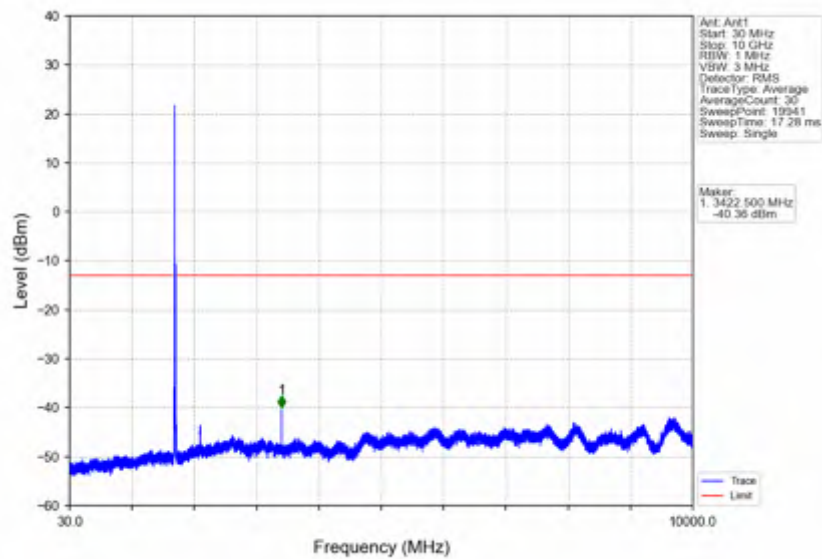
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV



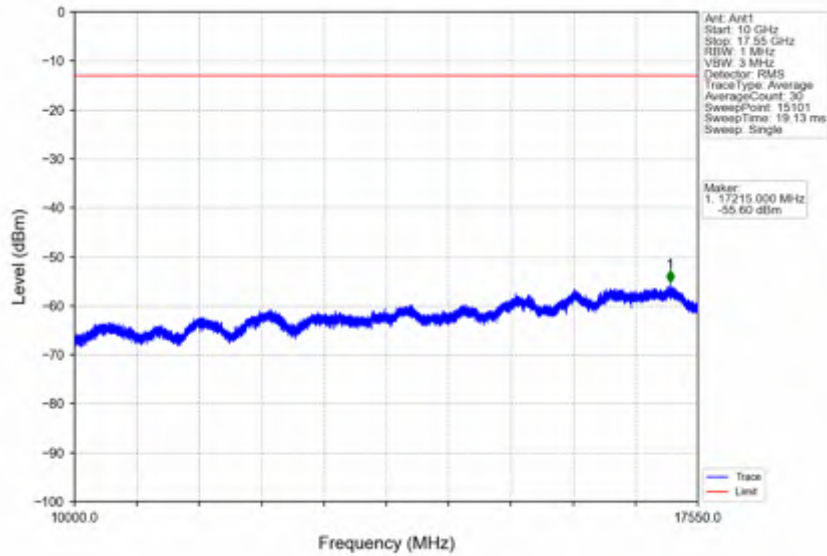
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV



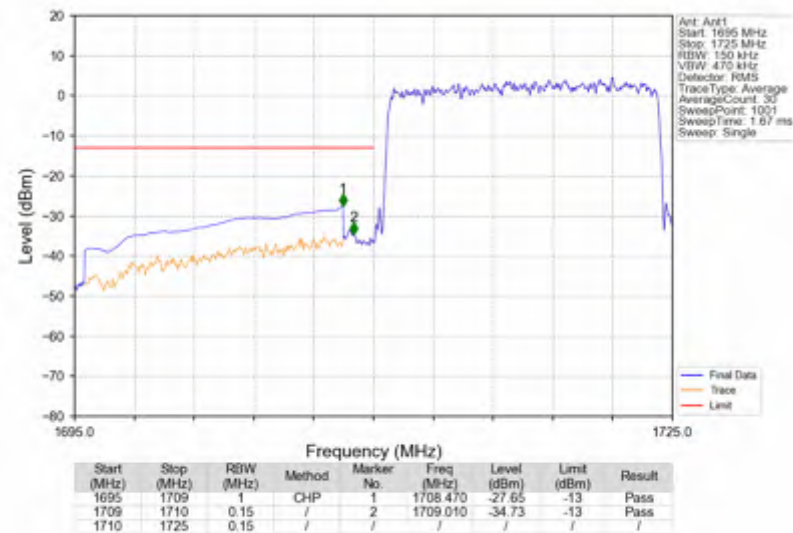
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV



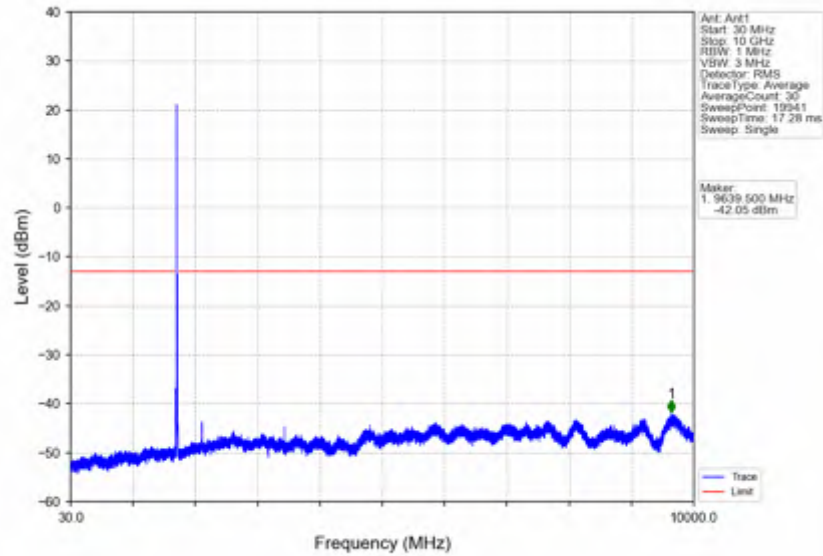
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_1_0_NTNV



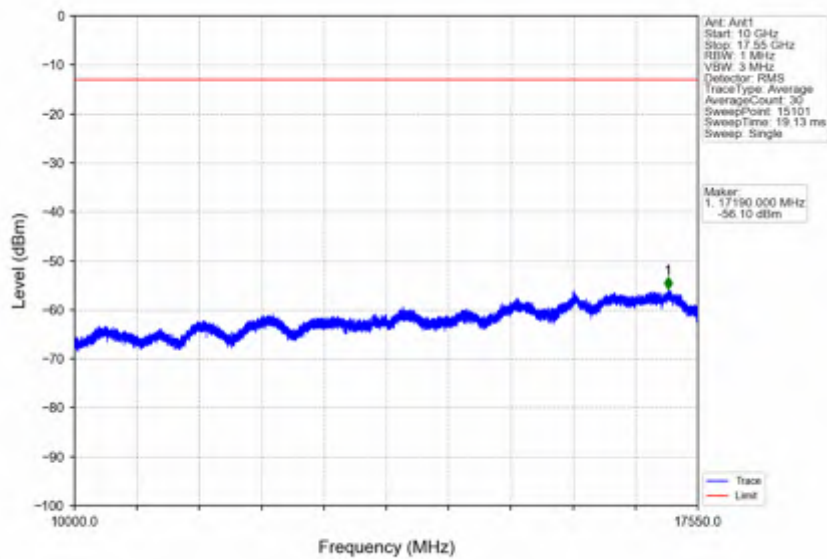
Band4_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



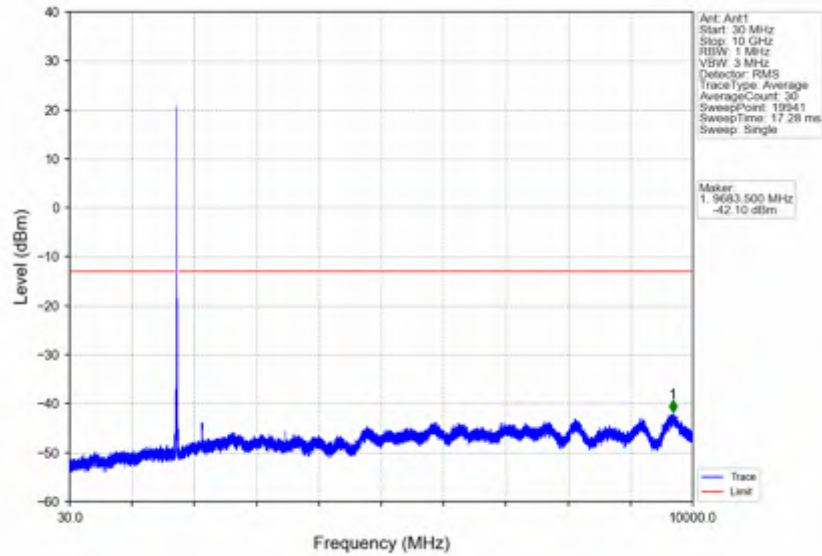
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



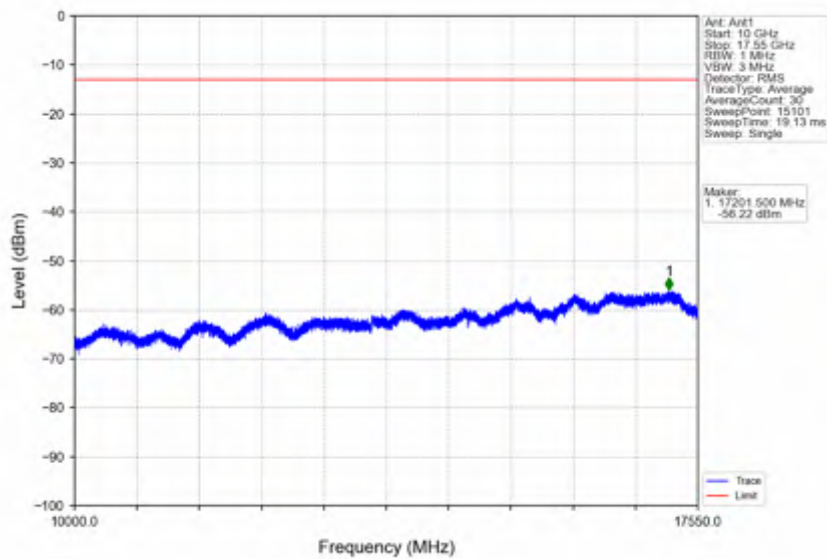
Band4_15MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



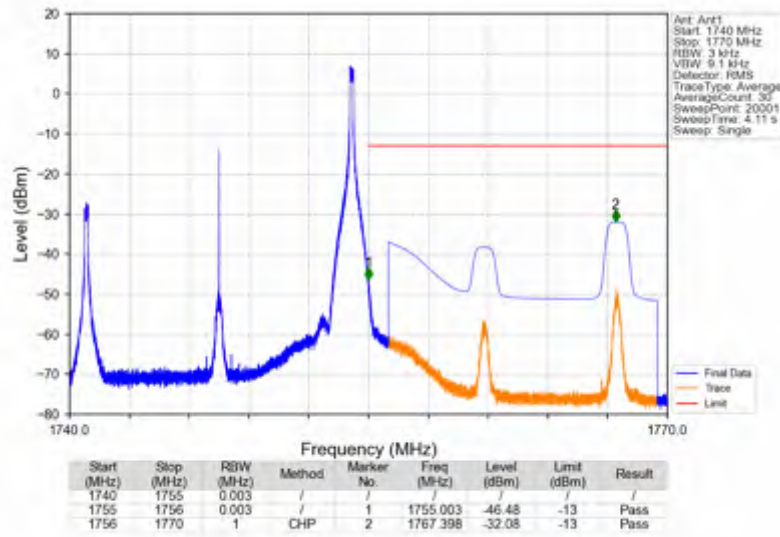
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_0_NTNV



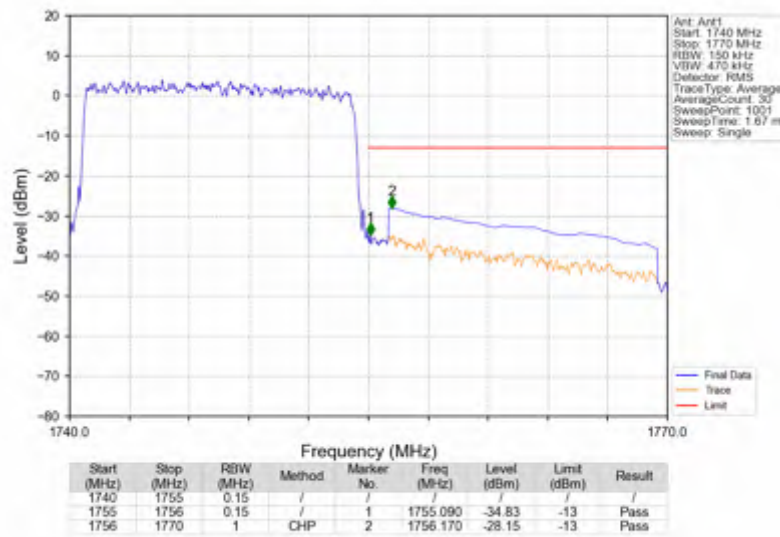
Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_64QAM_HCH_1747.5MHz_RB_1_74_NTNV



Band4_15MHz_64QAM_HCH_1747.5MHz_RB_75_0_NTNV



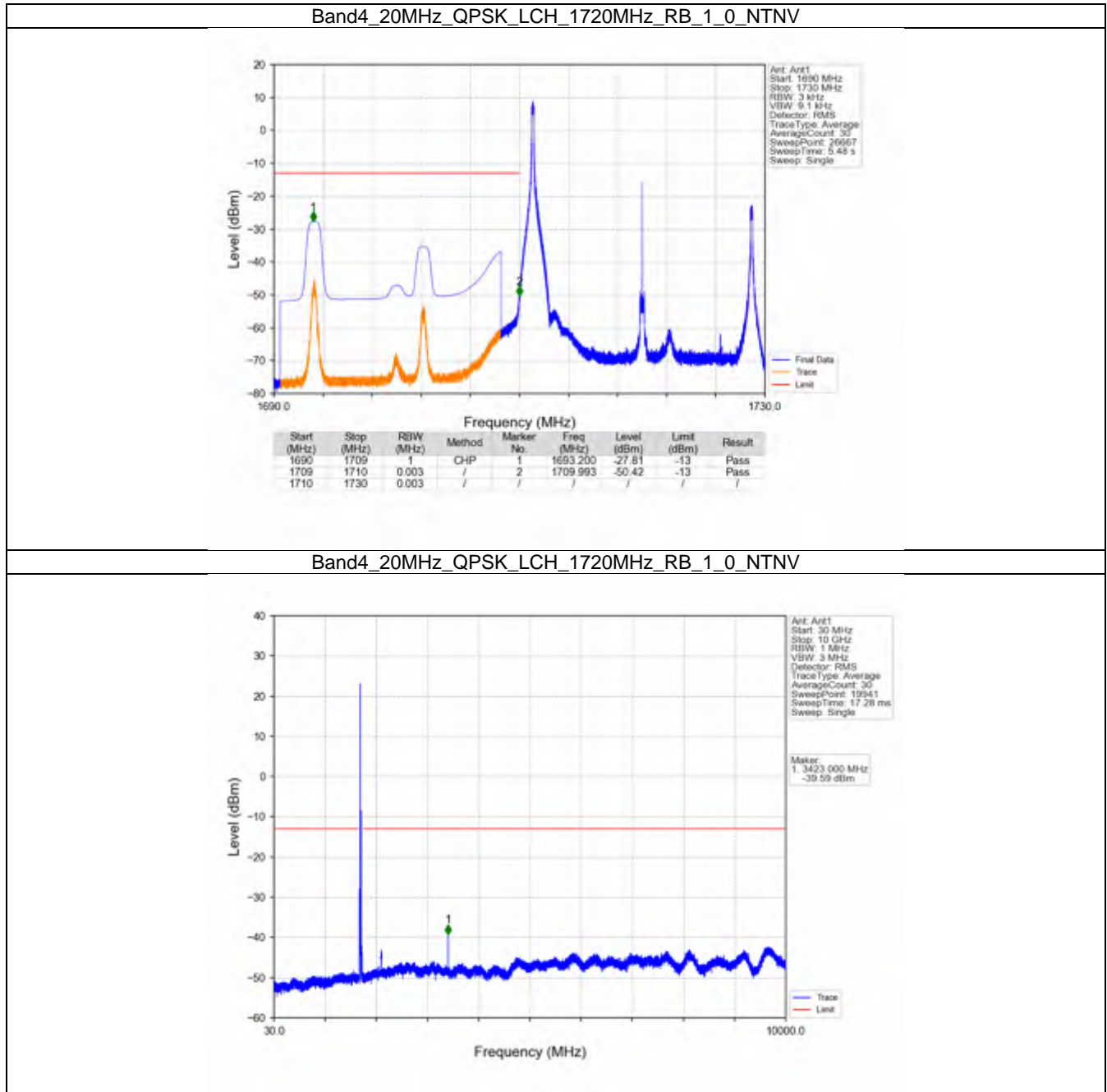


6.6 B4_20MHz

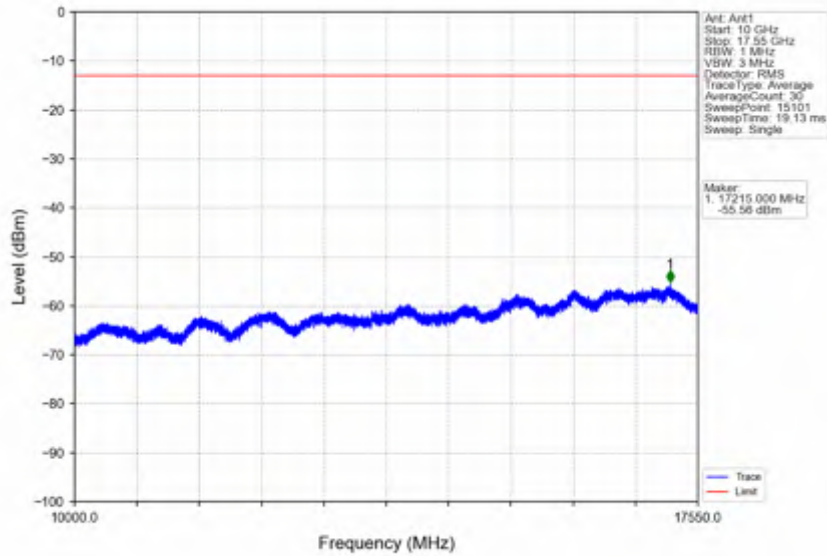
6.6.1 Test Result

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
		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
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
64QAM	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

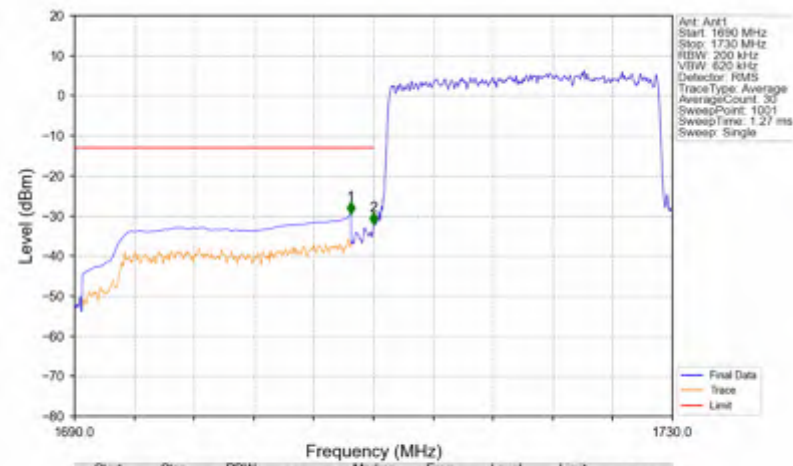
6.6.2 Test Graph



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

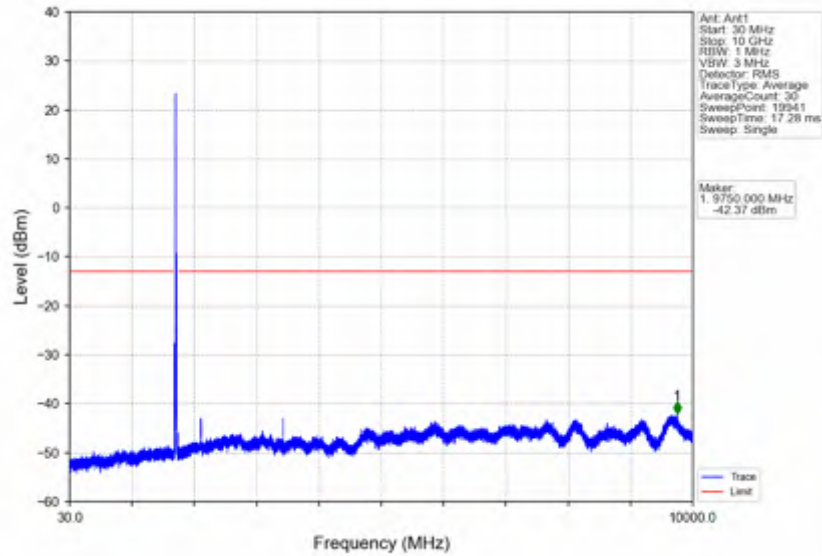


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

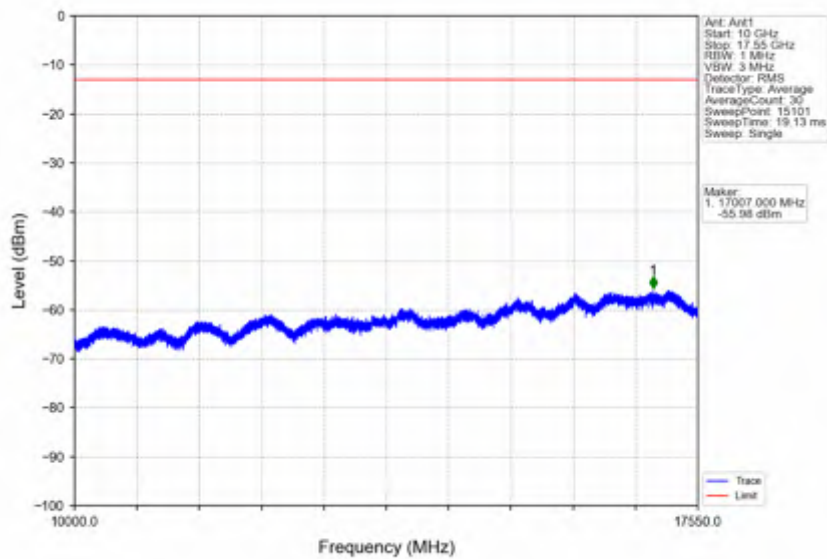


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-29.54	-13	Pass
1709	1710	0.2	/	2	1710.000	-32.23	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

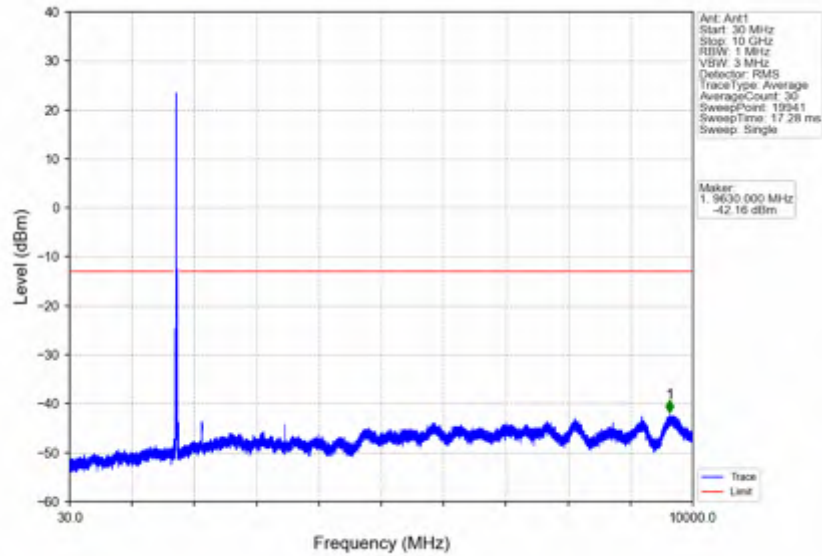
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



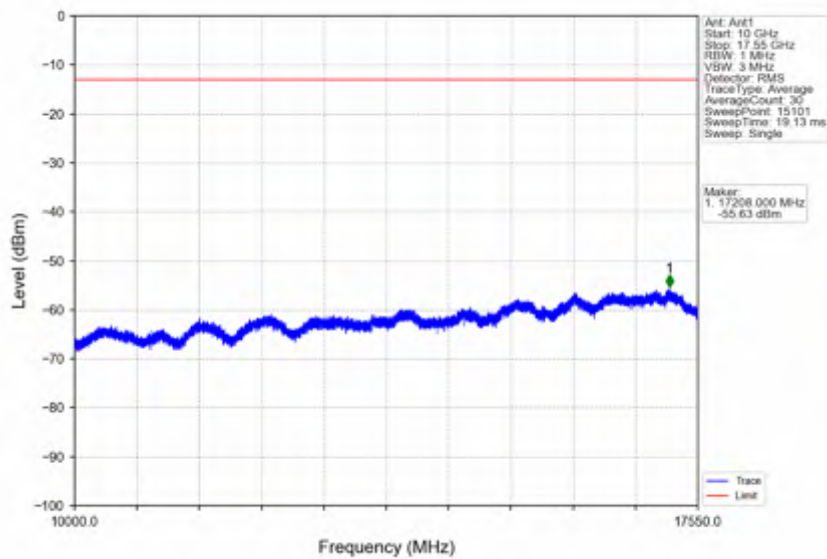
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



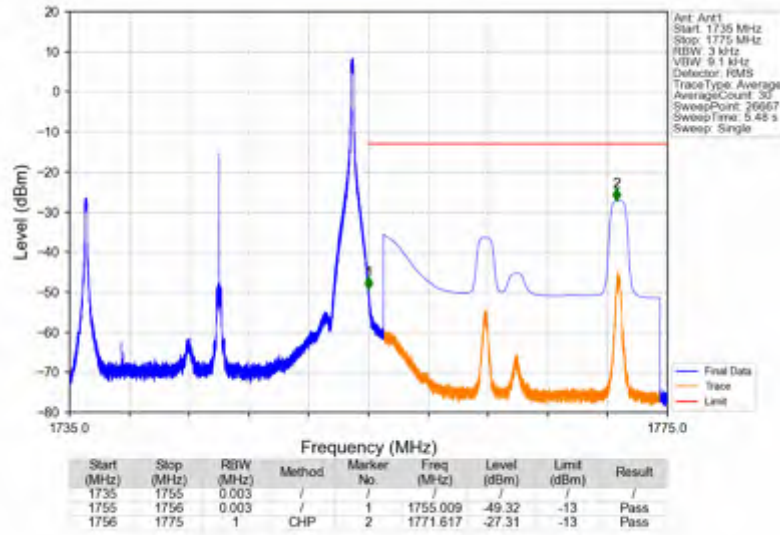
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



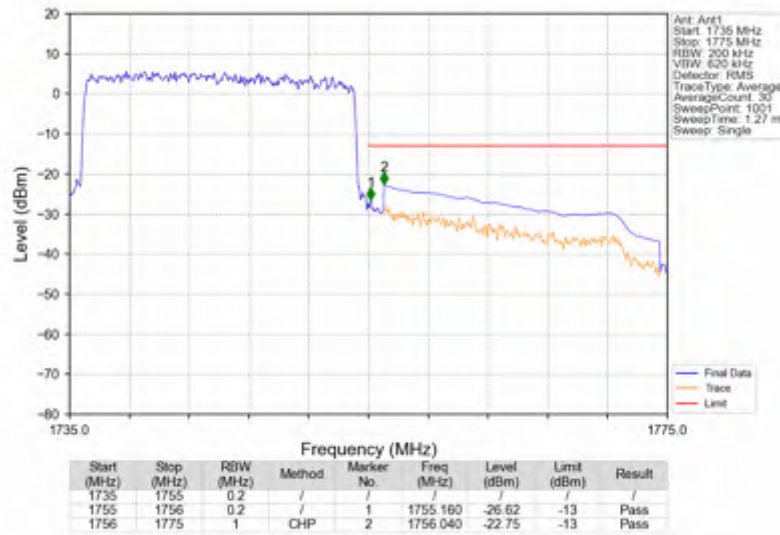
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



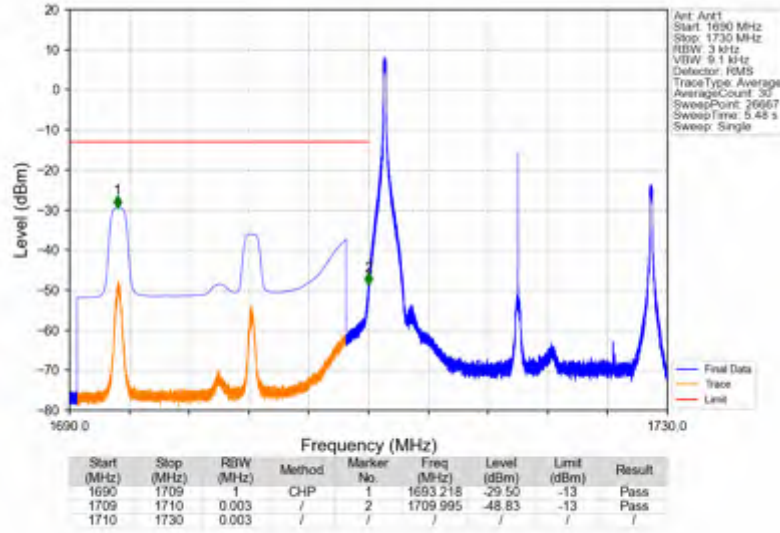
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



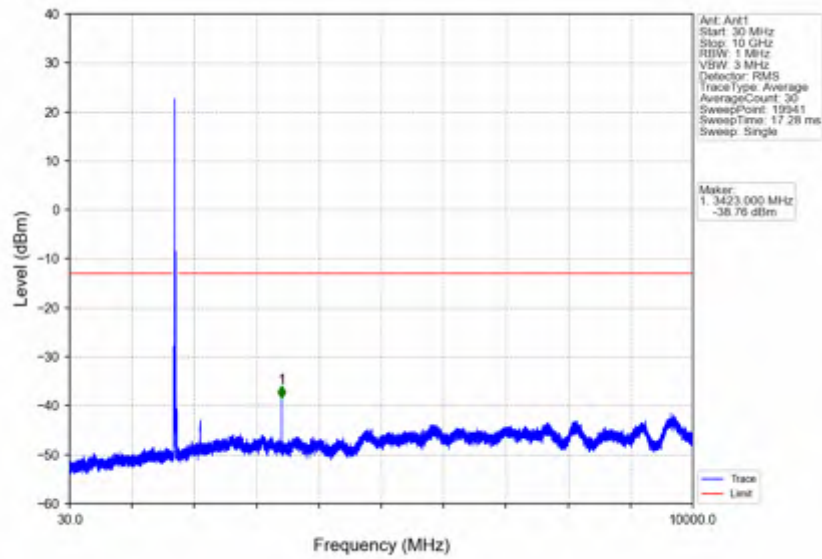
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



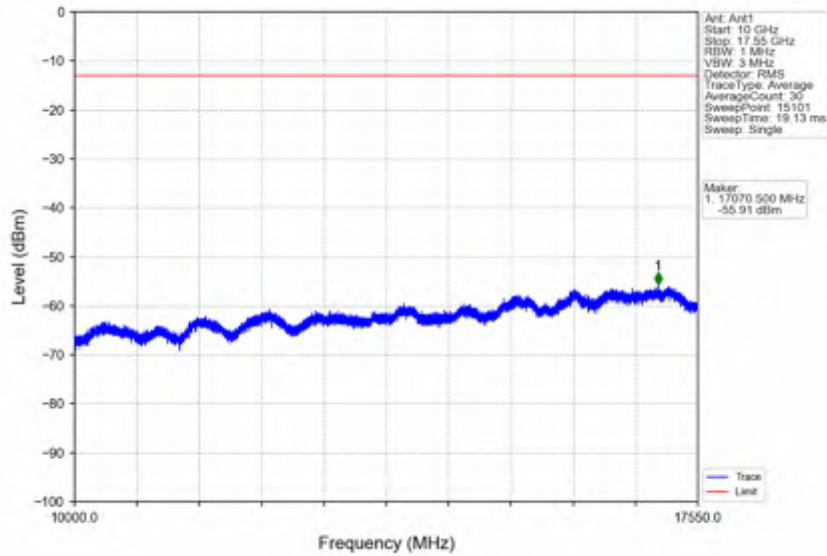
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



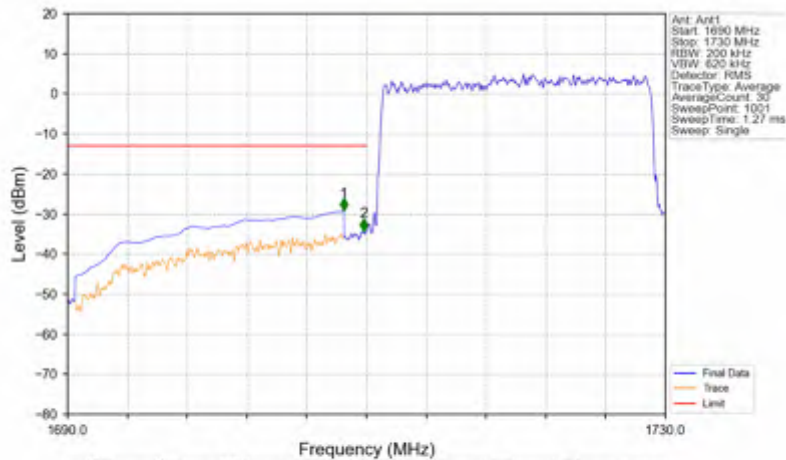
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

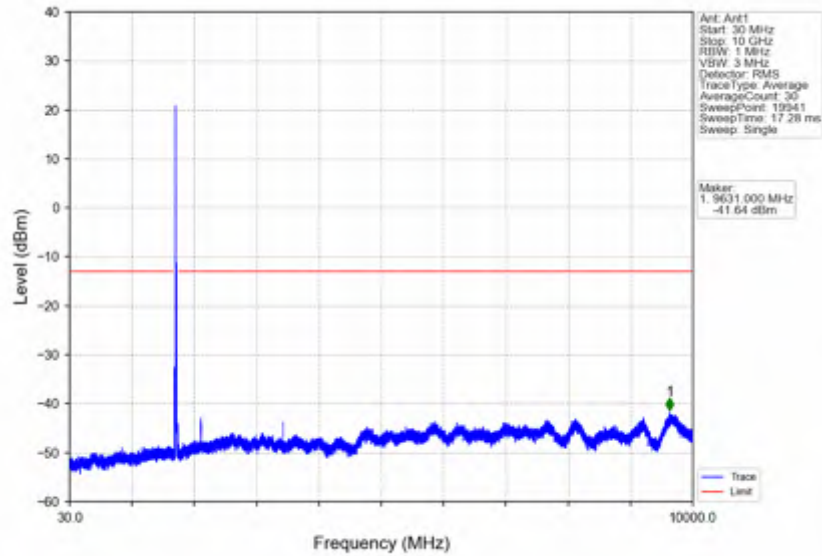


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

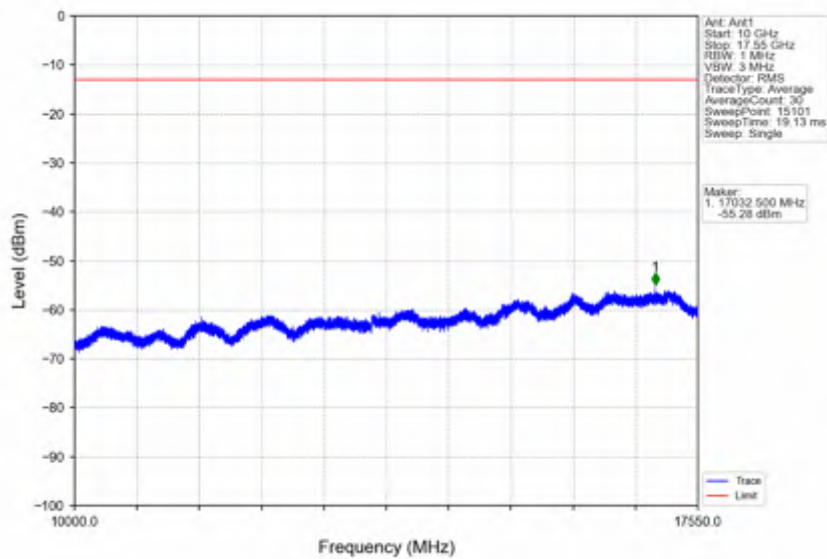


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-29.25	-13	Pass
1709	1710	0.2	/	2	1709.800	-34.23	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

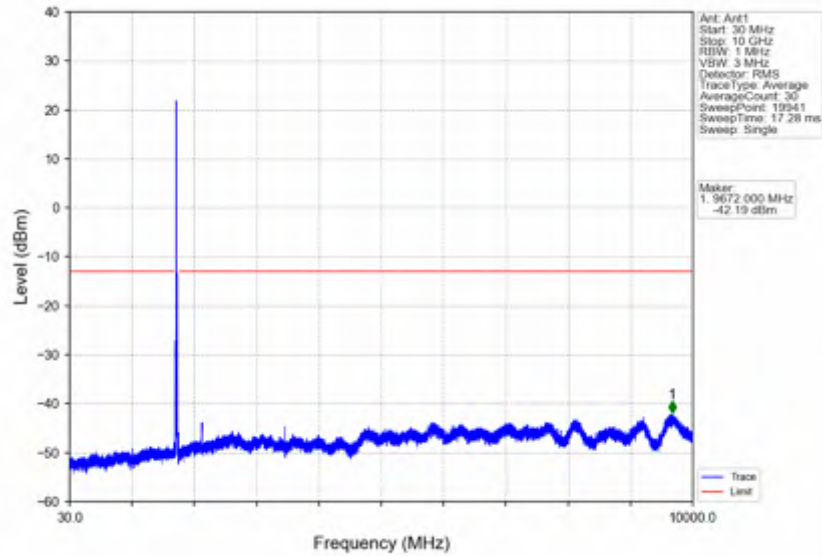
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



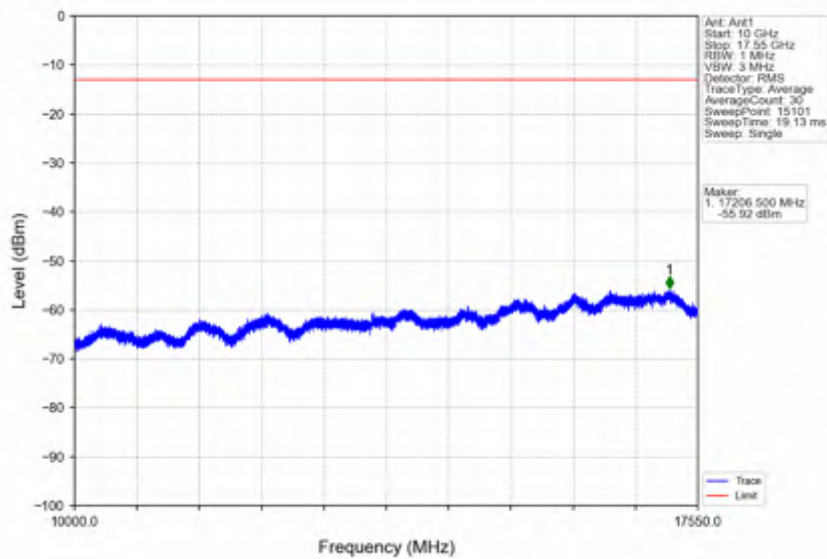
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



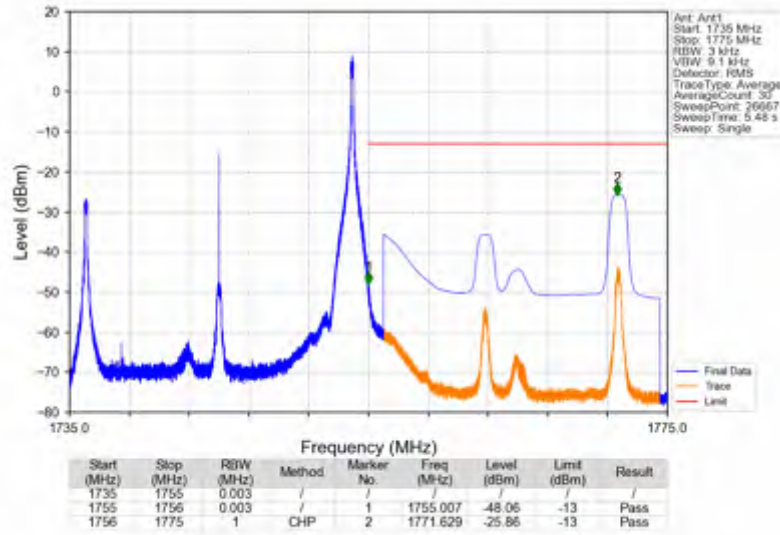
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



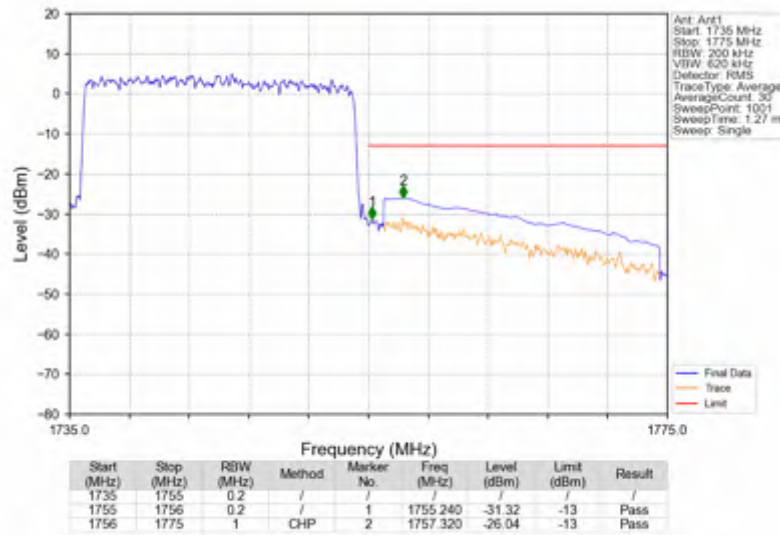
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



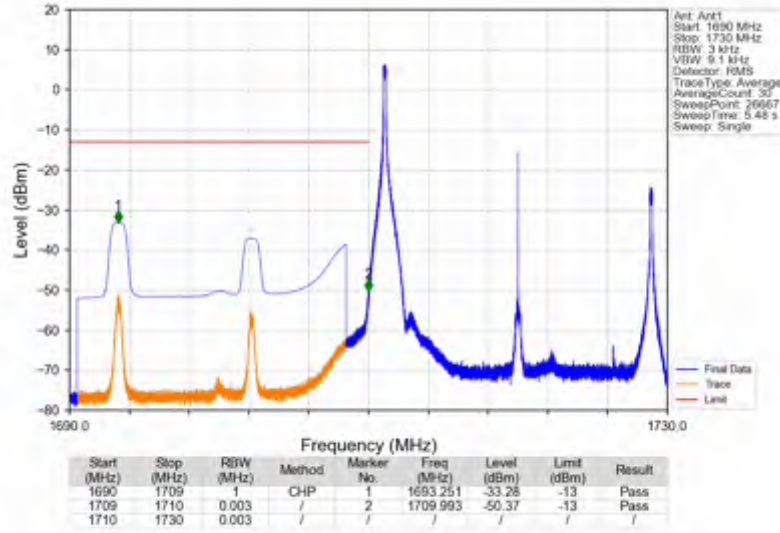
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



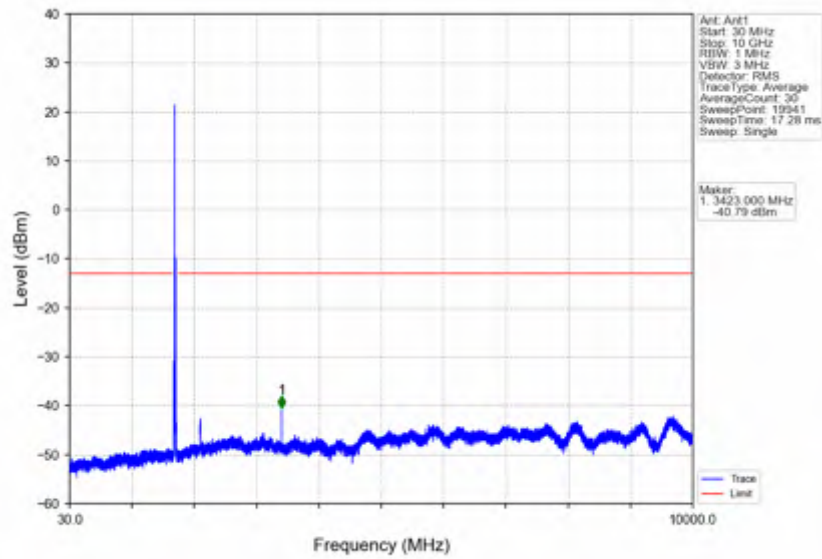
Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



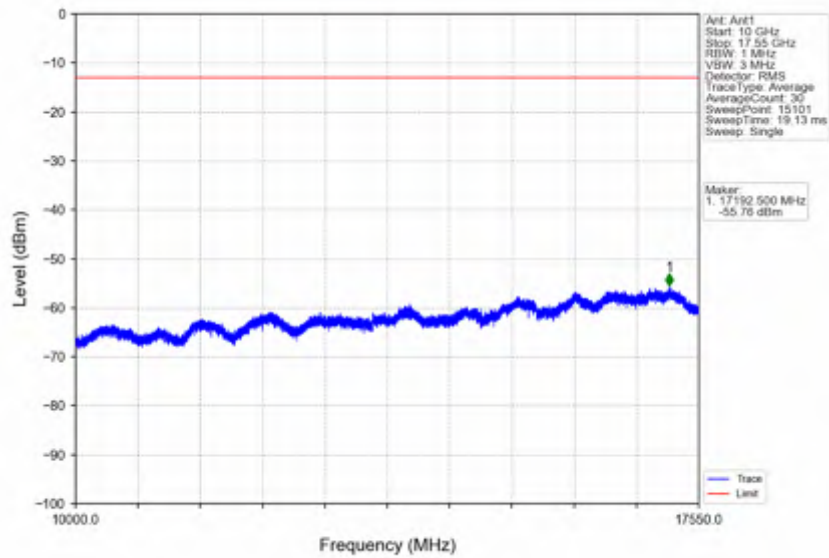
Band4_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV



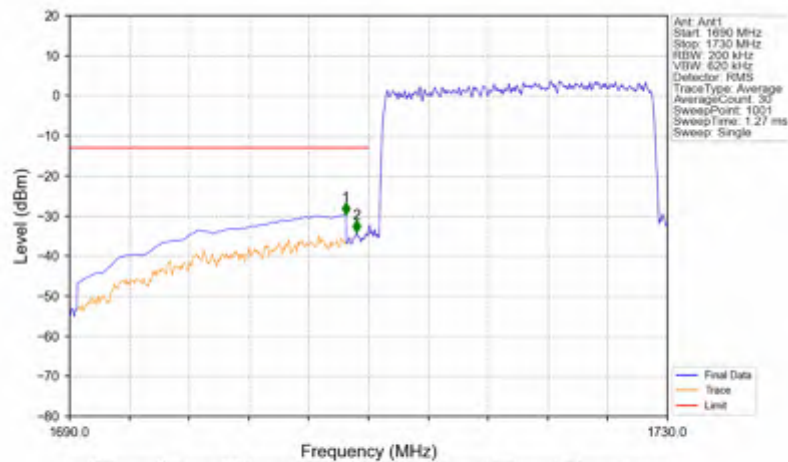
Band4_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_64QAM_LCH_1720MHz_RB_1_0_NTNV

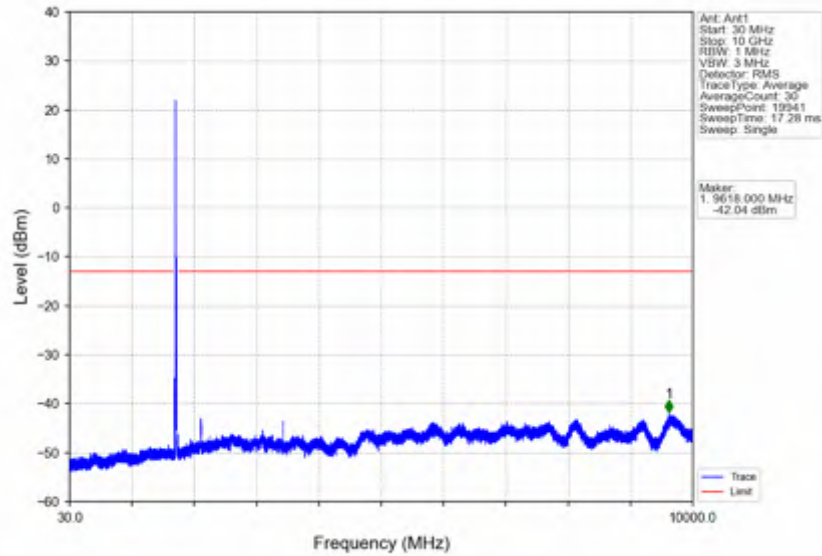


Band4_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV

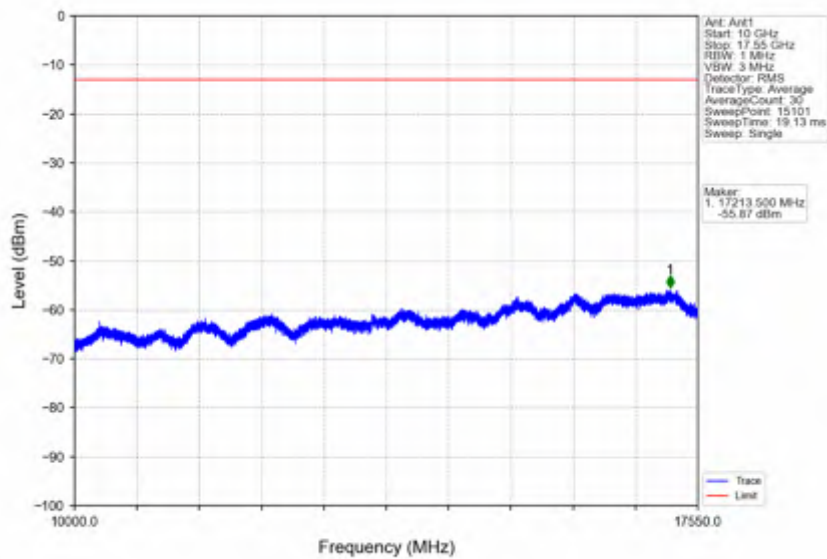


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-29.77	-13	Pass
1709	1710	0.2	/	2	1709.200	-34.11	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

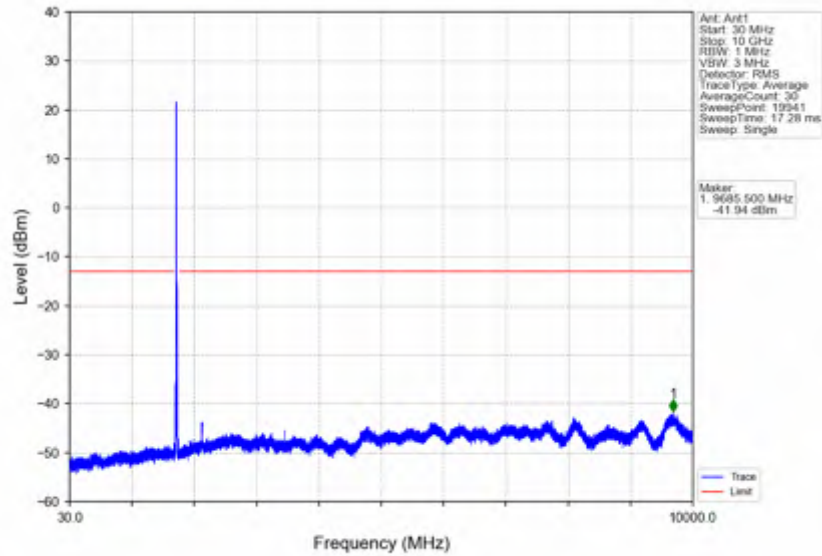
Band4_20MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



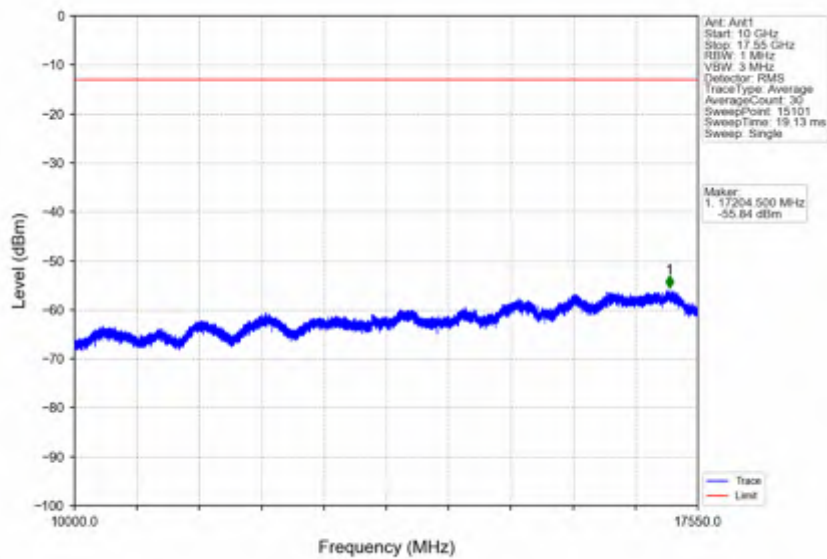
Band4_20MHz_64QAM_MCH_1732.5MHz_RB_1_0_NTNV



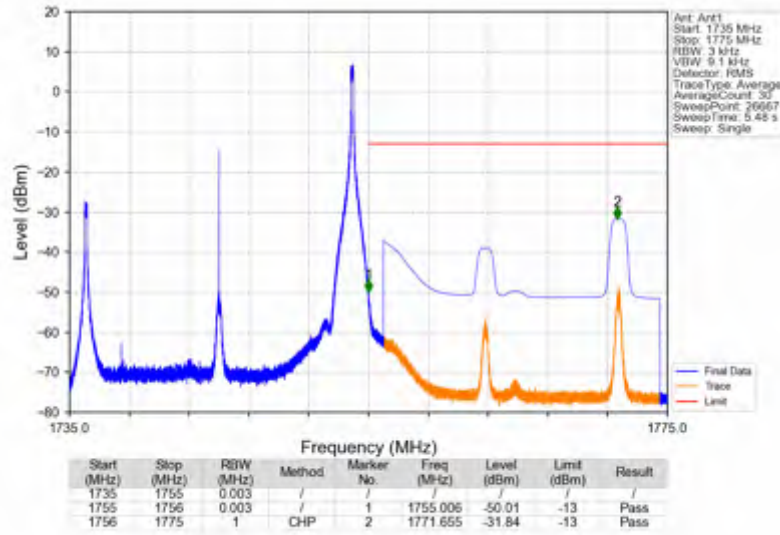
Band4_20MHz_64QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_1_99_NTNV



Band4_20MHz_64QAM_HCH_1745MHz_RB_100_0_NTNV

