

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B12_1.4MHz_ERP

Band: 12 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	699.7	1	0	23.96	-6.90	14.91	<=34.77	Pass
			2	23.92	-6.90	14.87	<=34.77	Pass
			5	23.89	-6.90	14.84	<=34.77	Pass
		3	0	23.88	-6.90	14.83	<=34.77	Pass
			2	23.92	-6.90	14.87	<=34.77	Pass
			3	23.90	-6.90	14.85	<=34.77	Pass
		6	0	22.91	-6.90	13.86	<=34.77	Pass
	707.5	1	0	23.96	-6.90	14.91	<=34.77	Pass
			2	23.89	-6.90	14.84	<=34.77	Pass
			5	23.93	-6.90	14.88	<=34.77	Pass
		3	0	23.89	-6.90	14.84	<=34.77	Pass
			2	23.87	-6.90	14.82	<=34.77	Pass
			3	23.89	-6.90	14.84	<=34.77	Pass
		6	0	22.94	-6.90	13.89	<=34.77	Pass
	715.3	1	0	23.89	-6.90	14.84	<=34.77	Pass
			2	23.94	-6.90	14.89	<=34.77	Pass
			5	23.94	-6.90	14.89	<=34.77	Pass
		3	0	23.90	-6.90	14.85	<=34.77	Pass
			2	23.94	-6.90	14.89	<=34.77	Pass
			3	23.94	-6.90	14.89	<=34.77	Pass
		6	0	22.92	-6.90	13.87	<=34.77	Pass
16QAM	699.7	1	0	23.09	-6.90	14.04	<=34.77	Pass
			2	23.22	-6.90	14.17	<=34.77	Pass
			5	23.14	-6.90	14.09	<=34.77	Pass
		3	0	22.89	-6.90	13.84	<=34.77	Pass
			2	22.77	-6.90	13.72	<=34.77	Pass
			3	22.88	-6.90	13.83	<=34.77	Pass
		6	0	21.99	-6.90	12.94	<=34.77	Pass
	707.5	1	0	23.20	-6.90	14.15	<=34.77	Pass
			2	23.34	-6.90	14.29	<=34.77	Pass
			5	23.21	-6.90	14.16	<=34.77	Pass
		3	0	22.92	-6.90	13.87	<=34.77	Pass
			2	22.86	-6.90	13.81	<=34.77	Pass
			3	22.85	-6.90	13.80	<=34.77	Pass
		6	0	21.98	-6.90	12.93	<=34.77	Pass
	715.3	1	0	23.12	-6.90	14.07	<=34.77	Pass
			2	23.17	-6.90	14.12	<=34.77	Pass
			5	23.06	-6.90	14.01	<=34.77	Pass
		3	0	22.92	-6.90	13.87	<=34.77	Pass
			2	22.92	-6.90	13.87	<=34.77	Pass
			3	22.88	-6.90	13.83	<=34.77	Pass
		6	0	21.98	-6.90	12.93	<=34.77	Pass
64QAM	699.7	1	0	22.11	-6.90	13.06	<=34.77	Pass
			2	22.12	-6.90	13.07	<=34.77	Pass
			5	22.05	-6.90	13.00	<=34.77	Pass
		3	0	22.01	-6.90	12.96	<=34.77	Pass
			2	22.03	-6.90	12.98	<=34.77	Pass
			3	22.06	-6.90	13.01	<=34.77	Pass
		6	0	20.90	-6.90	11.85	<=34.77	Pass

	707.5	1	0	22.18	-6.90	13.13	<=34.77	Pass
			2	22.10	-6.90	13.05	<=34.77	Pass
			5	21.97	-6.90	12.92	<=34.77	Pass
		3	0	22.07	-6.90	13.02	<=34.77	Pass
			2	21.99	-6.90	12.94	<=34.77	Pass
			3	21.94	-6.90	12.89	<=34.77	Pass
		6	0	20.90	-6.90	11.85	<=34.77	Pass
	715.3	1	0	22.04	-6.90	12.99	<=34.77	Pass
			2	22.04	-6.90	12.99	<=34.77	Pass
			5	22.09	-6.90	13.04	<=34.77	Pass
		3	0	22.04	-6.90	12.99	<=34.77	Pass
			2	21.93	-6.90	12.88	<=34.77	Pass
			3	21.99	-6.90	12.94	<=34.77	Pass
		6	0	20.83	-6.90	11.78	<=34.77	Pass
256QAM	699.7	1	0	19.07	-6.90	10.02	<=34.77	Pass
			2	19.03	-6.90	9.98	<=34.77	Pass
			5	18.98	-6.90	9.93	<=34.77	Pass
		3	0	19.04	-6.90	9.99	<=34.77	Pass
			2	19.02	-6.90	9.97	<=34.77	Pass
			3	18.97	-6.90	9.92	<=34.77	Pass
		6	0	18.89	-6.90	9.84	<=34.77	Pass
	707.5	1	0	19.10	-6.90	10.05	<=34.77	Pass
			2	19.11	-6.90	10.06	<=34.77	Pass
			5	19.06	-6.90	10.01	<=34.77	Pass
		3	0	19.07	-6.90	10.02	<=34.77	Pass
			2	19.09	-6.90	10.04	<=34.77	Pass
			3	19.08	-6.90	10.03	<=34.77	Pass
		6	0	18.95	-6.90	9.90	<=34.77	Pass
	715.3	1	0	19.12	-6.90	10.07	<=34.77	Pass
			2	19.08	-6.90	10.03	<=34.77	Pass
			5	19.05	-6.90	10.00	<=34.77	Pass
		3	0	19.09	-6.90	10.04	<=34.77	Pass
			2	19.06	-6.90	10.01	<=34.77	Pass
			3	19.04	-6.90	9.99	<=34.77	Pass
		6	0	18.92	-6.90	9.87	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.2 B12_3MHz_ERP

Band: 12 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	700.5	1	0	23.93	-6.90	14.88	<=34.77	Pass
			7	23.91	-6.90	14.86	<=34.77	Pass
			14	23.97	-6.90	14.92	<=34.77	Pass
		8	0	22.97	-6.90	13.92	<=34.77	Pass
			4	22.95	-6.90	13.90	<=34.77	Pass
			7	22.93	-6.90	13.88	<=34.77	Pass
		15	0	22.91	-6.90	13.86	<=34.77	Pass
	707.5	1	0	23.95	-6.90	14.90	<=34.77	Pass
			7	23.93	-6.90	14.88	<=34.77	Pass
			14	23.89	-6.90	14.84	<=34.77	Pass
		8	0	22.94	-6.90	13.89	<=34.77	Pass
			4	22.96	-6.90	13.91	<=34.77	Pass
			7	22.90	-6.90	13.85	<=34.77	Pass
		15	0	22.93	-6.90	13.88	<=34.77	Pass
	714.5	1	0	23.98	-6.90	14.93	<=34.77	Pass

		8	7	23.93	-6.90	14.88	<=34.77	Pass
			14	23.93	-6.90	14.88	<=34.77	Pass
			0	22.97	-6.90	13.92	<=34.77	Pass
			4	22.95	-6.90	13.90	<=34.77	Pass
			7	22.92	-6.90	13.87	<=34.77	Pass
16QAM	700.5	1	0	22.97	-6.90	13.92	<=34.77	Pass
			0	23.20	-6.90	14.15	<=34.77	Pass
			7	23.29	-6.90	14.24	<=34.77	Pass
		8	14	23.15	-6.90	14.10	<=34.77	Pass
			0	21.98	-6.90	12.93	<=34.77	Pass
			4	21.98	-6.90	12.93	<=34.77	Pass
			7	21.98	-6.90	12.93	<=34.77	Pass
		15	0	21.92	-6.90	12.87	<=34.77	Pass
			0	23.14	-6.90	14.09	<=34.77	Pass
	707.5	1	7	23.23	-6.90	14.18	<=34.77	Pass
			14	23.20	-6.90	14.15	<=34.77	Pass
			0	21.97	-6.90	12.92	<=34.77	Pass
		8	4	21.98	-6.90	12.93	<=34.77	Pass
			7	22.03	-6.90	12.98	<=34.77	Pass
			0	21.90	-6.90	12.85	<=34.77	Pass
		714.5	0	23.34	-6.90	14.29	<=34.77	Pass
			7	23.33	-6.90	14.28	<=34.77	Pass
			14	23.18	-6.90	14.13	<=34.77	Pass
64QAM	700.5	1	0	22.05	-6.90	13.00	<=34.77	Pass
			4	21.99	-6.90	12.94	<=34.77	Pass
			7	21.96	-6.90	12.91	<=34.77	Pass
		8	0	21.93	-6.90	12.88	<=34.77	Pass
			0	22.13	-6.90	13.08	<=34.77	Pass
			7	22.12	-6.90	13.07	<=34.77	Pass
		15	14	22.06	-6.90	13.01	<=34.77	Pass
			0	21.04	-6.90	11.99	<=34.77	Pass
			4	20.98	-6.90	11.93	<=34.77	Pass
	707.5	1	7	20.98	-6.90	11.93	<=34.77	Pass
			0	20.94	-6.90	11.89	<=34.77	Pass
			0	22.17	-6.90	13.12	<=34.77	Pass
		8	7	22.18	-6.90	13.13	<=34.77	Pass
			14	22.06	-6.90	13.01	<=34.77	Pass
			0	20.96	-6.90	11.91	<=34.77	Pass
		15	4	20.96	-6.90	11.91	<=34.77	Pass
			7	20.96	-6.90	11.91	<=34.77	Pass
			0	20.92	-6.90	11.87	<=34.77	Pass
	714.5	1	0	22.10	-6.90	13.05	<=34.77	Pass
			7	22.15	-6.90	13.10	<=34.77	Pass
			14	22.06	-6.90	13.01	<=34.77	Pass
256QAM	700.5	1	0	21.01	-6.90	11.96	<=34.77	Pass
			4	20.99	-6.90	11.94	<=34.77	Pass
			7	20.90	-6.90	11.85	<=34.77	Pass
		8	0	20.91	-6.90	11.86	<=34.77	Pass
			0	19.03	-6.90	9.98	<=34.77	Pass
			7	18.98	-6.90	9.93	<=34.77	Pass
		15	14	19.05	-6.90	10.00	<=34.77	Pass
			0	18.98	-6.90	9.93	<=34.77	Pass
			4	18.96	-6.90	9.91	<=34.77	Pass
	707.5	1	7	19.01	-6.90	9.96	<=34.77	Pass
			0	18.94	-6.90	9.89	<=34.77	Pass
			0	19.08	-6.90	10.03	<=34.77	Pass
		8	7	19.06	-6.90	10.01	<=34.77	Pass
			14	19.04	-6.90	9.99	<=34.77	Pass
			0	19.03	-6.90	9.98	<=34.77	Pass

			4	19.02	-6.90	9.97	<=34.77	Pass
			7	19.04	-6.90	9.99	<=34.77	Pass
		15	0	19.01	-6.90	9.96	<=34.77	Pass
	714.5	1	0	19.10	-6.90	10.05	<=34.77	Pass
			7	19.12	-6.90	10.07	<=34.77	Pass
			14	18.96	-6.90	9.91	<=34.77	Pass
		8	0	19.09	-6.90	10.04	<=34.77	Pass
			4	19.03	-6.90	9.98	<=34.77	Pass
			7	19.00	-6.90	9.95	<=34.77	Pass
		15	0	19.00	-6.90	9.95	<=34.77	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B12_5MHz_ERP

Band: 12 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	701.5	1	0	23.98	-6.90	14.93	<=34.77	Pass
			13	24.02	-6.90	14.97	<=34.77	Pass
			24	23.96	-6.90	14.91	<=34.77	Pass
		12	0	23.03	-6.90	13.98	<=34.77	Pass
			6	23.03	-6.90	13.98	<=34.77	Pass
			13	22.99	-6.90	13.94	<=34.77	Pass
		25	0	23.00	-6.90	13.95	<=34.77	Pass
	707.5	1	0	23.90	-6.90	14.85	<=34.77	Pass
			13	24.00	-6.90	14.95	<=34.77	Pass
			24	23.95	-6.90	14.90	<=34.77	Pass
		12	0	22.99	-6.90	13.94	<=34.77	Pass
			6	22.98	-6.90	13.93	<=34.77	Pass
			13	22.99	-6.90	13.94	<=34.77	Pass
		25	0	23.01	-6.90	13.96	<=34.77	Pass
	713.5	1	0	24.06	-6.90	15.01	<=34.77	Pass
			13	24.03	-6.90	14.98	<=34.77	Pass
			24	23.92	-6.90	14.87	<=34.77	Pass
		12	0	23.03	-6.90	13.98	<=34.77	Pass
			6	23.01	-6.90	13.96	<=34.77	Pass
			13	22.97	-6.90	13.92	<=34.77	Pass
		25	0	23.04	-6.90	13.99	<=34.77	Pass
16QAM	701.5	1	0	23.25	-6.90	14.20	<=34.77	Pass
			13	23.24	-6.90	14.19	<=34.77	Pass
			24	23.17	-6.90	14.12	<=34.77	Pass
		12	0	22.05	-6.90	13.00	<=34.77	Pass
			6	22.04	-6.90	12.99	<=34.77	Pass
			13	22.06	-6.90	13.01	<=34.77	Pass
		25	0	21.95	-6.90	12.90	<=34.77	Pass
	707.5	1	0	23.19	-6.90	14.14	<=34.77	Pass
			13	23.21	-6.90	14.16	<=34.77	Pass
			24	23.18	-6.90	14.13	<=34.77	Pass
		12	0	21.99	-6.90	12.94	<=34.77	Pass
			6	22.02	-6.90	12.97	<=34.77	Pass
			13	21.98	-6.90	12.93	<=34.77	Pass
		25	0	22.00	-6.90	12.95	<=34.77	Pass
	713.5	1	0	23.22	-6.90	14.17	<=34.77	Pass
			13	23.34	-6.90	14.29	<=34.77	Pass
			24	23.23	-6.90	14.18	<=34.77	Pass
		12	0	22.03	-6.90	12.98	<=34.77	Pass
			6	22.02	-6.90	12.97	<=34.77	Pass

			13	21.98	-6.90	12.93	<=34.77	Pass	
		25	0	22.05	-6.90	13.00	<=34.77	Pass	
64QAM	701.5	1	0	22.14	-6.90	13.09	<=34.77	Pass	
			13	22.08	-6.90	13.03	<=34.77	Pass	
			24	22.06	-6.90	13.01	<=34.77	Pass	
			0	21.06	-6.90	12.01	<=34.77	Pass	
		12	6	21.04	-6.90	11.99	<=34.77	Pass	
			13	21.01	-6.90	11.96	<=34.77	Pass	
			25	0	20.95	-6.90	11.90	<=34.77	Pass
		707.5	1	0	22.14	-6.90	13.09	<=34.77	Pass
				13	22.17	-6.90	13.12	<=34.77	Pass
				24	22.19	-6.90	13.14	<=34.77	Pass
	0			21.01	-6.90	11.96	<=34.77	Pass	
	12		6	20.99	-6.90	11.94	<=34.77	Pass	
			13	21.02	-6.90	11.97	<=34.77	Pass	
			25	0	20.99	-6.90	11.94	<=34.77	Pass
	713.5		1	0	22.15	-6.90	13.10	<=34.77	Pass
		13		22.19	-6.90	13.14	<=34.77	Pass	
		24		22.11	-6.90	13.06	<=34.77	Pass	
		0		21.03	-6.90	11.98	<=34.77	Pass	
		12	6	21.06	-6.90	12.01	<=34.77	Pass	
			13	21.00	-6.90	11.95	<=34.77	Pass	
			25	0	21.02	-6.90	11.97	<=34.77	Pass
		256QAM	701.5	1	0	19.13	-6.90	10.08	<=34.77
	13				19.04	-6.90	9.99	<=34.77	Pass
24	18.96				-6.90	9.91	<=34.77	Pass	
12	0			19.00	-6.90	9.95	<=34.77	Pass	
	6			18.99	-6.90	9.94	<=34.77	Pass	
	13			18.99	-6.90	9.94	<=34.77	Pass	
25	0			19.00	-6.90	9.95	<=34.77	Pass	
707.5	1		0	19.07	-6.90	10.02	<=34.77	Pass	
			13	19.17	-6.90	10.12	<=34.77	Pass	
			24	19.07	-6.90	10.02	<=34.77	Pass	
	12		0	19.00	-6.90	9.95	<=34.77	Pass	
			6	19.00	-6.90	9.95	<=34.77	Pass	
			13	19.03	-6.90	9.98	<=34.77	Pass	
25	0		19.04	-6.90	9.99	<=34.77	Pass		
713.5	1		0	19.09	-6.90	10.04	<=34.77	Pass	
			13	19.16	-6.90	10.11	<=34.77	Pass	
			24	19.07	-6.90	10.02	<=34.77	Pass	
	12		0	18.98	-6.90	9.93	<=34.77	Pass	
			6	19.07	-6.90	10.02	<=34.77	Pass	
			13	19.02	-6.90	9.97	<=34.77	Pass	
	25		0	19.05	-6.90	10.00	<=34.77	Pass	
Note1: ERP=Conducted Power+Antenna Gain-2.15									

1.1.4 B12_10MHz_ERP

Band: 12 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	704	1	0	24.04	-6.90	14.99	<=34.77	Pass
			25	23.94	-6.90	14.89	<=34.77	Pass
			49	24.03	-6.90	14.98	<=34.77	Pass
		25	0	23.04	-6.90	13.99	<=34.77	Pass
			13	22.99	-6.90	13.94	<=34.77	Pass
			25	23.02	-6.90	13.97	<=34.77	Pass

		50	0	22.99	-6.90	13.94	<=34.77	Pass	
	707.5	1	0	24.01	-6.90	14.96	<=34.77	Pass	
			25	23.96	-6.90	14.91	<=34.77	Pass	
			49	24.09	-6.90	15.04	<=34.77	Pass	
			0	22.96	-6.90	13.91	<=34.77	Pass	
		25	13	23.00	-6.90	13.95	<=34.77	Pass	
			25	23.05	-6.90	14.00	<=34.77	Pass	
	711	50	0	22.99	-6.90	13.94	<=34.77	Pass	
		1	0	24.15	-6.90	15.10	<=34.77	Pass	
			25	23.94	-6.90	14.89	<=34.77	Pass	
			49	23.98	-6.90	14.93	<=34.77	Pass	
		25	0	22.99	-6.90	13.94	<=34.77	Pass	
			13	22.99	-6.90	13.94	<=34.77	Pass	
			25	23.04	-6.90	13.99	<=34.77	Pass	
		50	0	23.01	-6.90	13.96	<=34.77	Pass	
	16QAM	704	1	0	23.24	-6.90	14.19	<=34.77	Pass
25				23.18	-6.90	14.13	<=34.77	Pass	
49				23.26	-6.90	14.21	<=34.77	Pass	
25			0	22.02	-6.90	12.97	<=34.77	Pass	
			13	21.99	-6.90	12.94	<=34.77	Pass	
			25	22.01	-6.90	12.96	<=34.77	Pass	
50		0	22.02	-6.90	12.97	<=34.77	Pass		
707.5		1	0	23.22	-6.90	14.17	<=34.77	Pass	
			25	23.30	-6.90	14.25	<=34.77	Pass	
			49	23.36	-6.90	14.31	<=34.77	Pass	
		25	0	21.96	-6.90	12.91	<=34.77	Pass	
			13	21.94	-6.90	12.89	<=34.77	Pass	
			25	22.00	-6.90	12.95	<=34.77	Pass	
50		0	21.97	-6.90	12.92	<=34.77	Pass		
711		1	0	23.32	-6.90	14.27	<=34.77	Pass	
			25	23.14	-6.90	14.09	<=34.77	Pass	
			49	23.21	-6.90	14.16	<=34.77	Pass	
		25	0	21.97	-6.90	12.92	<=34.77	Pass	
			13	21.98	-6.90	12.93	<=34.77	Pass	
			25	22.04	-6.90	12.99	<=34.77	Pass	
		50	0	22.01	-6.90	12.96	<=34.77	Pass	
		64QAM	704	1	0	22.25	-6.90	13.20	<=34.77
25					22.18	-6.90	13.13	<=34.77	Pass
49					22.23	-6.90	13.18	<=34.77	Pass
25	0			21.00	-6.90	11.95	<=34.77	Pass	
	13			20.95	-6.90	11.90	<=34.77	Pass	
	25			21.02	-6.90	11.97	<=34.77	Pass	
50	0		21.02	-6.90	11.97	<=34.77	Pass		
707.5	1		0	22.26	-6.90	13.21	<=34.77	Pass	
			25	22.14	-6.90	13.09	<=34.77	Pass	
			49	22.14	-6.90	13.09	<=34.77	Pass	
	25		0	20.97	-6.90	11.92	<=34.77	Pass	
			13	20.94	-6.90	11.89	<=34.77	Pass	
			25	20.98	-6.90	11.93	<=34.77	Pass	
50	0		20.96	-6.90	11.91	<=34.77	Pass		
711	1		0	22.24	-6.90	13.19	<=34.77	Pass	
			25	22.06	-6.90	13.01	<=34.77	Pass	
			49	22.21	-6.90	13.16	<=34.77	Pass	
	25		0	20.98	-6.90	11.93	<=34.77	Pass	
			13	21.00	-6.90	11.95	<=34.77	Pass	
			25	21.03	-6.90	11.98	<=34.77	Pass	
50	0	21.00	-6.90	11.95	<=34.77	Pass			
256QAM	704	1	0	19.08	-6.90	10.03	<=34.77	Pass	
25	19.06		-6.90	10.01	<=34.77	Pass			

[illegible]

2. Frequency Stability

2.1 Test Result

2.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	699.7	6	0	20	3.4	-3.900	-0.0056	-2.5 to 2.5	Pass
					3.92	-3.000	-0.0043	-2.5 to 2.5	Pass
					4.5	-2.800	-0.0040	-2.5 to 2.5	Pass
				-30	3.92	-1.800	-0.0026	-2.5 to 2.5	Pass
				-20	3.92	-3.200	-0.0046	-2.5 to 2.5	Pass
				-10	3.92	-6.400	-0.0091	-2.5 to 2.5	Pass
				0	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				10	3.92	-3.100	-0.0044	-2.5 to 2.5	Pass
				30	3.92	-2.700	-0.0039	-2.5 to 2.5	Pass
				40	3.92	-2.500	-0.0036	-2.5 to 2.5	Pass
				50	3.92	-2.500	-0.0036	-2.5 to 2.5	Pass
	707.5	6	0	20	3.4	-0.700	-0.0010	-2.5 to 2.5	Pass
					3.92	-1.400	-0.0020	-2.5 to 2.5	Pass
					4.5	-1.700	-0.0024	-2.5 to 2.5	Pass
				-30	3.92	-2.400	-0.0034	-2.5 to 2.5	Pass
				-20	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.92	0.200	0.0003	-2.5 to 2.5	Pass
				10	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.92	0.400	0.0006	-2.5 to 2.5	Pass
				40	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
				50	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
	715.3	6	0	20	3.4	-3.600	-0.0050	-2.5 to 2.5	Pass
					3.92	-3.500	-0.0049	-2.5 to 2.5	Pass
					4.5	-2.600	-0.0036	-2.5 to 2.5	Pass
				-30	3.92	-2.500	-0.0035	-2.5 to 2.5	Pass
				-20	3.92	-2.100	-0.0029	-2.5 to 2.5	Pass
				-10	3.92	-1.600	-0.0022	-2.5 to 2.5	Pass
				0	3.92	-1.100	-0.0015	-2.5 to 2.5	Pass
				10	3.92	-1.600	-0.0022	-2.5 to 2.5	Pass
				30	3.92	-2.100	-0.0029	-2.5 to 2.5	Pass
				40	3.92	-1.300	-0.0018	-2.5 to 2.5	Pass
16QAM	699.7	6	0	20	3.4	-3.200	-0.0046	-2.5 to 2.5	Pass
					3.92	-3.200	-0.0046	-2.5 to 2.5	Pass
					4.5	-2.800	-0.0040	-2.5 to 2.5	Pass
				-30	3.92	3.700	0.0053	-2.5 to 2.5	Pass
				-20	3.92	0.800	0.0011	-2.5 to 2.5	Pass
				-10	3.92	1.200	0.0017	-2.5 to 2.5	Pass
				0	3.92	-2.700	-0.0039	-2.5 to 2.5	Pass
				10	3.92	-1.800	-0.0026	-2.5 to 2.5	Pass
				30	3.92	-2.500	-0.0036	-2.5 to 2.5	Pass
				40	3.92	-1.500	-0.0021	-2.5 to 2.5	Pass
				50	3.92	-2.300	-0.0033	-2.5 to 2.5	Pass
	707.5	6	0	20	3.4	-5.100	-0.0072	-2.5 to 2.5	Pass
					3.92	-4.400	-0.0062	-2.5 to 2.5	Pass
					4.5	-3.400	-0.0048	-2.5 to 2.5	Pass

				-30	3.92	-3.000	-0.0042	-2.5 to 2.5	Pass
				-20	3.92	-4.300	-0.0061	-2.5 to 2.5	Pass
				-10	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
				0	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
				10	3.92	-0.700	-0.0010	-2.5 to 2.5	Pass
				30	3.92	-2.800	-0.0040	-2.5 to 2.5	Pass
				40	3.92	-4.600	-0.0065	-2.5 to 2.5	Pass
				50	3.92	1.300	0.0018	-2.5 to 2.5	Pass
	715.3	6	0	20	3.4	-0.300	-0.0004	-2.5 to 2.5	Pass
					3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
					4.5	-1.500	-0.0021	-2.5 to 2.5	Pass
				-30	3.92	-2.400	-0.0034	-2.5 to 2.5	Pass
				-20	3.92	-1.100	-0.0015	-2.5 to 2.5	Pass
				-10	3.92	-1.100	-0.0015	-2.5 to 2.5	Pass
				0	3.92	0.400	0.0006	-2.5 to 2.5	Pass
				10	3.92	-1.200	-0.0017	-2.5 to 2.5	Pass
				30	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				40	3.92	-1.800	-0.0025	-2.5 to 2.5	Pass
				50	3.92	-1.900	-0.0027	-2.5 to 2.5	Pass
64QAM	699.7	6	0	20	3.4	-2.600	-0.0037	-2.5 to 2.5	Pass
					3.92	-1.500	-0.0021	-2.5 to 2.5	Pass
					4.5	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-6.100	-0.0087	-2.5 to 2.5	Pass
				-20	3.92	-5.300	-0.0076	-2.5 to 2.5	Pass
				-10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.92	-2.000	-0.0029	-2.5 to 2.5	Pass
				10	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				30	3.92	-1.300	-0.0019	-2.5 to 2.5	Pass
				40	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				50	3.92	-3.200	-0.0046	-2.5 to 2.5	Pass
	707.5	6	0	20	3.4	-0.400	-0.0006	-2.5 to 2.5	Pass
					3.92	-0.200	-0.0003	-2.5 to 2.5	Pass
					4.5	-1.500	-0.0021	-2.5 to 2.5	Pass
				-30	3.92	-1.300	-0.0018	-2.5 to 2.5	Pass
				-20	3.92	-1.500	-0.0021	-2.5 to 2.5	Pass
				-10	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				0	3.92	-2.100	-0.0030	-2.5 to 2.5	Pass
				10	3.92	-2.100	-0.0030	-2.5 to 2.5	Pass
				30	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
				40	3.92	1.500	0.0021	-2.5 to 2.5	Pass
				50	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
	715.3	6	0	20	3.4	-0.900	-0.0013	-2.5 to 2.5	Pass
					3.92	0.900	0.0013	-2.5 to 2.5	Pass
					4.5	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.92	1.000	0.0014	-2.5 to 2.5	Pass
				-20	3.92	1.300	0.0018	-2.5 to 2.5	Pass
				-10	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.92	-2.300	-0.0032	-2.5 to 2.5	Pass
				10	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				30	3.92	-3.300	-0.0046	-2.5 to 2.5	Pass
				40	3.92	-1.700	-0.0024	-2.5 to 2.5	Pass
				50	3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
256QAM	699.7	6	0	20	3.4	1.800	0.0026	-2.5 to 2.5	Pass
					3.92	1.100	0.0016	-2.5 to 2.5	Pass
					4.5	2.200	0.0031	-2.5 to 2.5	Pass
				-30	3.92	2.700	0.0039	-2.5 to 2.5	Pass
				-20	3.92	-2.700	-0.0039	-2.5 to 2.5	Pass
				-10	3.92	-5.500	-0.0079	-2.5 to 2.5	Pass
				0	3.92	0.800	0.0011	-2.5 to 2.5	Pass

				10	3.92	1.100	0.0016	-2.5 to 2.5	Pass
				30	3.92	-0.700	-0.0010	-2.5 to 2.5	Pass
				40	3.92	0.900	0.0013	-2.5 to 2.5	Pass
				50	3.92	0.200	0.0003	-2.5 to 2.5	Pass
	707.5	6	0	20	3.4	-2.200	-0.0031	-2.5 to 2.5	Pass
					3.92	0.800	0.0011	-2.5 to 2.5	Pass
					4.5	-0.200	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-0.200	-0.0003	-2.5 to 2.5	Pass
				-20	3.92	-1.100	-0.0016	-2.5 to 2.5	Pass
				-10	3.92	-1.700	-0.0024	-2.5 to 2.5	Pass
				0	3.92	-0.500	-0.0007	-2.5 to 2.5	Pass
				10	3.92	-1.900	-0.0027	-2.5 to 2.5	Pass
				30	3.92	0.900	0.0013	-2.5 to 2.5	Pass
				40	3.92	-4.500	-0.0064	-2.5 to 2.5	Pass
				50	3.92	-2.800	-0.0040	-2.5 to 2.5	Pass
	715.3	6	0	20	3.4	-0.400	-0.0006	-2.5 to 2.5	Pass
					3.92	0.000	0.0000	-2.5 to 2.5	Pass
					4.5	-1.000	-0.0014	-2.5 to 2.5	Pass
				-30	3.92	-1.200	-0.0017	-2.5 to 2.5	Pass
				-20	3.92	0.200	0.0003	-2.5 to 2.5	Pass
				-10	3.92	0.400	0.0006	-2.5 to 2.5	Pass
				0	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				10	3.92	0.700	0.0010	-2.5 to 2.5	Pass
				30	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				40	3.92	0.900	0.0013	-2.5 to 2.5	Pass
				50	3.92	1.600	0.0022	-2.5 to 2.5	Pass

2.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	700.5	15	0	20	3.4	-1.000	-0.0014	-2.5 to 2.5	Pass
					3.92	-1.800	-0.0026	-2.5 to 2.5	Pass
					4.5	-1.900	-0.0027	-2.5 to 2.5	Pass
				-30	3.92	-1.900	-0.0027	-2.5 to 2.5	Pass
				-20	3.92	-2.100	-0.0030	-2.5 to 2.5	Pass
				-10	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				0	3.92	-2.400	-0.0034	-2.5 to 2.5	Pass
				10	3.92	-2.600	-0.0037	-2.5 to 2.5	Pass
				30	3.92	-1.100	-0.0016	-2.5 to 2.5	Pass
				40	3.92	-0.800	-0.0011	-2.5 to 2.5	Pass
				50	3.92	-3.700	-0.0053	-2.5 to 2.5	Pass
	707.5	15	0	20	3.4	-3.400	-0.0048	-2.5 to 2.5	Pass
					3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
					4.5	-2.800	-0.0040	-2.5 to 2.5	Pass
				-30	3.92	-1.600	-0.0023	-2.5 to 2.5	Pass
				-20	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				0	3.92	-0.800	-0.0011	-2.5 to 2.5	Pass
				10	3.92	-1.200	-0.0017	-2.5 to 2.5	Pass
				30	3.92	0.800	0.0011	-2.5 to 2.5	Pass
				40	3.92	-0.700	-0.0010	-2.5 to 2.5	Pass
				50	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
	714.5	15	0	20	3.4	-3.600	-0.0050	-2.5 to 2.5	Pass
					3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
					4.5	-2.800	-0.0039	-2.5 to 2.5	Pass

				-30	3.92	-2.700	-0.0038	-2.5 to 2.5	Pass
				-20	3.92	-3.400	-0.0048	-2.5 to 2.5	Pass
				-10	3.92	-2.600	-0.0036	-2.5 to 2.5	Pass
				0	3.92	-3.100	-0.0043	-2.5 to 2.5	Pass
				10	3.92	-3.400	-0.0048	-2.5 to 2.5	Pass
				30	3.92	-1.100	-0.0015	-2.5 to 2.5	Pass
				40	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				50	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
16QAM	700.5	15	0	20	3.4	1.100	0.0016	-2.5 to 2.5	Pass
					3.92	0.000	0.0000	-2.5 to 2.5	Pass
					4.5	-1.000	-0.0014	-2.5 to 2.5	Pass
				-30	3.92	-0.500	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	1.000	0.0014	-2.5 to 2.5	Pass
				-10	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	3.92	-0.800	-0.0011	-2.5 to 2.5	Pass
				10	3.92	-3.800	-0.0054	-2.5 to 2.5	Pass
				30	3.92	-3.800	-0.0054	-2.5 to 2.5	Pass
				40	3.92	-5.200	-0.0074	-2.5 to 2.5	Pass
				50	3.92	-4.100	-0.0059	-2.5 to 2.5	Pass
	707.5	15	0	20	3.4	-2.600	-0.0037	-2.5 to 2.5	Pass
					3.92	-1.600	-0.0023	-2.5 to 2.5	Pass
					4.5	-2.000	-0.0028	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				-10	3.92	-2.700	-0.0038	-2.5 to 2.5	Pass
				0	3.92	-1.100	-0.0016	-2.5 to 2.5	Pass
				10	3.92	0.300	0.0004	-2.5 to 2.5	Pass
				30	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				40	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				50	3.92	-1.200	-0.0017	-2.5 to 2.5	Pass
	714.5	15	0	20	3.4	-1.700	-0.0024	-2.5 to 2.5	Pass
					3.92	-2.100	-0.0029	-2.5 to 2.5	Pass
					4.5	-2.700	-0.0038	-2.5 to 2.5	Pass
				-30	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				-20	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				-10	3.92	-2.700	-0.0038	-2.5 to 2.5	Pass
				0	3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
				10	3.92	-3.400	-0.0048	-2.5 to 2.5	Pass
				30	3.92	-2.600	-0.0036	-2.5 to 2.5	Pass
				40	3.92	-1.100	-0.0015	-2.5 to 2.5	Pass
				50	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
64QAM	700.5	15	0	20	3.4	-1.500	-0.0021	-2.5 to 2.5	Pass
					3.92	-1.200	-0.0017	-2.5 to 2.5	Pass
					4.5	-1.200	-0.0017	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-0.600	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	-6.300	-0.0090	-2.5 to 2.5	Pass
				0	3.92	-7.500	-0.0107	-2.5 to 2.5	Pass
				10	3.92	-4.700	-0.0067	-2.5 to 2.5	Pass
				30	3.92	-4.300	-0.0061	-2.5 to 2.5	Pass
				40	3.92	-3.300	-0.0047	-2.5 to 2.5	Pass
				50	3.92	-1.600	-0.0023	-2.5 to 2.5	Pass
	707.5	15	0	20	3.4	-1.800	-0.0025	-2.5 to 2.5	Pass
					3.92	0.000	0.0000	-2.5 to 2.5	Pass
					4.5	0.700	0.0010	-2.5 to 2.5	Pass
				-30	3.92	-1.700	-0.0024	-2.5 to 2.5	Pass
				-20	3.92	0.300	0.0004	-2.5 to 2.5	Pass
				-10	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.92	1.500	0.0021	-2.5 to 2.5	Pass

				10	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				30	3.92	0.600	0.0008	-2.5 to 2.5	Pass
				40	3.92	-2.700	-0.0038	-2.5 to 2.5	Pass
				50	3.92	-1.600	-0.0023	-2.5 to 2.5	Pass
	714.5	15	0	20	3.4	-2.000	-0.0028	-2.5 to 2.5	Pass
					3.92	0.100	0.0001	-2.5 to 2.5	Pass
					4.5	-2.300	-0.0032	-2.5 to 2.5	Pass
				-30	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				-20	3.92	-4.000	-0.0056	-2.5 to 2.5	Pass
				-10	3.92	-1.100	-0.0015	-2.5 to 2.5	Pass
				0	3.92	-1.300	-0.0018	-2.5 to 2.5	Pass
				10	3.92	-1.500	-0.0021	-2.5 to 2.5	Pass
				30	3.92	-2.100	-0.0029	-2.5 to 2.5	Pass
				40	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				50	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
256QAM	700.5	15	0	20	3.4	-12.200	-0.0174	-2.5 to 2.5	Pass
					3.92	-1.700	-0.0024	-2.5 to 2.5	Pass
					4.5	-1.900	-0.0027	-2.5 to 2.5	Pass
				-30	3.92	-3.700	-0.0053	-2.5 to 2.5	Pass
				-20	3.92	-3.000	-0.0043	-2.5 to 2.5	Pass
				-10	3.92	-1.600	-0.0023	-2.5 to 2.5	Pass
				0	3.92	-5.700	-0.0081	-2.5 to 2.5	Pass
				10	3.92	-1.800	-0.0026	-2.5 to 2.5	Pass
				30	3.92	-8.000	-0.0114	-2.5 to 2.5	Pass
				40	3.92	-4.200	-0.0060	-2.5 to 2.5	Pass
				50	3.92	-2.500	-0.0036	-2.5 to 2.5	Pass
	707.5	15	0	20	3.4	42.300	0.0598	-2.5 to 2.5	Pass
					3.92	38.100	0.0539	-2.5 to 2.5	Pass
					4.5	0.000	0.0000	-2.5 to 2.5	Pass
				-30	3.92	-0.700	-0.0010	-2.5 to 2.5	Pass
				-20	3.92	-2.600	-0.0037	-2.5 to 2.5	Pass
				-10	3.92	-1.100	-0.0016	-2.5 to 2.5	Pass
				0	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				10	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
				30	3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
				40	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
				50	3.92	-5.400	-0.0076	-2.5 to 2.5	Pass
	714.5	15	0	20	3.4	-0.300	-0.0004	-2.5 to 2.5	Pass
					3.92	-0.800	-0.0011	-2.5 to 2.5	Pass
					4.5	1.900	0.0027	-2.5 to 2.5	Pass
				-30	3.92	1.800	0.0025	-2.5 to 2.5	Pass
				-20	3.92	50.400	0.0705	-2.5 to 2.5	Pass
				-10	3.92	0.400	0.0006	-2.5 to 2.5	Pass
				0	3.92	0.400	0.0006	-2.5 to 2.5	Pass
				10	3.92	-4.800	-0.0067	-2.5 to 2.5	Pass
				30	3.92	-5.000	-0.0070	-2.5 to 2.5	Pass
				40	3.92	0.300	0.0004	-2.5 to 2.5	Pass
				50	3.92	-9.500	-0.0133	-2.5 to 2.5	Pass

2.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	701.5	25	0	20	3.4	0.200	0.0003	-2.5 to 2.5	Pass
					3.92	-2.600	-0.0037	-2.5 to 2.5	Pass
					4.5	-1.100	-0.0016	-2.5 to 2.5	Pass

				-30	3.92	-3.000	-0.0043	-2.5 to 2.5	Pass
				-20	3.92	-2.500	-0.0036	-2.5 to 2.5	Pass
				-10	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
				0	3.92	-2.400	-0.0034	-2.5 to 2.5	Pass
				10	3.92	-0.200	-0.0003	-2.5 to 2.5	Pass
				30	3.92	0.800	0.0011	-2.5 to 2.5	Pass
				40	3.92	-1.100	-0.0016	-2.5 to 2.5	Pass
				50	3.92	-0.200	-0.0003	-2.5 to 2.5	Pass
	707.5	25	0	20	3.4	-3.100	-0.0044	-2.5 to 2.5	Pass
					3.92	-2.500	-0.0035	-2.5 to 2.5	Pass
					4.5	-1.400	-0.0020	-2.5 to 2.5	Pass
				-30	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				-20	3.92	-3.200	-0.0045	-2.5 to 2.5	Pass
				-10	3.92	-1.500	-0.0021	-2.5 to 2.5	Pass
				0	3.92	-2.100	-0.0030	-2.5 to 2.5	Pass
				10	3.92	-2.900	-0.0041	-2.5 to 2.5	Pass
				30	3.92	-3.600	-0.0051	-2.5 to 2.5	Pass
				40	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
				50	3.92	-1.100	-0.0016	-2.5 to 2.5	Pass
	713.5	25	0	20	3.4	-0.700	-0.0010	-2.5 to 2.5	Pass
					3.92	2.900	0.0041	-2.5 to 2.5	Pass
					4.5	0.100	0.0001	-2.5 to 2.5	Pass
				-30	3.92	-1.700	-0.0024	-2.5 to 2.5	Pass
				-20	3.92	-1.900	-0.0027	-2.5 to 2.5	Pass
				-10	3.92	-2.600	-0.0036	-2.5 to 2.5	Pass
				0	3.92	-5.600	-0.0078	-2.5 to 2.5	Pass
				10	3.92	-2.500	-0.0035	-2.5 to 2.5	Pass
				30	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				40	3.92	0.300	0.0004	-2.5 to 2.5	Pass
				50	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
16QAM	701.5	25	0	20	3.4	-2.800	-0.0040	-2.5 to 2.5	Pass
					3.92	-3.200	-0.0046	-2.5 to 2.5	Pass
					4.5	-0.900	-0.0013	-2.5 to 2.5	Pass
				-30	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.92	-1.800	-0.0026	-2.5 to 2.5	Pass
				-10	3.92	-0.600	-0.0009	-2.5 to 2.5	Pass
				0	3.92	-3.200	-0.0046	-2.5 to 2.5	Pass
				10	3.92	-1.100	-0.0016	-2.5 to 2.5	Pass
				30	3.92	-0.700	-0.0010	-2.5 to 2.5	Pass
				40	3.92	-1.900	-0.0027	-2.5 to 2.5	Pass
				50	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
	707.5	25	0	20	3.4	-1.200	-0.0017	-2.5 to 2.5	Pass
					3.92	-1.500	-0.0021	-2.5 to 2.5	Pass
					4.5	-1.800	-0.0025	-2.5 to 2.5	Pass
				-30	3.92	-2.400	-0.0034	-2.5 to 2.5	Pass
				-20	3.92	-1.800	-0.0025	-2.5 to 2.5	Pass
				-10	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				0	3.92	-2.600	-0.0037	-2.5 to 2.5	Pass
				10	3.92	-2.800	-0.0040	-2.5 to 2.5	Pass
				30	3.92	-0.500	-0.0007	-2.5 to 2.5	Pass
				40	3.92	-3.900	-0.0055	-2.5 to 2.5	Pass
				50	3.92	-2.400	-0.0034	-2.5 to 2.5	Pass
	713.5	25	0	20	3.4	-3.500	-0.0049	-2.5 to 2.5	Pass
					3.92	-3.100	-0.0043	-2.5 to 2.5	Pass
					4.5	-2.700	-0.0038	-2.5 to 2.5	Pass
				-30	3.92	-1.700	-0.0024	-2.5 to 2.5	Pass
				-20	3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
				-10	3.92	-3.900	-0.0055	-2.5 to 2.5	Pass
				0	3.92	-0.700	-0.0010	-2.5 to 2.5	Pass

				10	3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
				30	3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
				40	3.92	-0.500	-0.0007	-2.5 to 2.5	Pass
				50	3.92	-1.300	-0.0018	-2.5 to 2.5	Pass
64QAM	701.5	25	0	20	3.4	-1.300	-0.0019	-2.5 to 2.5	Pass
					3.92	1.000	0.0014	-2.5 to 2.5	Pass
					4.5	-1.400	-0.0020	-2.5 to 2.5	Pass
				-30	3.92	0.600	0.0009	-2.5 to 2.5	Pass
				-20	3.92	-0.500	-0.0007	-2.5 to 2.5	Pass
				-10	3.92	-3.200	-0.0046	-2.5 to 2.5	Pass
				0	3.92	-2.900	-0.0041	-2.5 to 2.5	Pass
				10	3.92	-3.500	-0.0050	-2.5 to 2.5	Pass
				30	3.92	-3.700	-0.0053	-2.5 to 2.5	Pass
				40	3.92	-0.700	-0.0010	-2.5 to 2.5	Pass
				50	3.92	-2.300	-0.0033	-2.5 to 2.5	Pass
	707.5	25	0	20	3.4	-1.200	-0.0017	-2.5 to 2.5	Pass
					3.92	-1.600	-0.0023	-2.5 to 2.5	Pass
					4.5	-2.000	-0.0028	-2.5 to 2.5	Pass
				-30	3.92	-2.400	-0.0034	-2.5 to 2.5	Pass
				-20	3.92	-0.700	-0.0010	-2.5 to 2.5	Pass
				-10	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	3.92	-0.500	-0.0007	-2.5 to 2.5	Pass
				10	3.92	-0.500	-0.0007	-2.5 to 2.5	Pass
				30	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
				40	3.92	-5.400	-0.0076	-2.5 to 2.5	Pass
				50	3.92	-3.000	-0.0042	-2.5 to 2.5	Pass
	713.5	25	0	20	3.4	-2.500	-0.0035	-2.5 to 2.5	Pass
					3.92	-3.500	-0.0049	-2.5 to 2.5	Pass
					4.5	-4.500	-0.0063	-2.5 to 2.5	Pass
				-30	3.92	-4.500	-0.0063	-2.5 to 2.5	Pass
				-20	3.92	-4.200	-0.0059	-2.5 to 2.5	Pass
				-10	3.92	-3.900	-0.0055	-2.5 to 2.5	Pass
				0	3.92	-2.300	-0.0032	-2.5 to 2.5	Pass
				10	3.92	-1.500	-0.0021	-2.5 to 2.5	Pass
				30	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				40	3.92	0.600	0.0008	-2.5 to 2.5	Pass
				50	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
256QAM	701.5	25	0	20	3.4	-1.500	-0.0021	-2.5 to 2.5	Pass
					3.92	-2.300	-0.0033	-2.5 to 2.5	Pass
					4.5	-0.600	-0.0009	-2.5 to 2.5	Pass
				-30	3.92	-0.400	-0.0006	-2.5 to 2.5	Pass
				-20	3.92	-2.300	-0.0033	-2.5 to 2.5	Pass
				-10	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				0	3.92	-1.300	-0.0019	-2.5 to 2.5	Pass
				10	3.92	-3.400	-0.0048	-2.5 to 2.5	Pass
				30	3.92	-5.900	-0.0084	-2.5 to 2.5	Pass
				40	3.92	-1.400	-0.0020	-2.5 to 2.5	Pass
				50	3.92	-1.300	-0.0019	-2.5 to 2.5	Pass
	707.5	25	0	20	3.4	-1.100	-0.0016	-2.5 to 2.5	Pass
					3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
					4.5	-0.100	-0.0001	-2.5 to 2.5	Pass
				-30	3.92	-1.700	-0.0024	-2.5 to 2.5	Pass
				-20	3.92	-1.700	-0.0024	-2.5 to 2.5	Pass
				-10	3.92	-0.700	-0.0010	-2.5 to 2.5	Pass
				0	3.92	-3.400	-0.0048	-2.5 to 2.5	Pass
				10	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
				30	3.92	-2.300	-0.0033	-2.5 to 2.5	Pass
				40	3.92	-1.800	-0.0025	-2.5 to 2.5	Pass
				50	3.92	0.000	0.0000	-2.5 to 2.5	Pass

	713.5	25	0	20	3.4	-3.400	-0.0048	-2.5 to 2.5	Pass
					3.92	-2.800	-0.0039	-2.5 to 2.5	Pass
					4.5	-0.200	-0.0003	-2.5 to 2.5	Pass
				-30	3.92	-2.100	-0.0029	-2.5 to 2.5	Pass
				-20	3.92	-1.100	-0.0015	-2.5 to 2.5	Pass
				-10	3.92	-2.800	-0.0039	-2.5 to 2.5	Pass
				0	3.92	-3.900	-0.0055	-2.5 to 2.5	Pass
				10	3.92	-2.500	-0.0035	-2.5 to 2.5	Pass
				30	3.92	-1.900	-0.0027	-2.5 to 2.5	Pass
				40	3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
				50	3.92	-1.500	-0.0021	-2.5 to 2.5	Pass

2.1.4 B12_10MHz

Band: 12 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	704	50	0	20	3.4	-1.700	-0.0024	-2.5 to 2.5	Pass
					3.92	0.300	0.0004	-2.5 to 2.5	Pass
					4.5	-4.000	-0.0057	-2.5 to 2.5	Pass
				-30	3.92	1.100	0.0016	-2.5 to 2.5	Pass
				-20	3.92	-0.600	-0.0009	-2.5 to 2.5	Pass
				-10	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	3.92	-3.200	-0.0045	-2.5 to 2.5	Pass
				10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.92	-2.100	-0.0030	-2.5 to 2.5	Pass
				40	3.92	-4.600	-0.0065	-2.5 to 2.5	Pass
				50	3.92	-3.100	-0.0044	-2.5 to 2.5	Pass
	707.5	50	0	20	3.4	-4.300	-0.0061	-2.5 to 2.5	Pass
					3.92	-3.400	-0.0048	-2.5 to 2.5	Pass
					4.5	-2.900	-0.0041	-2.5 to 2.5	Pass
				-30	3.92	-3.100	-0.0044	-2.5 to 2.5	Pass
				-20	3.92	-3.200	-0.0045	-2.5 to 2.5	Pass
				-10	3.92	-3.100	-0.0044	-2.5 to 2.5	Pass
				0	3.92	-3.300	-0.0047	-2.5 to 2.5	Pass
				10	3.92	-2.300	-0.0033	-2.5 to 2.5	Pass
				30	3.92	-3.400	-0.0048	-2.5 to 2.5	Pass
				40	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				50	3.92	-3.000	-0.0042	-2.5 to 2.5	Pass
	711	50	0	20	3.4	-1.000	-0.0014	-2.5 to 2.5	Pass
					3.92	1.200	0.0017	-2.5 to 2.5	Pass
					4.5	-4.500	-0.0063	-2.5 to 2.5	Pass
				-30	3.92	-3.800	-0.0053	-2.5 to 2.5	Pass
				-20	3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
				-10	3.92	-5.100	-0.0072	-2.5 to 2.5	Pass
				0	3.92	-5.800	-0.0082	-2.5 to 2.5	Pass
				10	3.92	-0.400	-0.0006	-2.5 to 2.5	Pass
				30	3.92	-5.200	-0.0073	-2.5 to 2.5	Pass
				40	3.92	-5.500	-0.0077	-2.5 to 2.5	Pass
				50	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
16QAM	704	50	0	20	3.4	-0.400	-0.0006	-2.5 to 2.5	Pass
					3.92	-0.400	-0.0006	-2.5 to 2.5	Pass
					4.5	-5.400	-0.0077	-2.5 to 2.5	Pass
				-30	3.92	-1.300	-0.0018	-2.5 to 2.5	Pass
				-20	3.92	-1.400	-0.0020	-2.5 to 2.5	Pass
				-10	3.92	-1.100	-0.0016	-2.5 to 2.5	Pass
				0	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass

				10	3.92	-1.400	-0.0020	-2.5 to 2.5	Pass
				30	3.92	-3.000	-0.0043	-2.5 to 2.5	Pass
				40	3.92	-5.600	-0.0080	-2.5 to 2.5	Pass
				50	3.92	-5.800	-0.0082	-2.5 to 2.5	Pass
	707.5	50	0	20	3.4	-3.000	-0.0042	-2.5 to 2.5	Pass
					3.92	-3.800	-0.0054	-2.5 to 2.5	Pass
					4.5	-0.400	-0.0006	-2.5 to 2.5	Pass
				-30	3.92	-3.700	-0.0052	-2.5 to 2.5	Pass
				-20	3.92	1.300	0.0018	-2.5 to 2.5	Pass
				-10	3.92	-3.600	-0.0051	-2.5 to 2.5	Pass
				0	3.92	-4.100	-0.0058	-2.5 to 2.5	Pass
				10	3.92	1.600	0.0023	-2.5 to 2.5	Pass
				30	3.92	-2.400	-0.0034	-2.5 to 2.5	Pass
				40	3.92	-2.500	-0.0035	-2.5 to 2.5	Pass
				50	3.92	-0.100	-0.0001	-2.5 to 2.5	Pass
	711	50	0	20	3.4	-3.000	-0.0042	-2.5 to 2.5	Pass
					3.92	-3.300	-0.0046	-2.5 to 2.5	Pass
					4.5	-3.700	-0.0052	-2.5 to 2.5	Pass
				-30	3.92	-3.000	-0.0042	-2.5 to 2.5	Pass
				-20	3.92	-5.000	-0.0070	-2.5 to 2.5	Pass
				-10	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				0	3.92	-1.300	-0.0018	-2.5 to 2.5	Pass
				10	3.92	-0.500	-0.0007	-2.5 to 2.5	Pass
				30	3.92	-1.700	-0.0024	-2.5 to 2.5	Pass
				40	3.92	-2.900	-0.0041	-2.5 to 2.5	Pass
				50	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
64QAM	704	50	0	20	3.4	-1.600	-0.0023	-2.5 to 2.5	Pass
					3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
					4.5	0.400	0.0006	-2.5 to 2.5	Pass
				-30	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				-20	3.92	-3.800	-0.0054	-2.5 to 2.5	Pass
				-10	3.92	-0.900	-0.0013	-2.5 to 2.5	Pass
				0	3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
				10	3.92	-2.900	-0.0041	-2.5 to 2.5	Pass
				30	3.92	-2.100	-0.0030	-2.5 to 2.5	Pass
				40	3.92	-1.100	-0.0016	-2.5 to 2.5	Pass
				50	3.92	-3.400	-0.0048	-2.5 to 2.5	Pass
	707.5	50	0	20	3.4	-2.100	-0.0030	-2.5 to 2.5	Pass
					3.92	-1.900	-0.0027	-2.5 to 2.5	Pass
					4.5	-1.900	-0.0027	-2.5 to 2.5	Pass
				-30	3.92	-0.500	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	1.900	0.0027	-2.5 to 2.5	Pass
				-10	3.92	-1.500	-0.0021	-2.5 to 2.5	Pass
				0	3.92	-3.700	-0.0052	-2.5 to 2.5	Pass
				10	3.92	2.800	0.0040	-2.5 to 2.5	Pass
				30	3.92	-3.100	-0.0044	-2.5 to 2.5	Pass
				40	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				50	3.92	-0.600	-0.0008	-2.5 to 2.5	Pass
	711	50	0	20	3.4	-1.500	-0.0021	-2.5 to 2.5	Pass
					3.92	0.100	0.0001	-2.5 to 2.5	Pass
					4.5	-2.900	-0.0041	-2.5 to 2.5	Pass
				-30	3.92	-0.500	-0.0007	-2.5 to 2.5	Pass
				-20	3.92	-1.900	-0.0027	-2.5 to 2.5	Pass
				-10	3.92	0.300	0.0004	-2.5 to 2.5	Pass
				0	3.92	-0.700	-0.0010	-2.5 to 2.5	Pass
				10	3.92	-3.600	-0.0051	-2.5 to 2.5	Pass
				30	3.92	-1.500	-0.0021	-2.5 to 2.5	Pass
				40	3.92	-3.100	-0.0044	-2.5 to 2.5	Pass
				50	3.92	-1.400	-0.0020	-2.5 to 2.5	Pass

256QAM	704	50	0	20	3.4	-2.300	-0.0033	-2.5 to 2.5	Pass
					3.92	-3.300	-0.0047	-2.5 to 2.5	Pass
					4.5	-1.700	-0.0024	-2.5 to 2.5	Pass
				-30	3.92	-1.500	-0.0021	-2.5 to 2.5	Pass
				-20	3.92	-3.100	-0.0044	-2.5 to 2.5	Pass
				-10	3.92	-1.000	-0.0014	-2.5 to 2.5	Pass
				0	3.92	-1.200	-0.0017	-2.5 to 2.5	Pass
				10	3.92	-2.500	-0.0036	-2.5 to 2.5	Pass
				30	3.92	-6.100	-0.0087	-2.5 to 2.5	Pass
				40	3.92	-2.500	-0.0036	-2.5 to 2.5	Pass
				50	3.92	-3.500	-0.0050	-2.5 to 2.5	Pass
	707.5	50	0	20	3.4	1.400	0.0020	-2.5 to 2.5	Pass
					3.92	1.900	0.0027	-2.5 to 2.5	Pass
					4.5	-2.100	-0.0030	-2.5 to 2.5	Pass
				-30	3.92	-2.000	-0.0028	-2.5 to 2.5	Pass
				-20	3.92	-4.400	-0.0062	-2.5 to 2.5	Pass
				-10	3.92	0.200	0.0003	-2.5 to 2.5	Pass
				0	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				10	3.92	0.000	0.0000	-2.5 to 2.5	Pass
				30	3.92	-3.300	-0.0047	-2.5 to 2.5	Pass
				40	3.92	-3.900	-0.0055	-2.5 to 2.5	Pass
				50	3.92	-1.800	-0.0025	-2.5 to 2.5	Pass
	711	50	0	20	3.4	1.200	0.0017	-2.5 to 2.5	Pass
					3.92	-2.300	-0.0032	-2.5 to 2.5	Pass
					4.5	-2.000	-0.0028	-2.5 to 2.5	Pass
				-30	3.92	0.300	0.0004	-2.5 to 2.5	Pass
				-20	3.92	0.100	0.0001	-2.5 to 2.5	Pass
				-10	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				0	3.92	-0.300	-0.0004	-2.5 to 2.5	Pass
				10	3.92	-2.200	-0.0031	-2.5 to 2.5	Pass
				30	3.92	-5.400	-0.0076	-2.5 to 2.5	Pass
				40	3.92	0.900	0.0013	-2.5 to 2.5	Pass
				50	3.92	0.200	0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band12_OBW

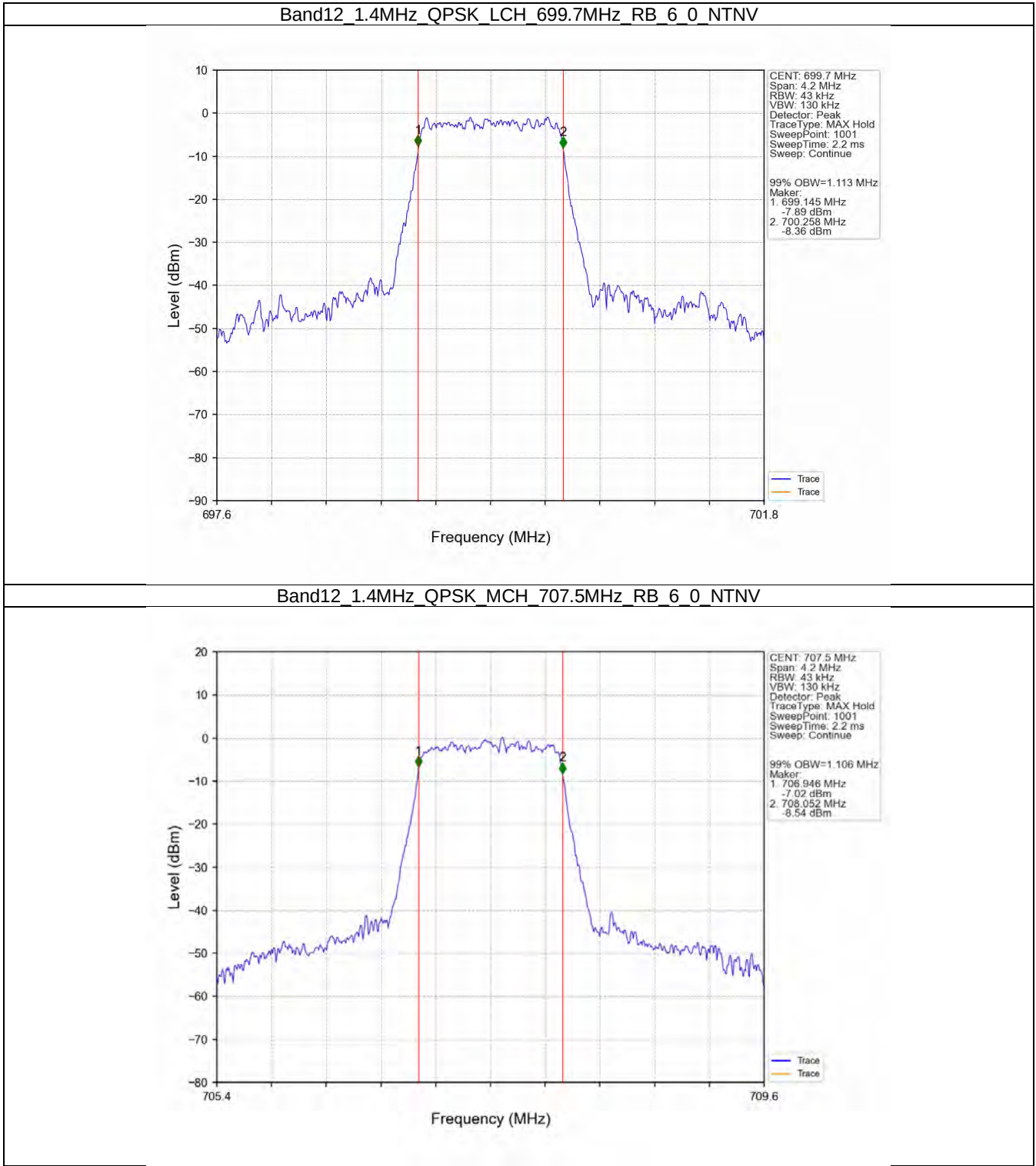
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.113	/	Pass
		707.5	6	0	1.106	/	Pass
		715.3	6	0	1.110	/	Pass
	16QAM	699.7	6	0	1.117	/	Pass
		707.5	6	0	1.115	/	Pass
		715.3	6	0	1.110	/	Pass
	64QAM	699.7	6	0	1.119	/	Pass
		707.5	6	0	1.114	/	Pass
		715.3	6	0	1.114	/	Pass
	256QAM	699.7	6	0	1.109	/	Pass
		707.5	6	0	1.105	/	Pass
		715.3	6	0	1.105	/	Pass
3	QPSK	700.5	15	0	2.727	/	Pass
		707.5	15	0	2.728	/	Pass
		714.5	15	0	2.715	/	Pass
	16QAM	700.5	15	0	2.725	/	Pass
		707.5	15	0	2.734	/	Pass
		714.5	15	0	2.717	/	Pass
	64QAM	700.5	15	0	2.727	/	Pass
		707.5	15	0	2.725	/	Pass
		714.5	15	0	2.719	/	Pass
	256QAM	700.5	15	0	2.725	/	Pass
		707.5	15	0	2.738	/	Pass
		714.5	15	0	2.718	/	Pass
5	QPSK	701.5	25	0	4.553	/	Pass
		707.5	25	0	4.536	/	Pass
		713.5	25	0	4.509	/	Pass
	16QAM	701.5	25	0	4.523	/	Pass
		707.5	25	0	4.540	/	Pass
		713.5	25	0	4.519	/	Pass
	64QAM	701.5	25	0	4.533	/	Pass
		707.5	25	0	4.549	/	Pass
		713.5	25	0	4.520	/	Pass
	256QAM	701.5	25	0	4.516	/	Pass
		707.5	25	0	4.532	/	Pass
		713.5	25	0	4.519	/	Pass
10	QPSK	704	50	0	9.075	/	Pass
		707.5	50	0	9.110	/	Pass
		711	50	0	9.061	/	Pass
	16QAM	704	50	0	9.064	/	Pass
		707.5	50	0	9.081	/	Pass
		711	50	0	8.993	/	Pass
	64QAM	704	50	0	9.077	/	Pass
		707.5	50	0	9.087	/	Pass
		711	50	0	9.016	/	Pass
	256QAM	704	50	0	9.063	/	Pass
		707.5	50	0	9.064	/	Pass
		711	50	0	9.002	/	Pass

3.1.2 Band12_XDB

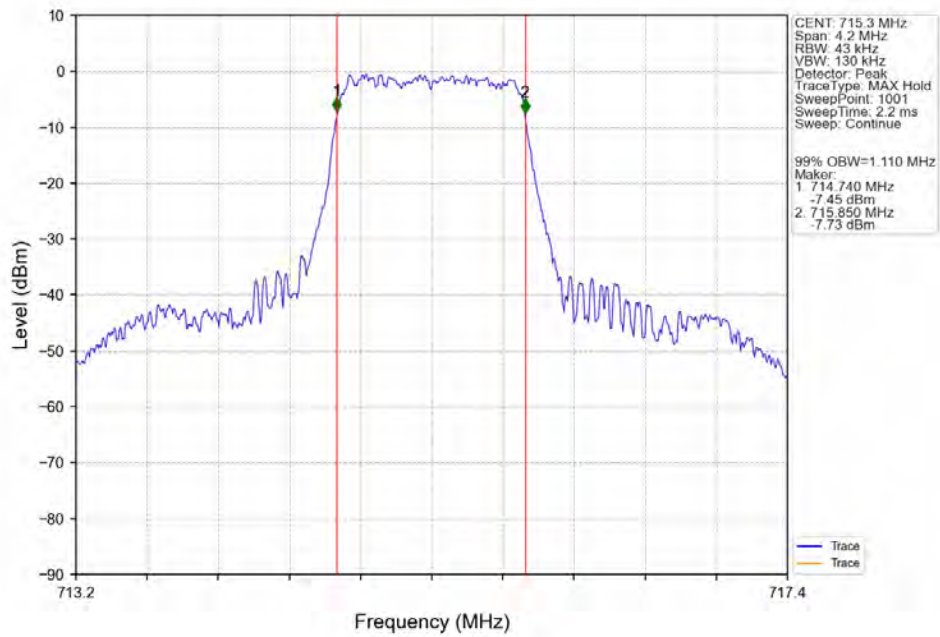
Band: 12 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	699.7	6	0	1.335	/	Pass
		707.5	6	0	1.308	/	Pass
		715.3	6	0	1.320	/	Pass
	16QAM	699.7	6	0	1.306	/	Pass
		707.5	6	0	1.307	/	Pass
		715.3	6	0	1.308	/	Pass
	64QAM	699.7	6	0	1.324	/	Pass
		707.5	6	0	1.310	/	Pass
		715.3	6	0	1.318	/	Pass
	256QAM	699.7	6	0	1.324	/	Pass
		707.5	6	0	1.320	/	Pass
		715.3	6	0	1.293	/	Pass
3	QPSK	700.5	15	0	3.016	/	Pass
		707.5	15	0	3.004	/	Pass
		714.5	15	0	3.026	/	Pass
	16QAM	700.5	15	0	3.025	/	Pass
		707.5	15	0	3.024	/	Pass
		714.5	15	0	3.002	/	Pass
	64QAM	700.5	15	0	2.999	/	Pass
		707.5	15	0	3.013	/	Pass
		714.5	15	0	3.010	/	Pass
	256QAM	700.5	15	0	3.012	/	Pass
		707.5	15	0	3.010	/	Pass
		714.5	15	0	2.996	/	Pass
5	QPSK	701.5	25	0	4.999	/	Pass
		707.5	25	0	5.082	/	Pass
		713.5	25	0	5.026	/	Pass
	16QAM	701.5	25	0	5.019	/	Pass
		707.5	25	0	5.032	/	Pass
		713.5	25	0	5.015	/	Pass
	64QAM	701.5	25	0	5.026	/	Pass
		707.5	25	0	5.031	/	Pass
		713.5	25	0	4.980	/	Pass
	256QAM	701.5	25	0	5.006	/	Pass
		707.5	25	0	5.047	/	Pass
		713.5	25	0	5.011	/	Pass
10	QPSK	704	50	0	9.937	/	Pass
		707.5	50	0	9.887	/	Pass
		711	50	0	9.832	/	Pass
	16QAM	704	50	0	9.913	/	Pass
		707.5	50	0	9.945	/	Pass
		711	50	0	9.802	/	Pass
	64QAM	704	50	0	9.970	/	Pass
		707.5	50	0	10.011	/	Pass
		711	50	0	9.930	/	Pass
	256QAM	704	50	0	10.015	/	Pass
		707.5	50	0	9.898	/	Pass
		711	50	0	9.853	/	Pass

3.2 Test Graph

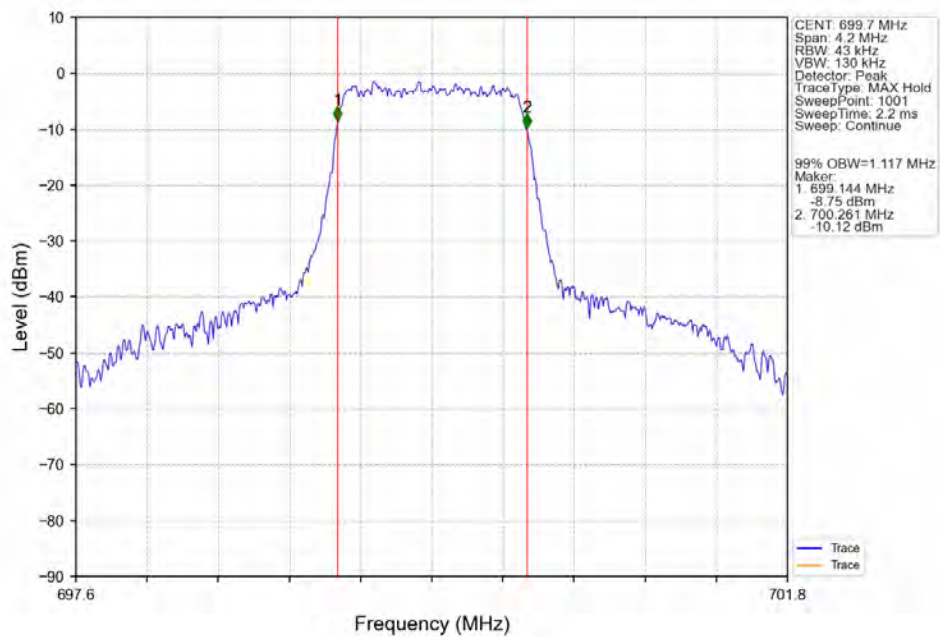
3.2.1 Band12_OBW



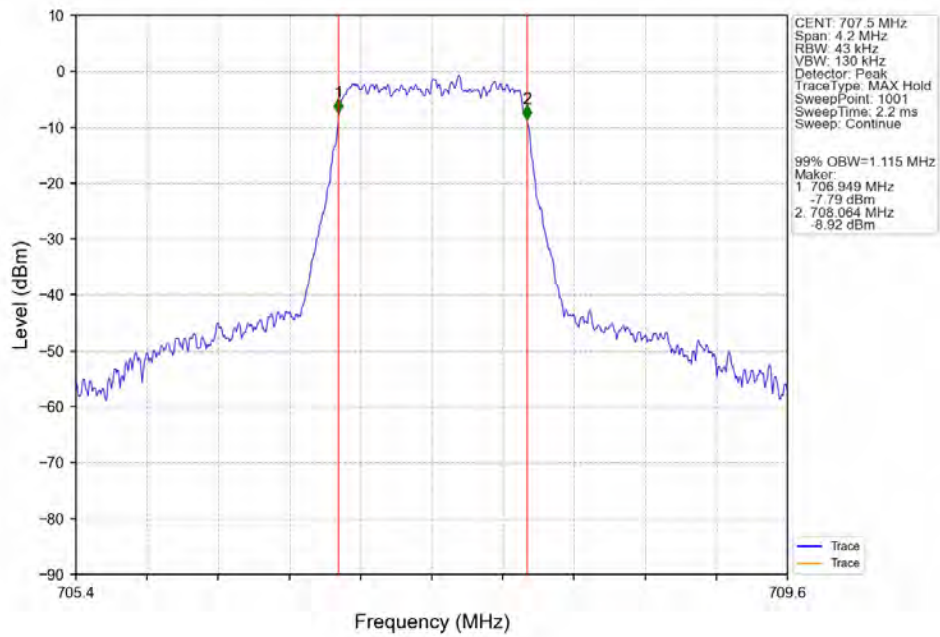
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



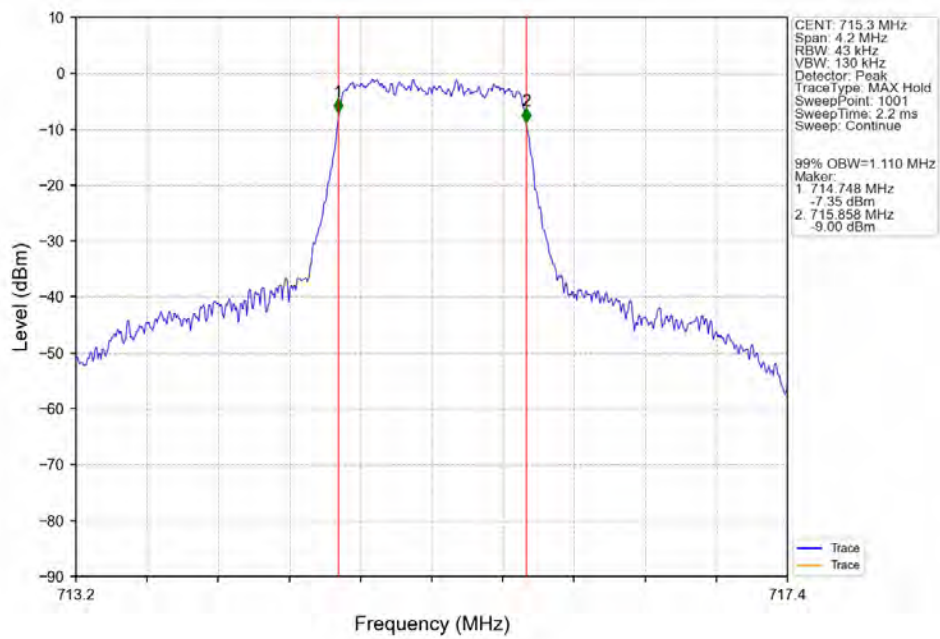
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



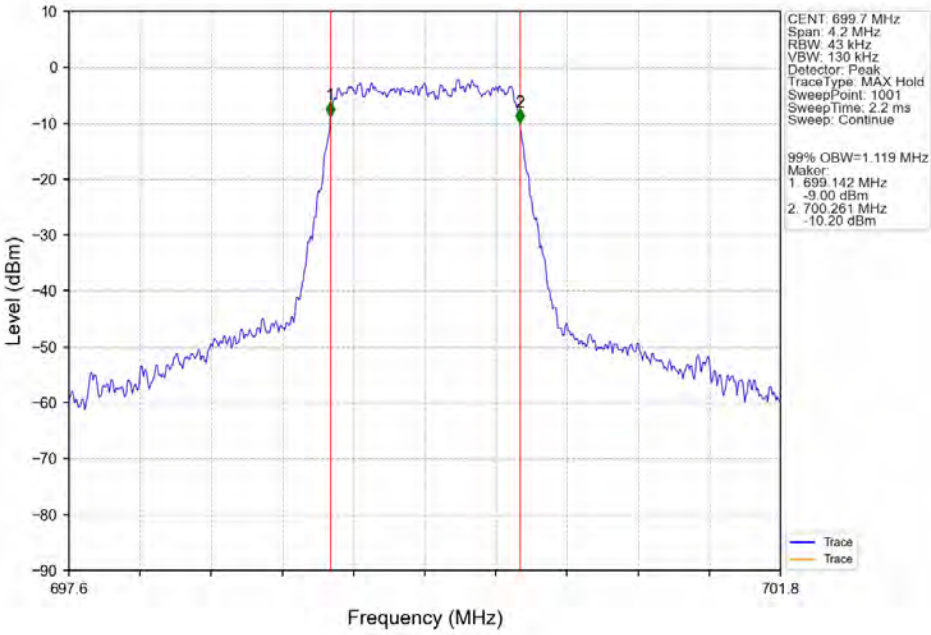
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



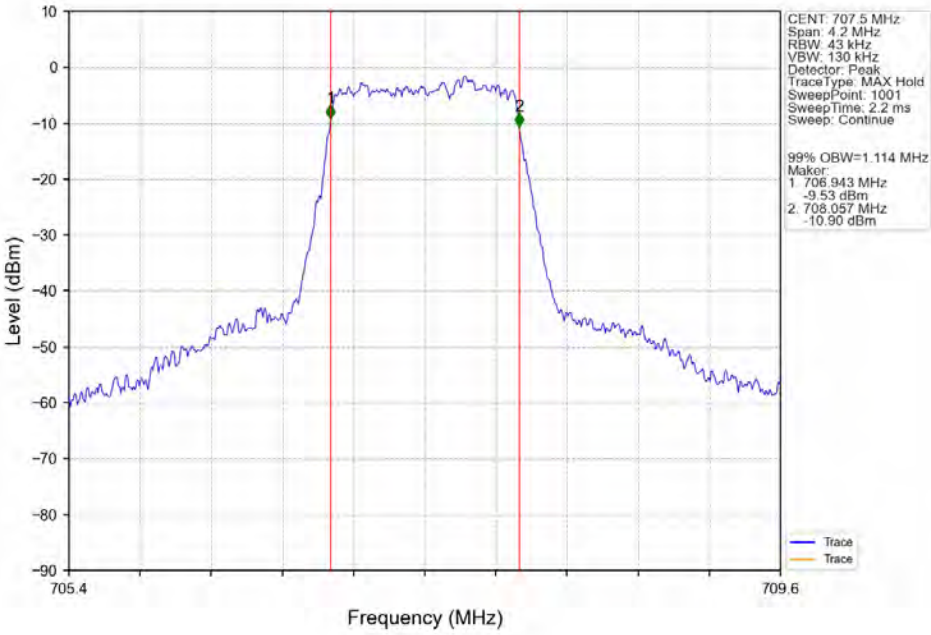
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



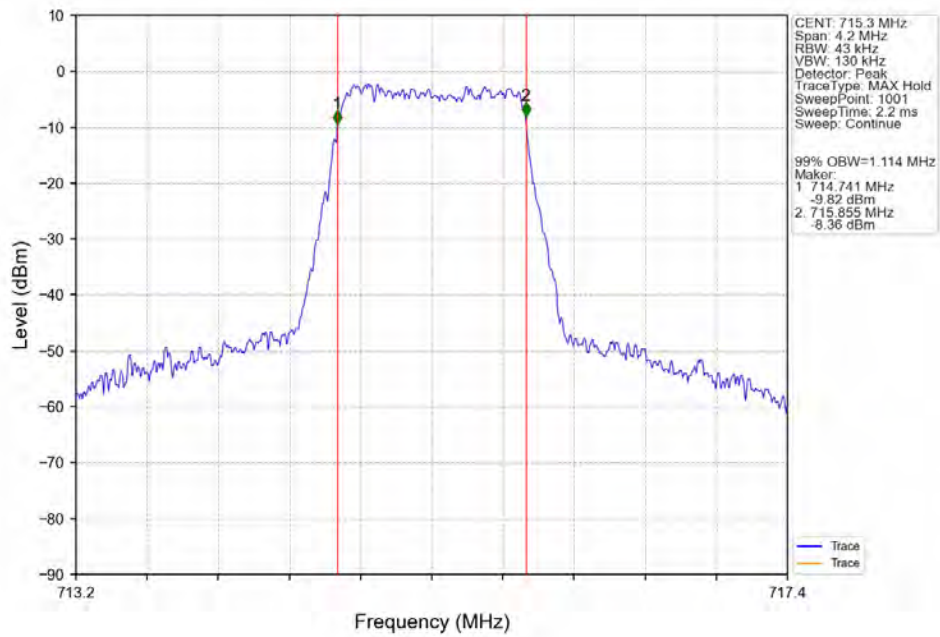
Band12 1.4MHz 64QAM LCH 699.7MHz RB 6 0 NTNV



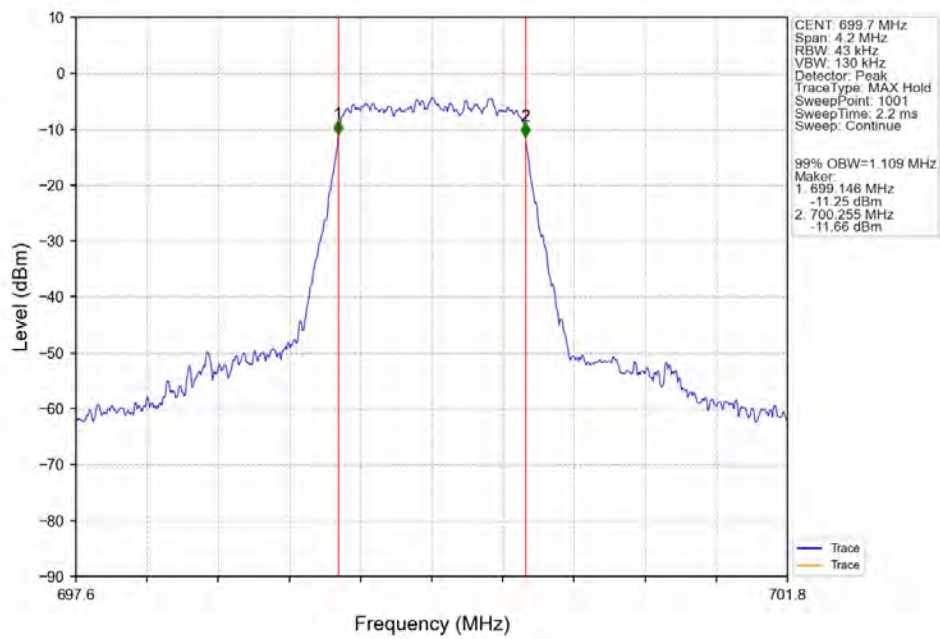
Band12 1.4MHz 64QAM MCH 707.5MHz RB 6 0 NTNV



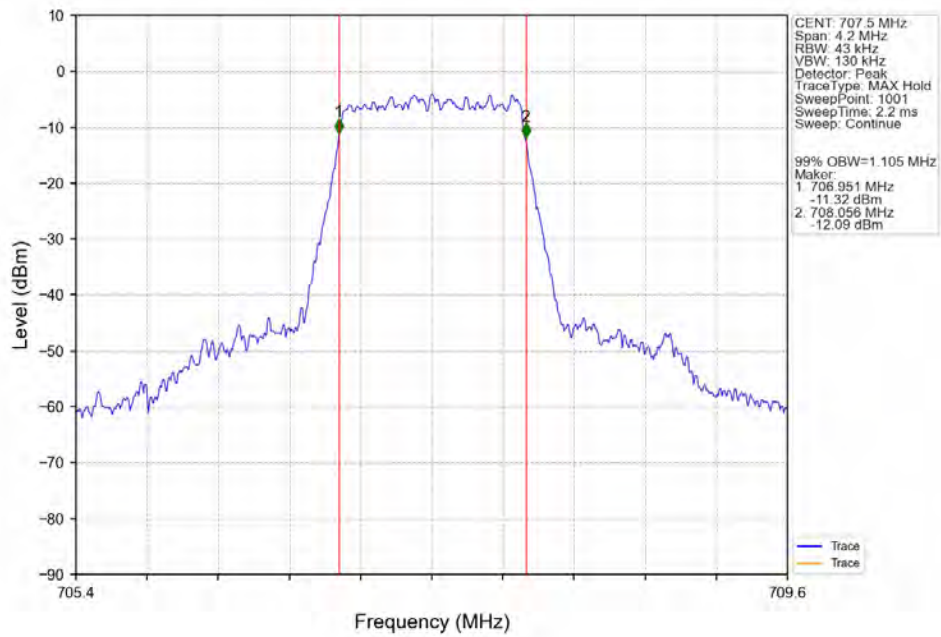
Band12 1.4MHz 64QAM HCH 715.3MHz RB 6 0 NTN



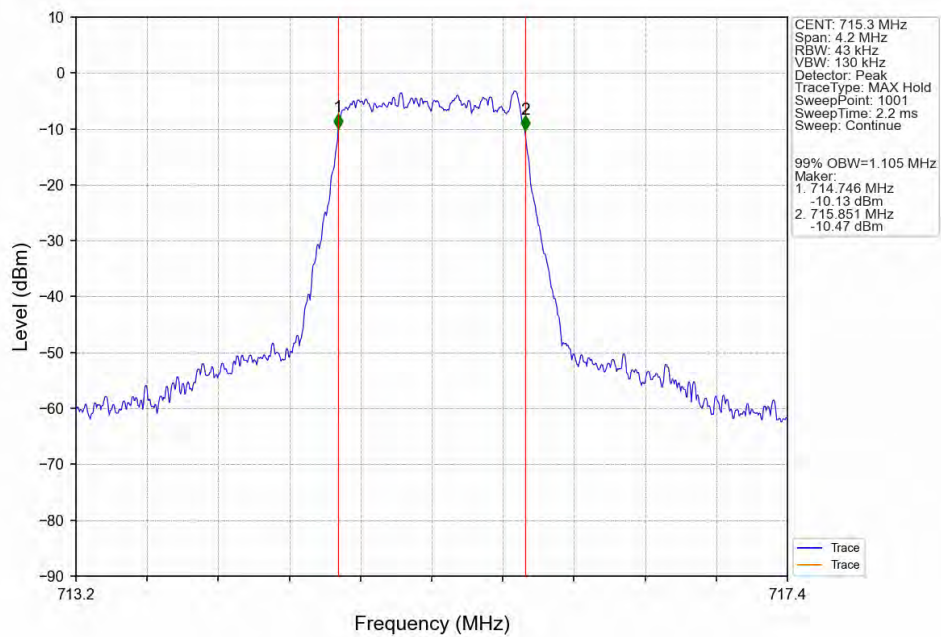
Band12 1.4MHz 256QAM LCH 699.7MHz RB 6 0 NTN



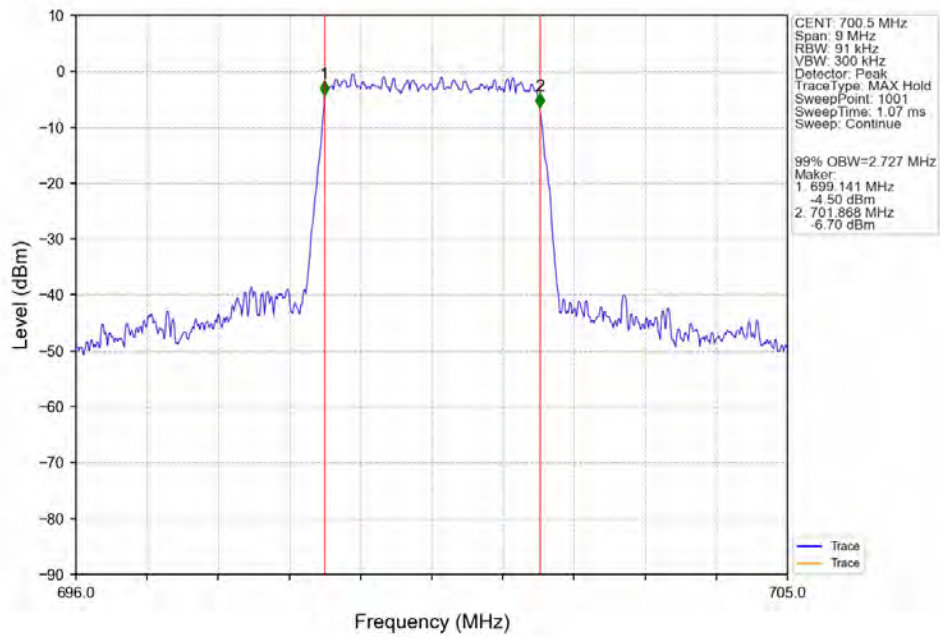
Band12 1.4MHz 256QAM MCH 707.5MHz RB 6 0 NTN



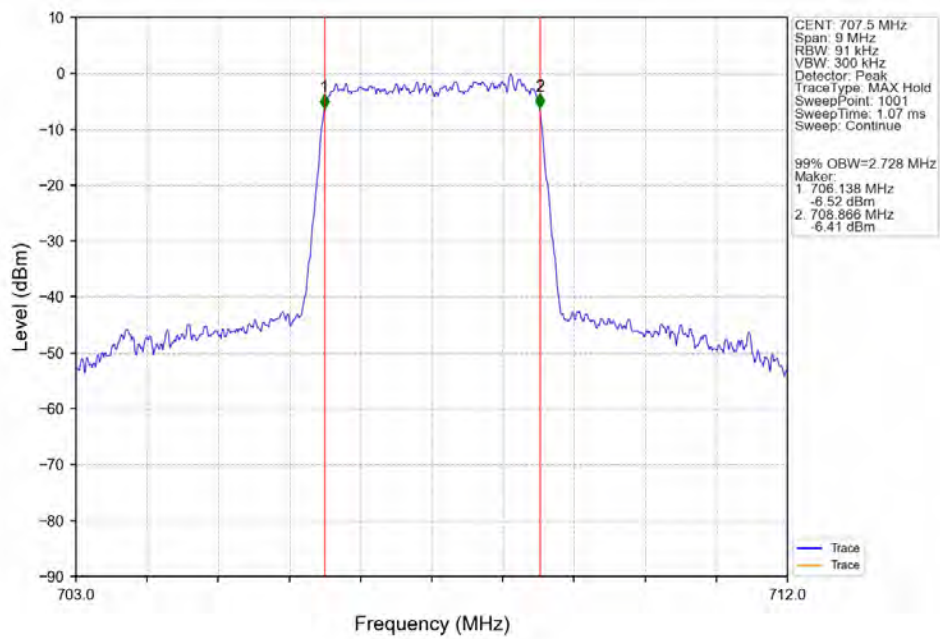
Band12 1.4MHz 256QAM HCH 715.3MHz RB 6 0 NTN



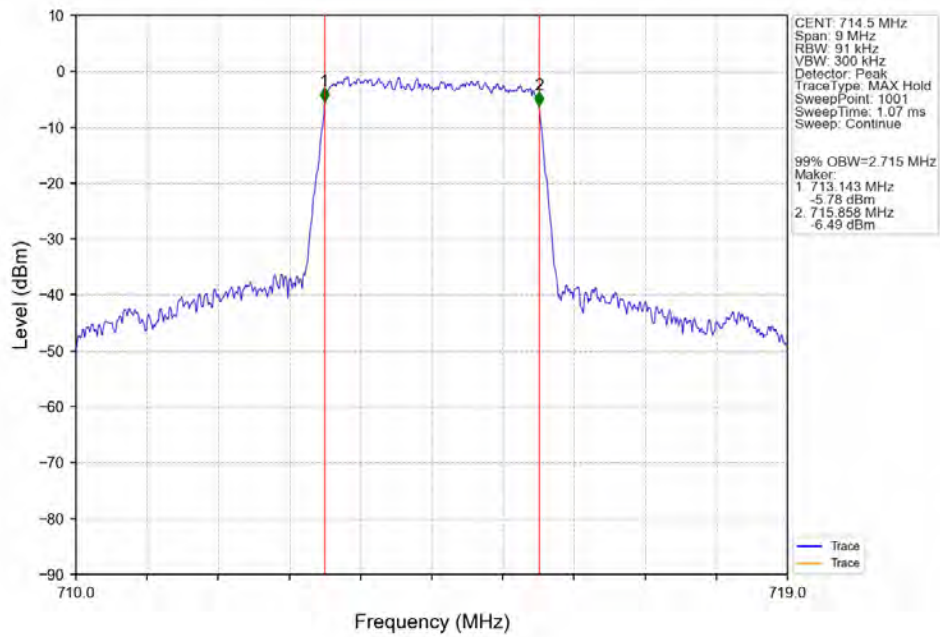
Band12_3MHz_QPSK_LCH_700.5MHz_RB_15_0_NTNV



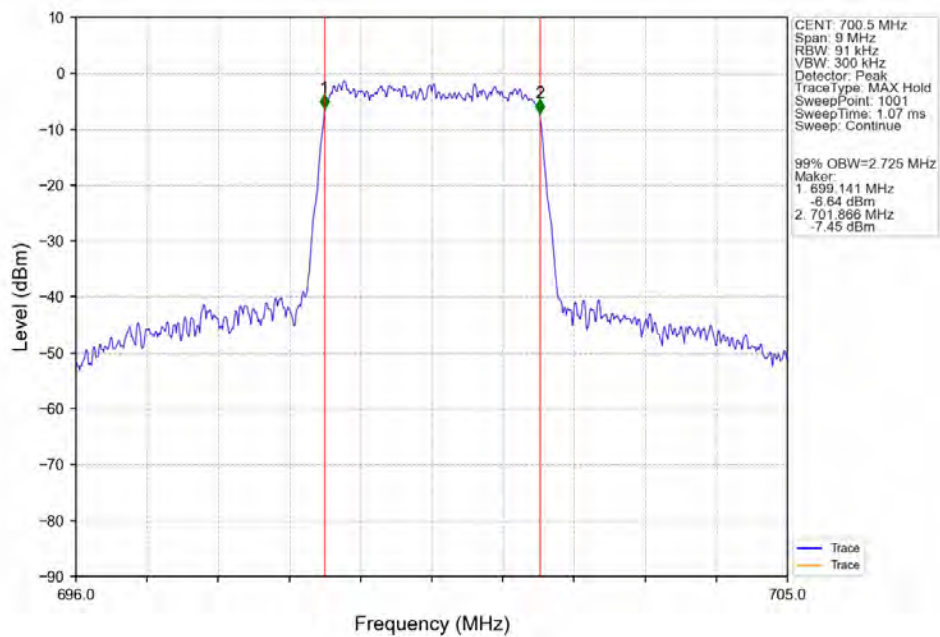
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



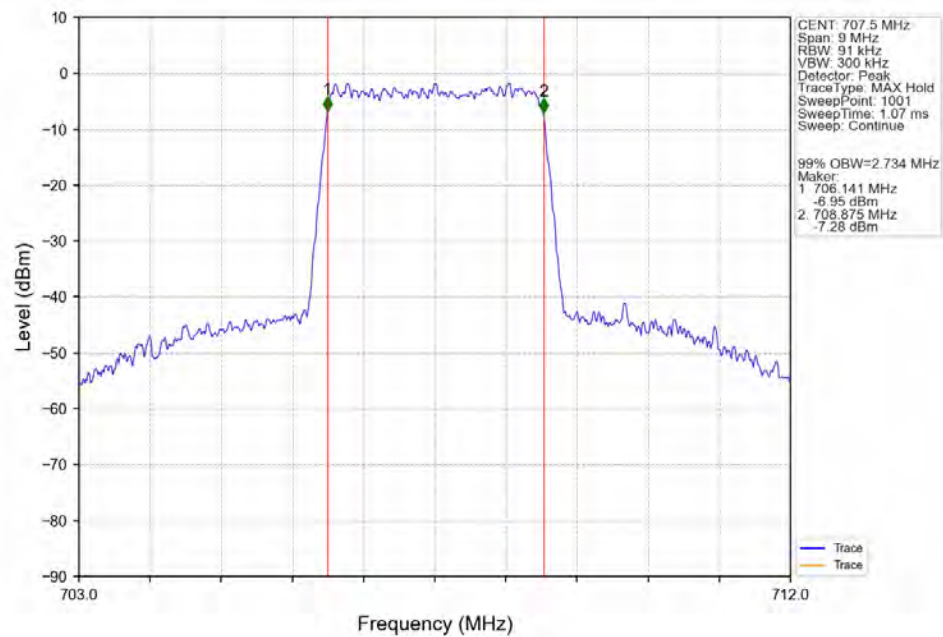
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTNV



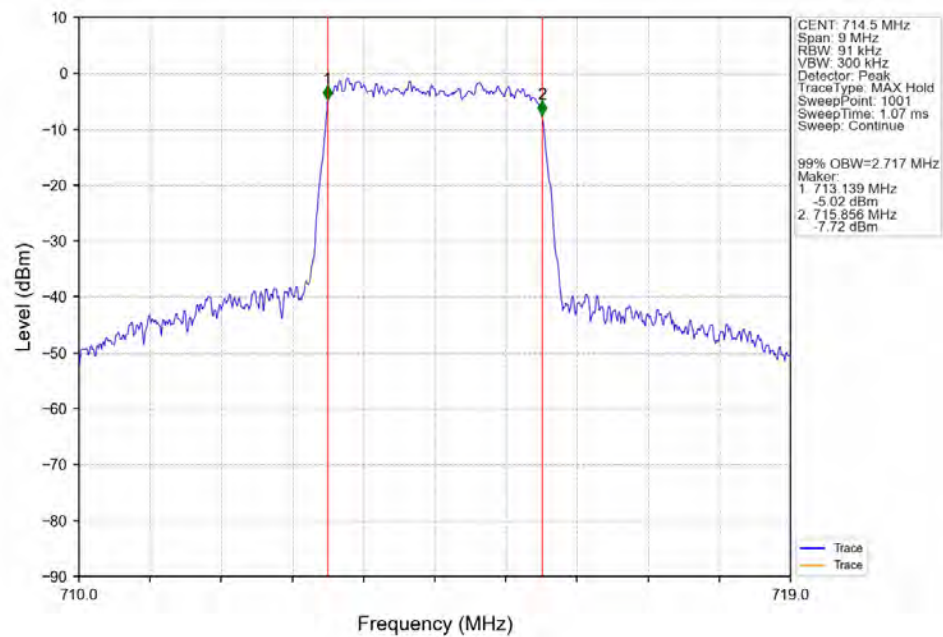
Band12_3MHz_16QAM_LCH_700.5MHz_RB_15_0_NTNV



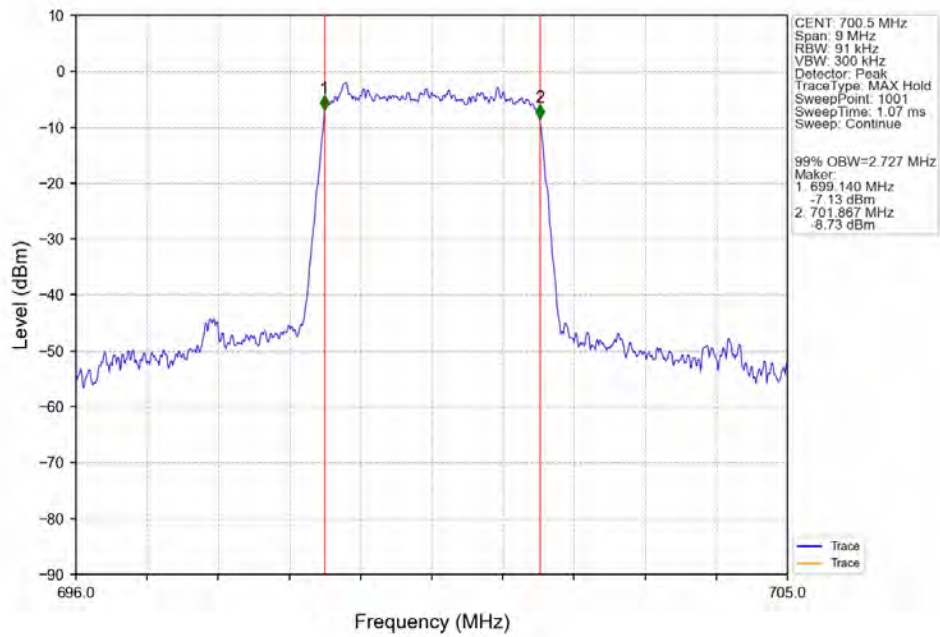
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



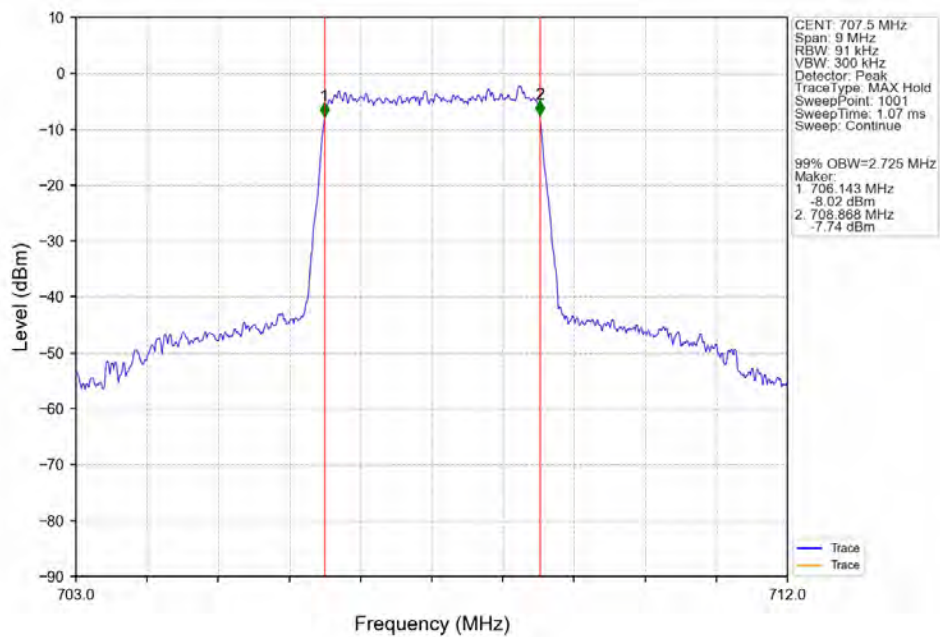
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



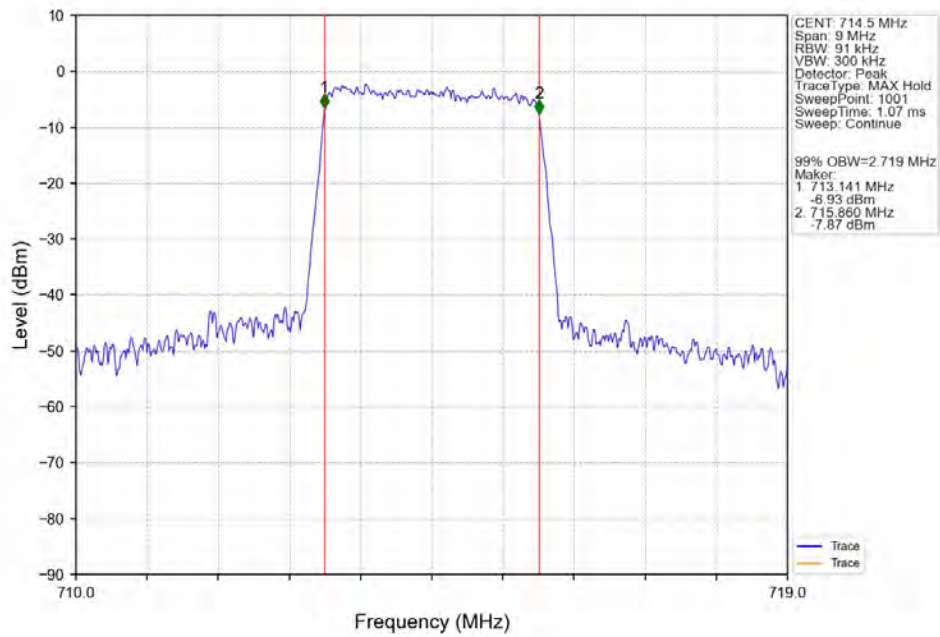
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



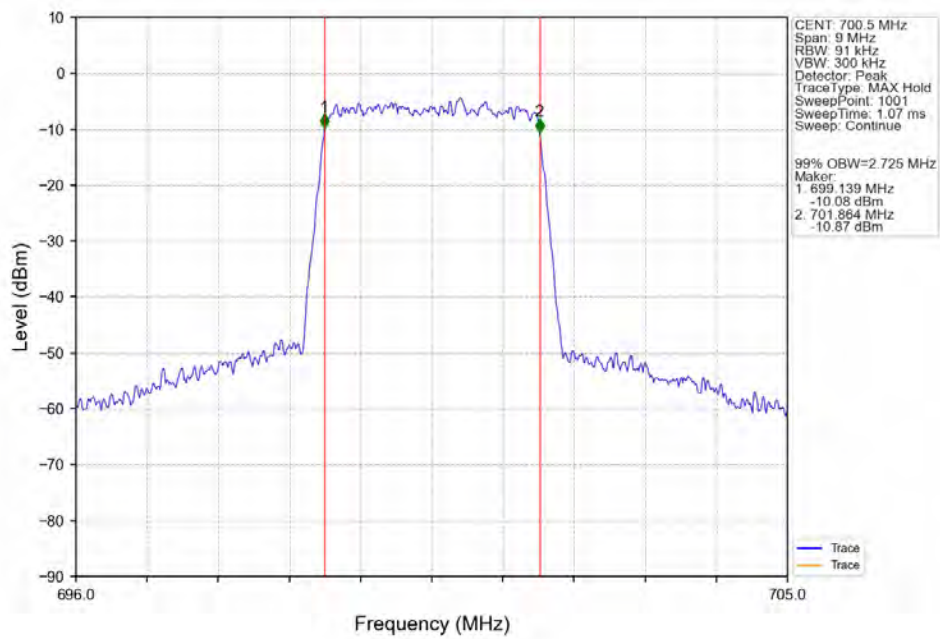
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



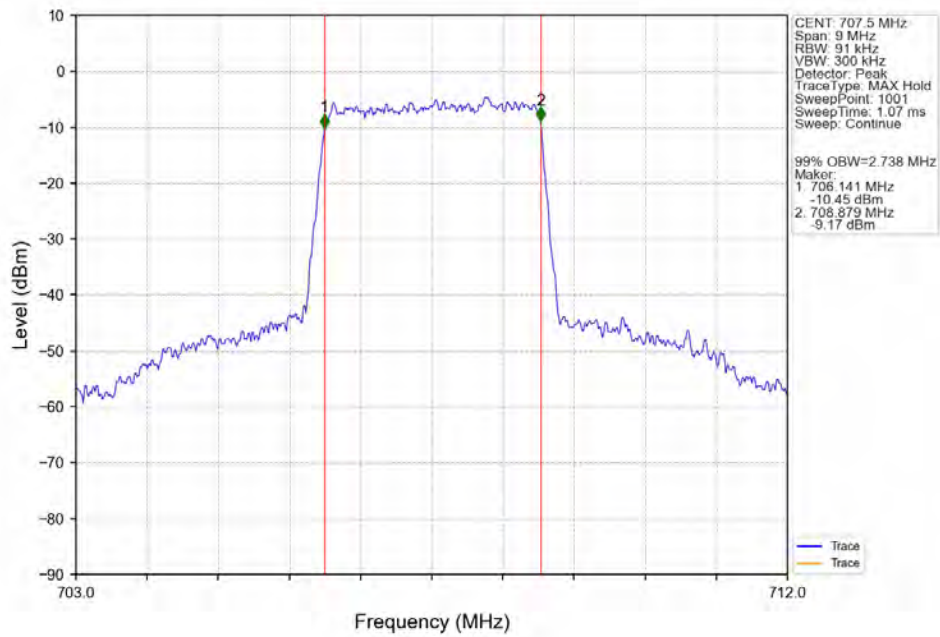
Band12 3MHz 64QAM HCH 714.5MHz RB 15 0 NTNV



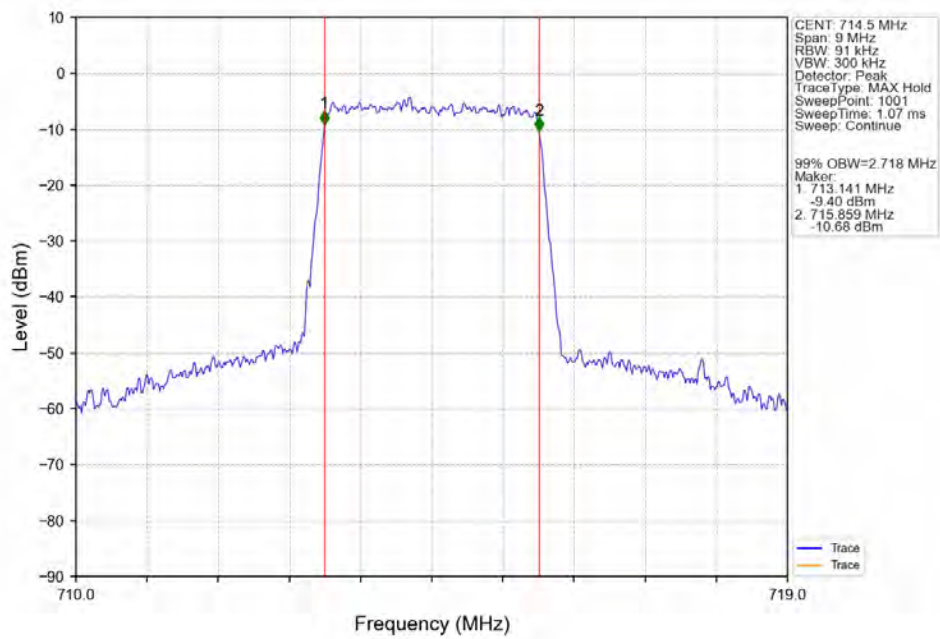
Band12 3MHz 256QAM LCH 700.5MHz RB 15 0 NTNV



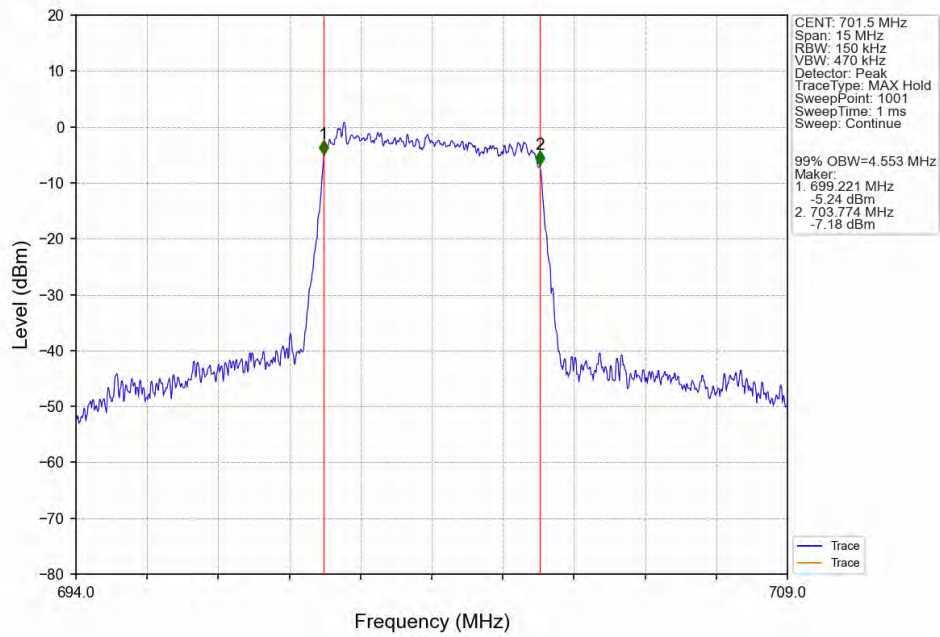
Band12_3MHz_256QAM_MCH_707.5MHz_RB_15_0_NTNV



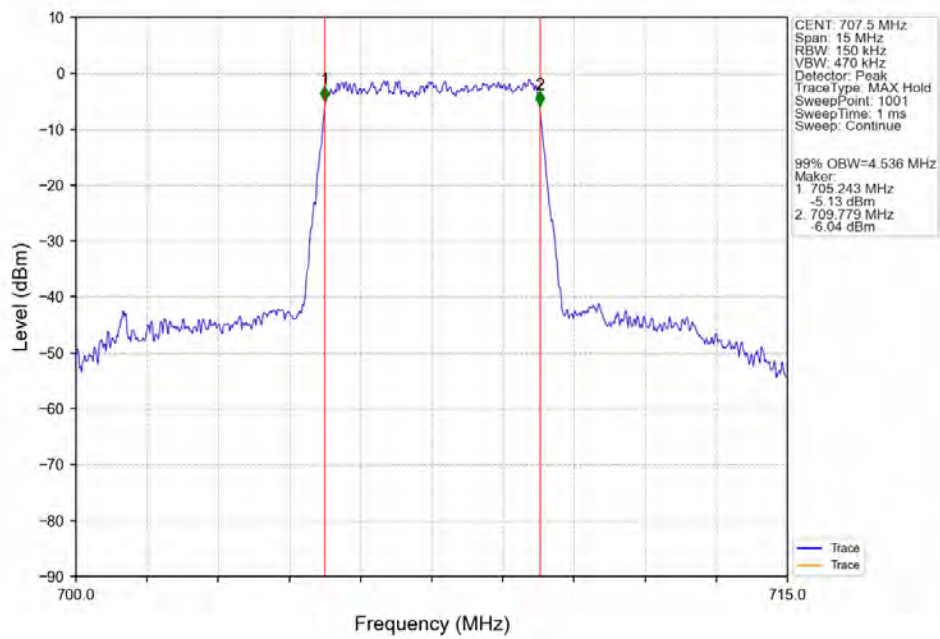
Band12_3MHz_256QAM_HCH_714.5MHz_RB_15_0_NTNV



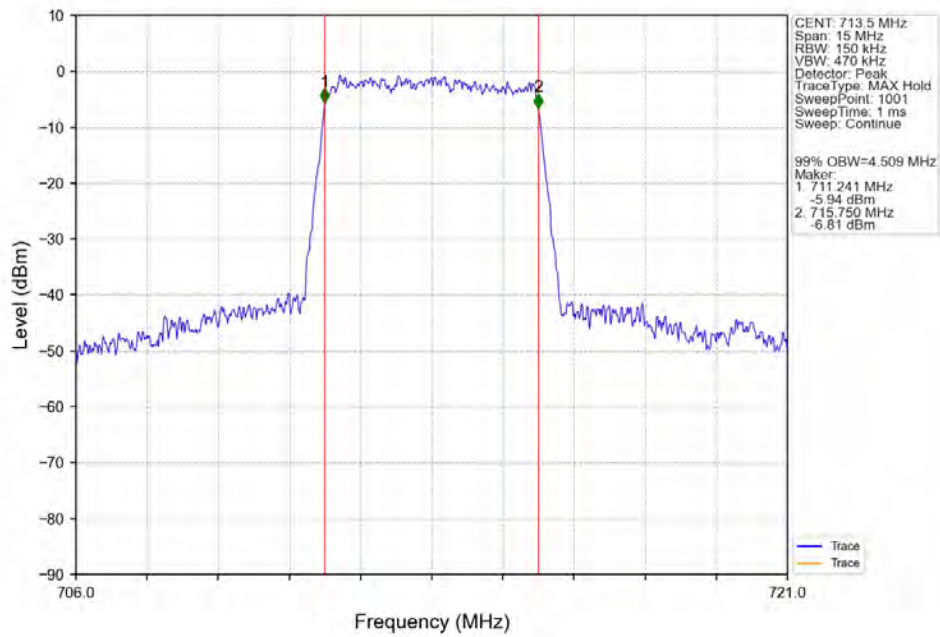
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



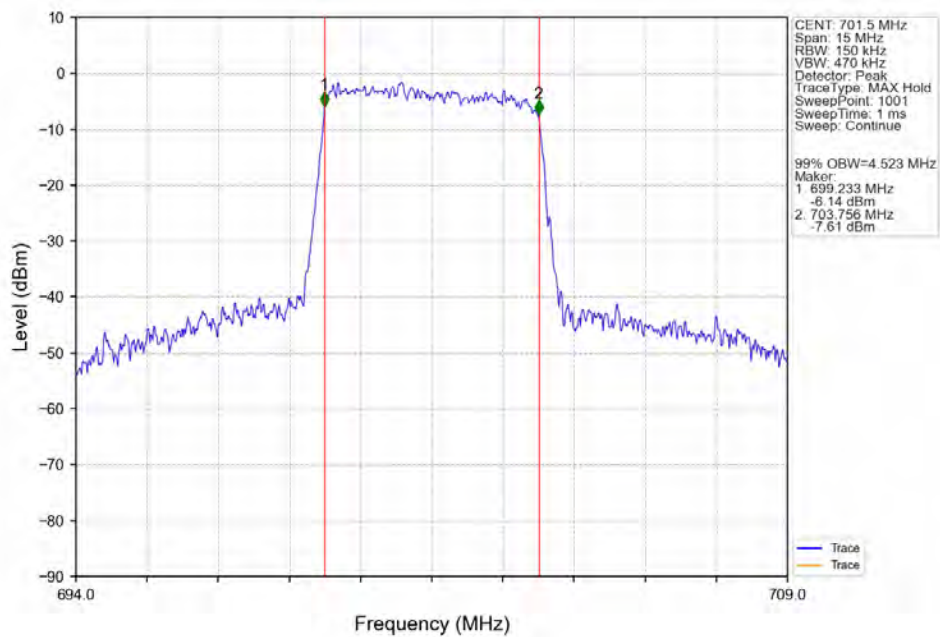
Band12_5MHz_QPSK_MCH_707.5MHz_RB_25_0_NTNV



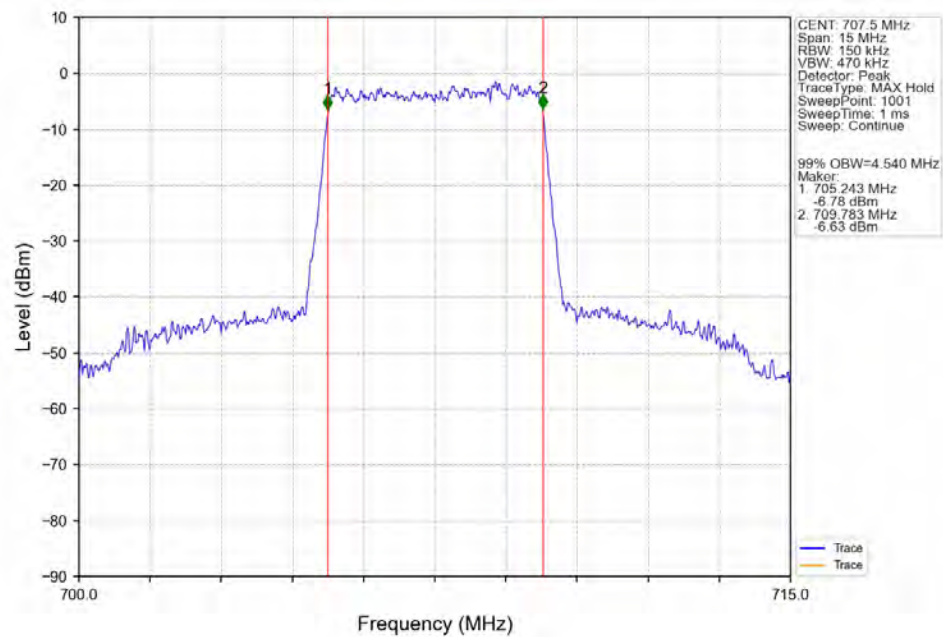
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTNV



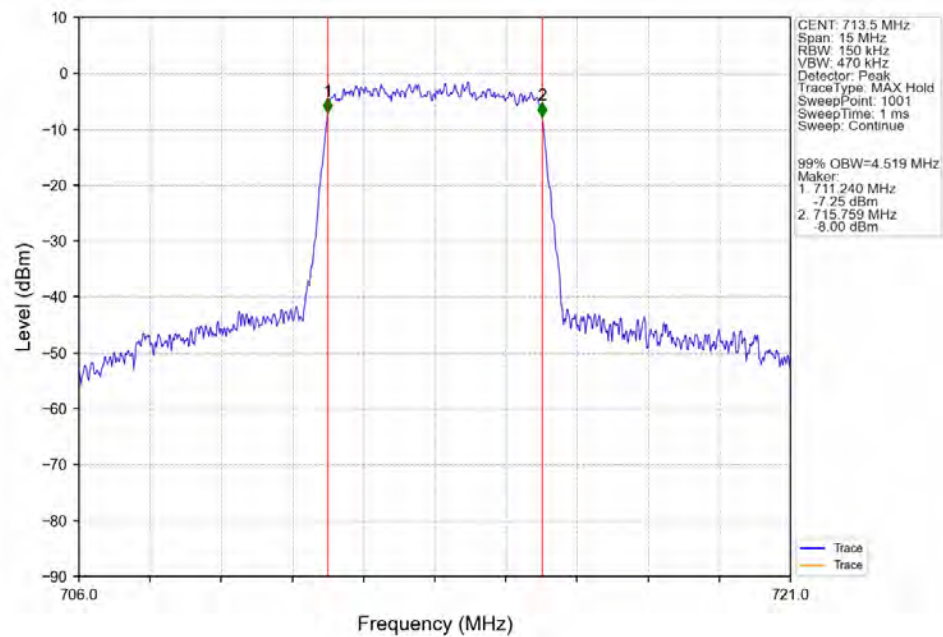
Band12_5MHz_16QAM_LCH_701.5MHz_RB_25_0_NTNV



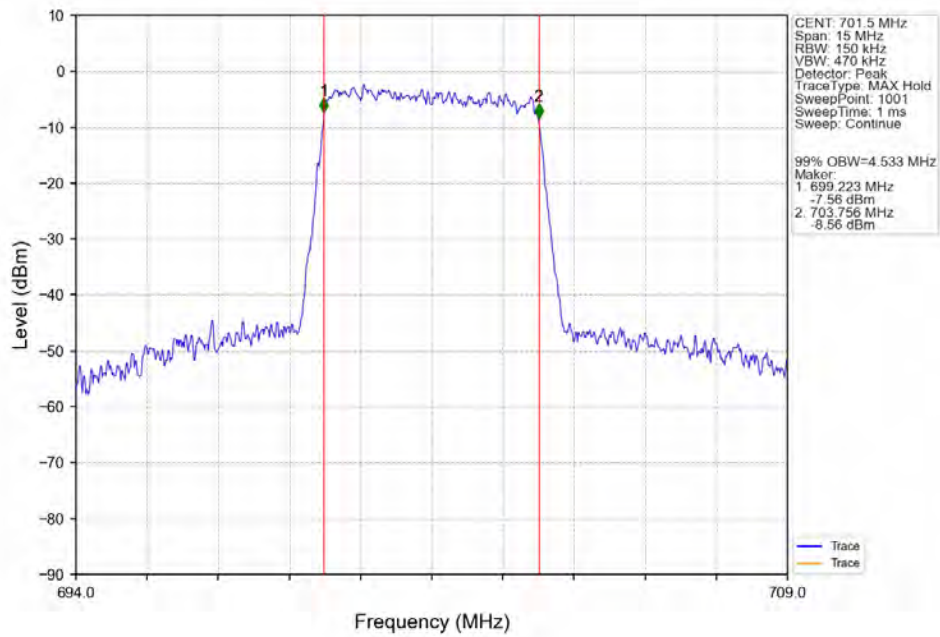
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



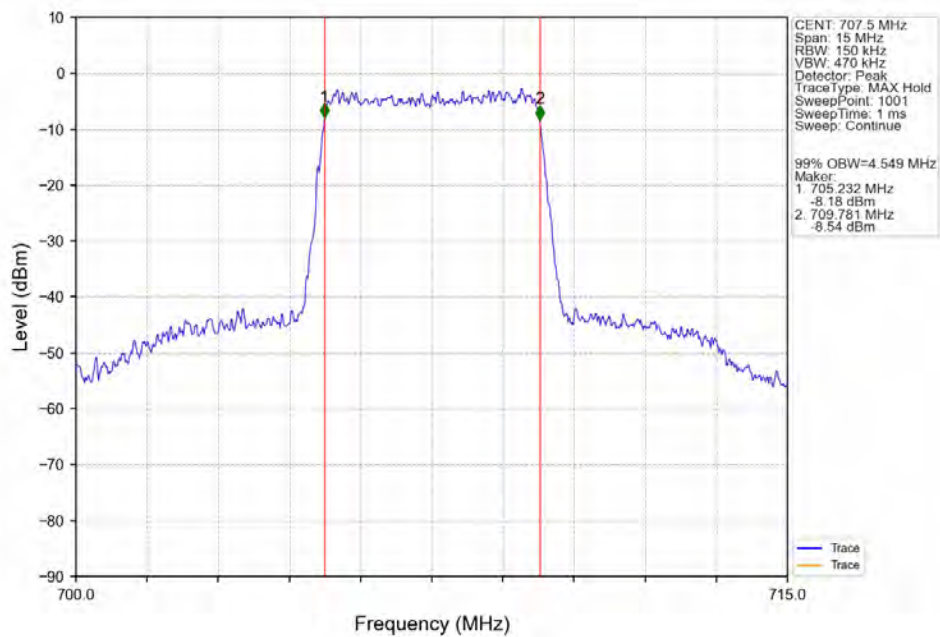
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



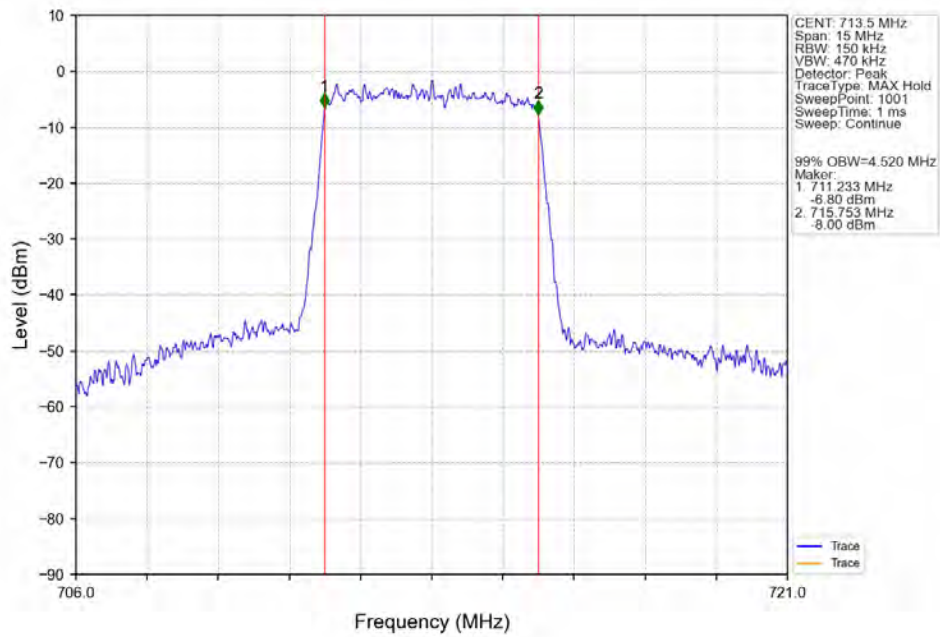
Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



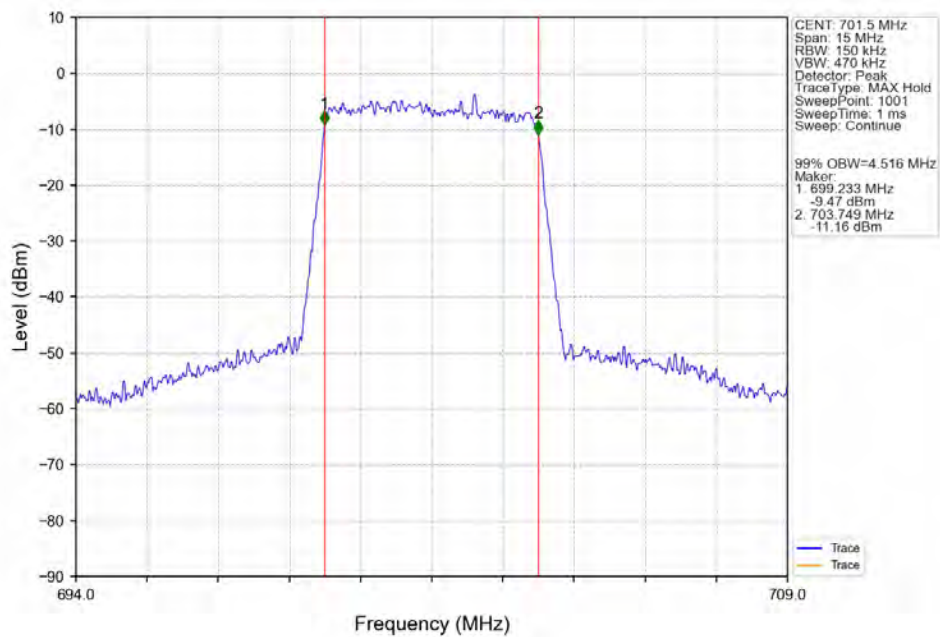
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



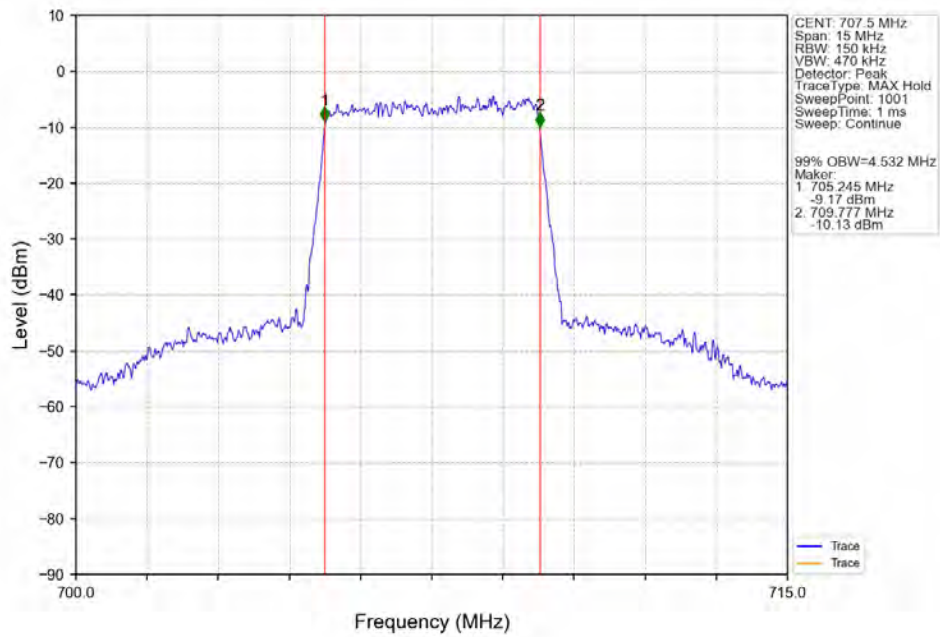
Band12 5MHz 64QAM HCH 713.5MHz RB 25 0 NTNV



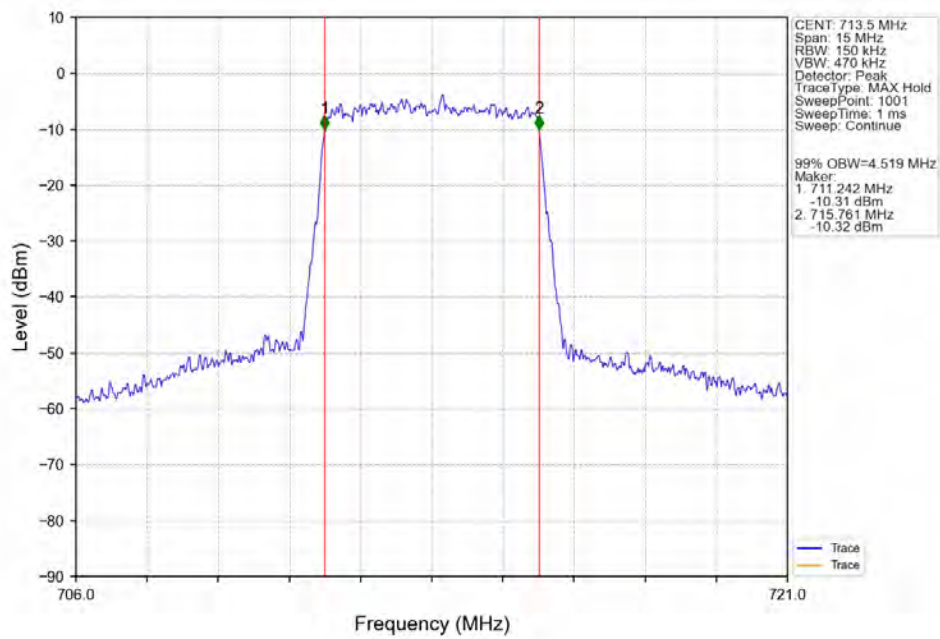
Band12 5MHz 256QAM LCH 701.5MHz RB 25 0 NTNV



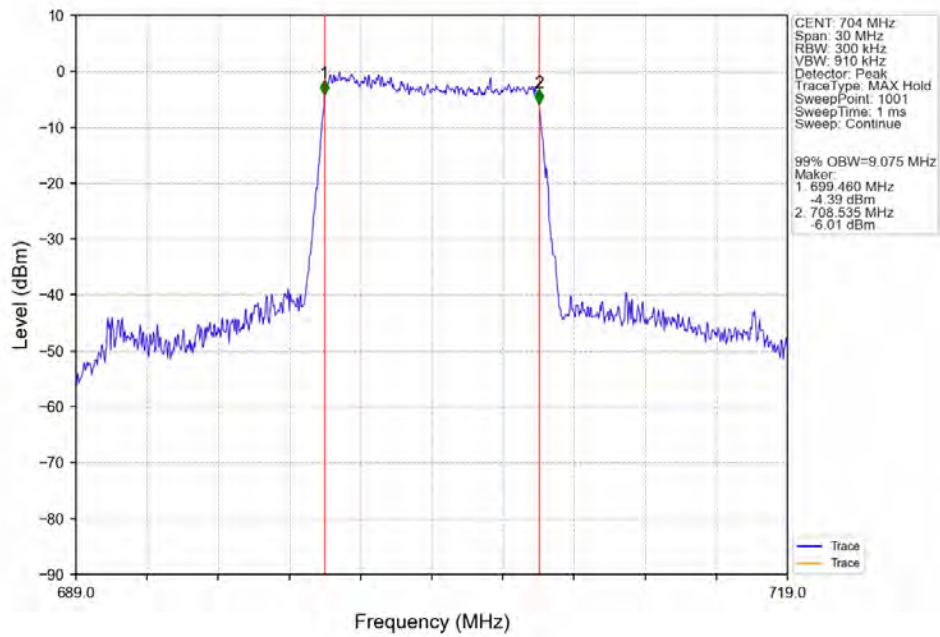
Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV



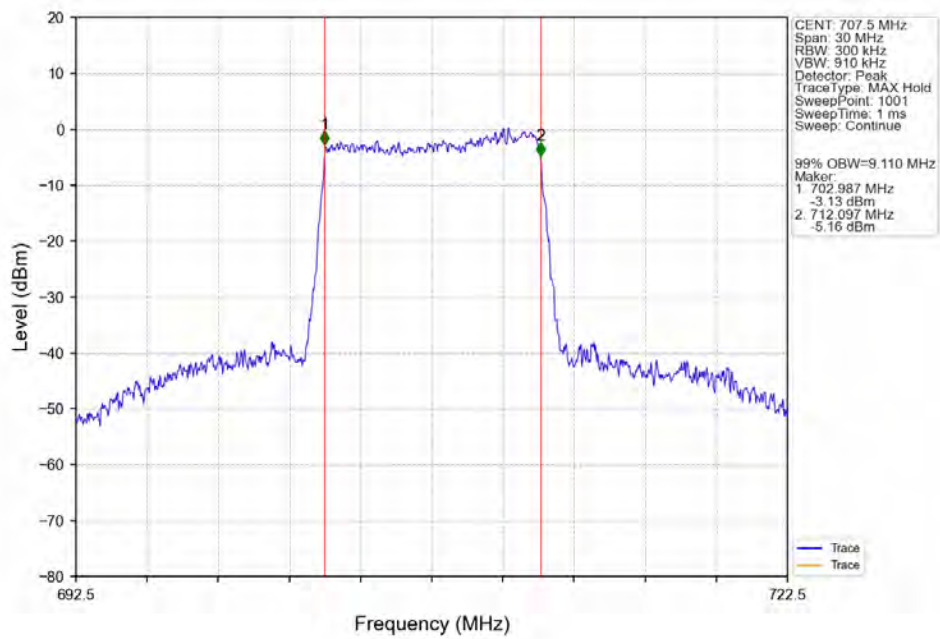
Band12_5MHz_256QAM_HCH_713.5MHz_RB_25_0_NTNV



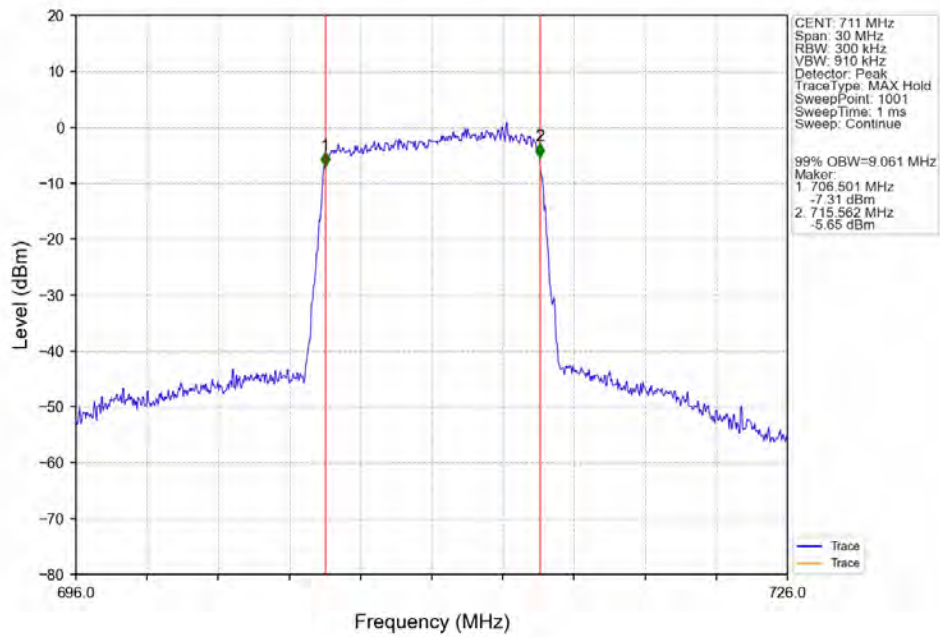
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



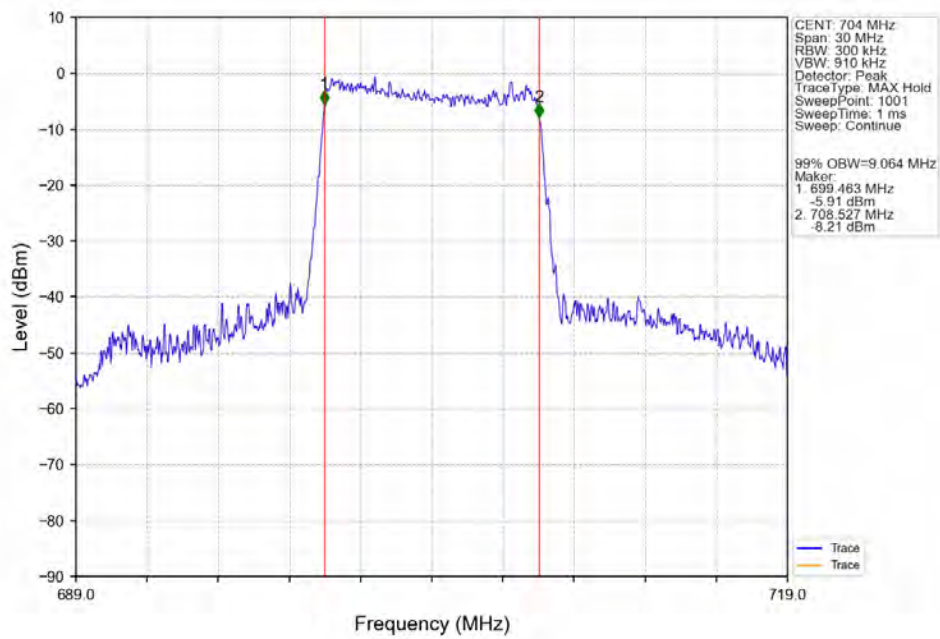
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



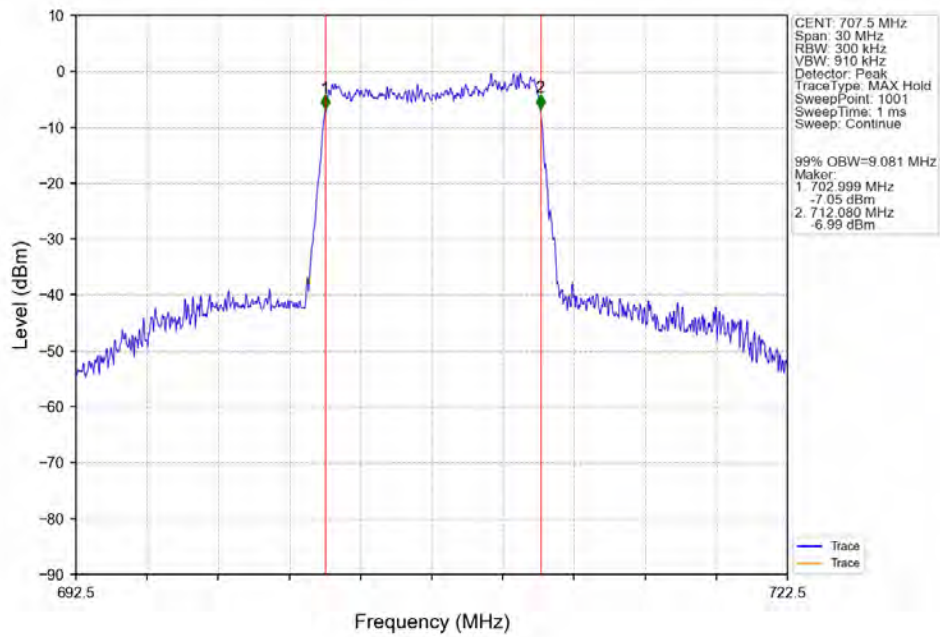
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTV



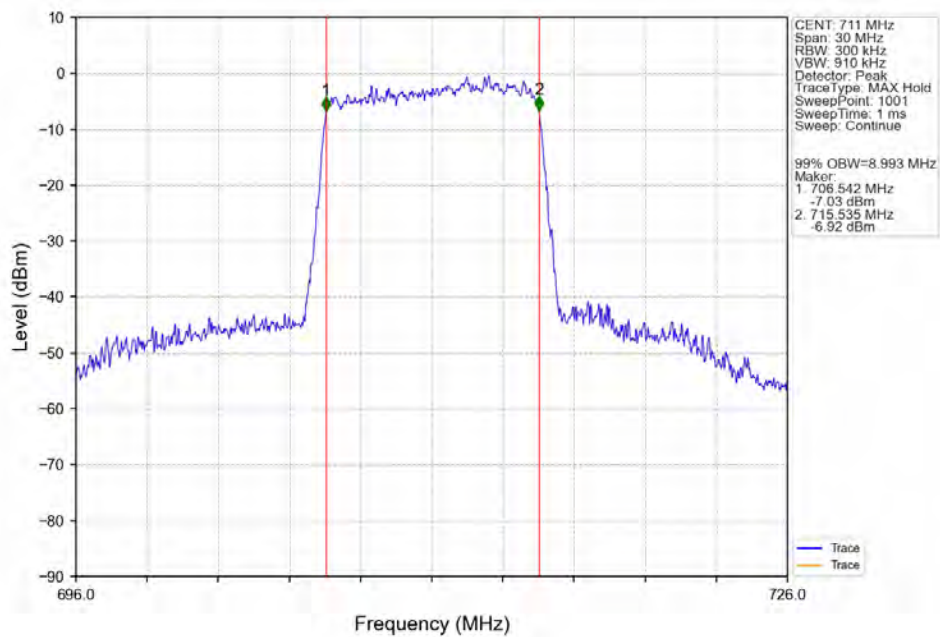
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTV



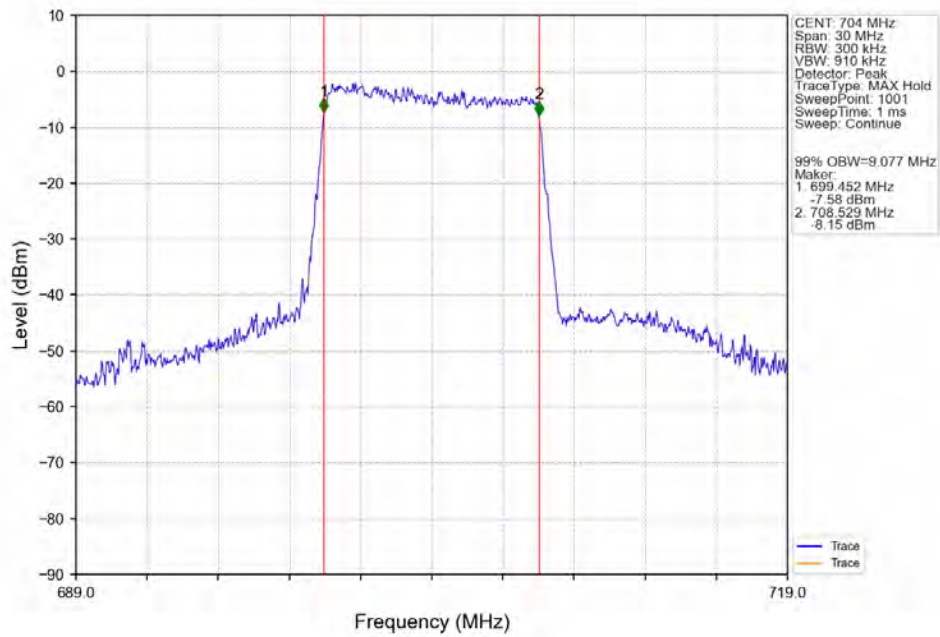
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



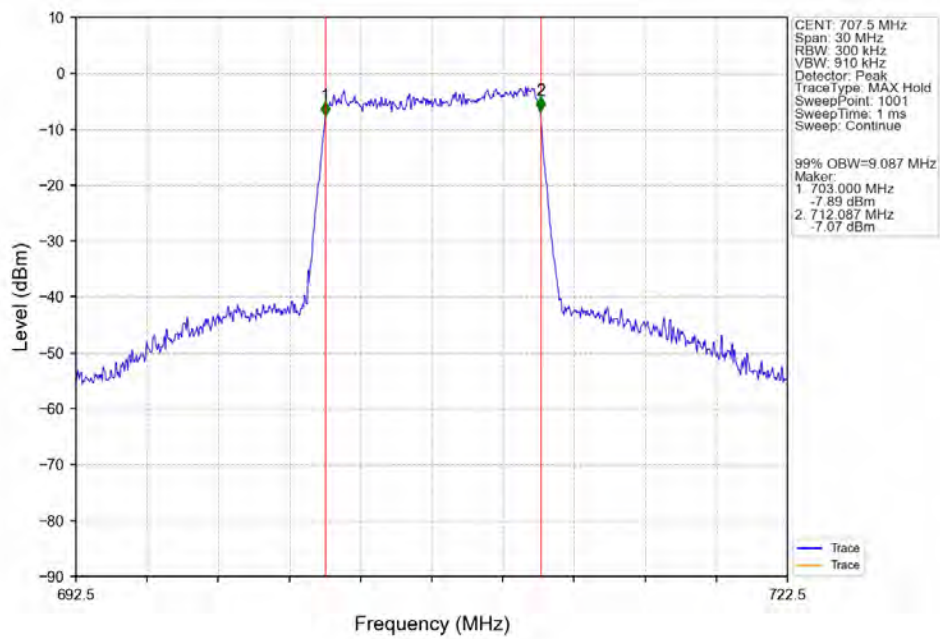
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



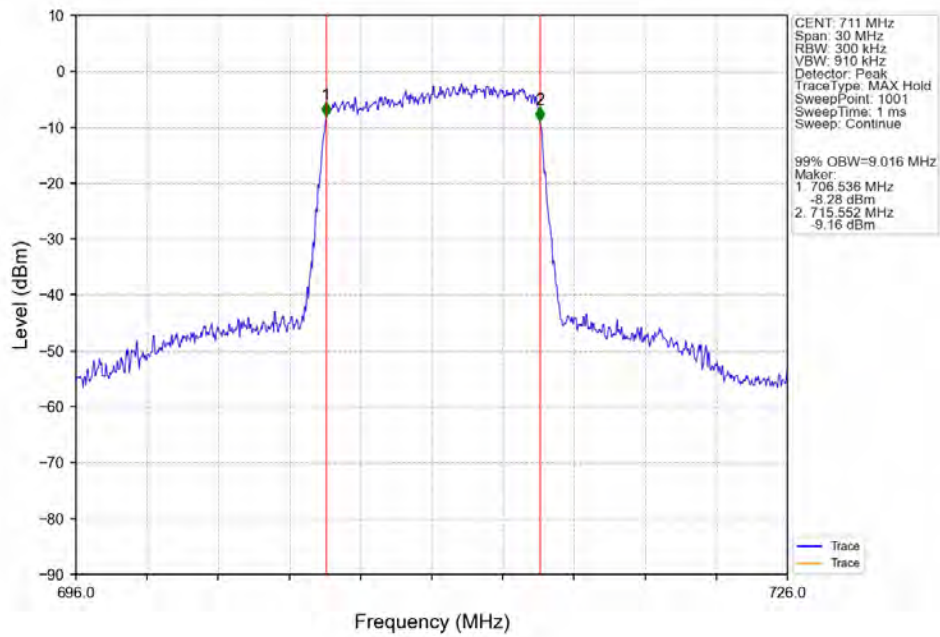
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



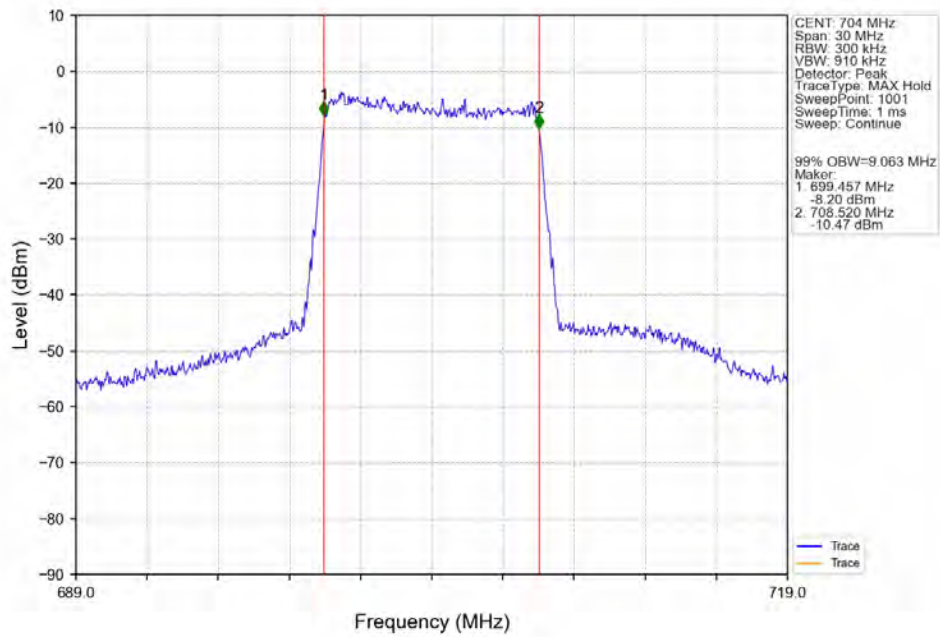
Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



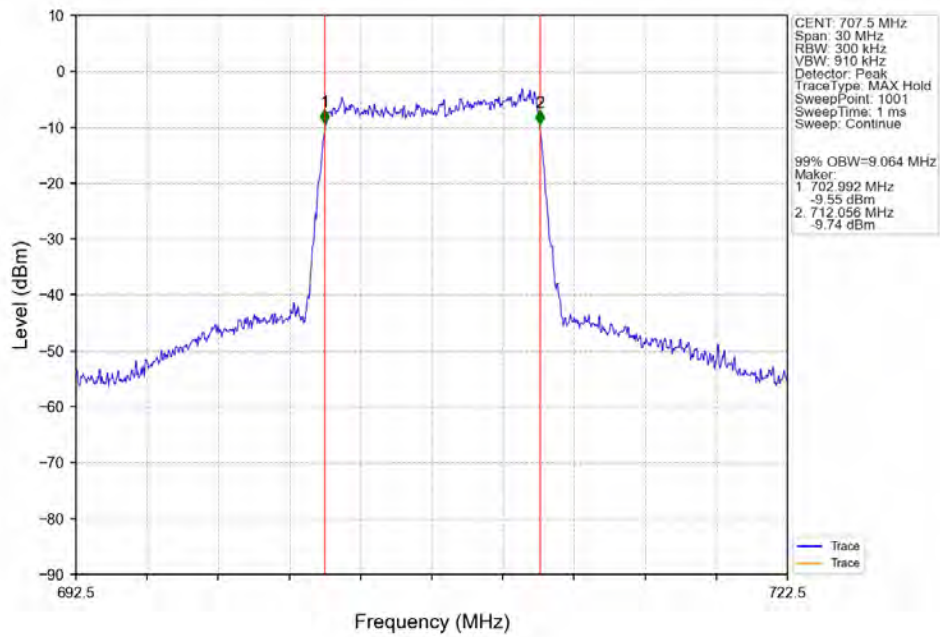
Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



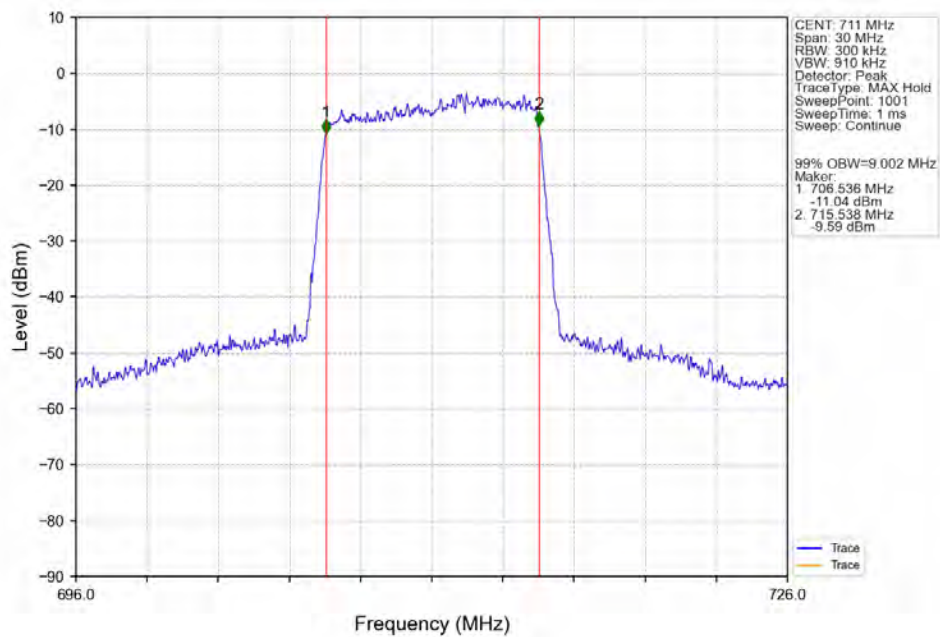
Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



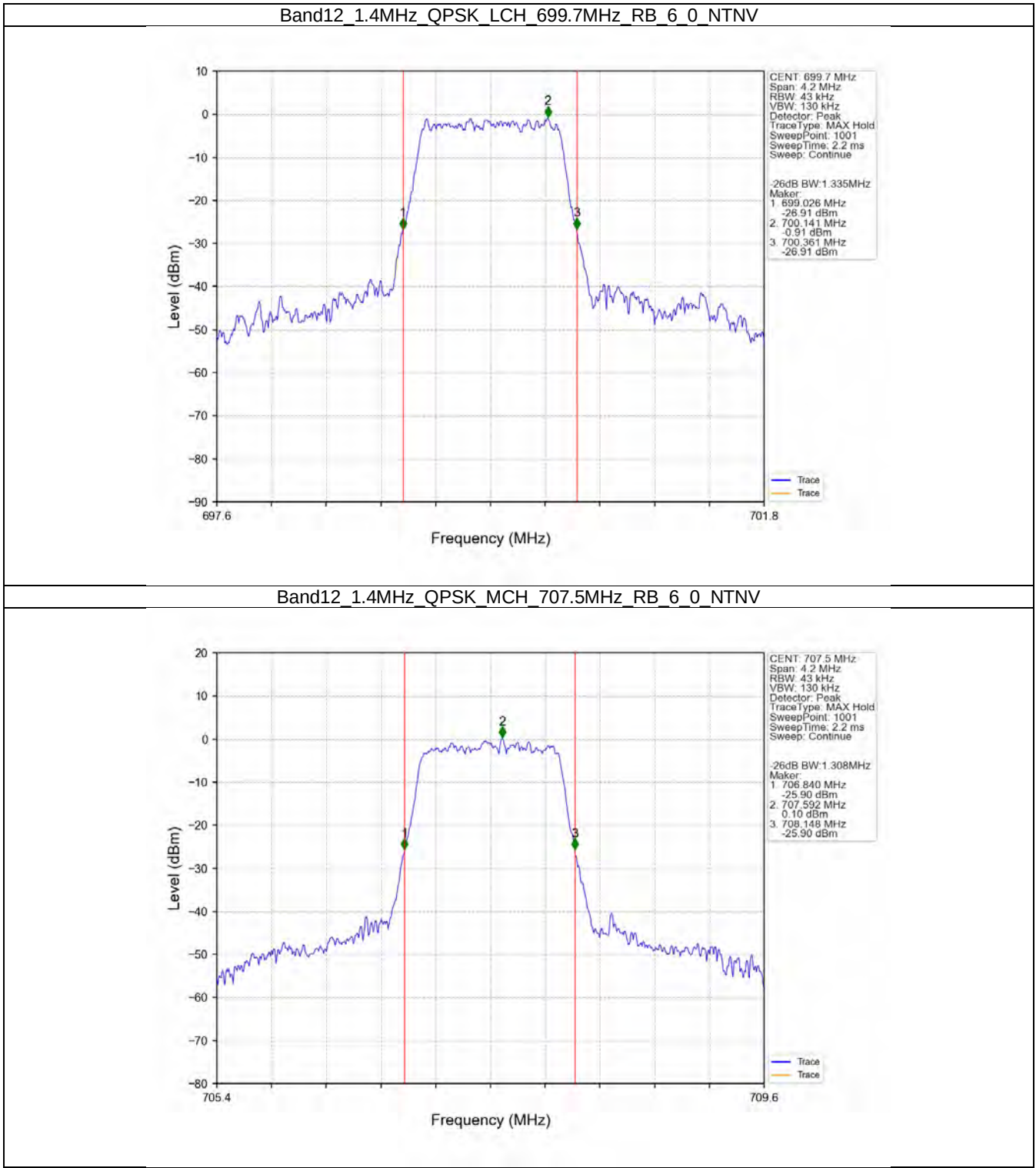
Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



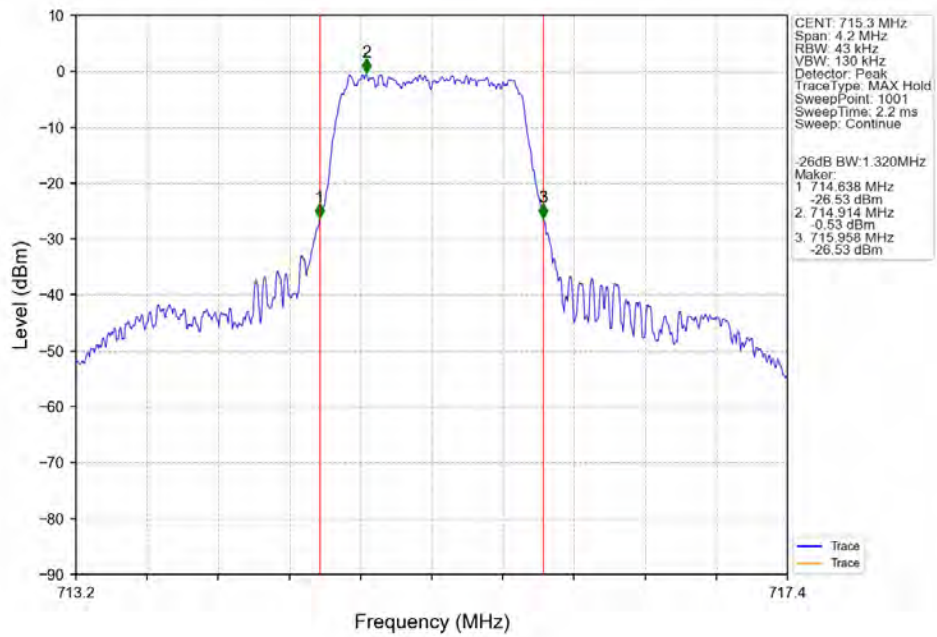
Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV



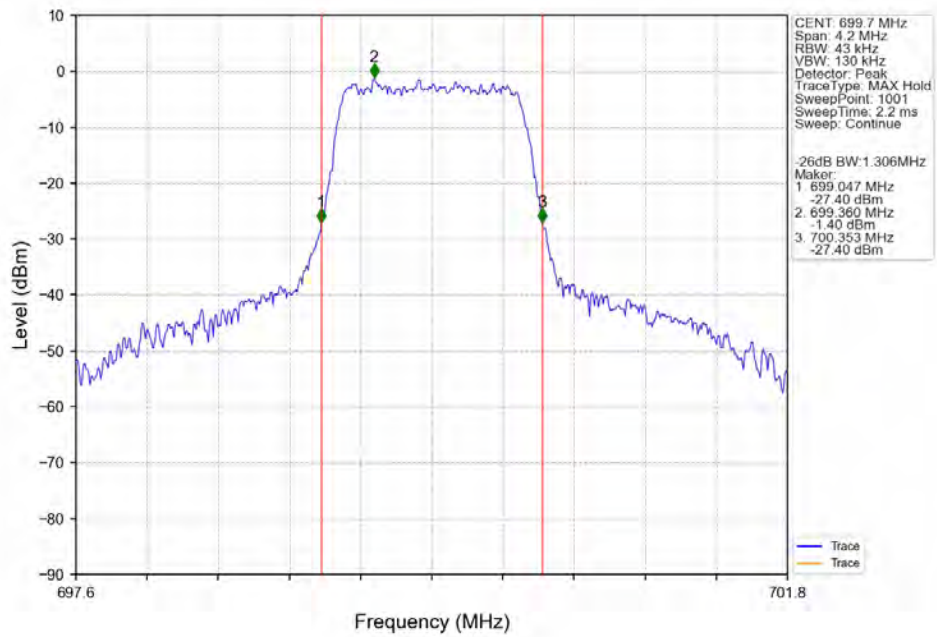
3.2.2 Band12_XDB



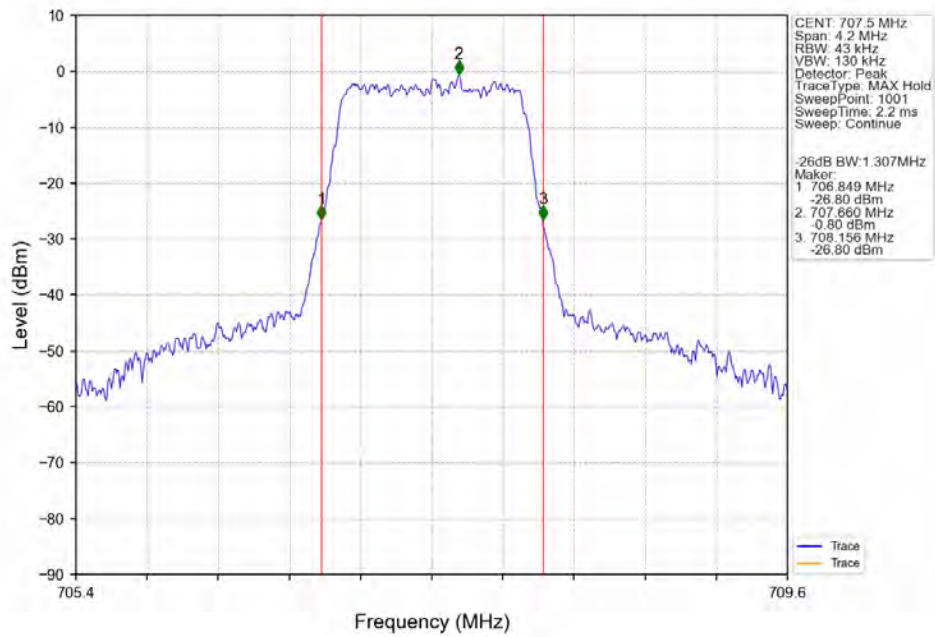
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



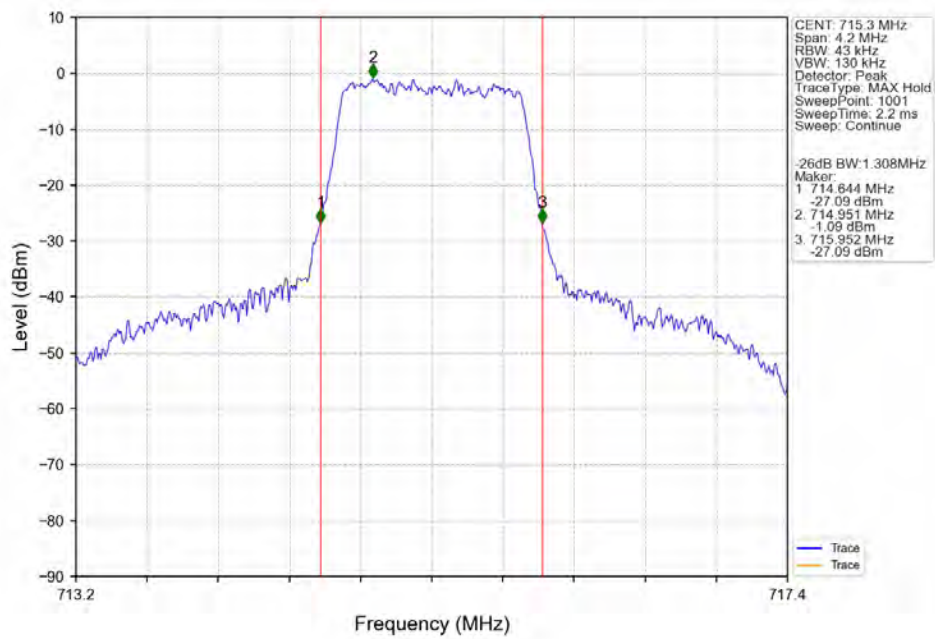
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



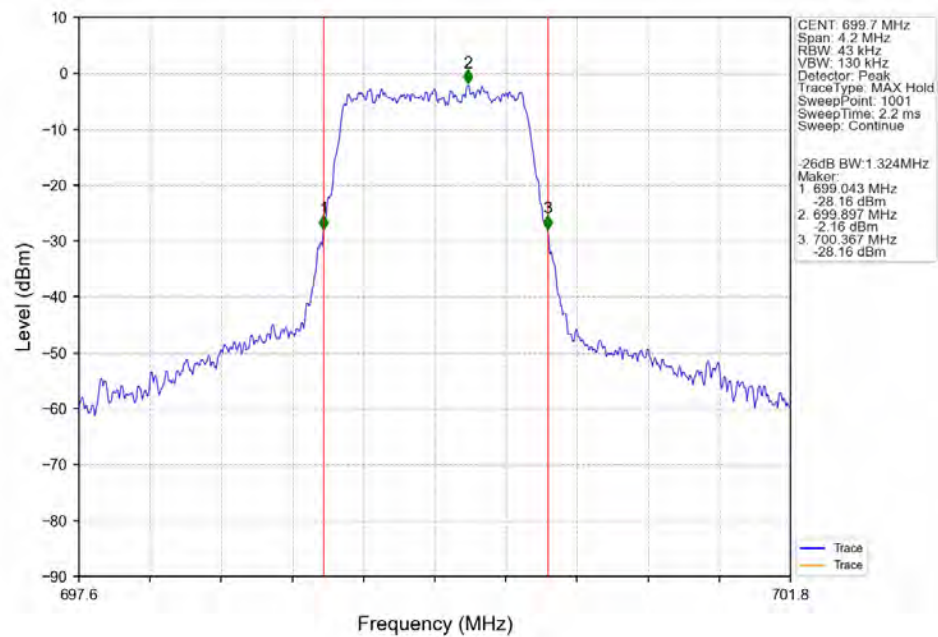
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6 0 NTNV



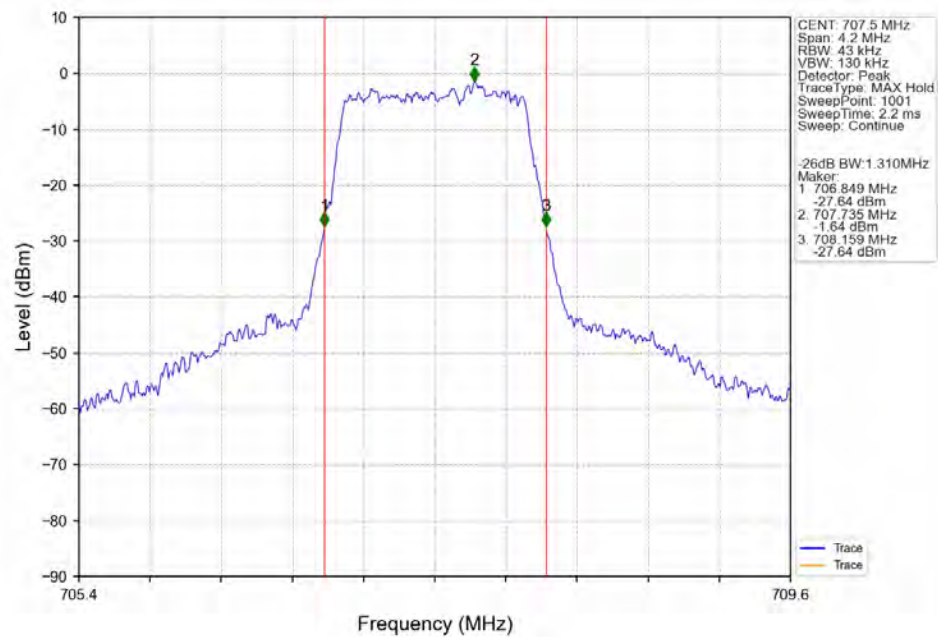
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



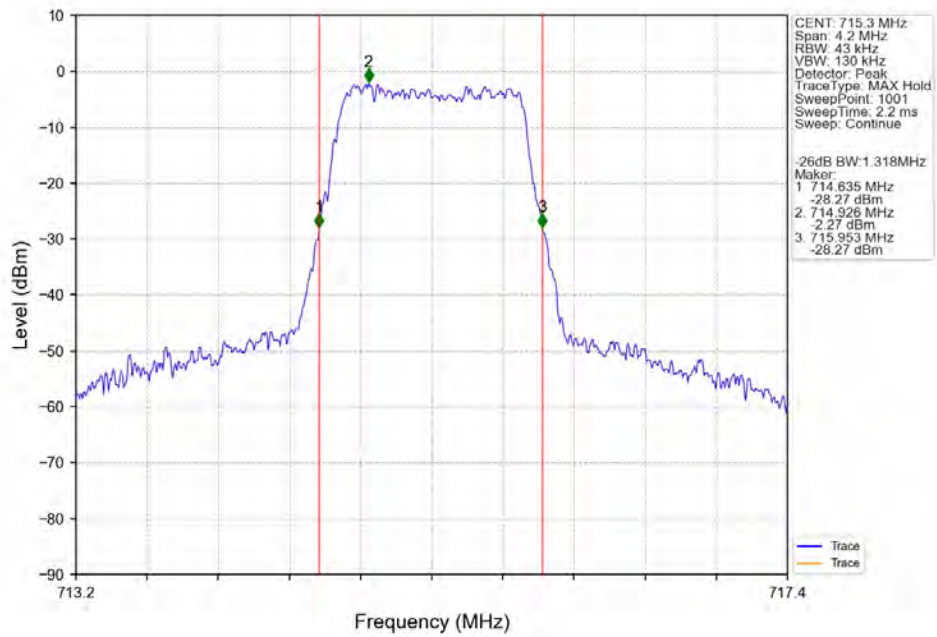
Band12 1.4MHz 64QAM LCH 699.7MHz RB 6 0 NTNV



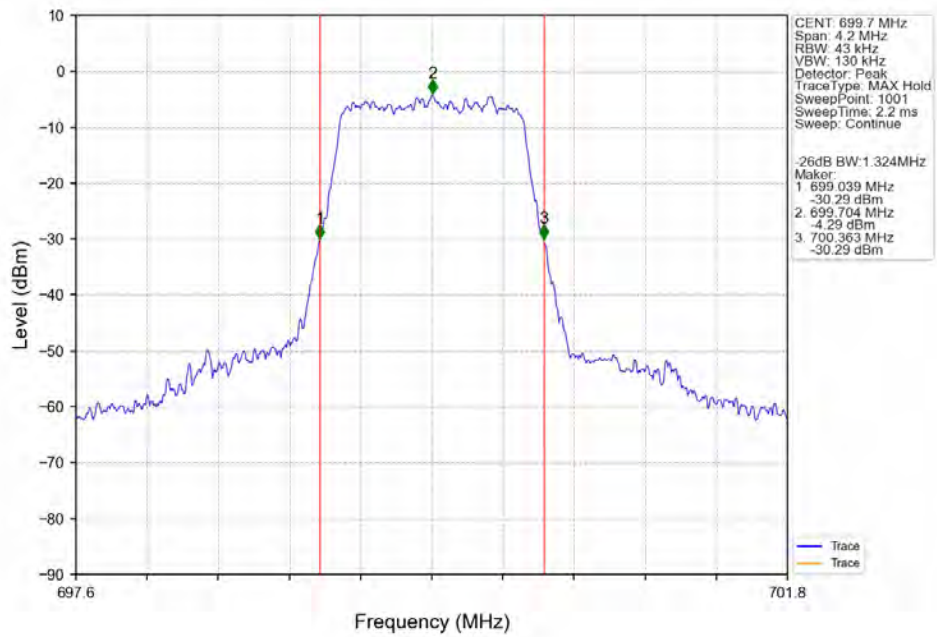
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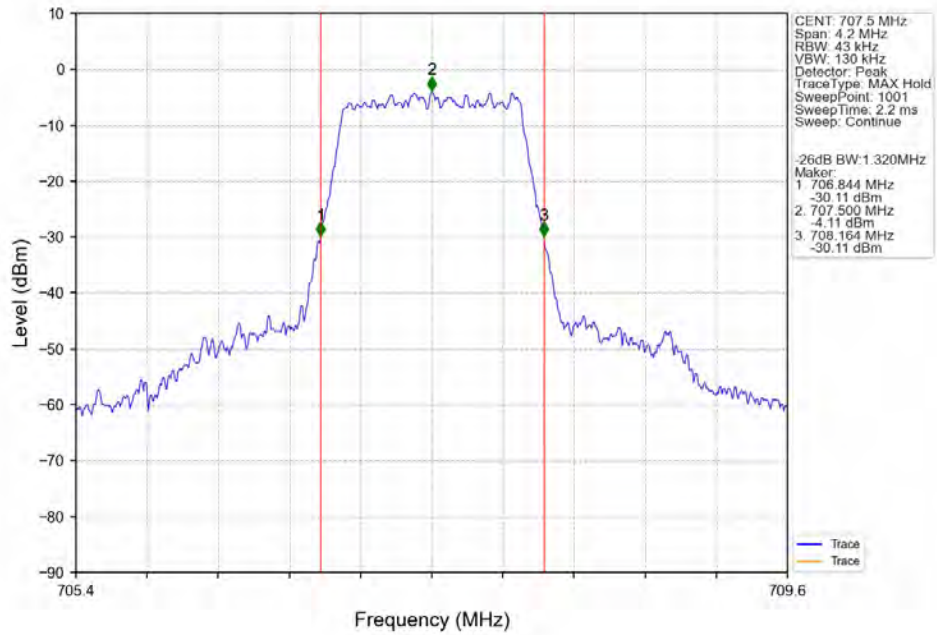
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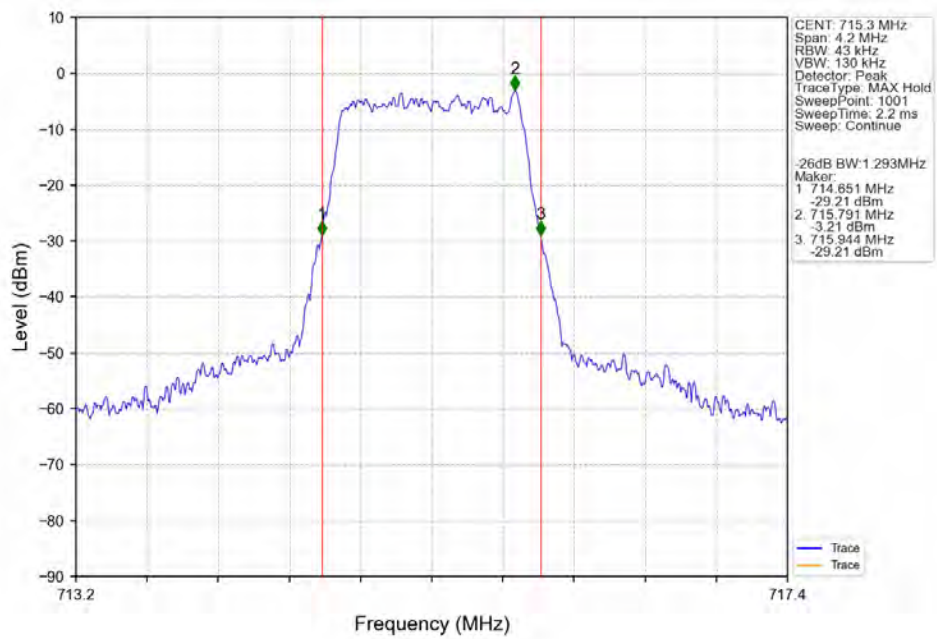
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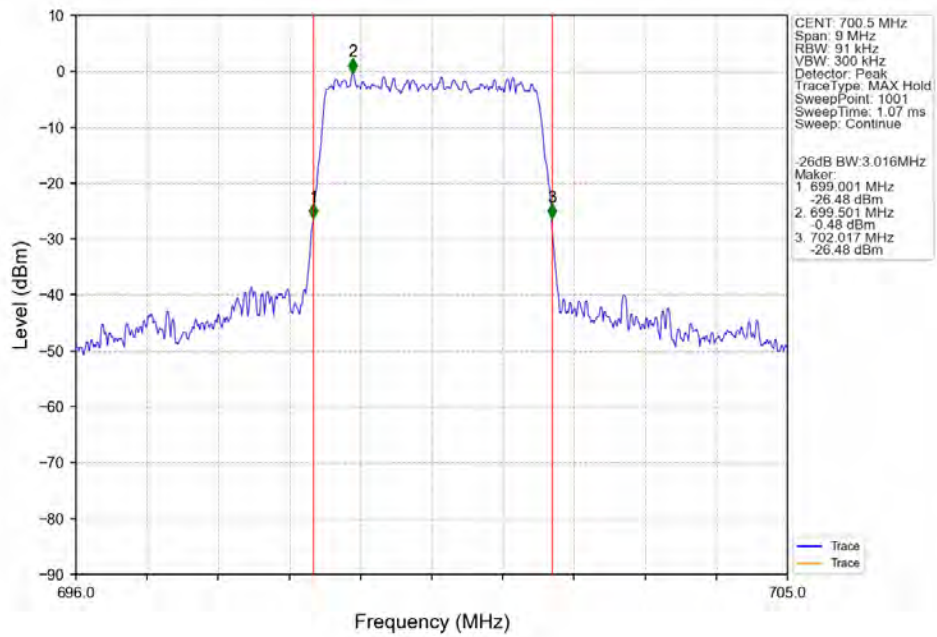
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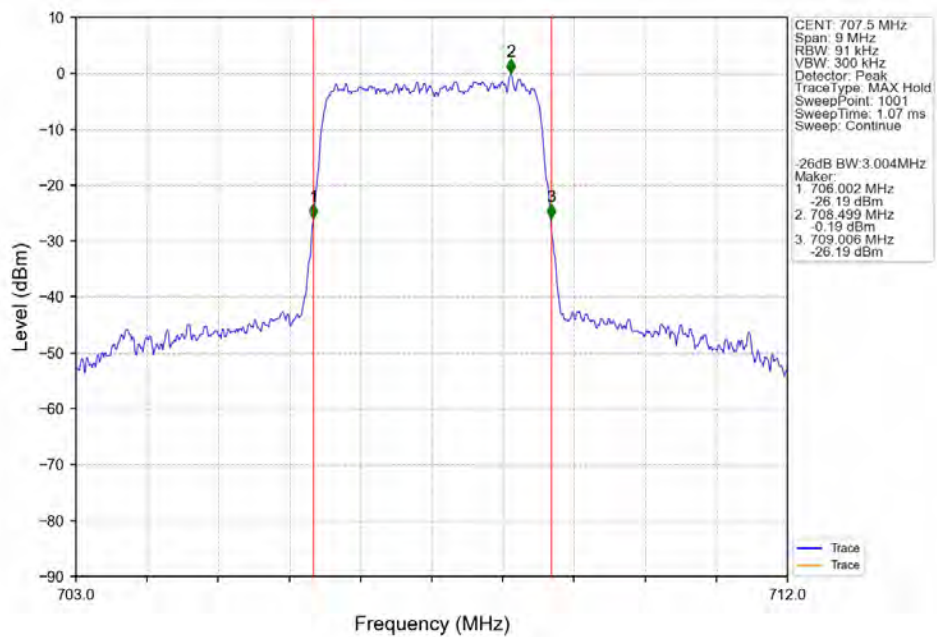
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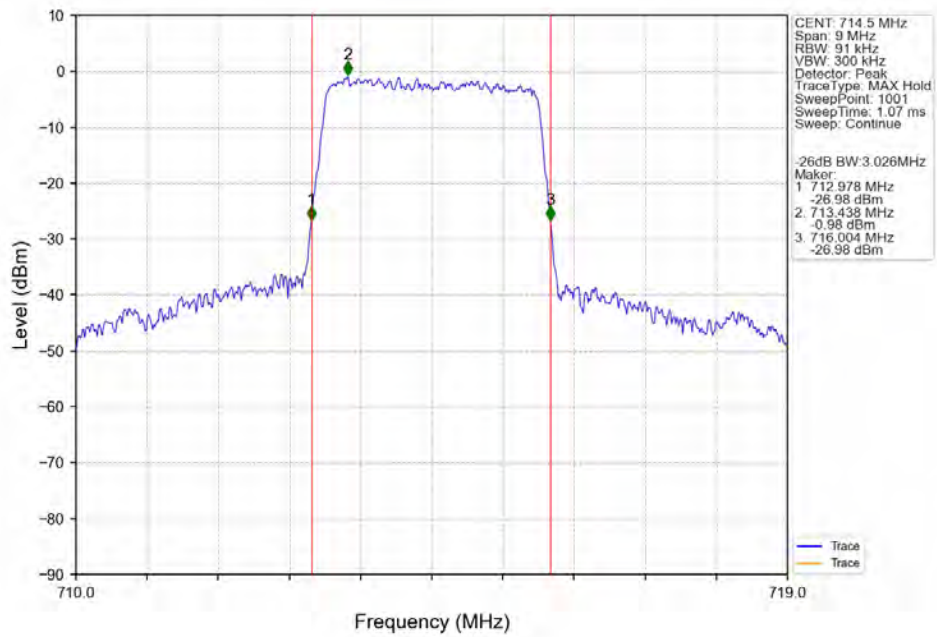
Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTNV



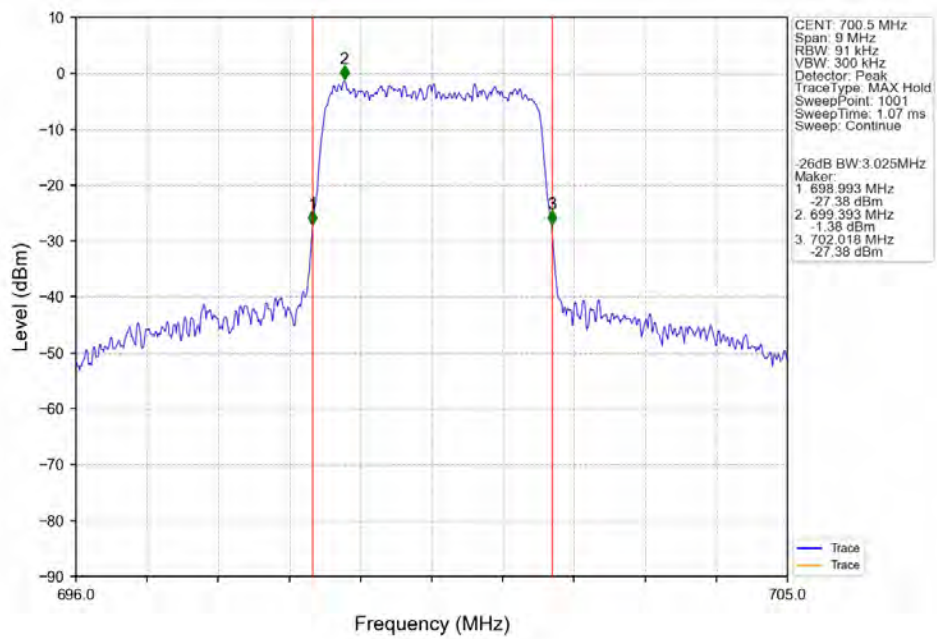
Band12_3MHz_QPSK_MCH_707.5MHz_RB_15_0_NTNV



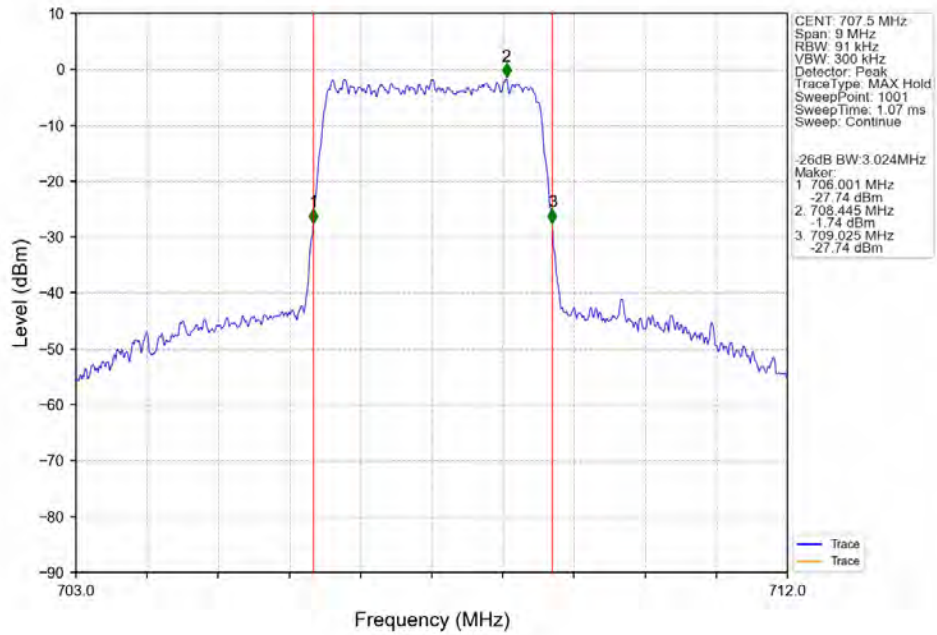
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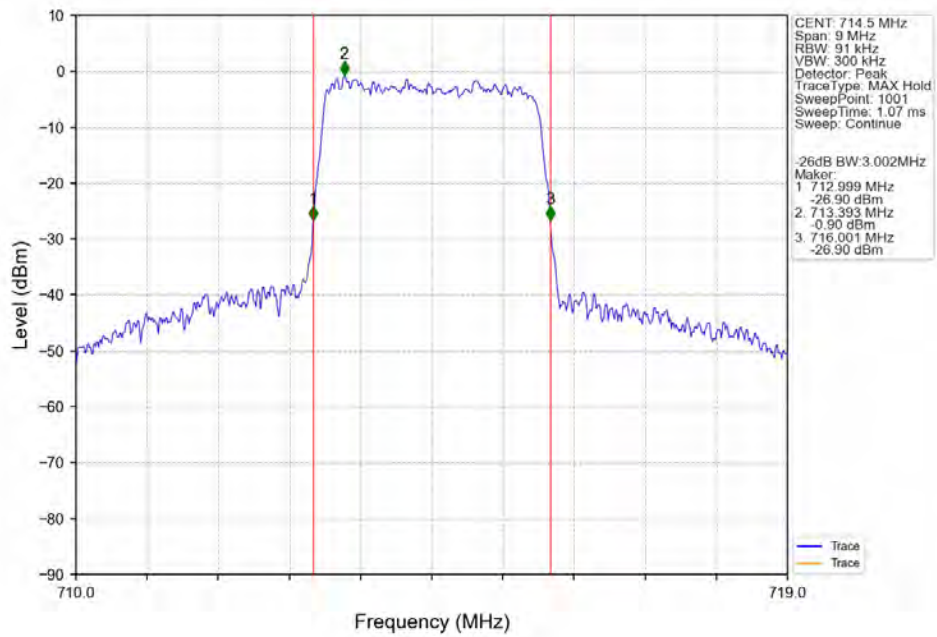
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTNV



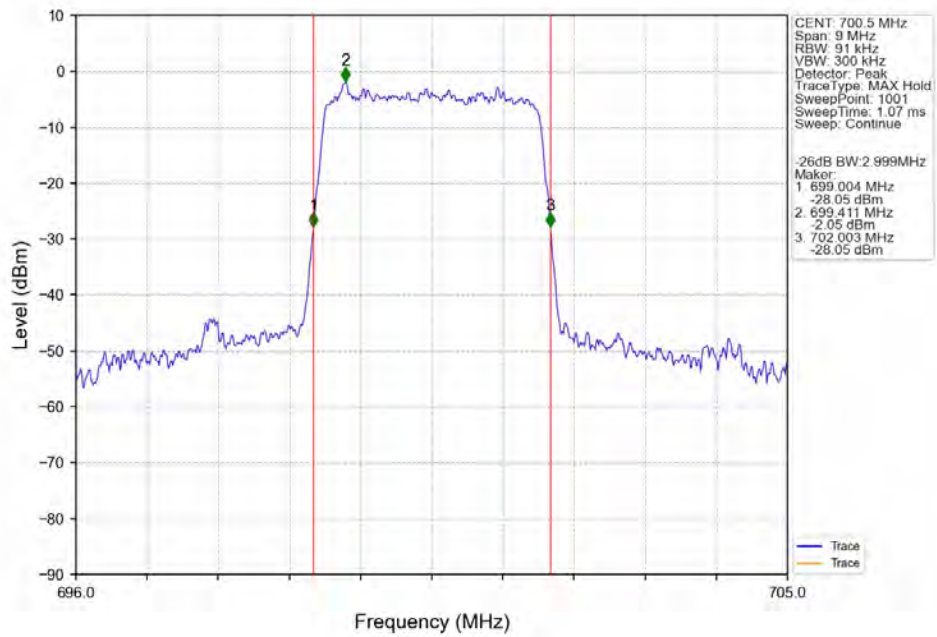
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



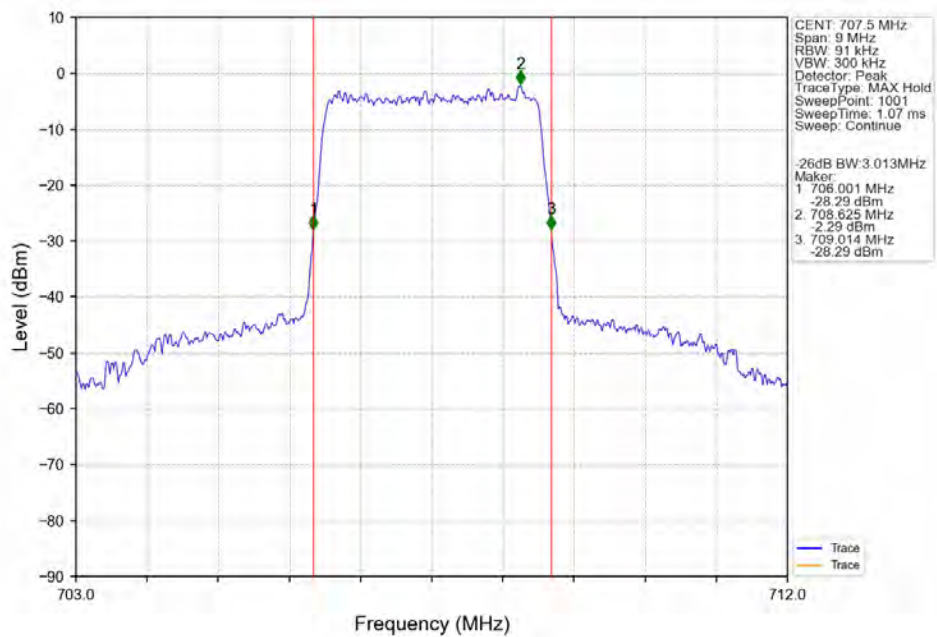
Band12_3MHz_16QAM_HCH_714.5MHz_RB_15_0_NTNV



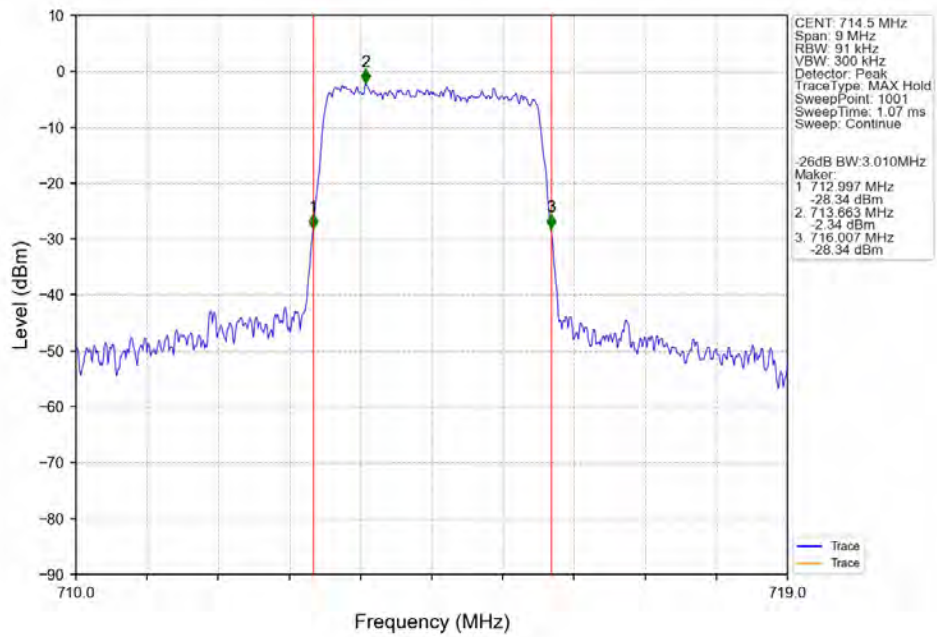
Band12_3MHz_64QAM_LCH_700.5MHz_RB_15_0_NTNV



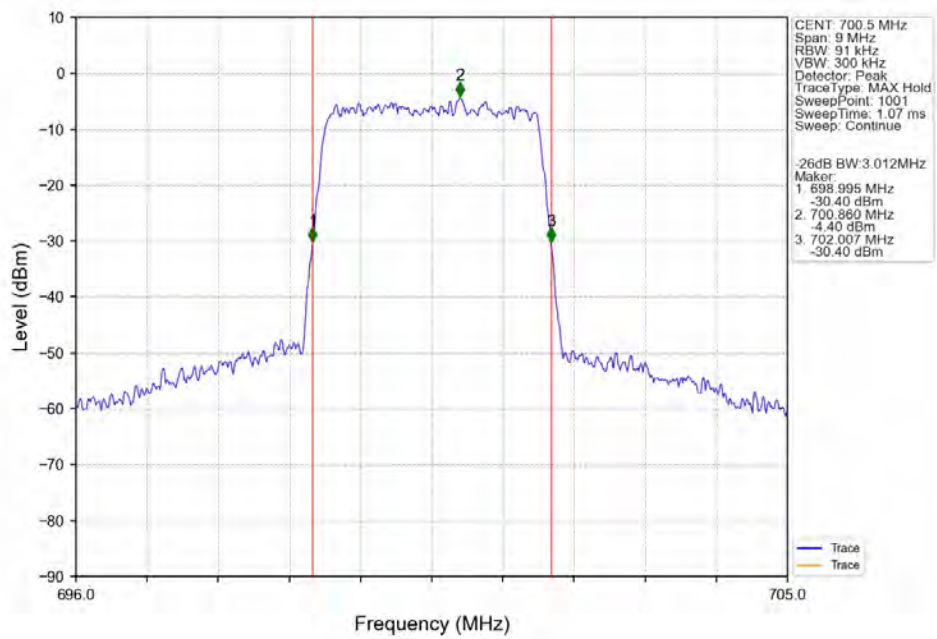
Band12_3MHz_64QAM_MCH_707.5MHz_RB_15_0_NTNV



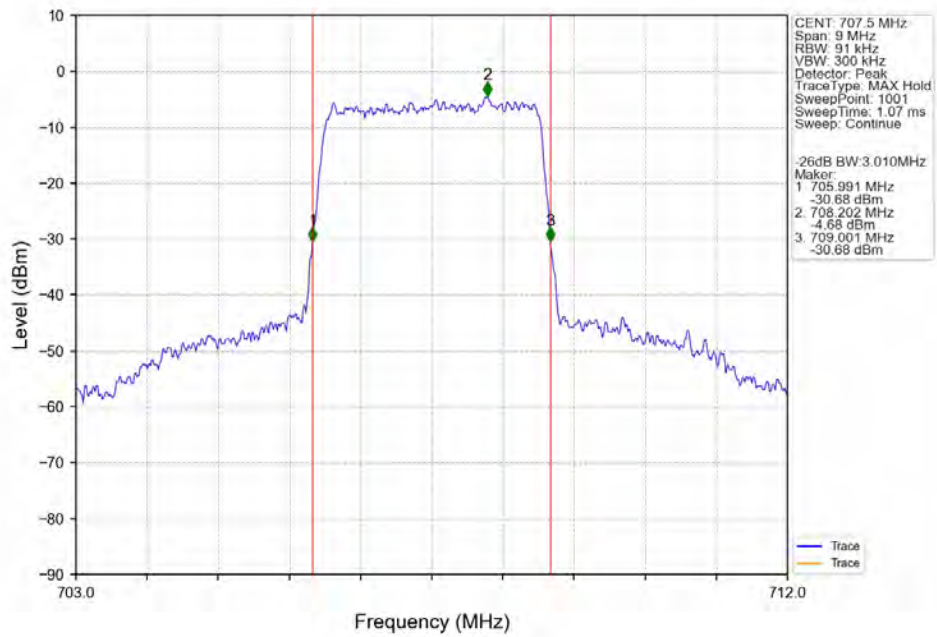
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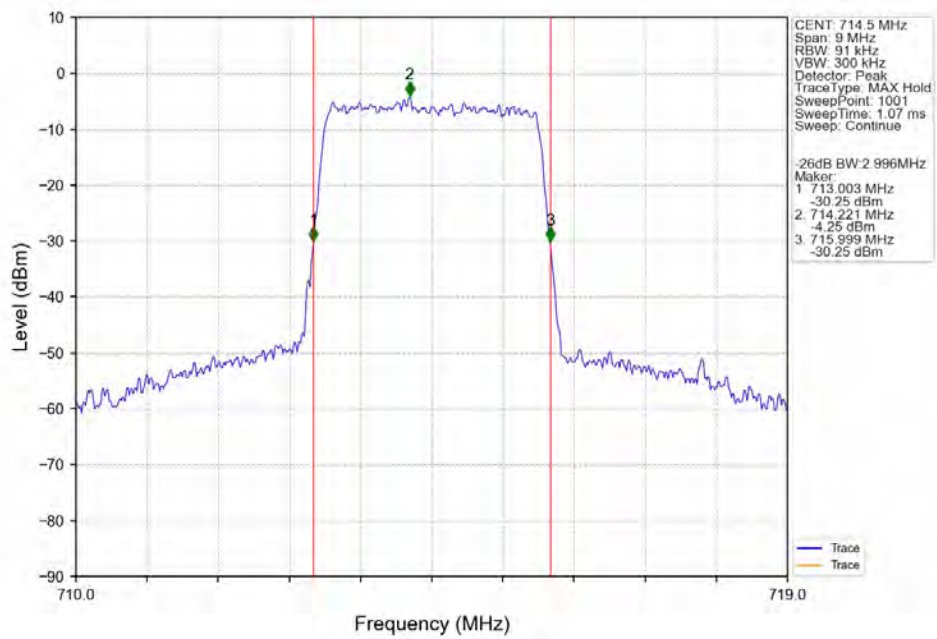
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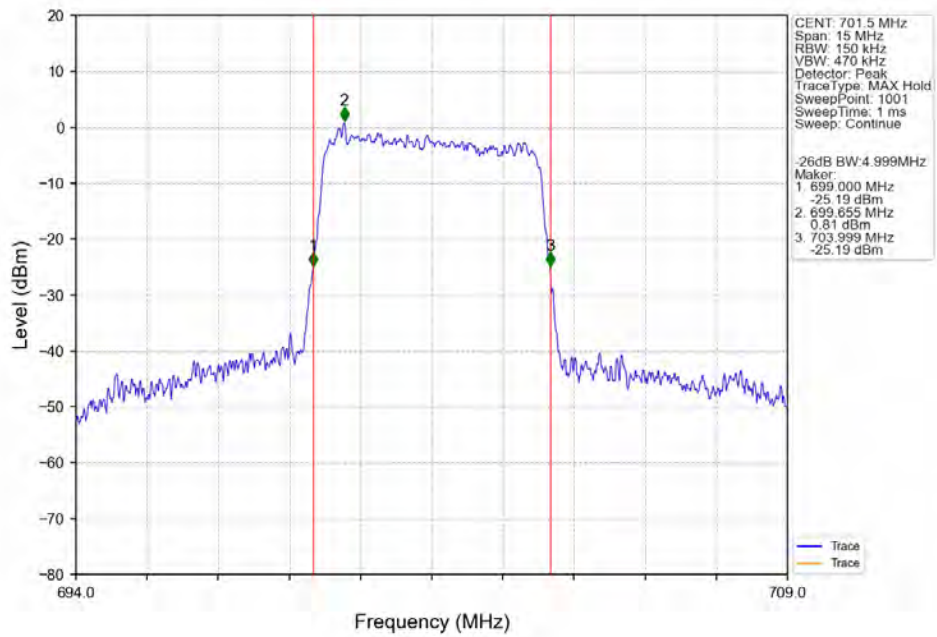
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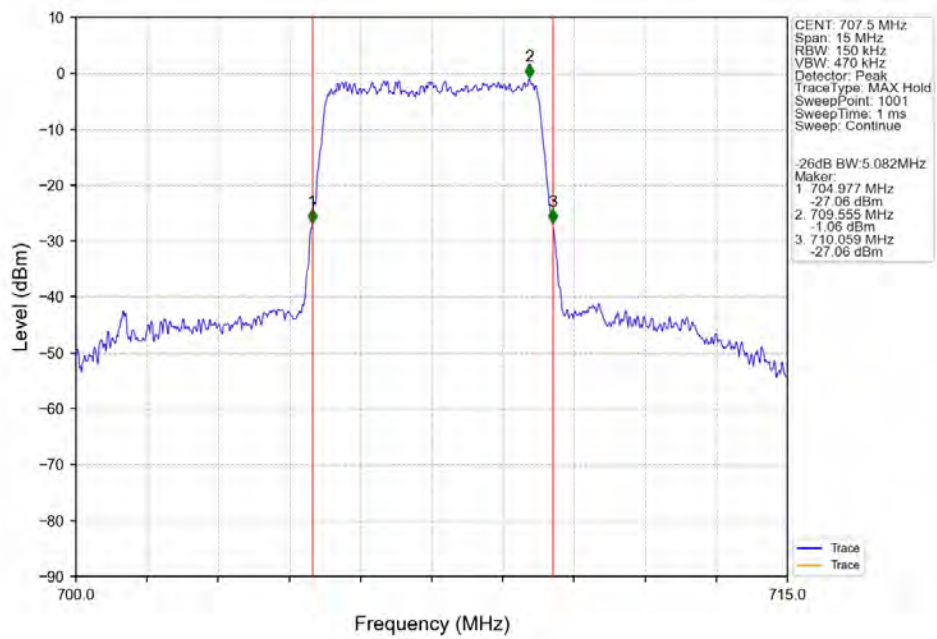
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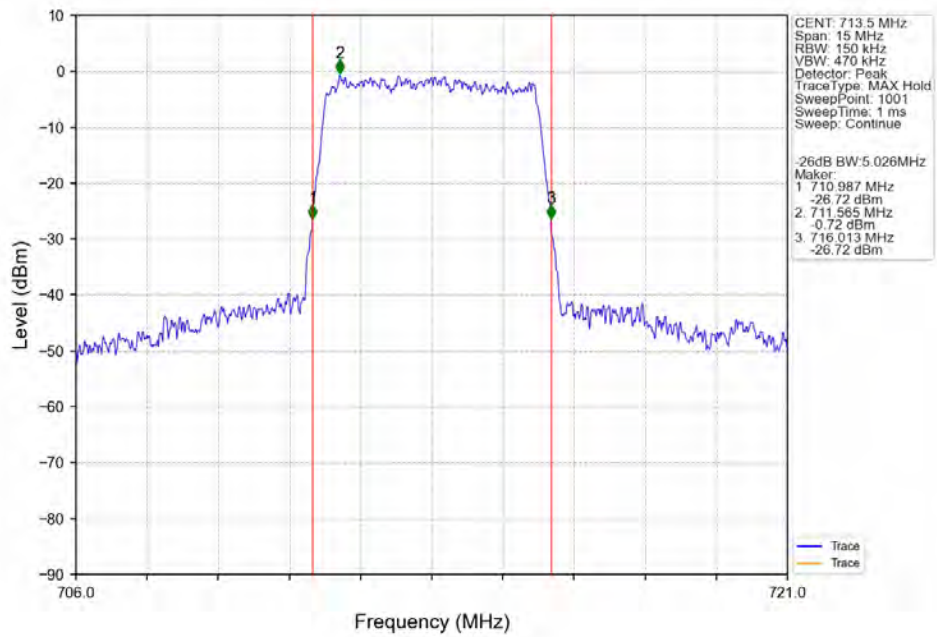
Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTNV



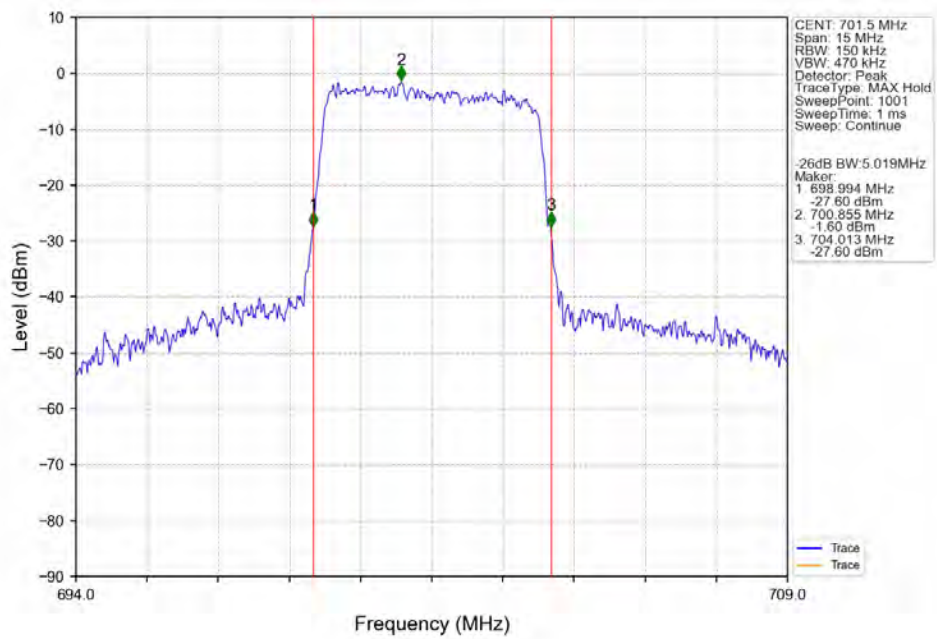
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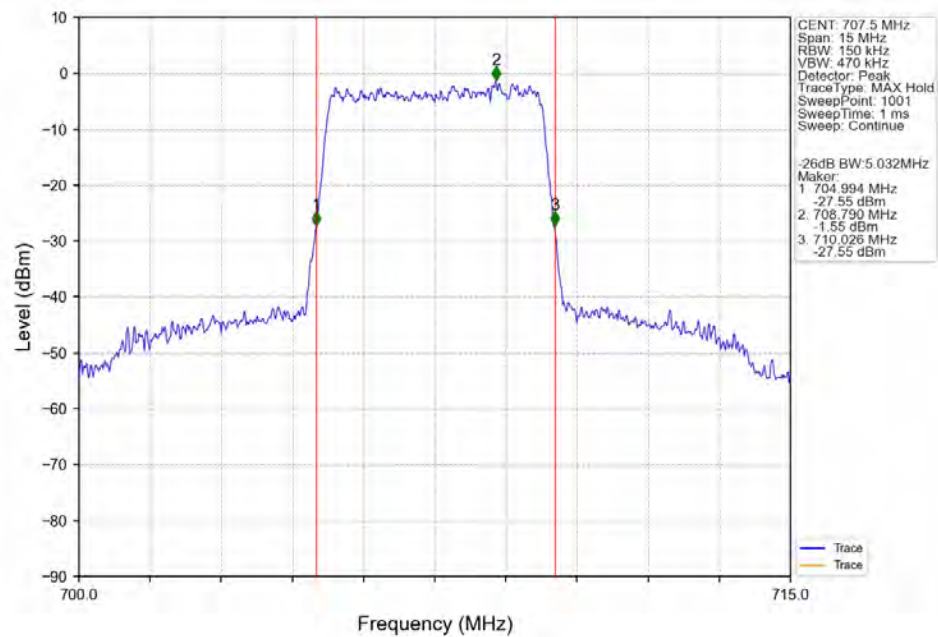
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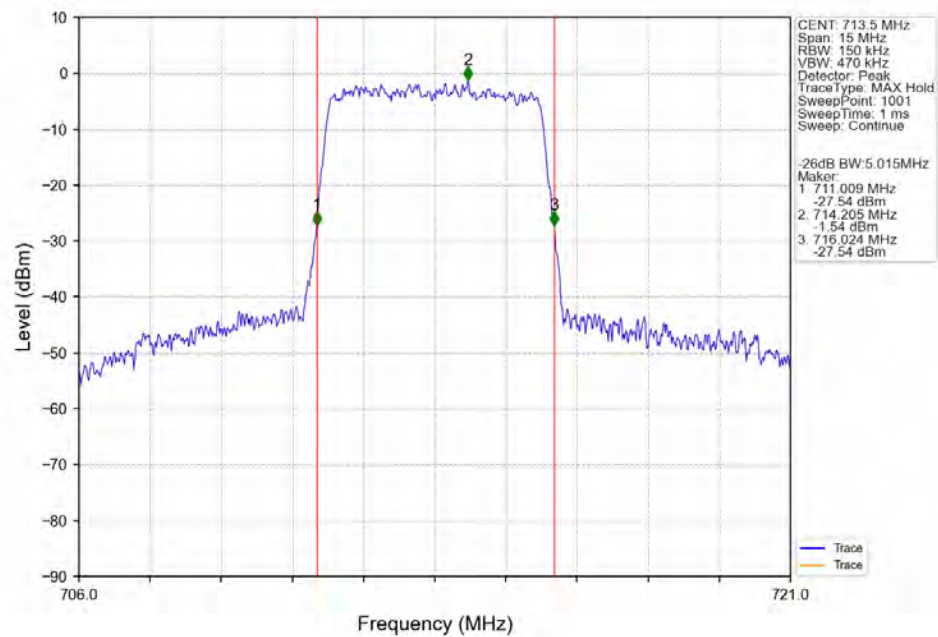
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTNV



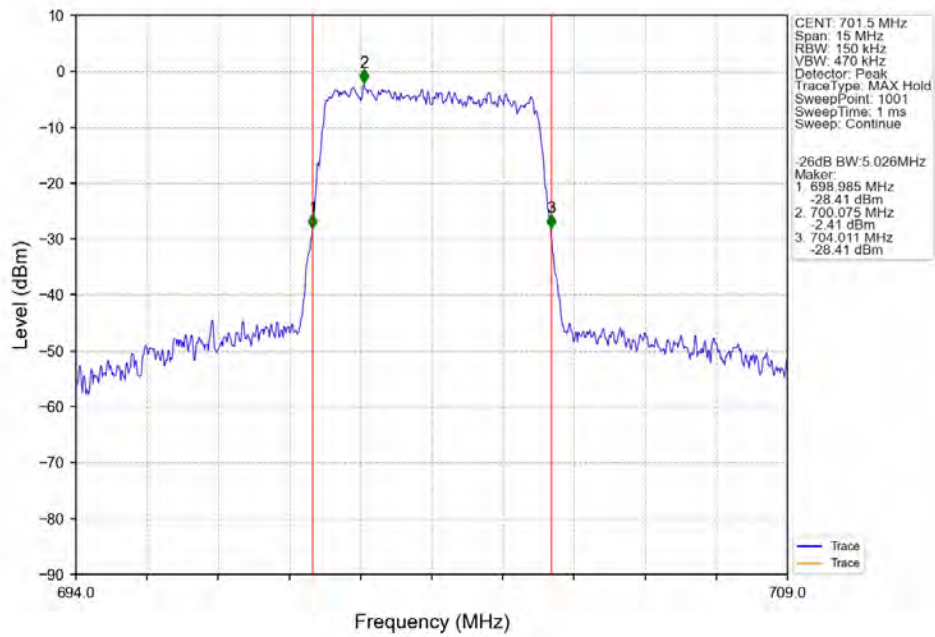
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



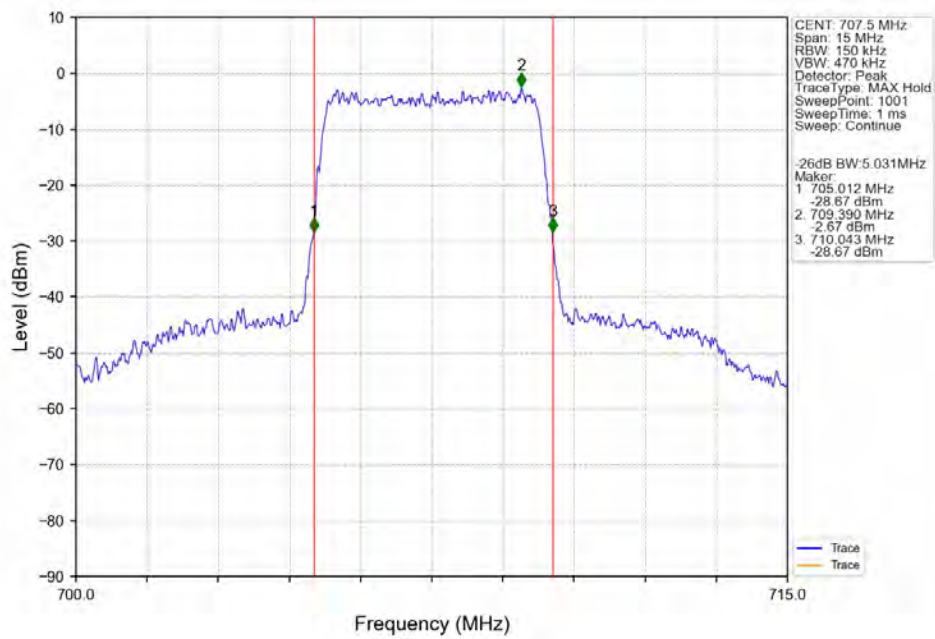
Band12_5MHz_16QAM_HCH_713.5MHz_RB_25_0_NTNV



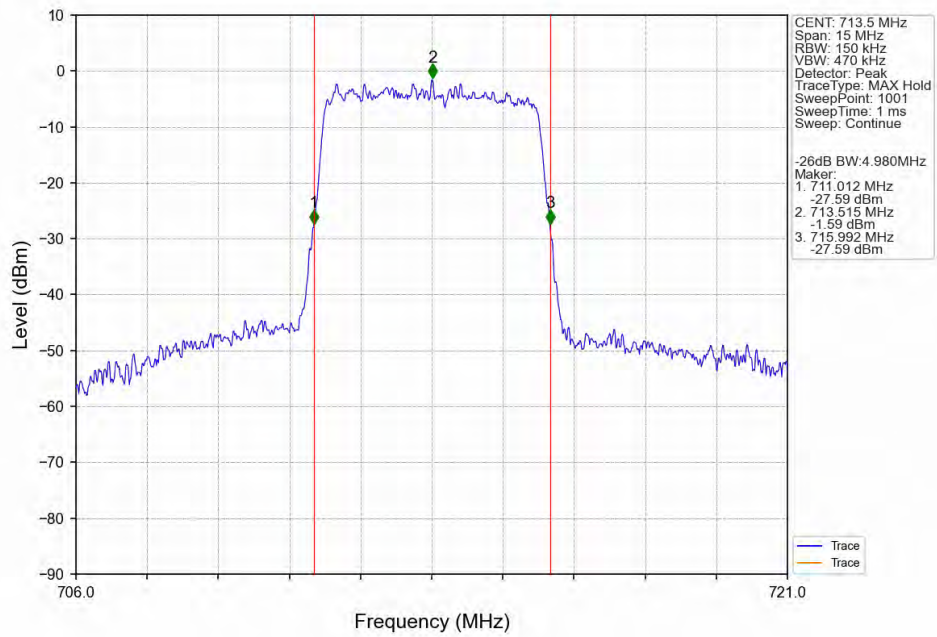
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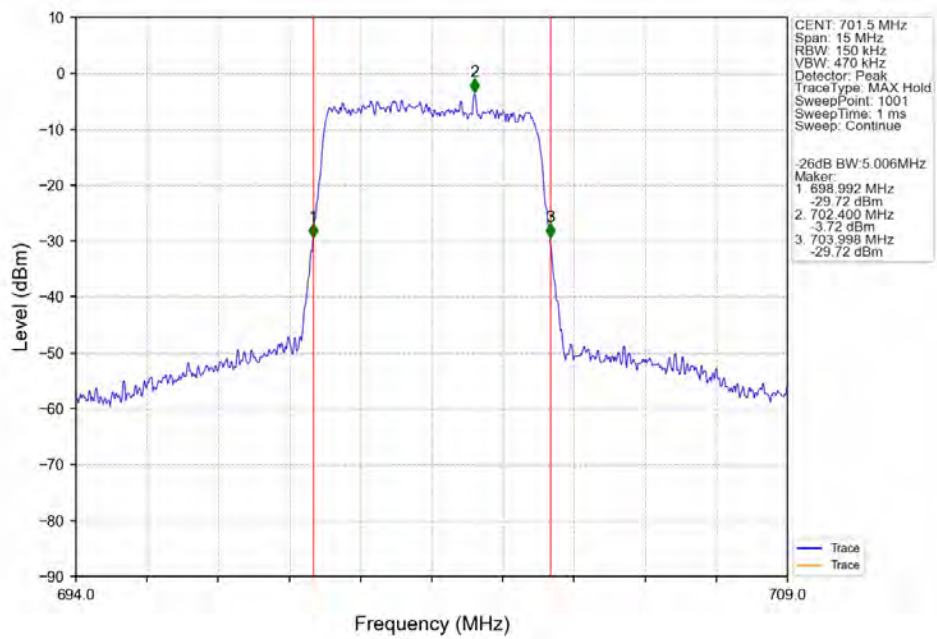
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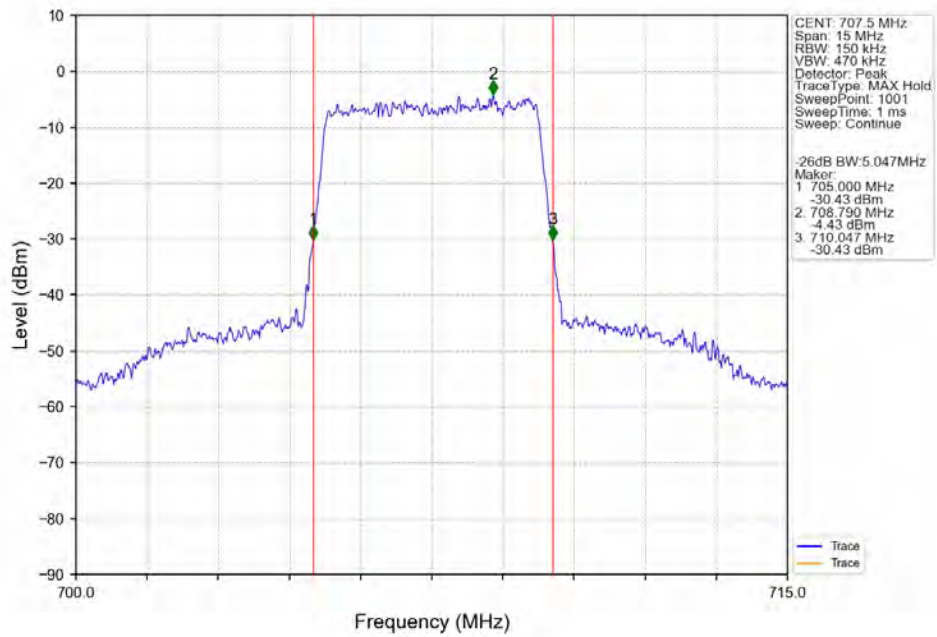
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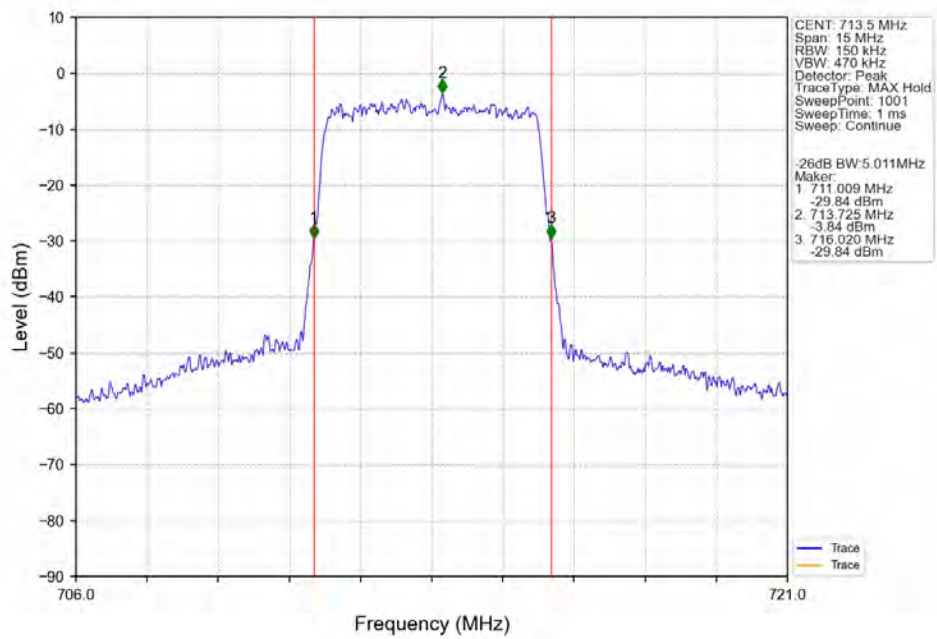
Band12 5MHz 256QAM LCH 701.5MHz RB 25 0 NTNV



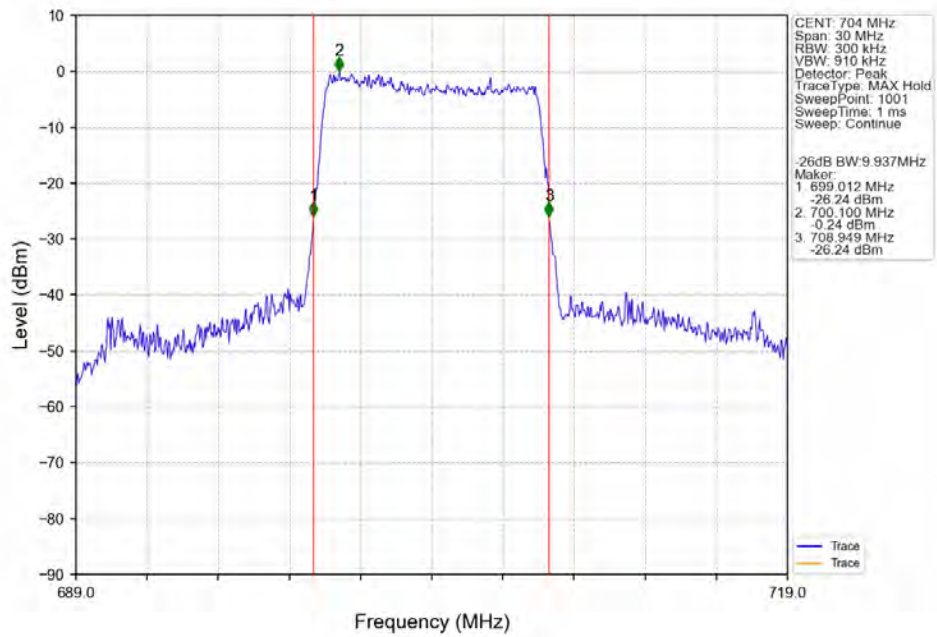
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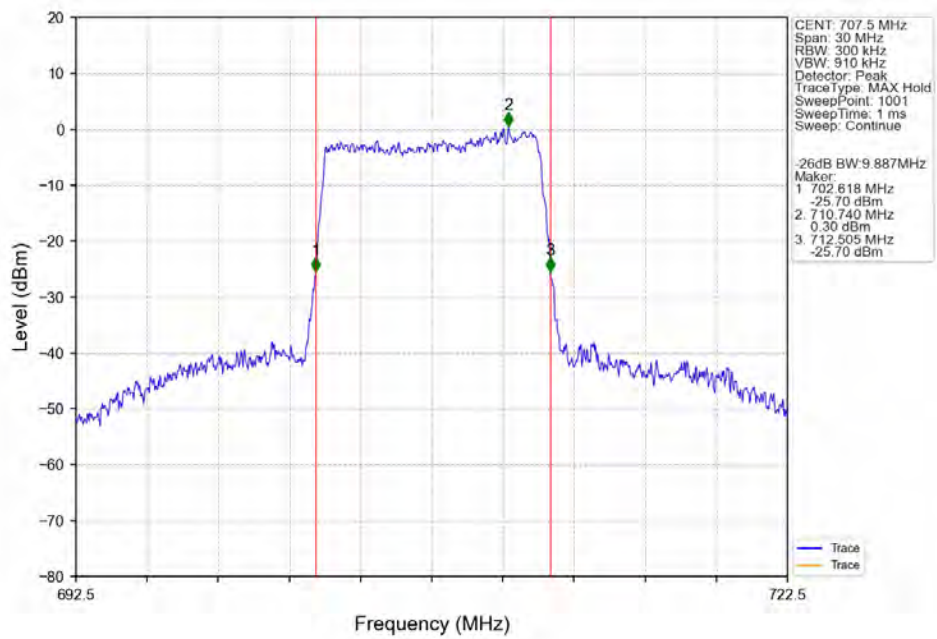
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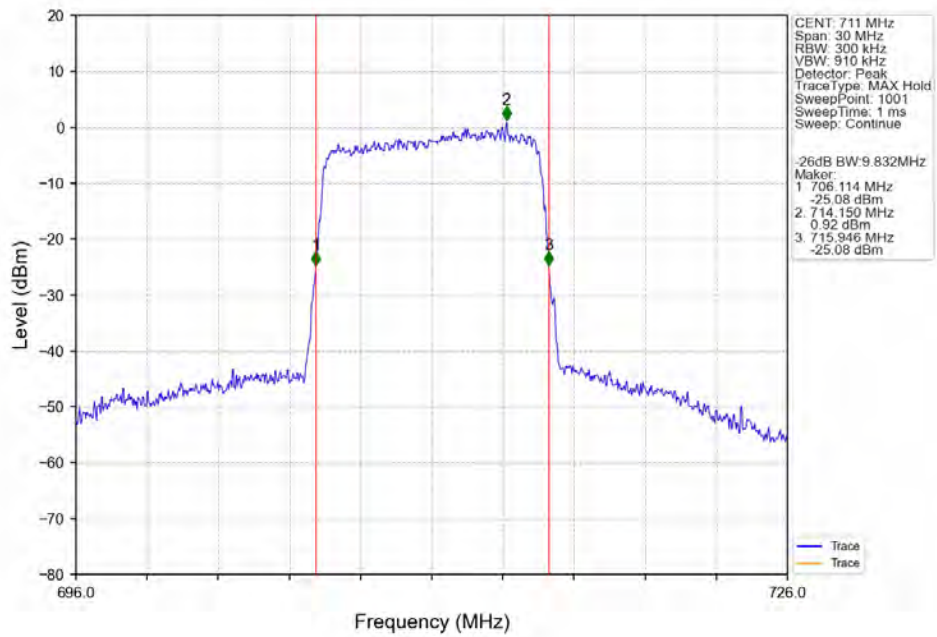
Band12 10MHz QPSK LCH 704MHz RB 50 0 NTNV



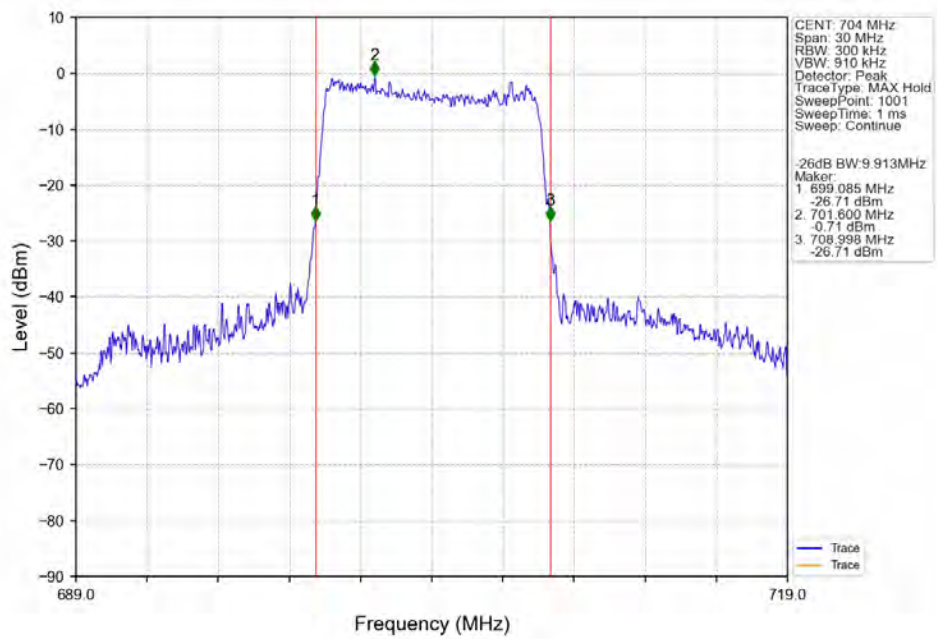
Band12 10MHz QPSK MCH 707.5MHz RB 50 0 NTNV



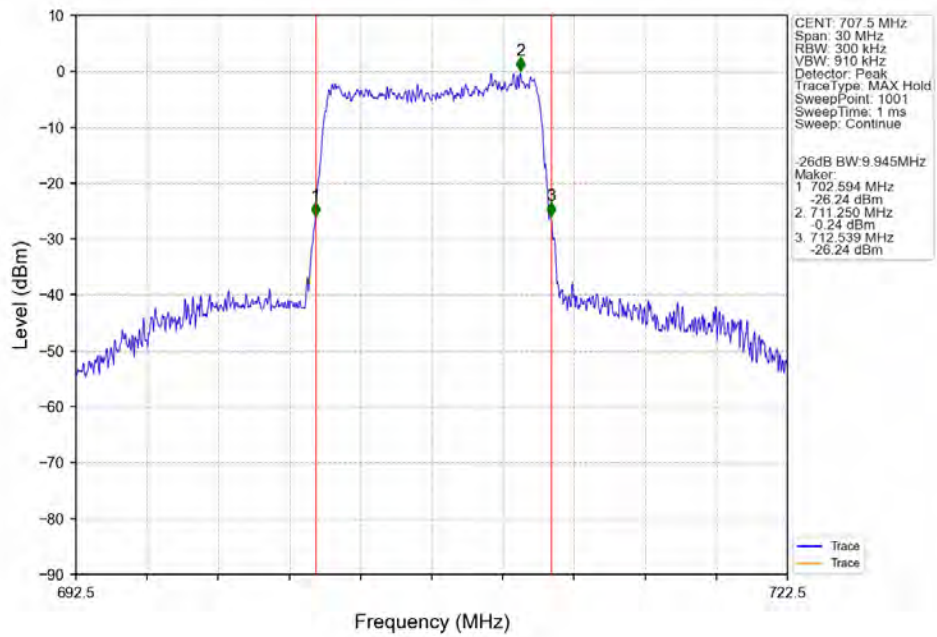
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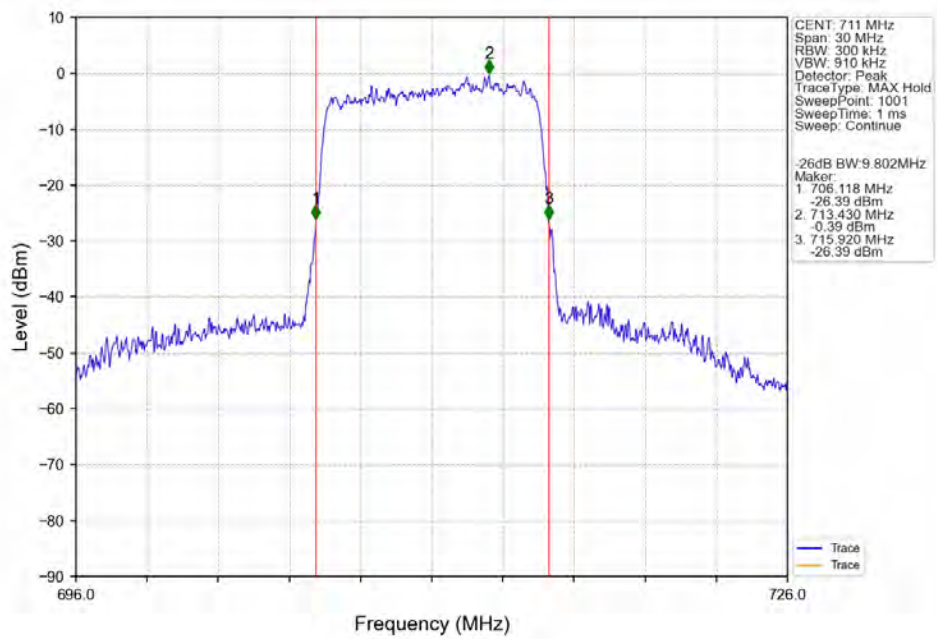
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV



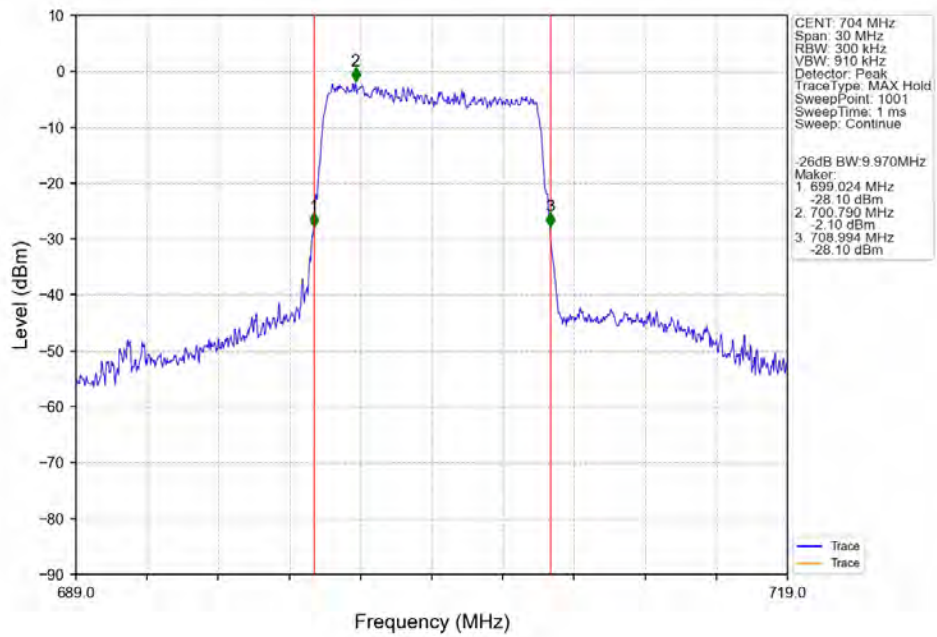
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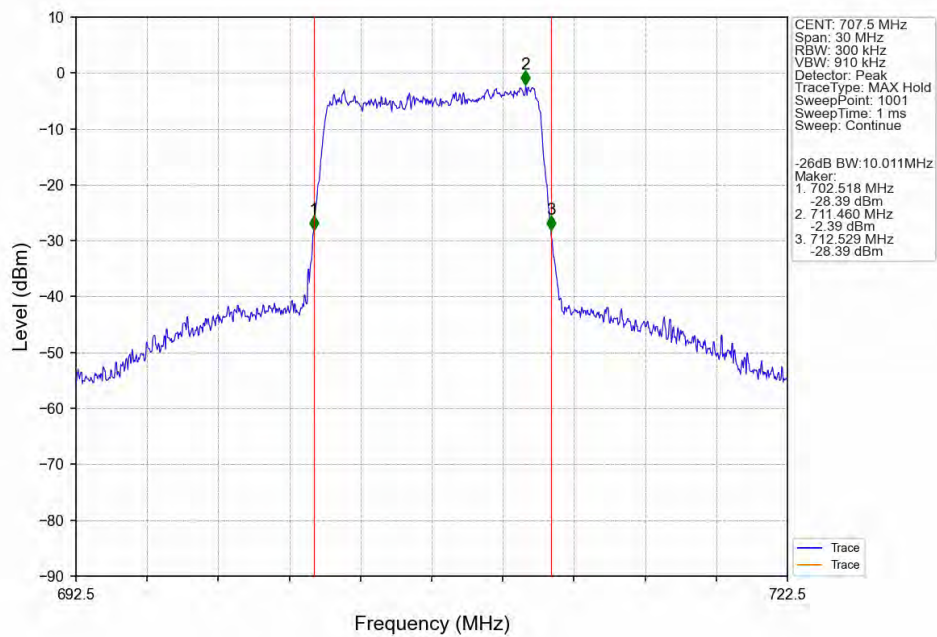
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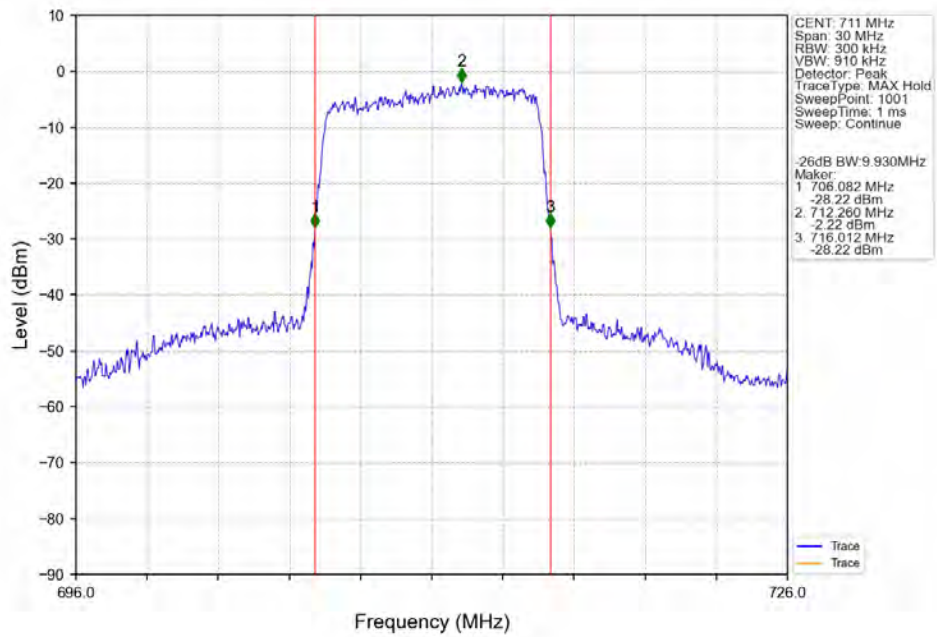
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



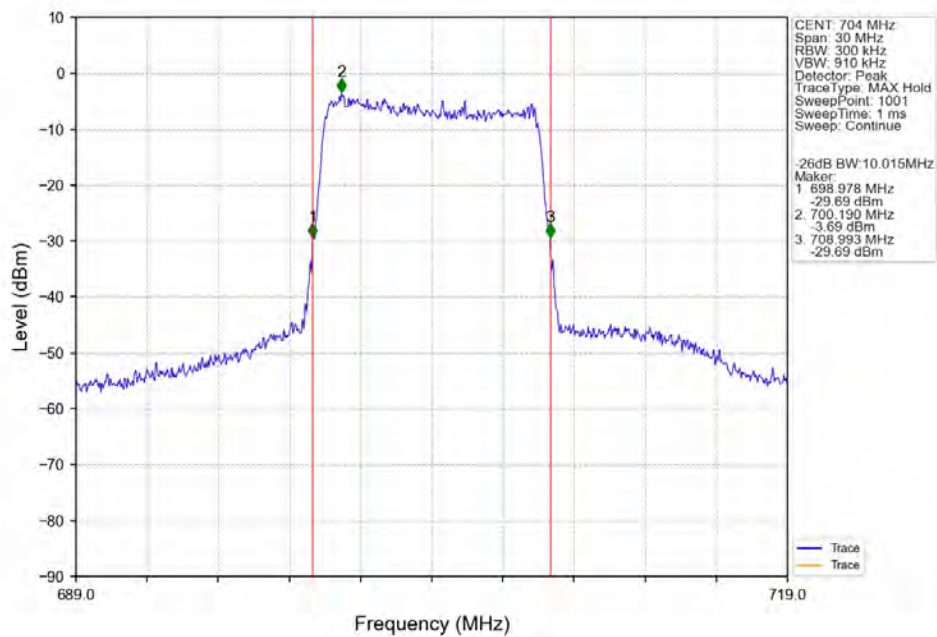
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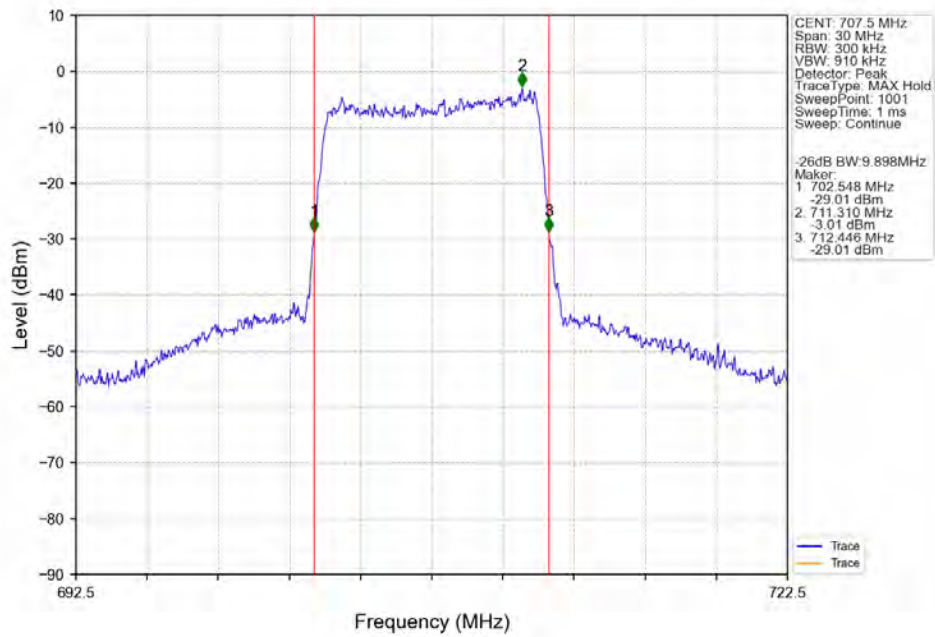
Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



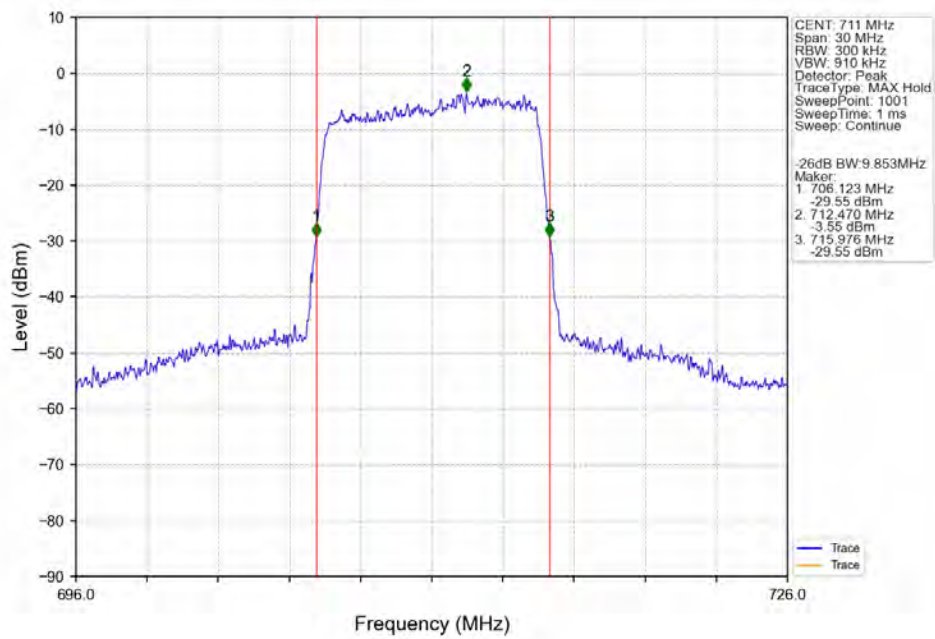
Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	6	0	5.54	<=13	Pass
	707.5	6	0	6.11	<=13	Pass
	715.3	6	0	5.46	<=13	Pass
16QAM	699.7	6	0	6.38	<=13	Pass
	707.5	6	0	6.83	<=13	Pass
	715.3	6	0	6.34	<=13	Pass
64QAM	699.7	6	0	6.65	<=13	Pass
	707.5	6	0	6.82	<=13	Pass
	715.3	6	0	6.61	<=13	Pass
256QAM	699.7	6	0	6.94	<=13	Pass
	707.5	6	0	7.08	<=13	Pass
	715.3	6	0	6.94	<=13	Pass

4.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	15	0	5.52	<=13	Pass
	707.5	15	0	6.12	<=13	Pass
	714.5	15	0	5.44	<=13	Pass
16QAM	700.5	15	0	6.35	<=13	Pass
	707.5	15	0	6.83	<=13	Pass
	714.5	15	0	6.24	<=13	Pass
64QAM	700.5	15	0	6.63	<=13	Pass
	707.5	15	0	6.82	<=13	Pass
	714.5	15	0	6.55	<=13	Pass
256QAM	700.5	15	0	6.74	<=13	Pass
	707.5	15	0	6.93	<=13	Pass
	714.5	15	0	6.71	<=13	Pass

4.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	701.5	25	0	5.49	<=13	Pass
	707.5	25	0	6.05	<=13	Pass
	713.5	25	0	5.56	<=13	Pass
16QAM	701.5	25	0	6.25	<=13	Pass
	707.5	25	0	6.62	<=13	Pass
	713.5	25	0	6.23	<=13	Pass
64QAM	701.5	25	0	6.61	<=13	Pass

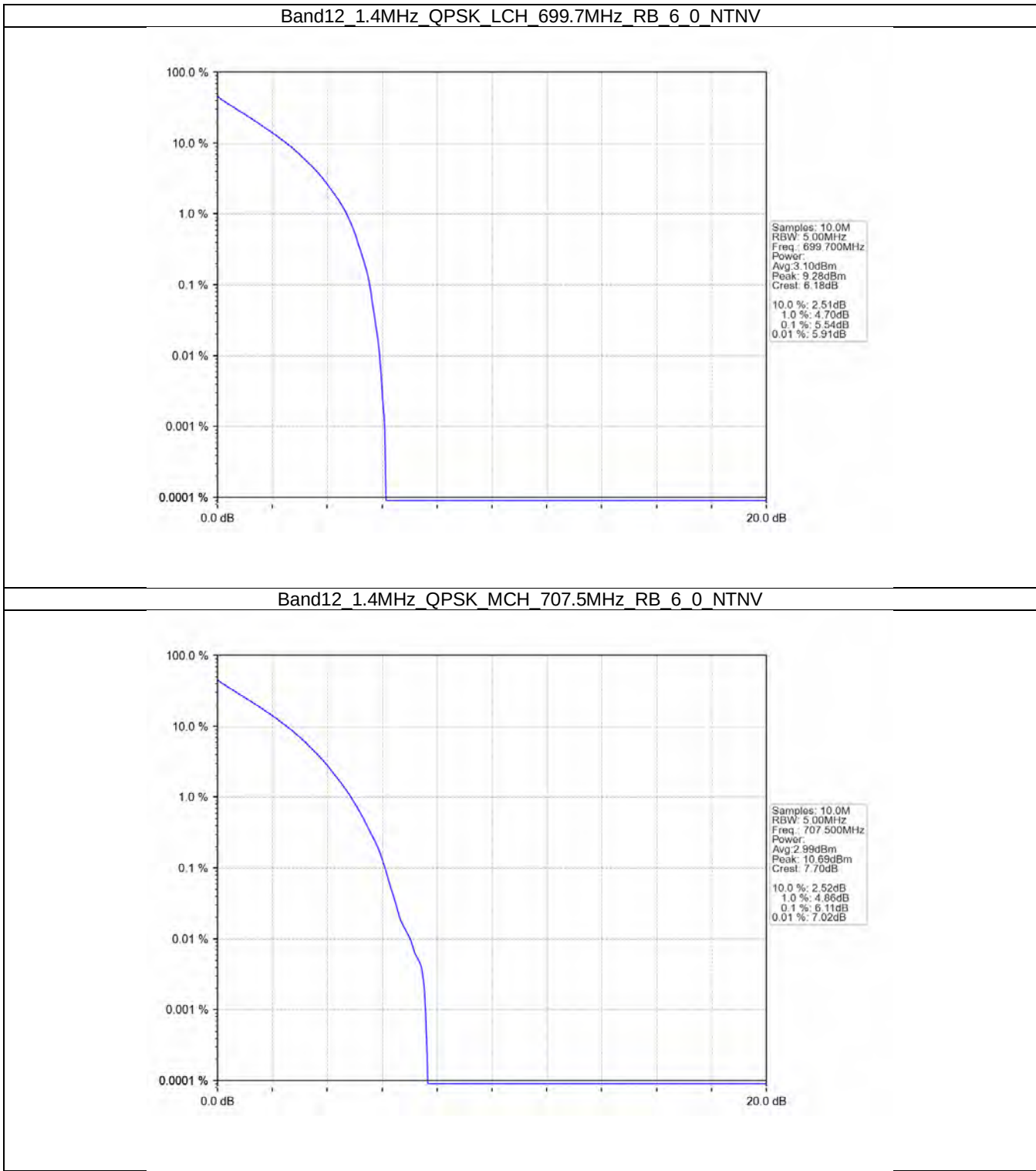
256QAM	707.5	25	0	6.80	<=13	Pass
	713.5	25	0	6.58	<=13	Pass
	701.5	25	0	6.72	<=13	Pass
	707.5	25	0	6.88	<=13	Pass
	713.5	25	0	6.67	<=13	Pass

4.1.4 B12_10MHz

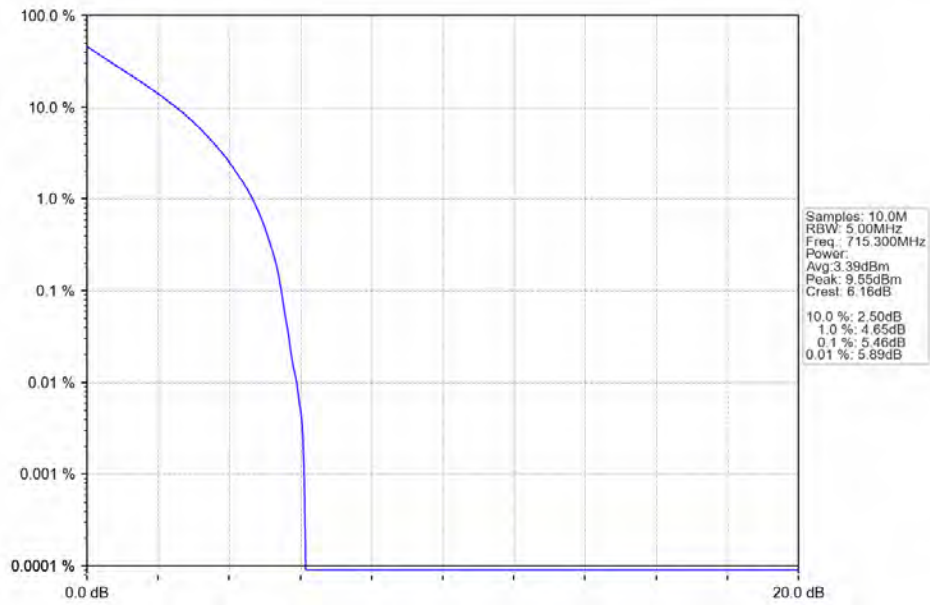
Band: 12 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	704	50	0	5.98	<=13	Pass
	707.5	50	0	5.99	<=13	Pass
	711	50	0	5.69	<=13	Pass
16QAM	704	50	0	6.59	<=13	Pass
	707.5	50	0	6.63	<=13	Pass
	711	50	0	6.38	<=13	Pass
64QAM	704	50	0	6.77	<=13	Pass
	707.5	50	0	6.81	<=13	Pass
	711	50	0	6.62	<=13	Pass
256QAM	704	50	0	6.85	<=13	Pass
	707.5	50	0	6.90	<=13	Pass
	711	50	0	6.70	<=13	Pass

4.2 Test Graph

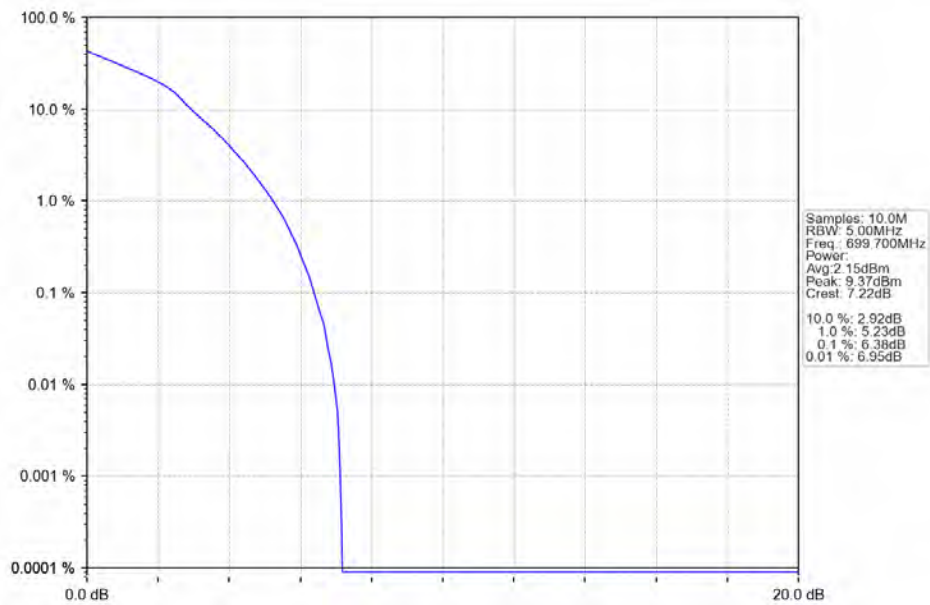
4.2.1 B12_1.4MHz



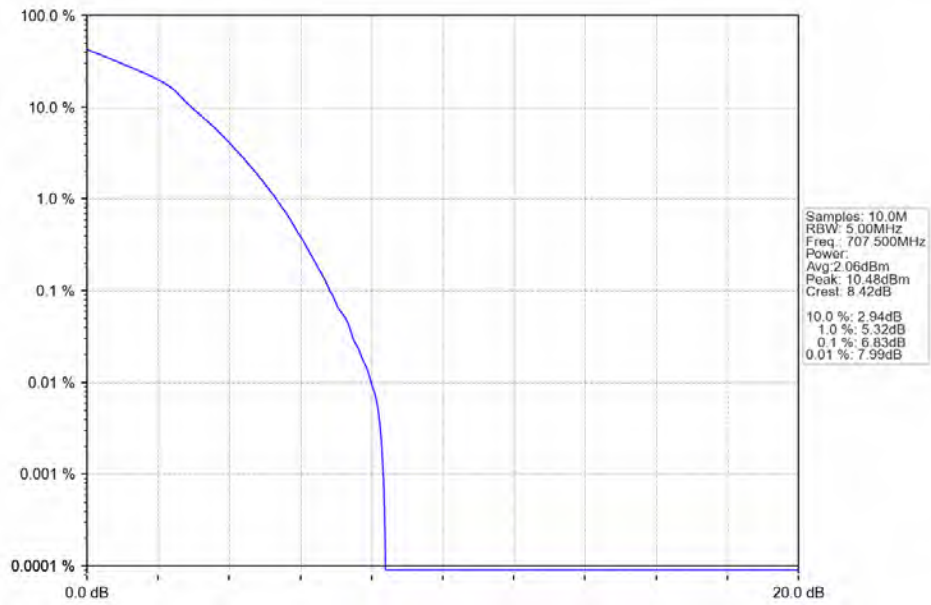
Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



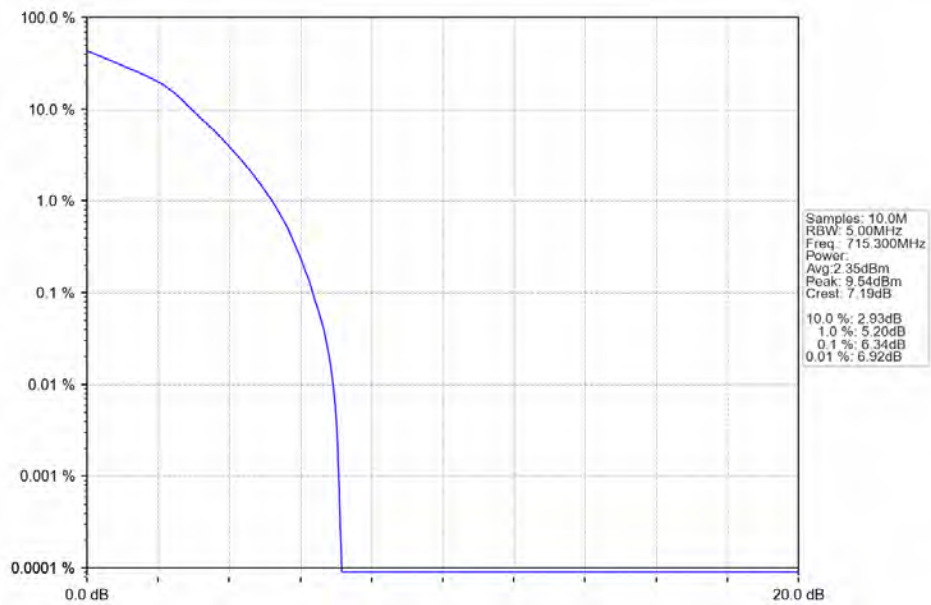
Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV



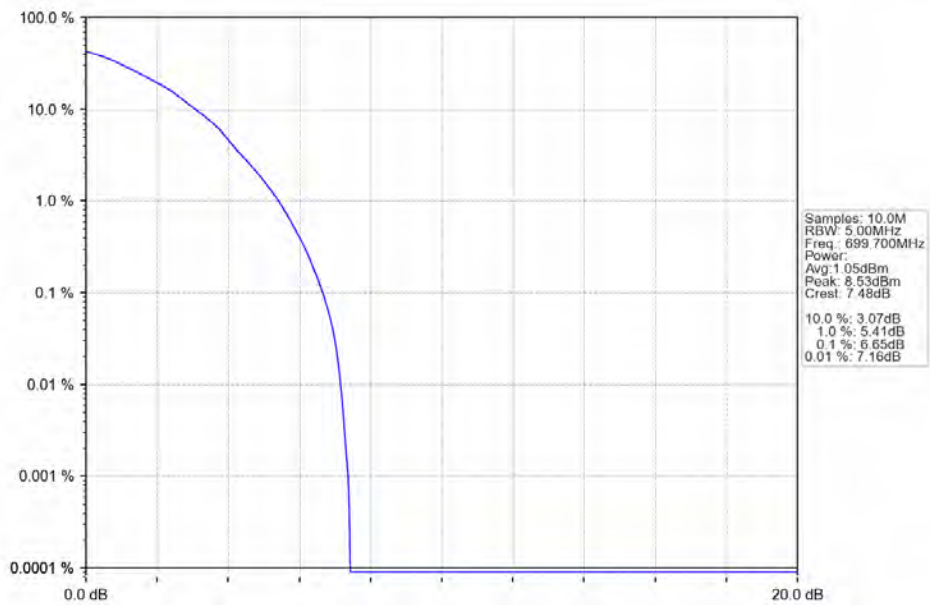
Band12 1.4MHz 16QAM MCH 707.5MHz RB 6.0 NTNV



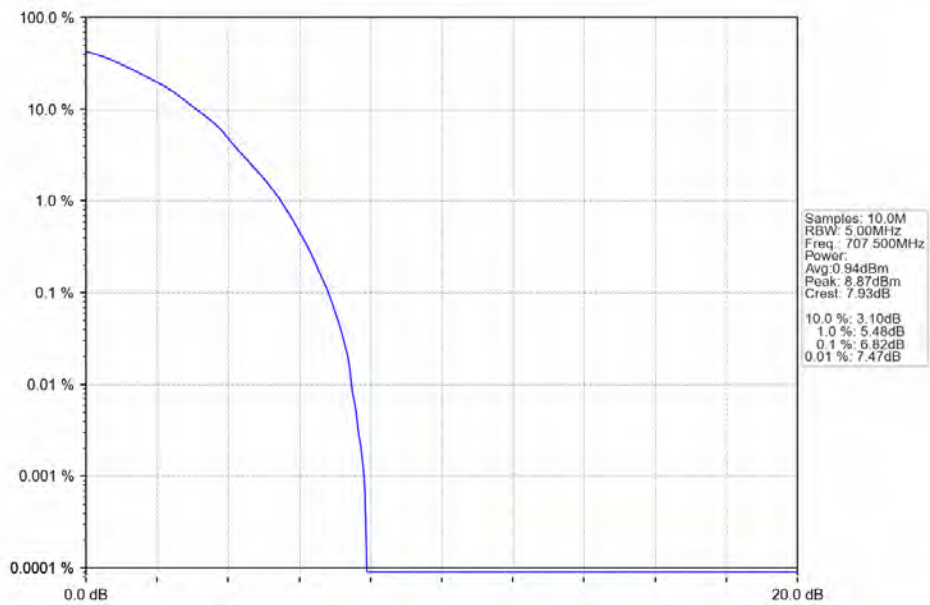
Band12 1.4MHz 16QAM HCH 715.3MHz RB 6.0 NTNV



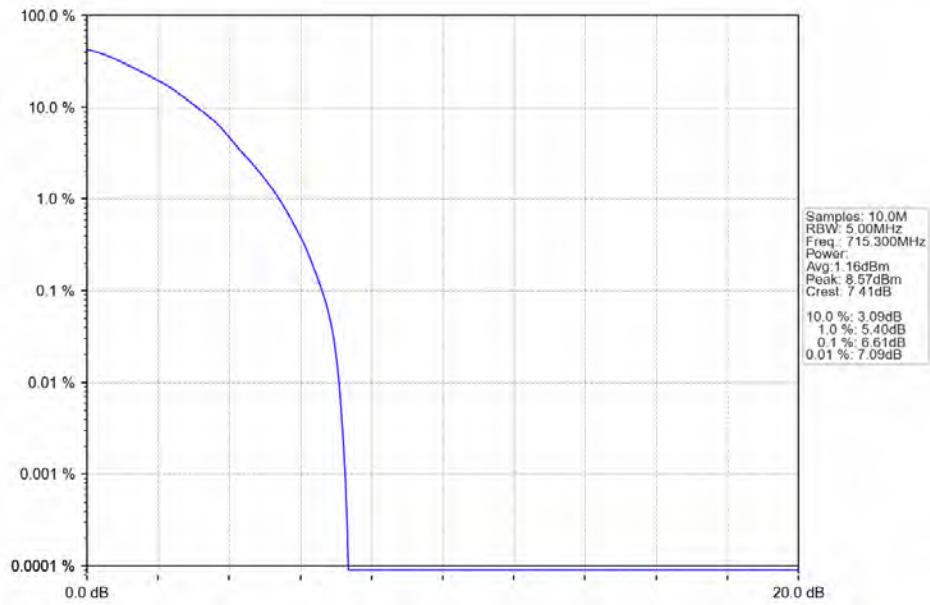
Band12 1.4MHz 64QAM LCH 699.7MHz RB 6 0 NTNV



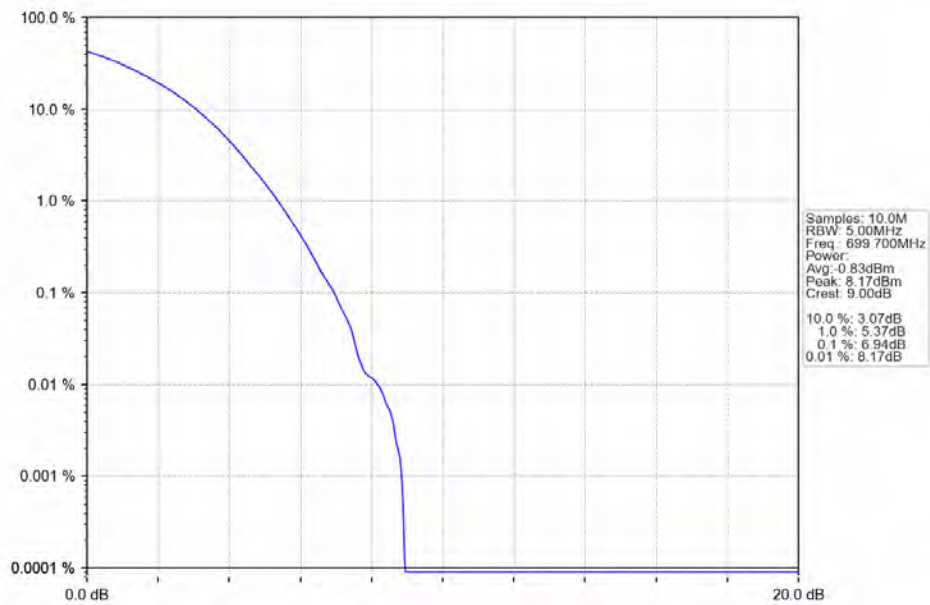
Band12 1.4MHz 64QAM MCH 707.5MHz RB 6 0 NTNV



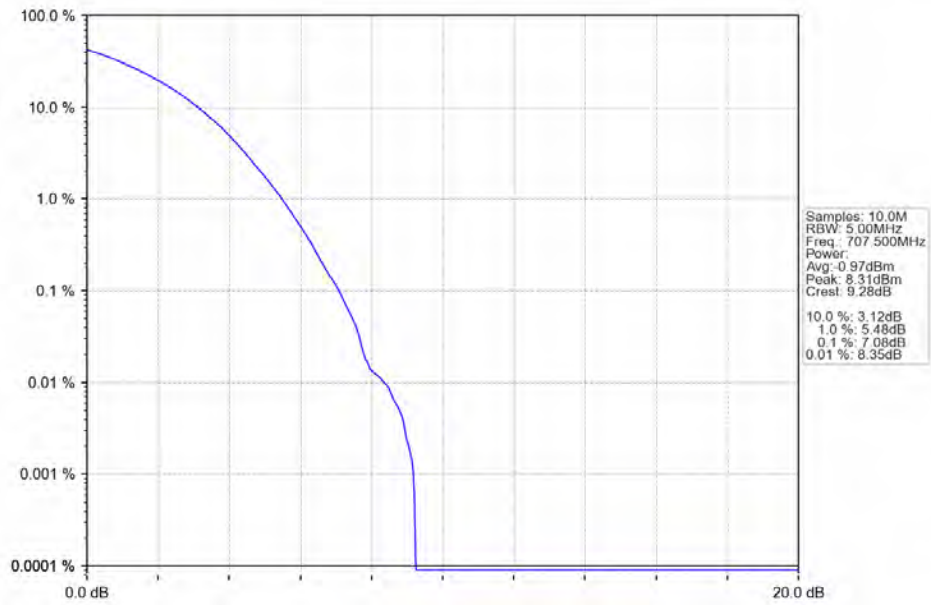
Band12 1.4MHz 64QAM HCH 715.3MHz RB 6 0 NTNV



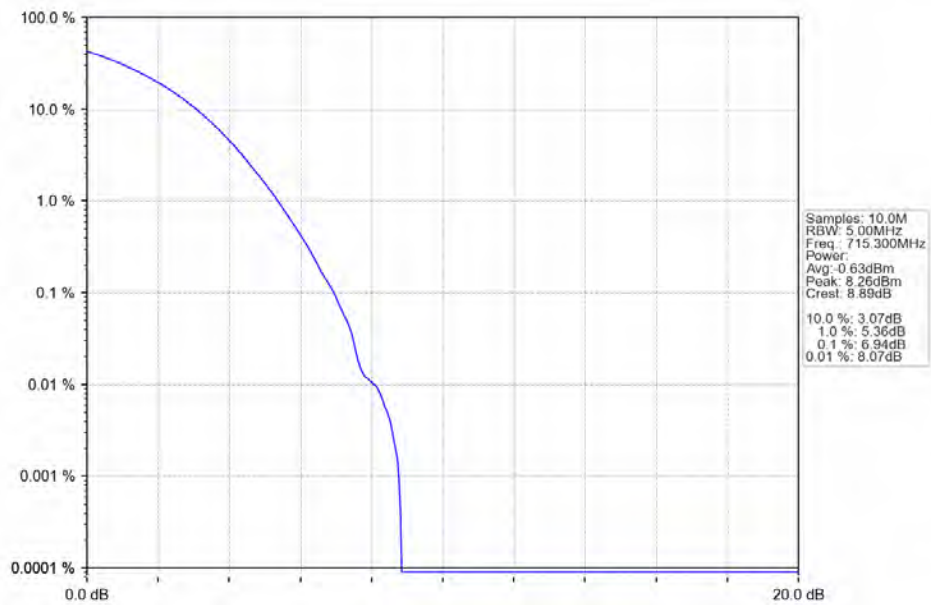
Band12 1.4MHz 256QAM LCH 699.7MHz RB 6 0 NTNV



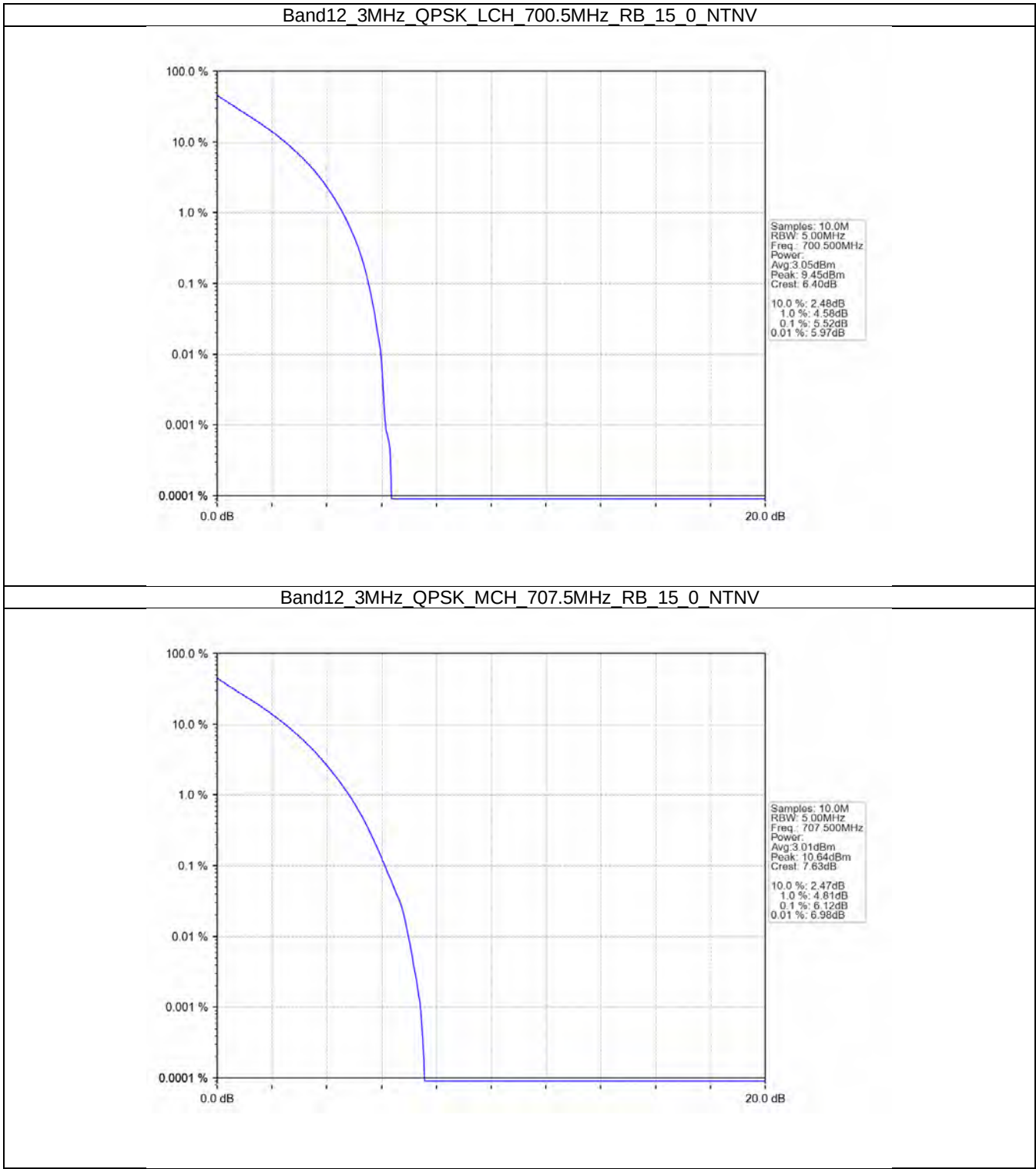
Band12 1.4MHz 256QAM MCH 707.5MHz RB 6 0 NTN



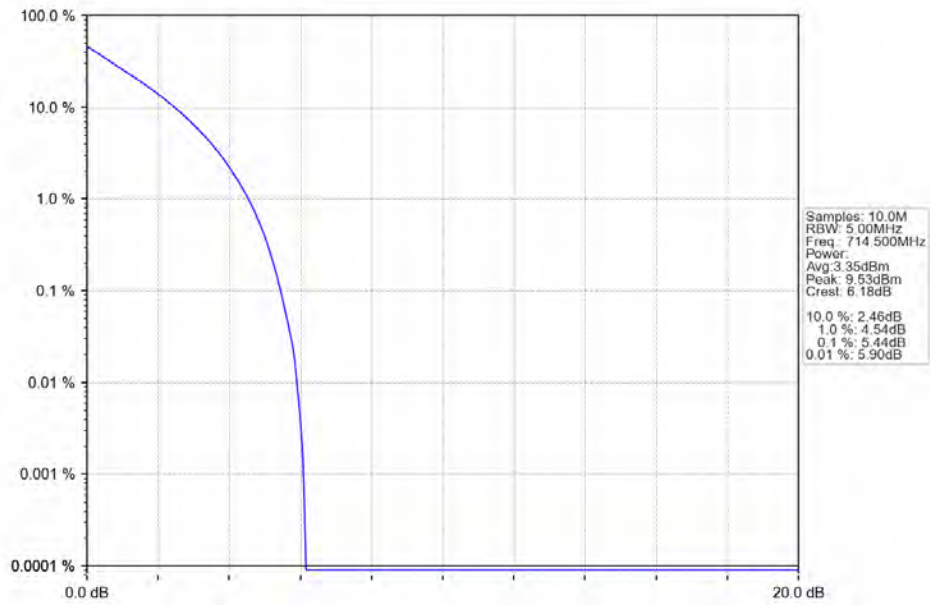
Band12 1.4MHz 256QAM HCH 715.3MHz RB 6 0 NTN



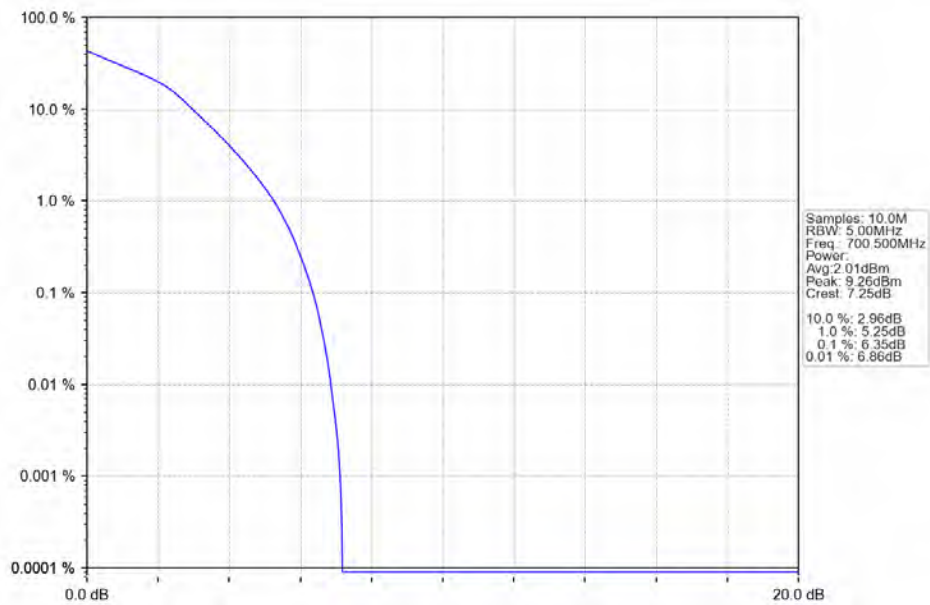
4.2.2 B12_3MHz



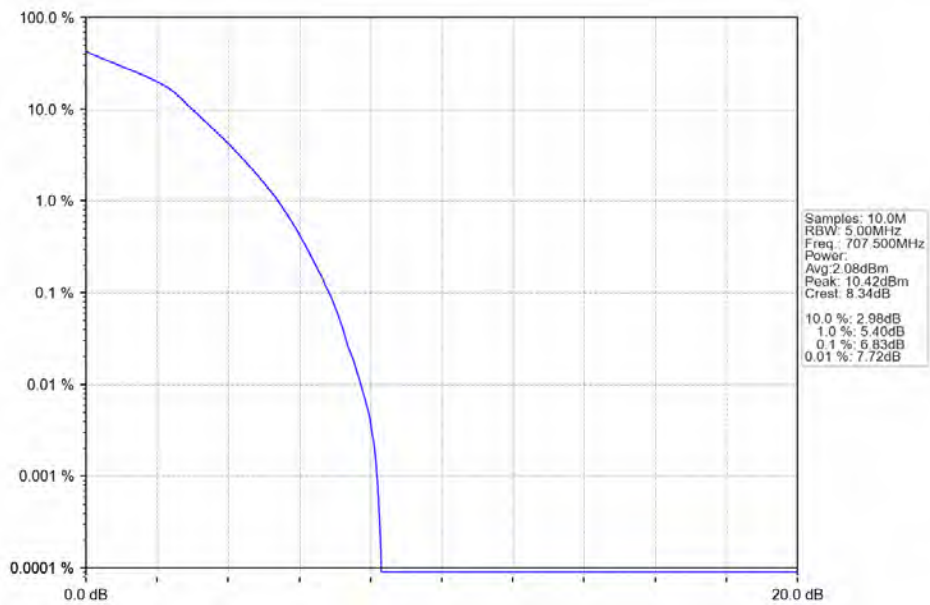
Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTN



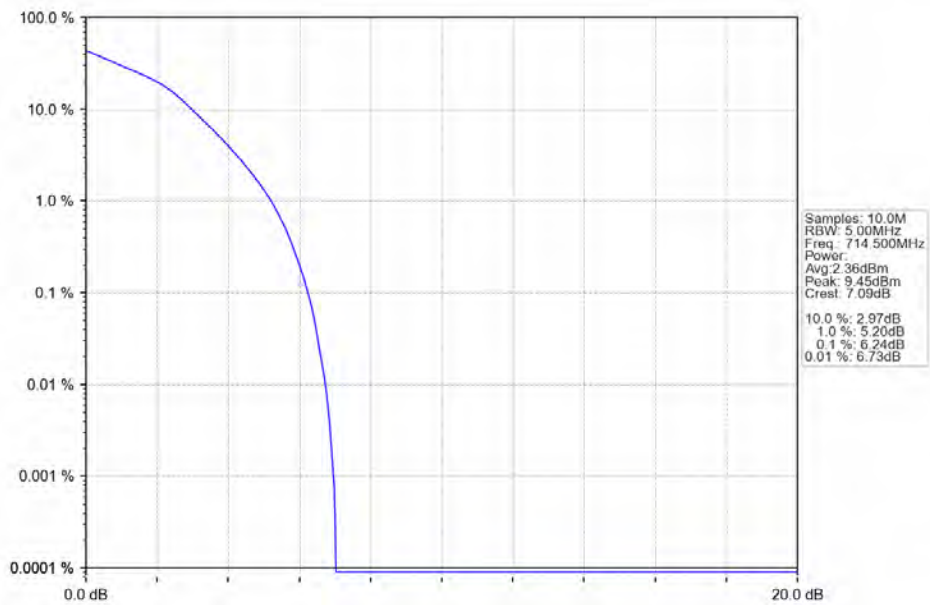
Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTN



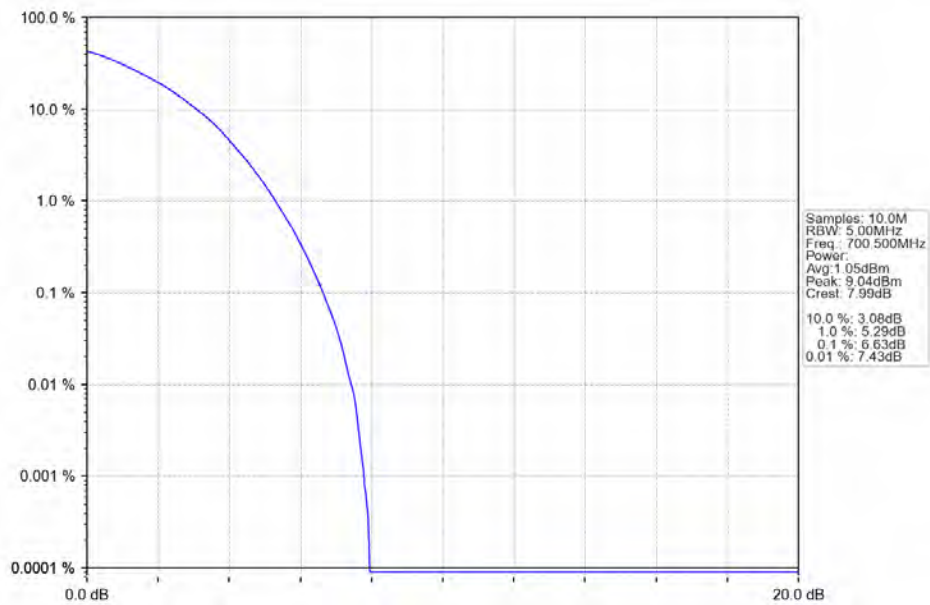
Band12 3MHz 16QAM MCH 707.5MHz RB 15 0 NTNV



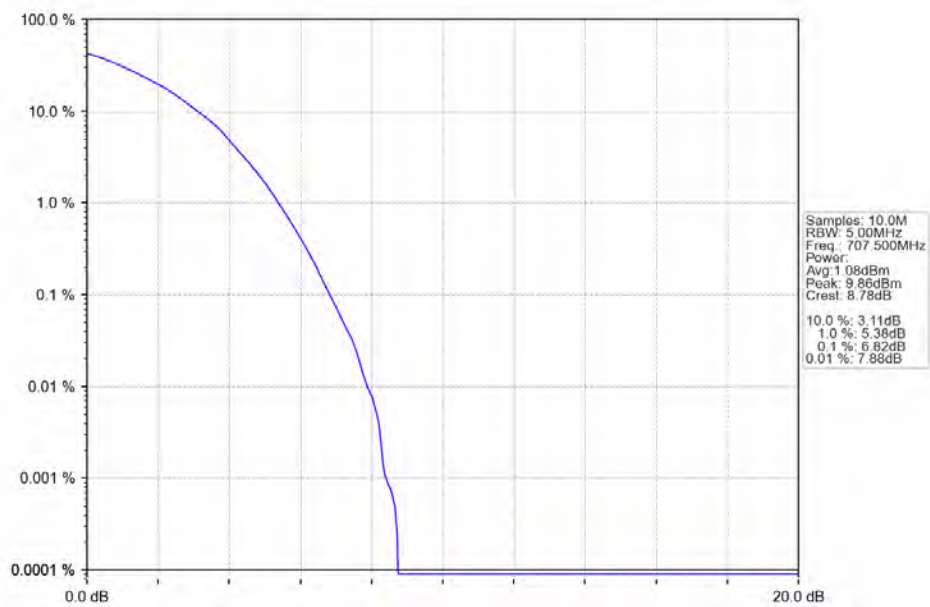
Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV



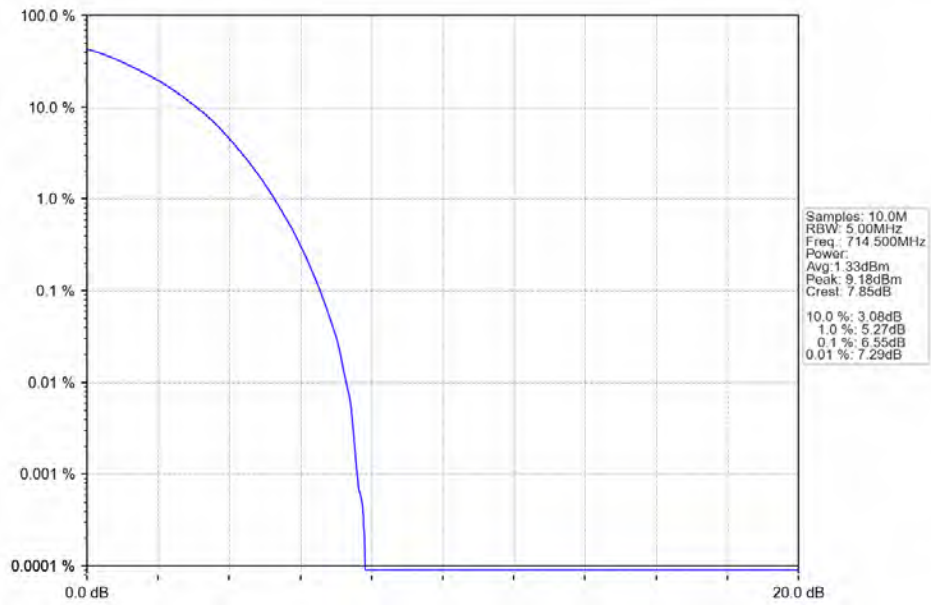
Band12 3MHz 64QAM LCH 700.5MHz RB 15 0 NTNV



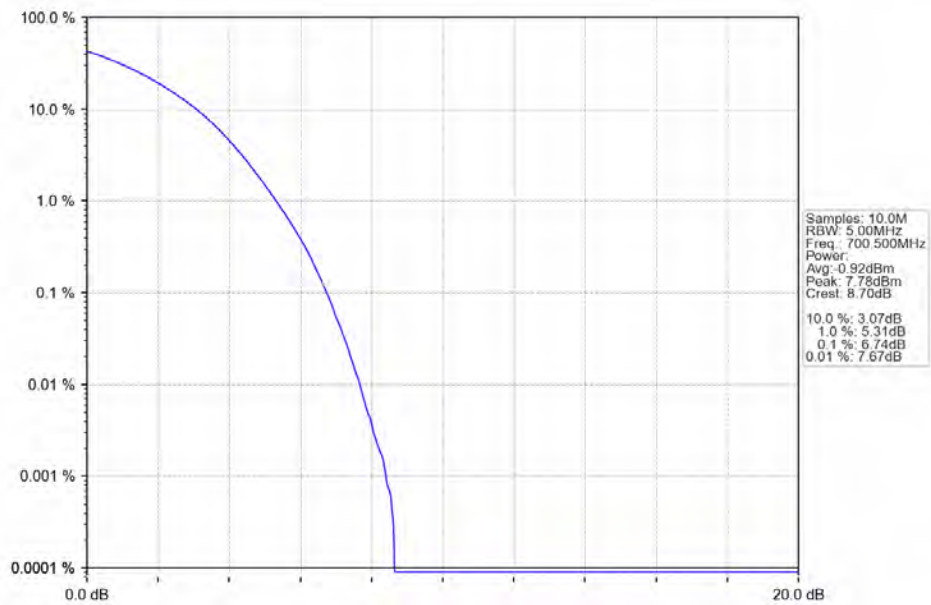
Band12 3MHz 64QAM MCH 707.5MHz RB 15 0 NTNV



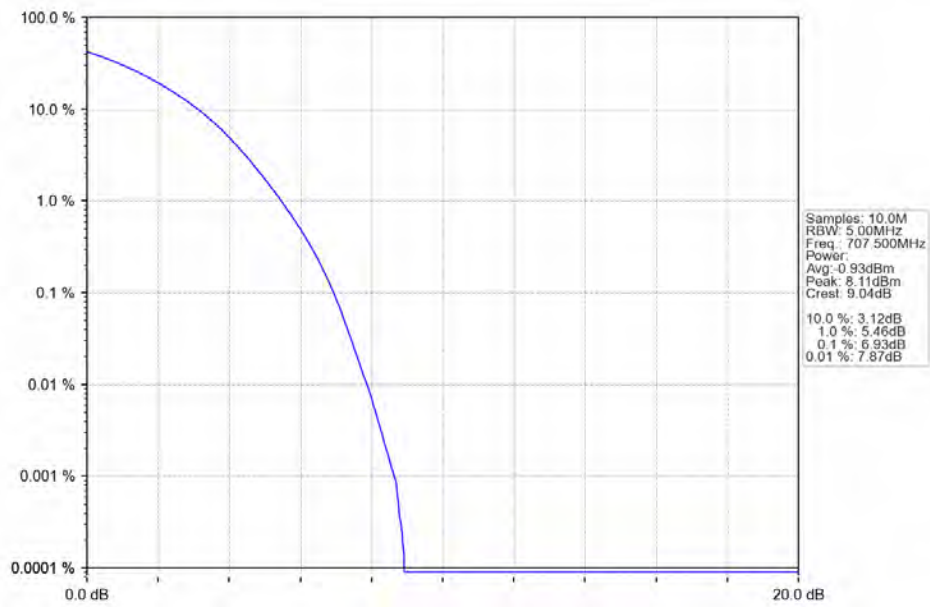
Band12 3MHz 64QAM HCH 714.5MHz RB 15 0 NTNV



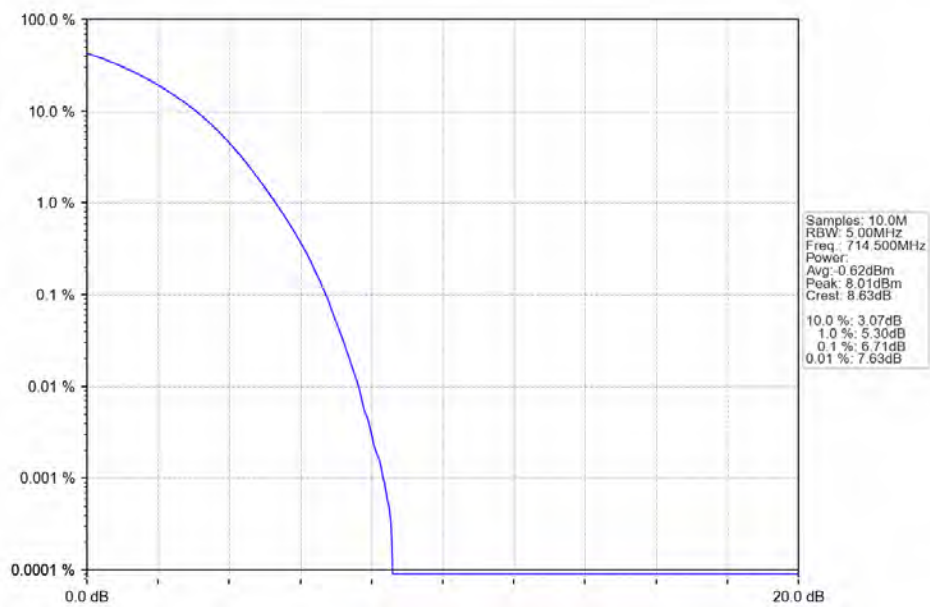
Band12 3MHz 256QAM LCH 700.5MHz RB 15 0 NTNV



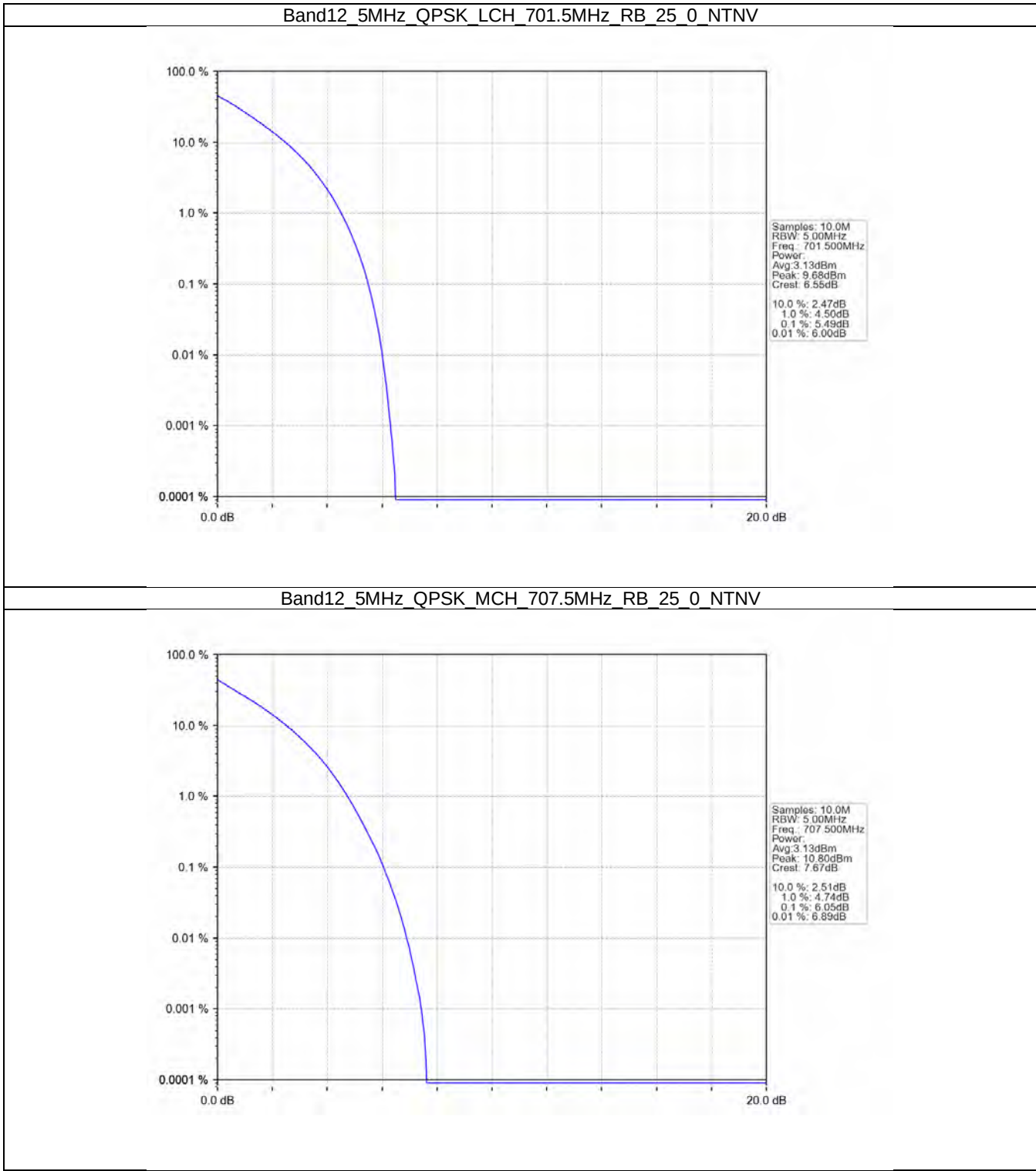
Band12 3MHz 256QAM MCH 707.5MHz RB 15 0 NTNV



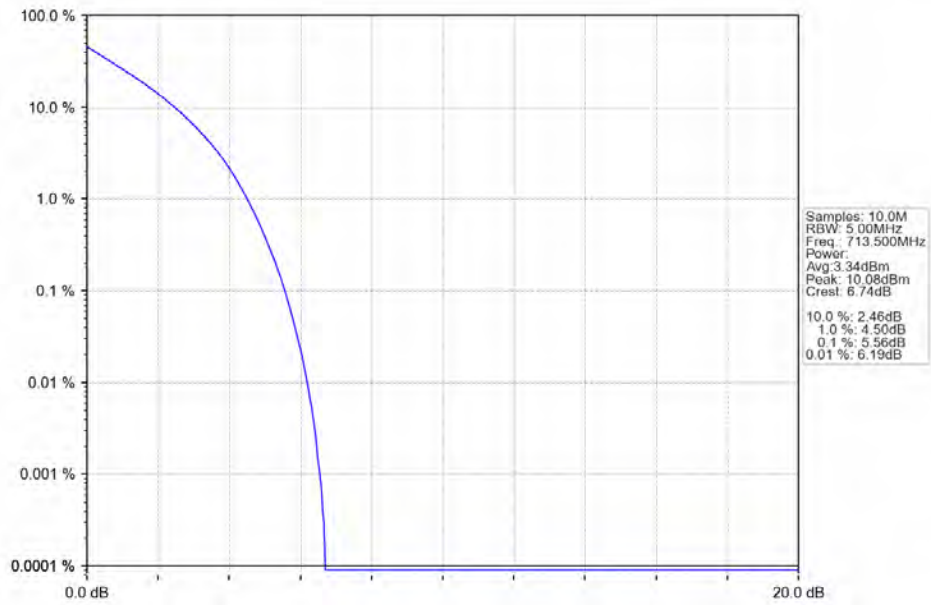
Band12 3MHz 256QAM HCH 714.5MHz RB 15 0 NTNV



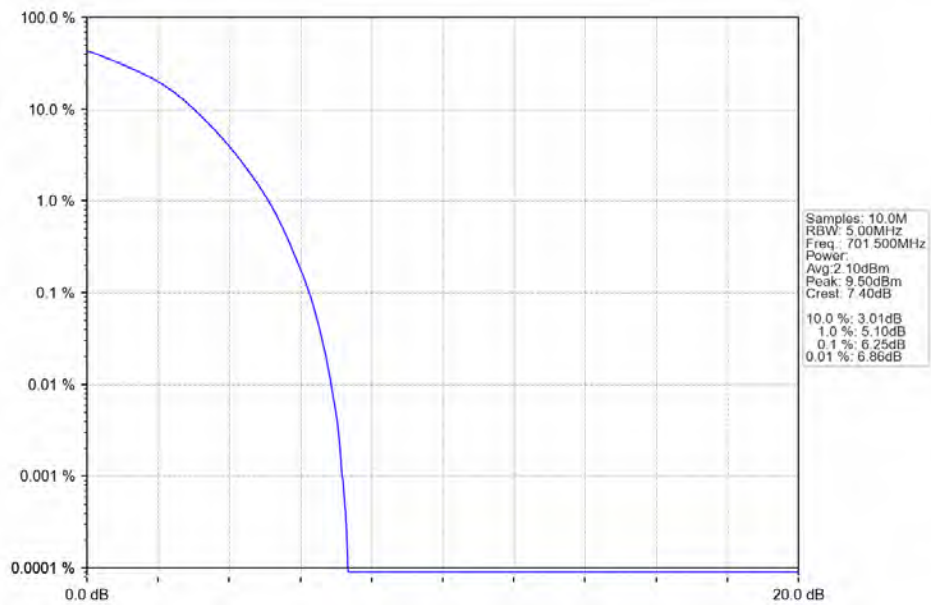
4.2.3 B12_5MHz



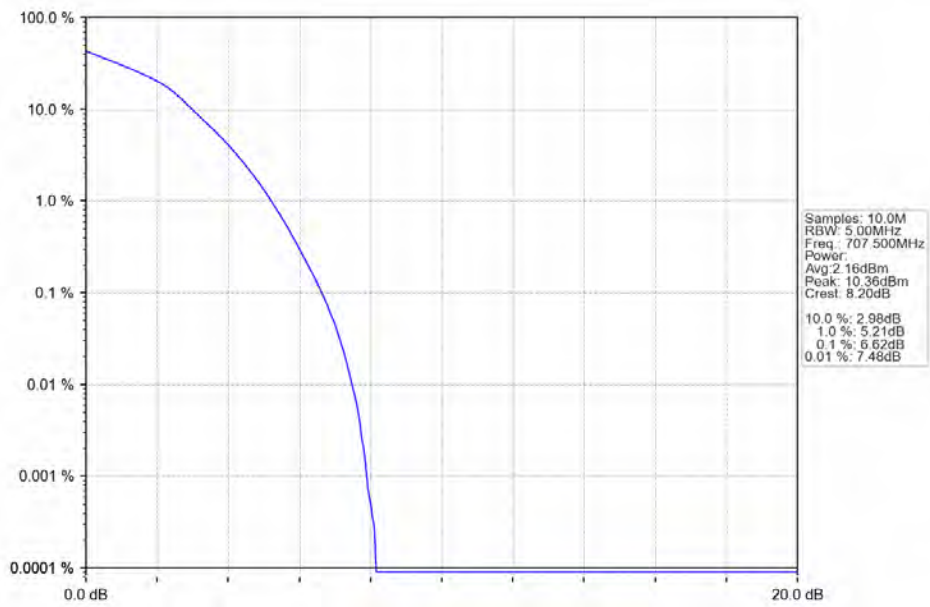
Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTN



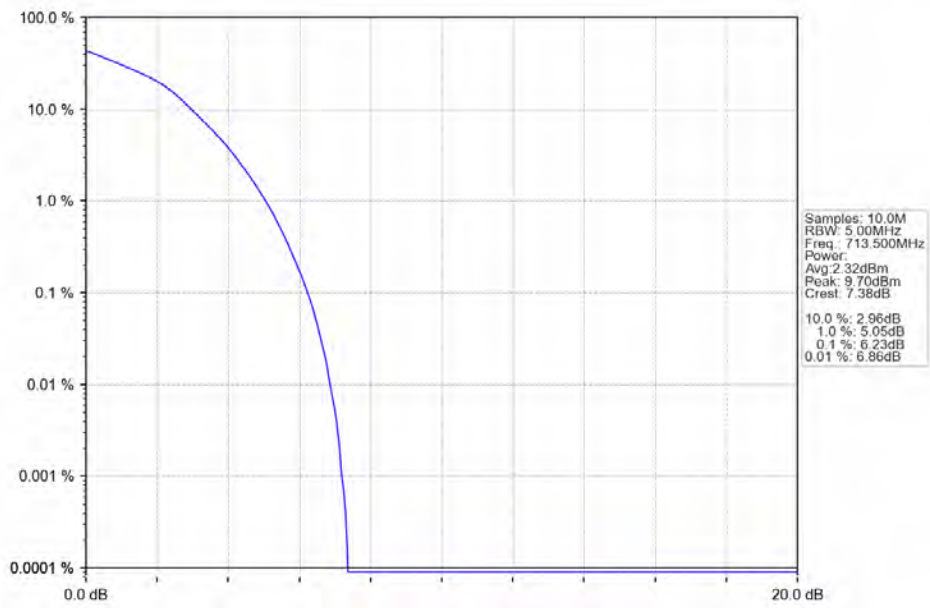
Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTN



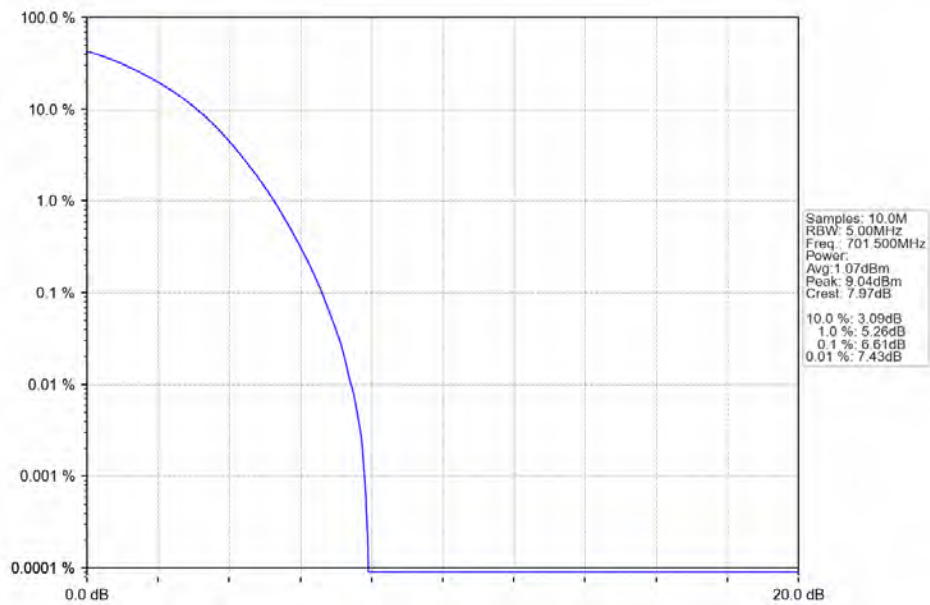
Band12 5MHz 16QAM MCH 707.5MHz RB 25 0 NTNV



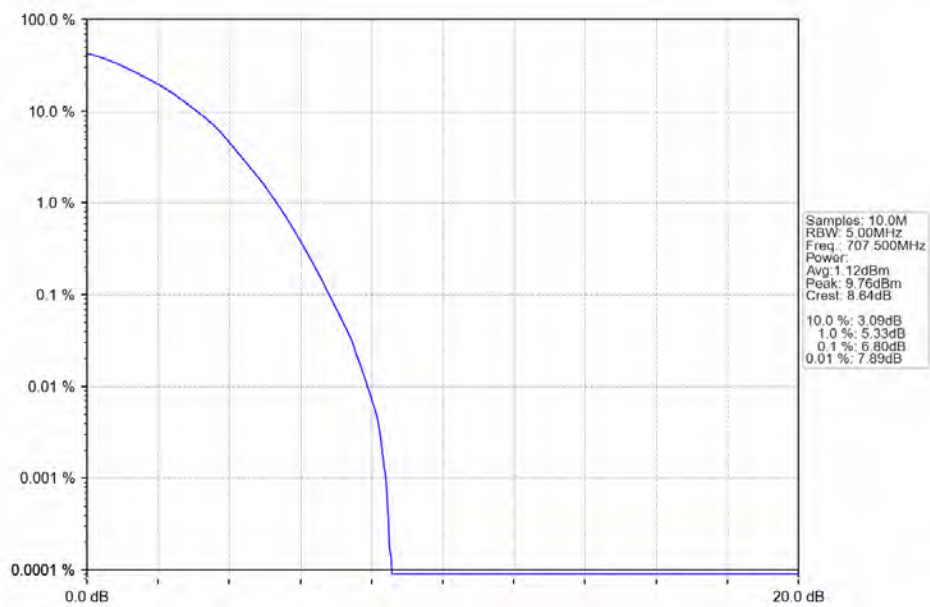
Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV



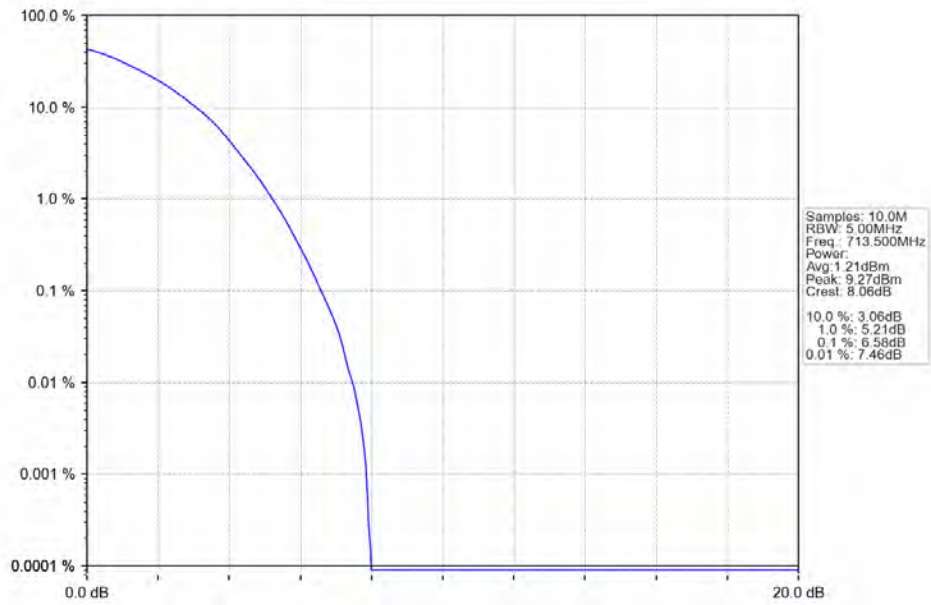
Band12_5MHz_64QAM_LCH_701.5MHz_RB_25_0_NTNV



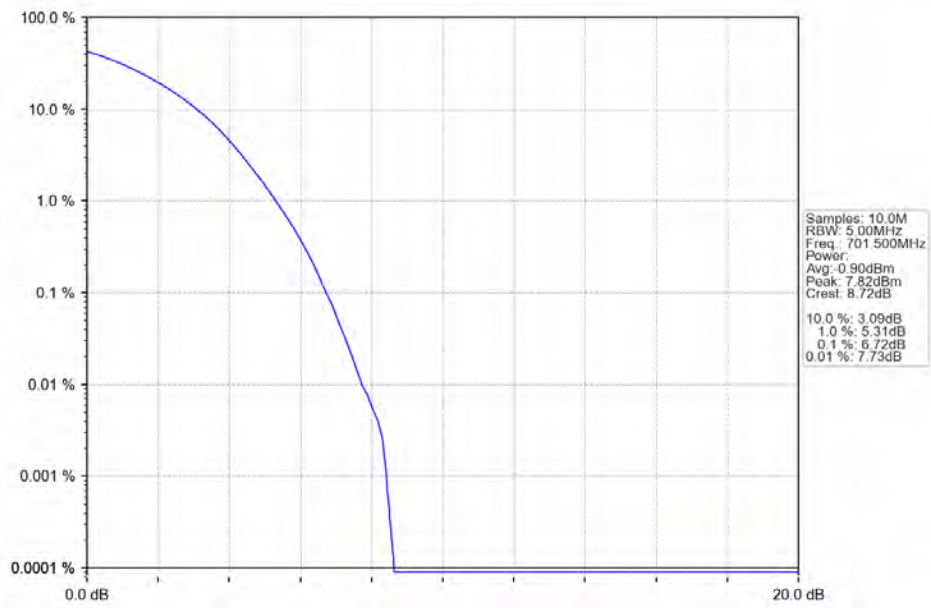
Band12_5MHz_64QAM_MCH_707.5MHz_RB_25_0_NTNV



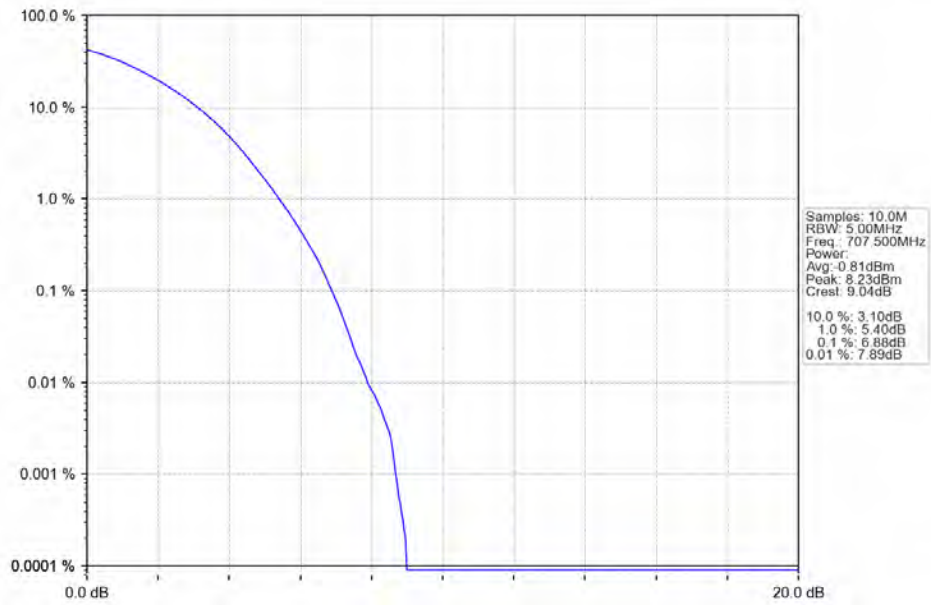
Band12 5MHz 64QAM HCH 713.5MHz RB 25 0 NTNV



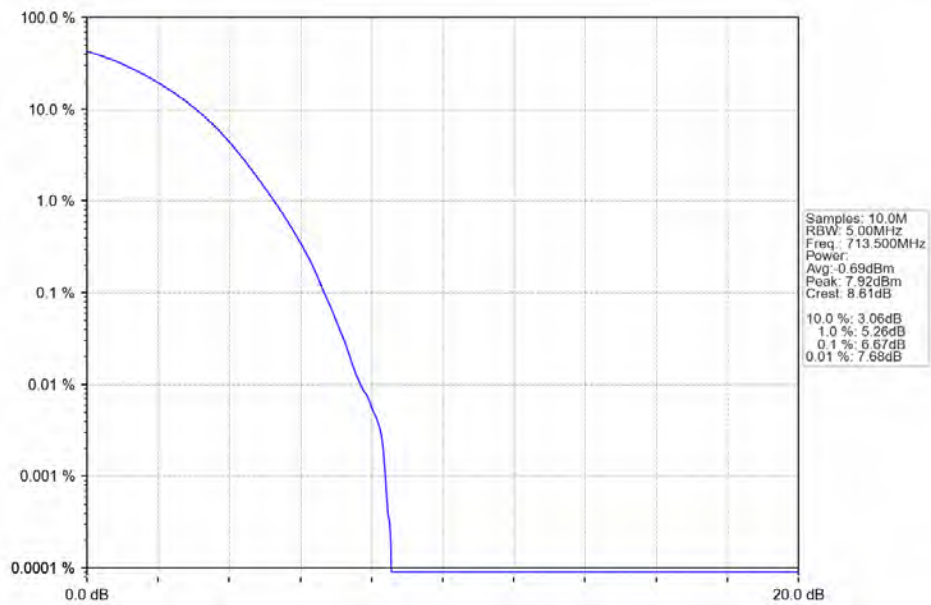
Band12 5MHz 256QAM LCH 701.5MHz RB 25 0 NTNV



Band12_5MHz_256QAM_MCH_707.5MHz_RB_25_0_NTNV

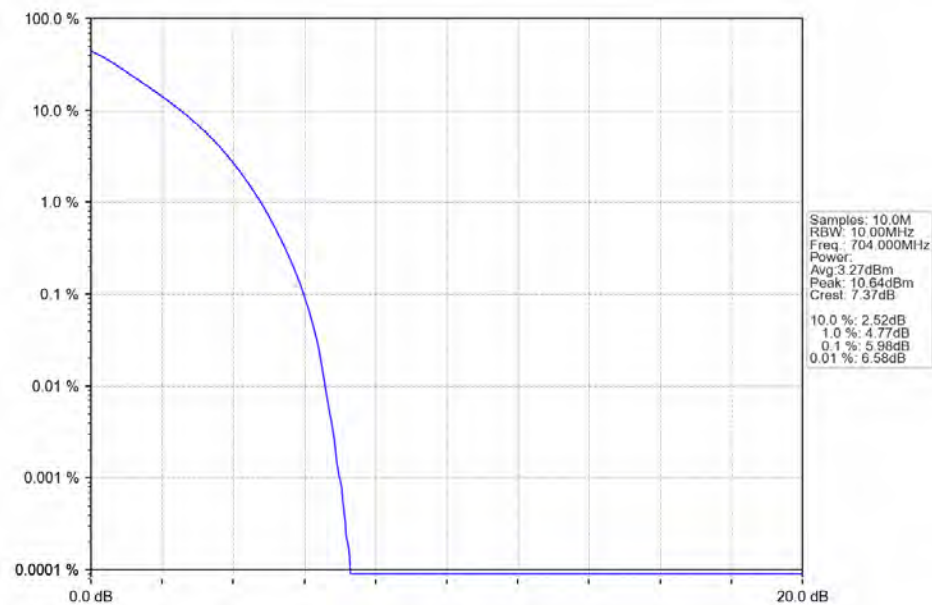


Band12_5MHz_256QAM_HCH_713.5MHz_RB_25_0_NTNV

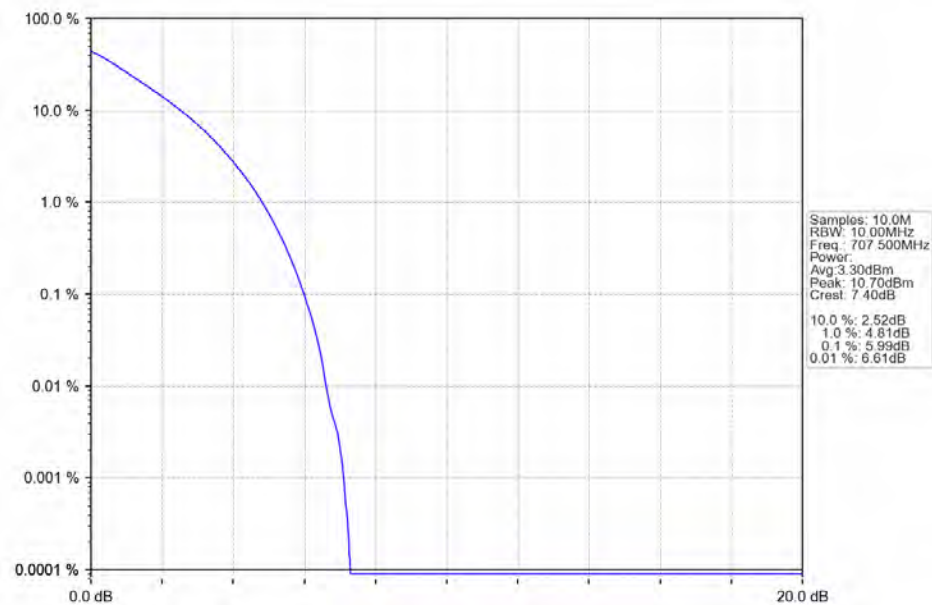


4.2.4 B12_10MHz

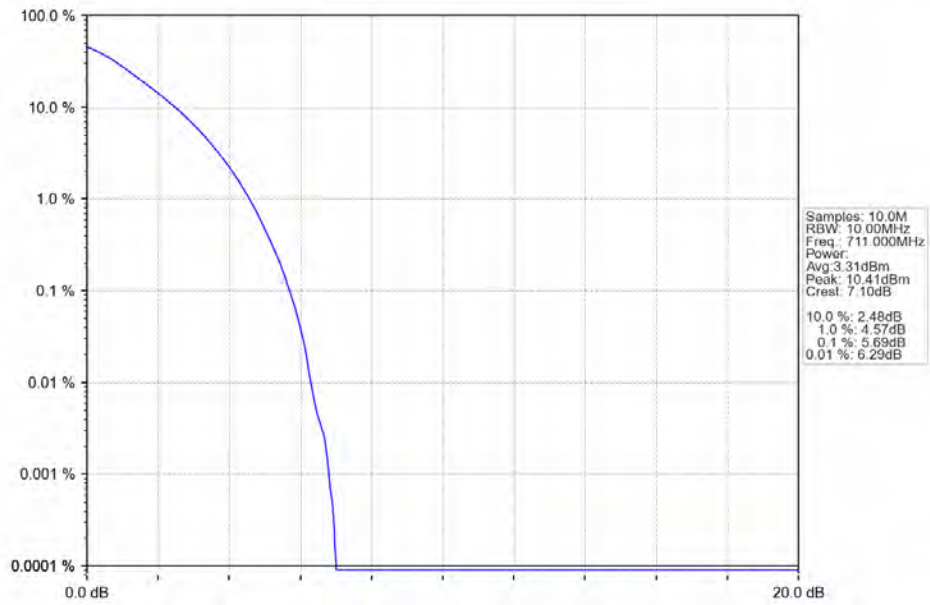
Band12_10MHz_QPSK_LCH_704MHz_RB_50_0_NTNV



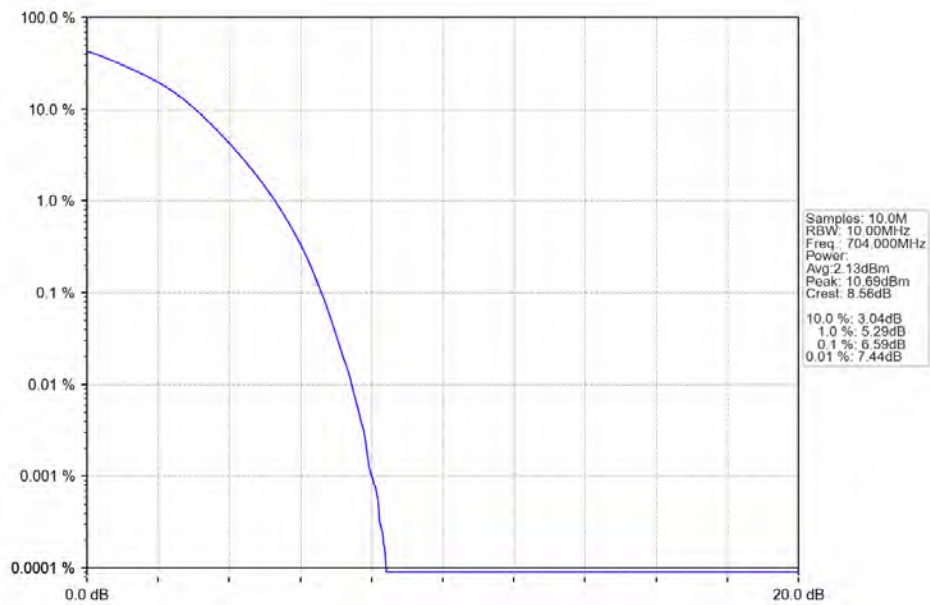
Band12_10MHz_QPSK_MCH_707.5MHz_RB_50_0_NTNV



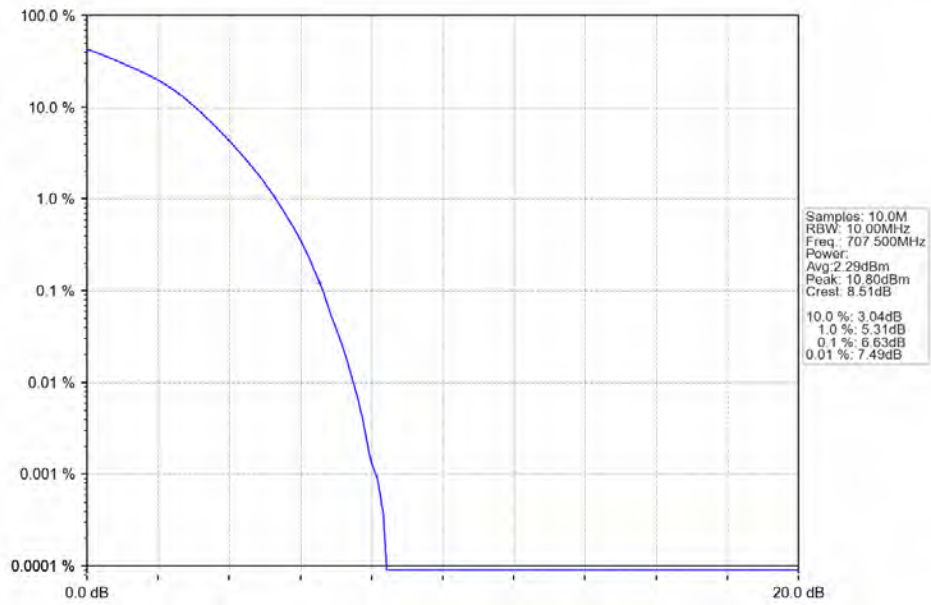
Band12 10MHz QPSK HCH 711MHz RB 50 0 NTV



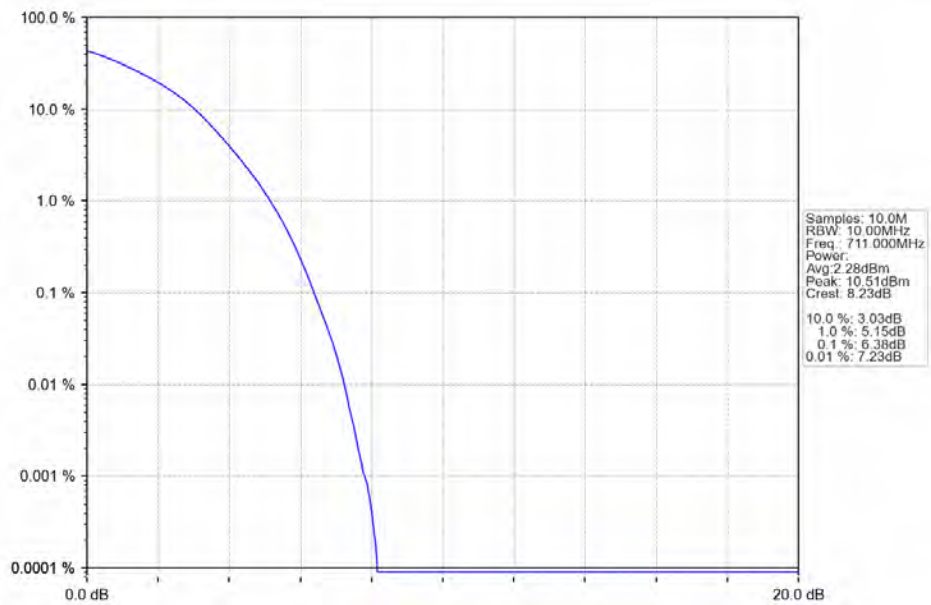
Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTV



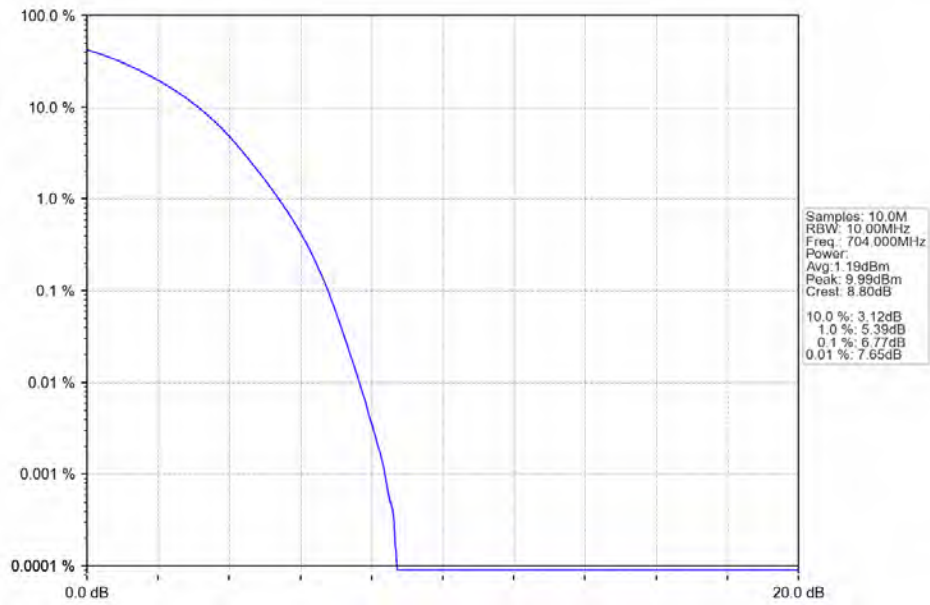
Band12_10MHz_16QAM_MCH_707.5MHz_RB_50_0_NTNV



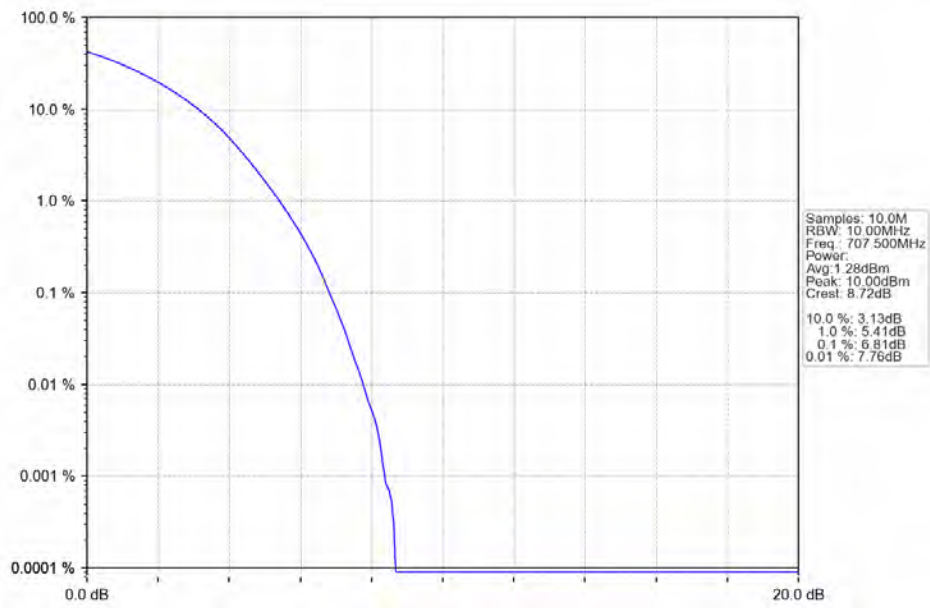
Band12_10MHz_16QAM_HCH_711MHz_RB_50_0_NTNV



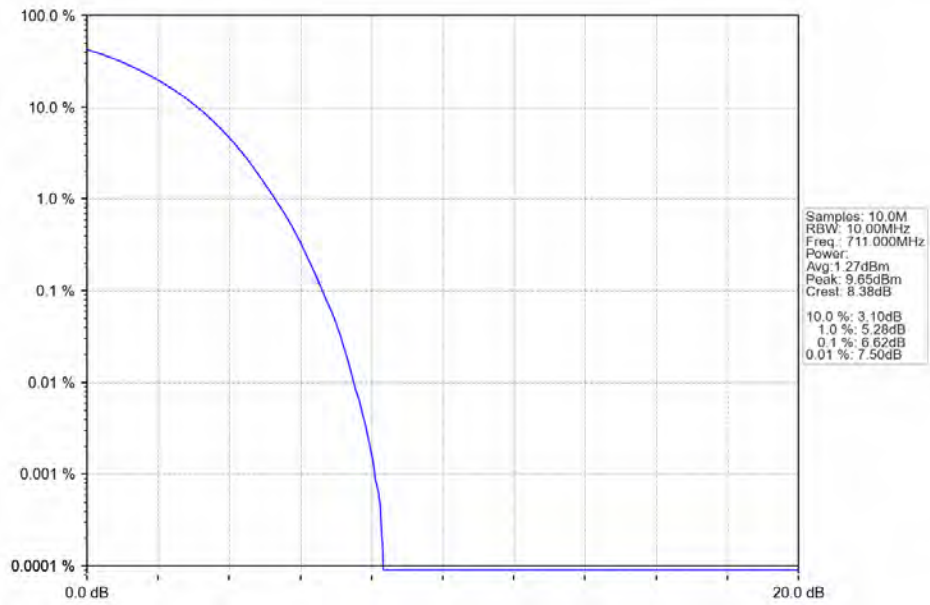
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



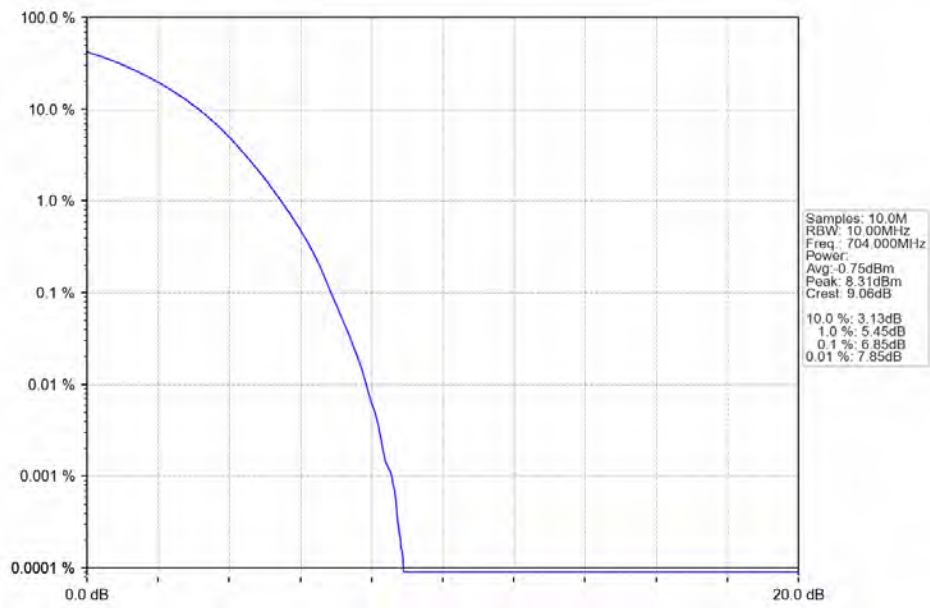
Band12_10MHz_64QAM_MCH_707.5MHz_RB_50_0_NTNV



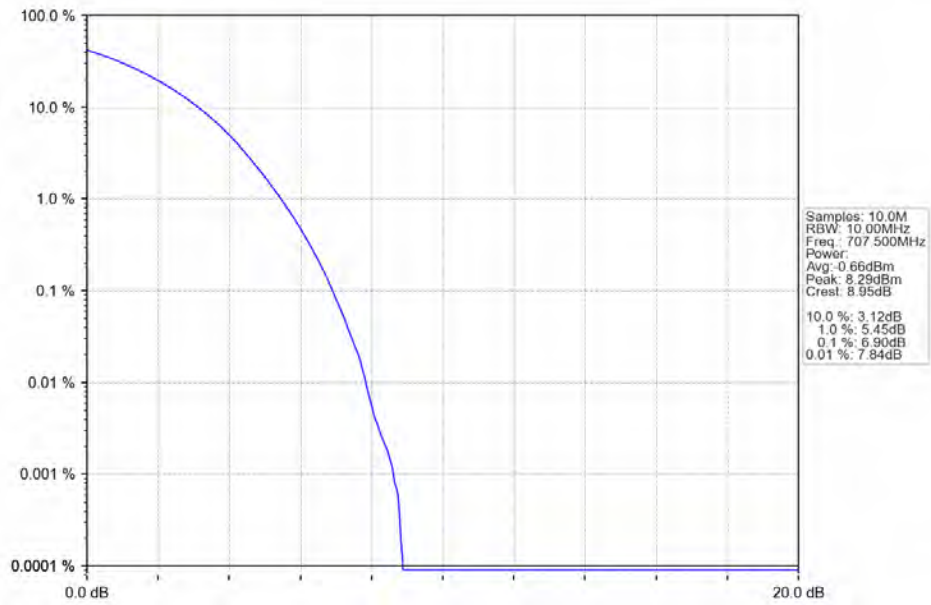
Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



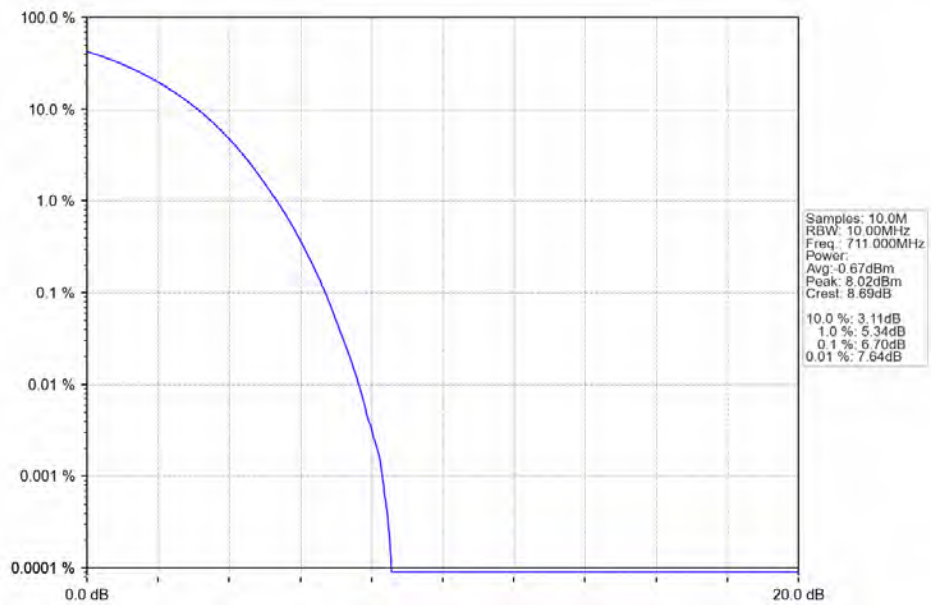
Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_MCH_707.5MHz_RB_50_0_NTNV



Band12_10MHz_256QAM_HCH_711MHz_RB_50_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B12_1.4MHz

Band: 12 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
64QAM	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
256QAM	699.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	715.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B12_3MHz

Band: 12 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
	714.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass
		714.5	1	0	Refer To Test Graph	
	14			Refer To Test Graph		Pass
	15		0	Refer To Test Graph		Pass
64QAM	700.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	707.5	1	0	Refer To Test Graph		Pass

256QAM	714.5	1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	700.5	1	0	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass
	714.5	1	0	Refer To Test Graph	Pass
			14	Refer To Test Graph	Pass
		15	0	Refer To Test Graph	Pass

5.1.3 B12_5MHz

Band: 12 / Bandwidth: 5MHz / NTN					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	701.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	701.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
64QAM	701.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
256QAM	701.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	713.5	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

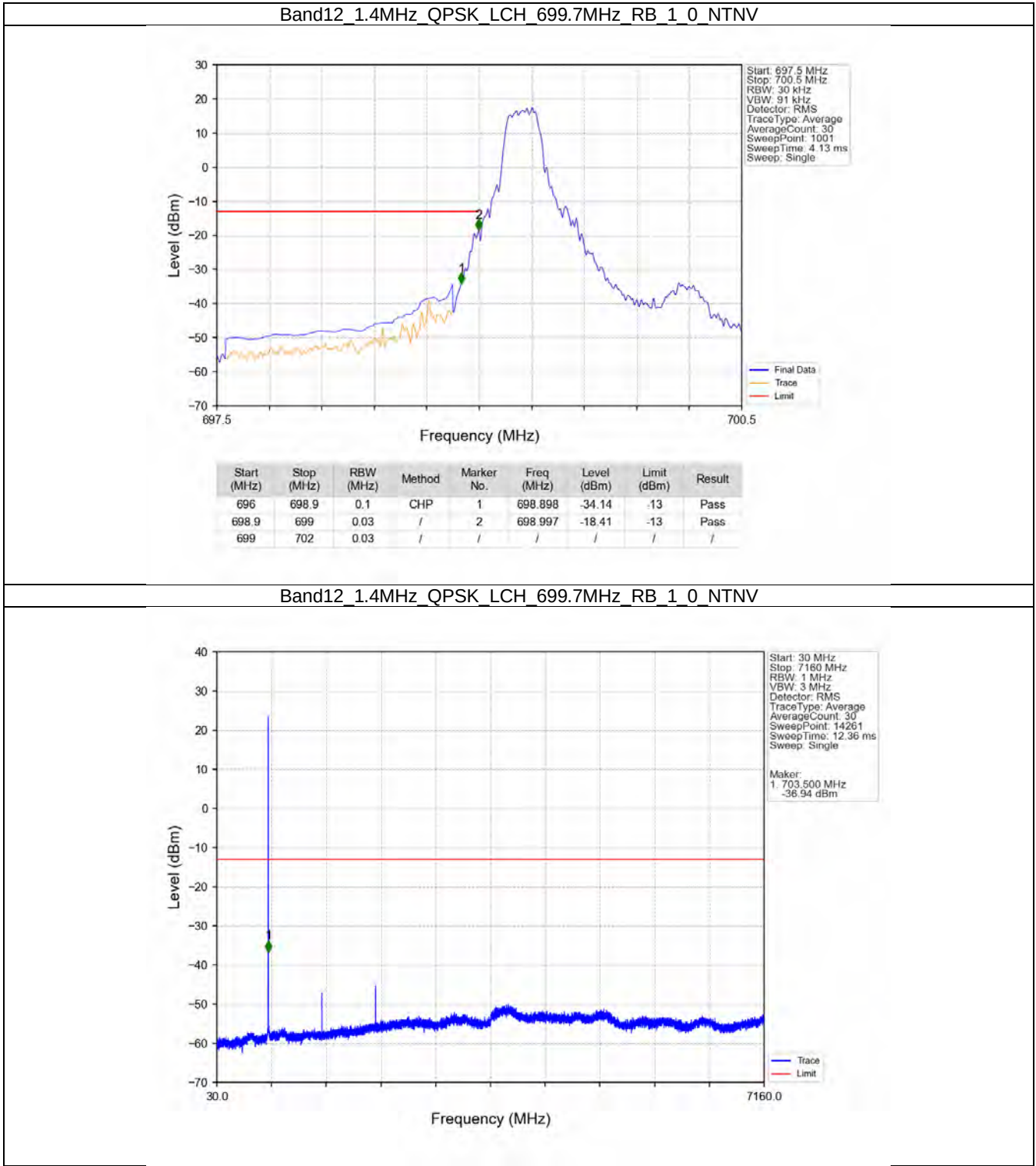
5.1.4 B12_10MHz

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

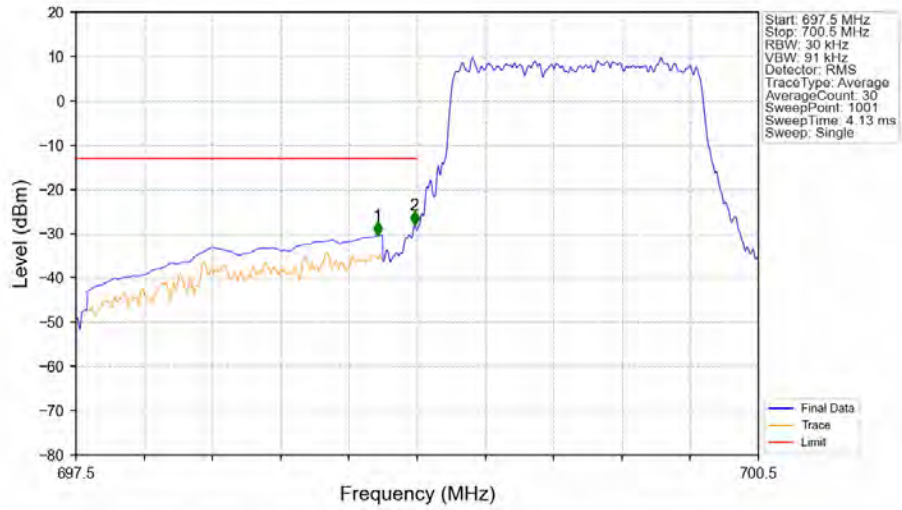
		50	0	Refer To Test Graph	Pass
64QAM	704	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	711	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
256QAM	704	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	707.5	1	0	Refer To Test Graph	Pass
	711	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

5.2 Test Graph

5.2.1 B12_1.4MHz

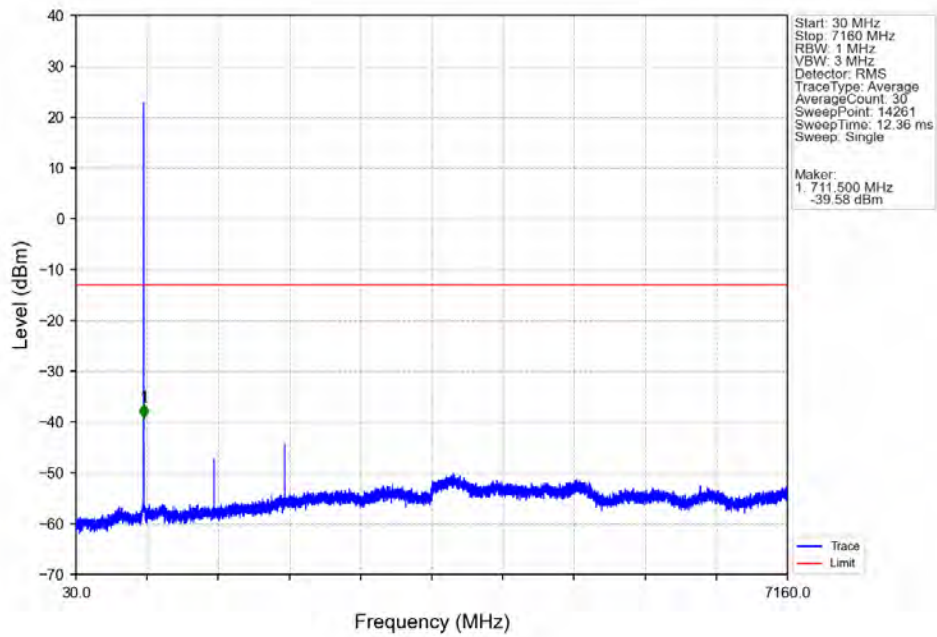


Band12 1.4MHz QPSK LCH 699.7MHz RB 6 0 NTNV

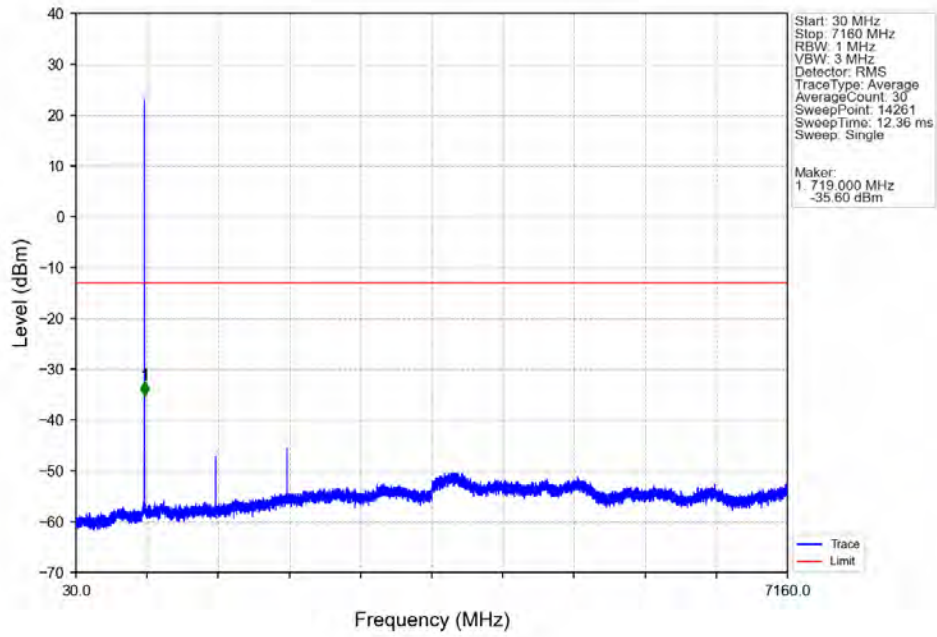


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.826	-30.38	-13	Pass
698.9	699	0.03	/	2	698.988	-28.06	-13	Pass
699	702	0.03	/	/	/	/	/	/

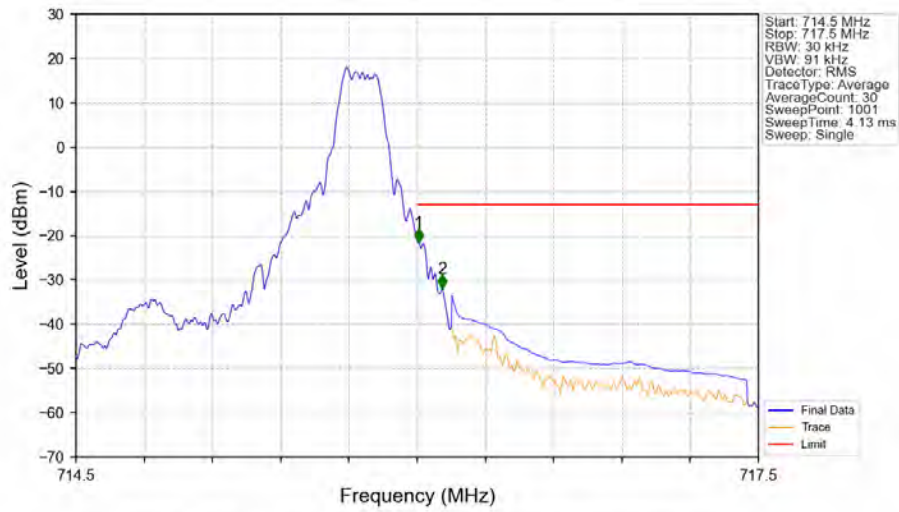
Band12 1.4MHz QPSK MCH 707.5MHz RB 1 0 NTNV



Band12 1.4MHz QPSK HCH 715.3MHz RB 1 0 NTNV

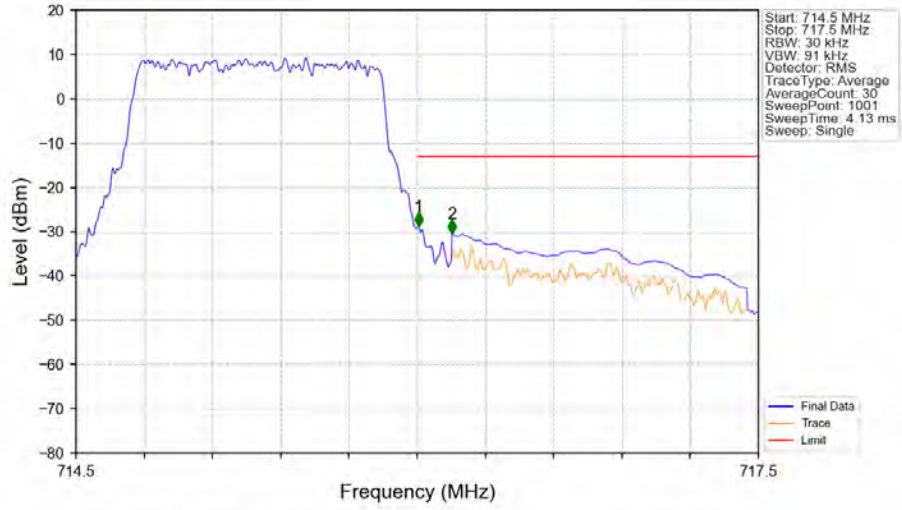


Band12 1.4MHz QPSK HCH 715.3MHz RB 1 5 NTNV



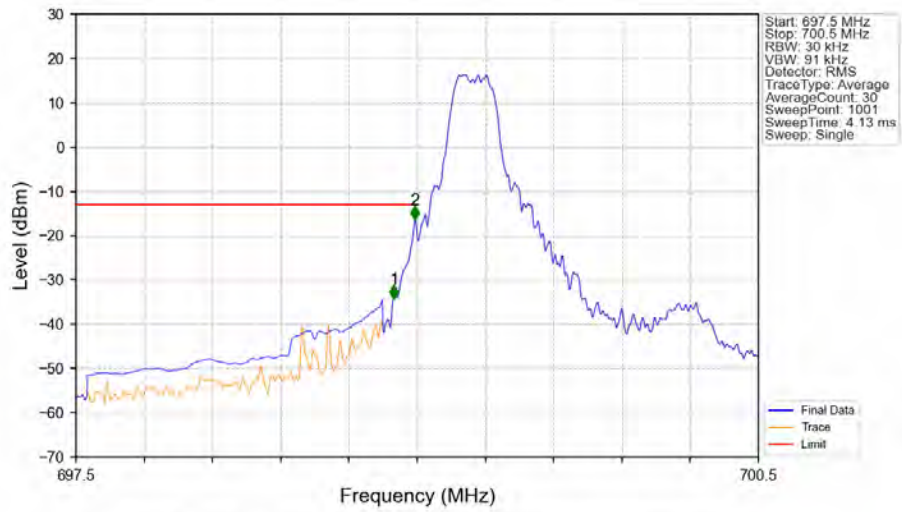
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-21.48	-13	Pass
716.1	719	0.1	CHP	2	716.111	-31.92	-13	Pass

Band12 1.4MHz QPSK HCH 715.3MHz RB 6 0 NTNV



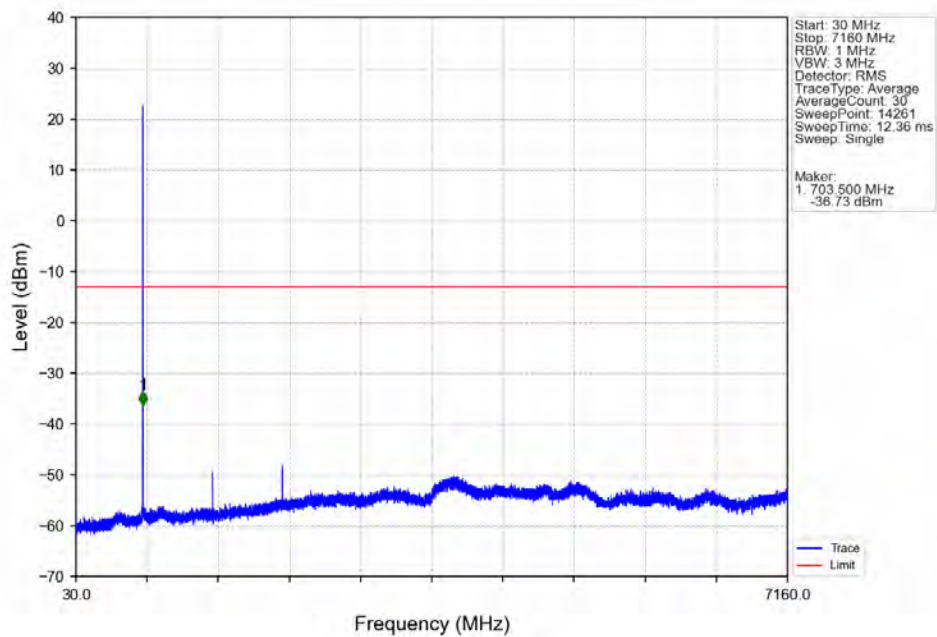
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-28.72	-13	Pass
716.1	719	0.1	CHP	2	716.153	-30.33	-13	Pass

Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV

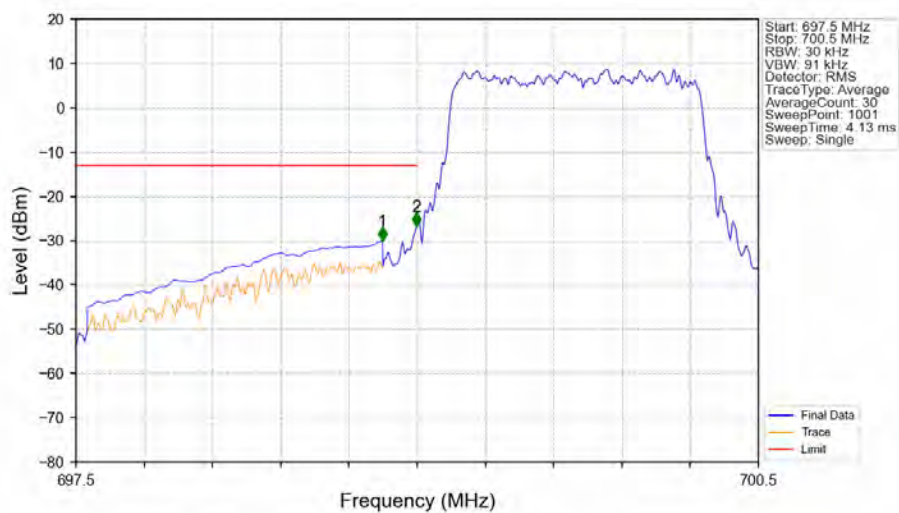


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.898	-34.24	-13	Pass
698.9	699	0.03	/	2	698.991	-16.46	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12 1.4MHz 16QAM LCH 699.7MHz RB 1 0 NTNV

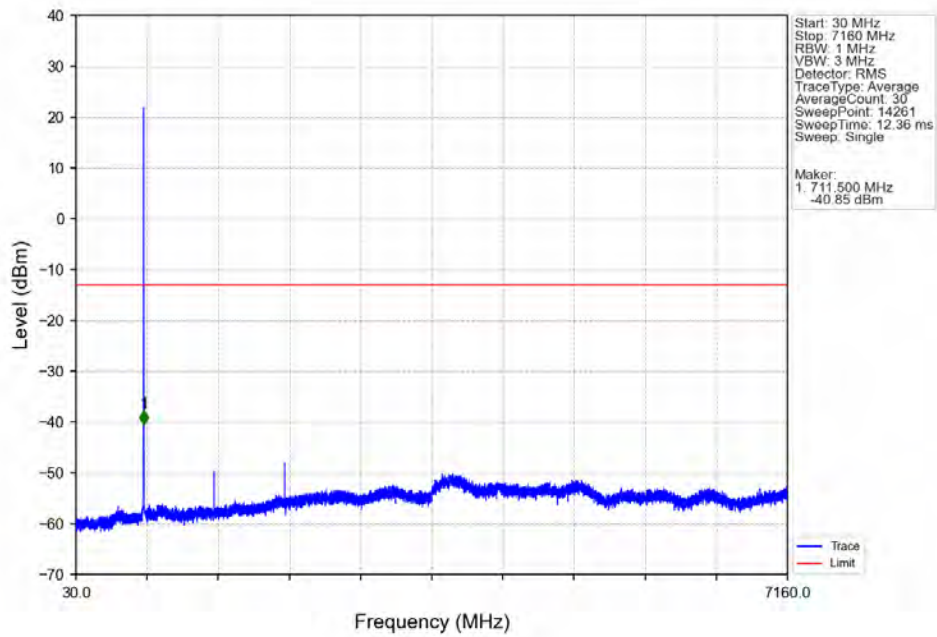


Band12 1.4MHz 16QAM LCH 699.7MHz RB 6 0 NTNV

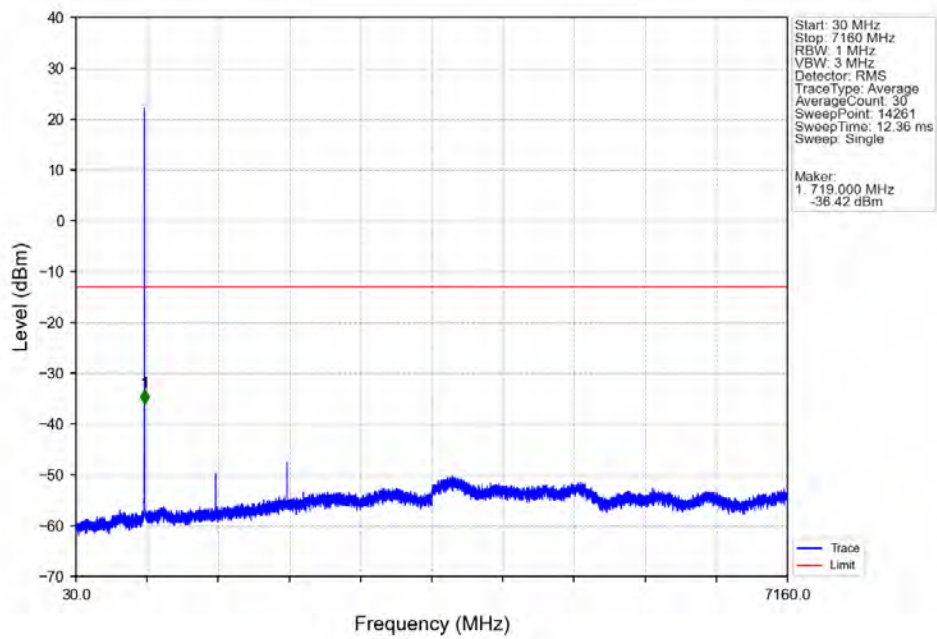


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.847	-30.09	-13	Pass
698.9	699	0.03	/	2	698.997	-26.69	-13	Pass
699	702	0.03	/	/	/	/	/	/

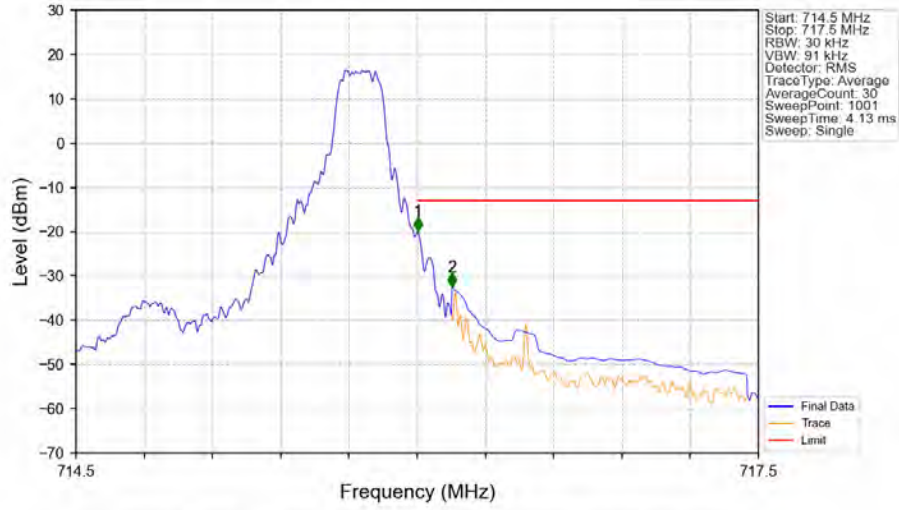
Band12 1.4MHz 16QAM MCH 707.5MHz RB 1 0 NTV



Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 0 NTV

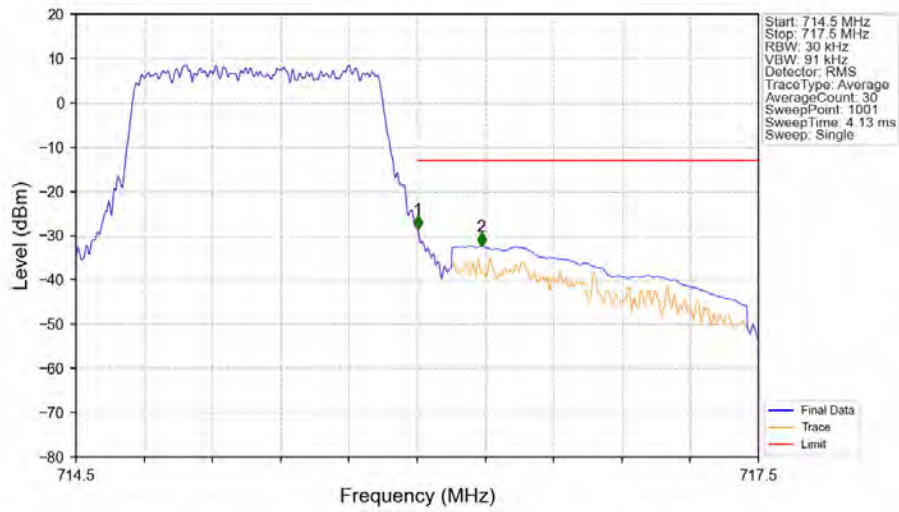


Band12 1.4MHz 16QAM HCH 715.3MHz RB 1 5 NTNV



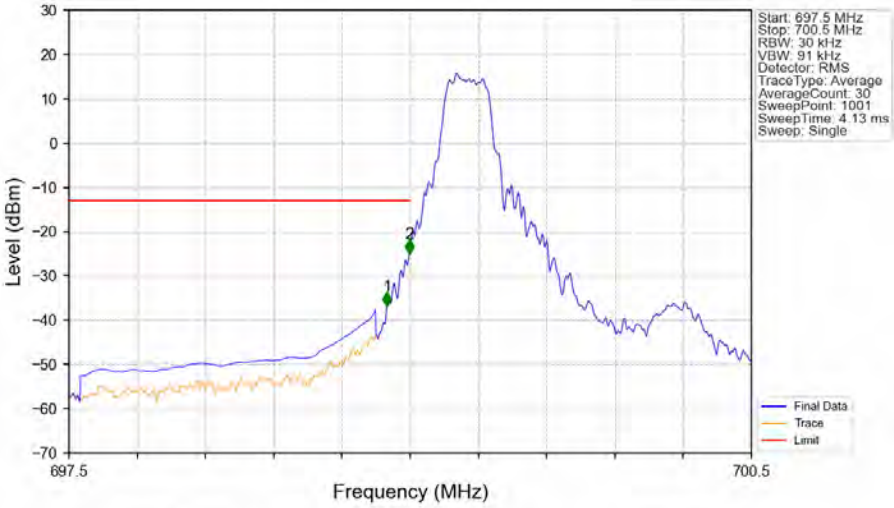
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.003	-19.93	-13	Pass
716.1	719	0.1	CHP	2	716.153	-32.49	-13	Pass

Band12 1.4MHz 16QAM HCH 715.3MHz RB 6 0 NTNV



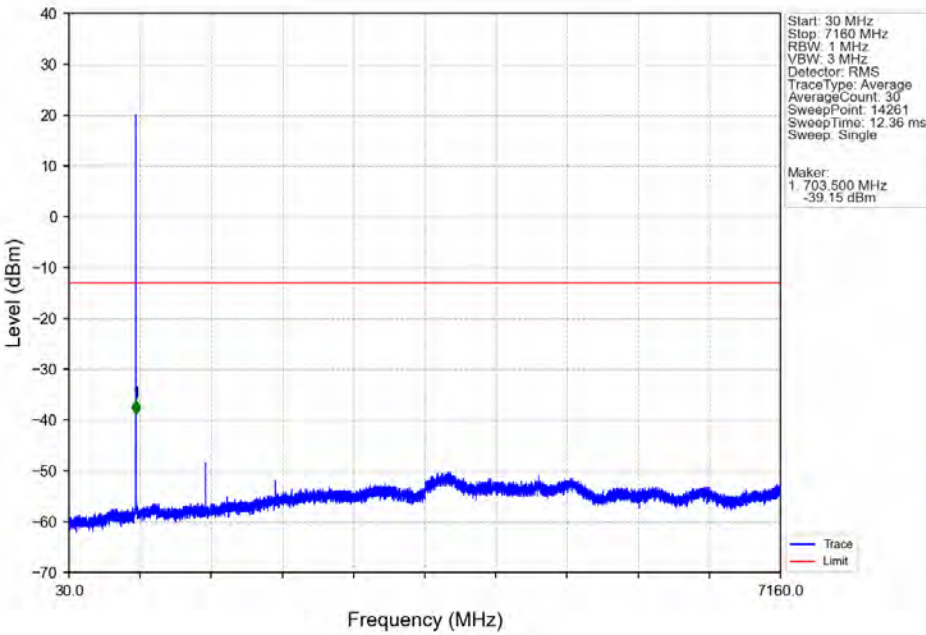
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.003	-28.51	-13	Pass
716.1	719	0.1	CHP	2	716.282	-32.38	-13	Pass

Band12 1.4MHz 64QAM LCH 699.7MHz RB 1 0 NTNV

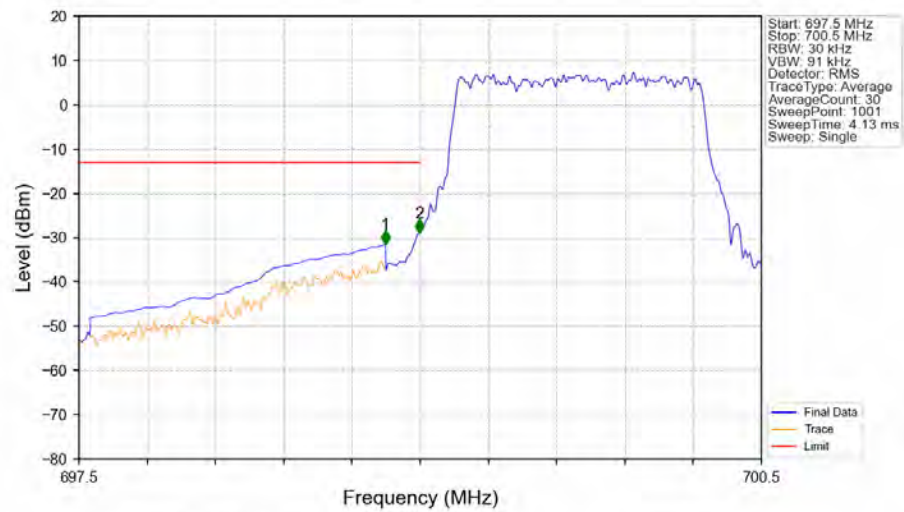


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.898	-36.73	-13	Pass
698.9	699	0.03	/	2	698.997	-24.90	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12 1.4MHz 64QAM LCH 699.7MHz RB 1 0 NTNV

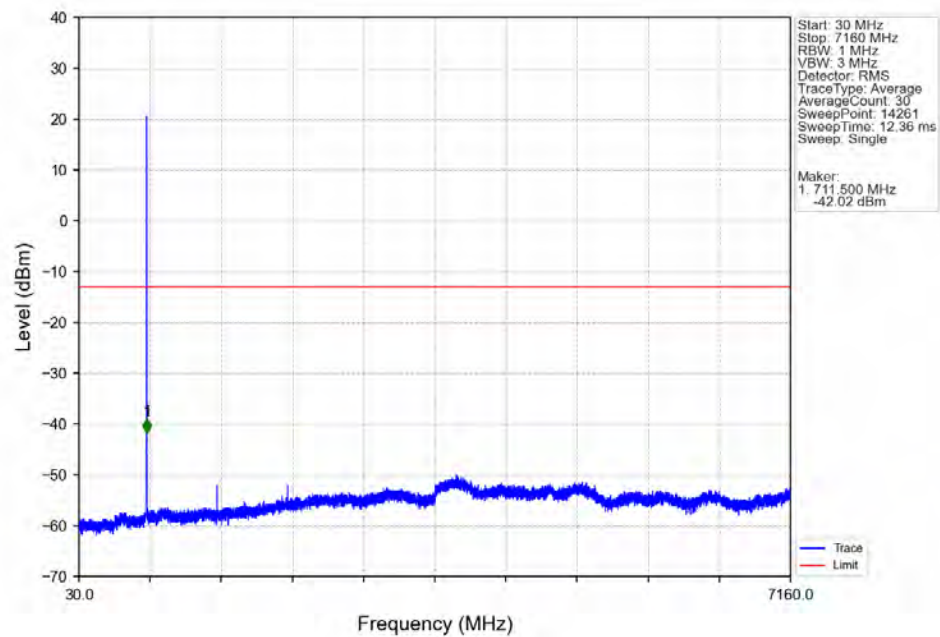


Band12 1.4MHz 64QAM LCH 699.7MHz RB 6 0 NTV

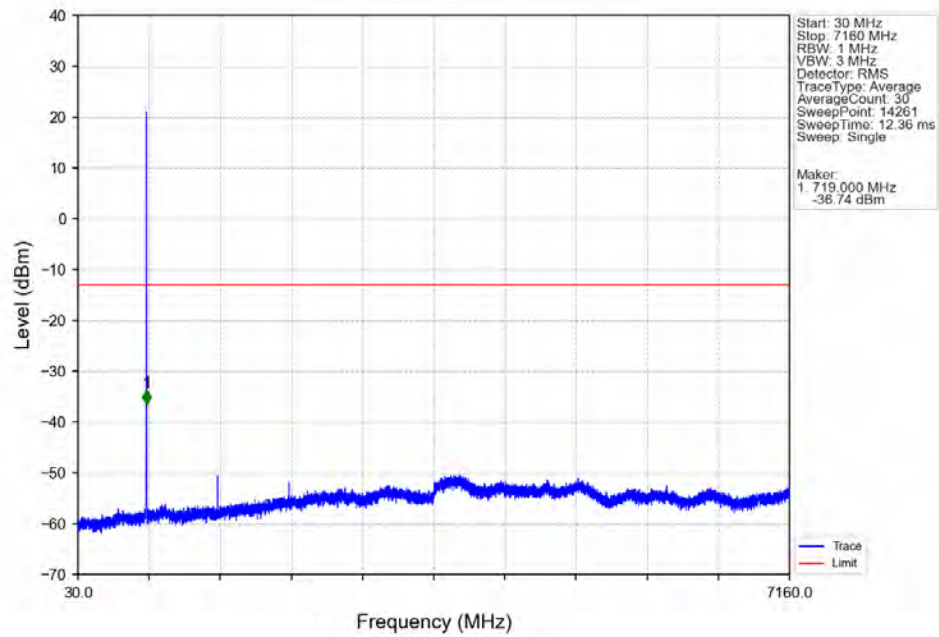


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.847	-31.55	-13	Pass
698.9	699	0.03	/	2	698.997	-28.88	-13	Pass
699	702	0.03	/	/	/	/	/	/

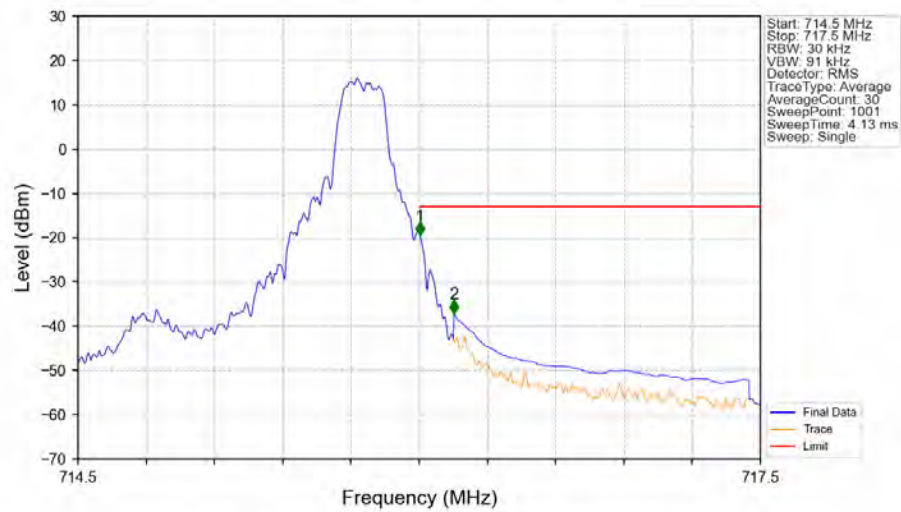
Band12 1.4MHz 64QAM MCH 707.5MHz RB 1 0 NTV



Band12 1.4MHz 64QAM HCH 715.3MHz RB 1 0 NTNV

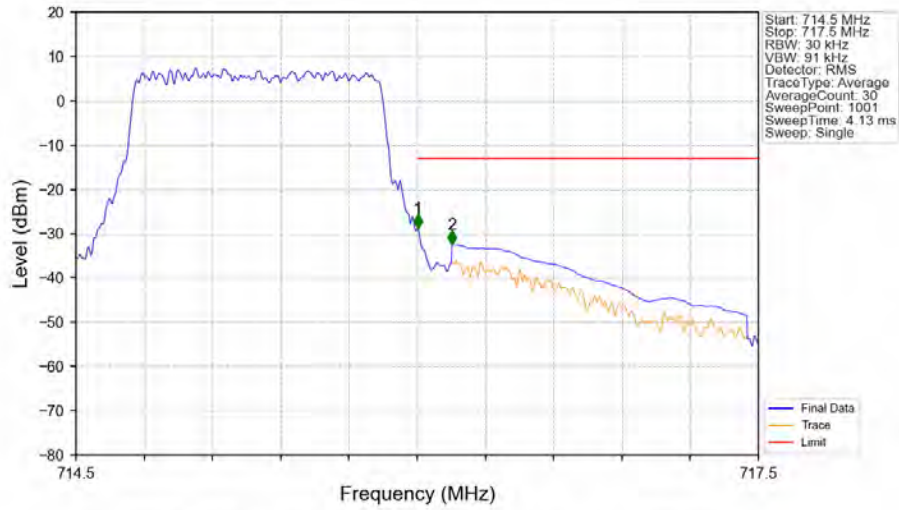


Band12 1.4MHz 64QAM HCH 715.3MHz RB 1 5 NTNV



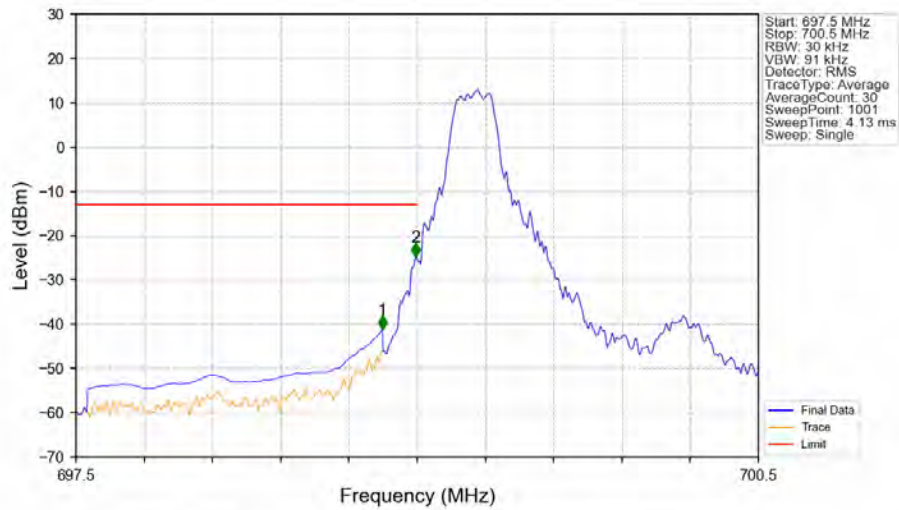
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.003	-19.44	-13	Pass
716.1	719	0.1	CHP	2	716.153	-37.22	-13	Pass

Band12 1.4MHz 64QAM HCH 715.3MHz RB 6 0 NTN



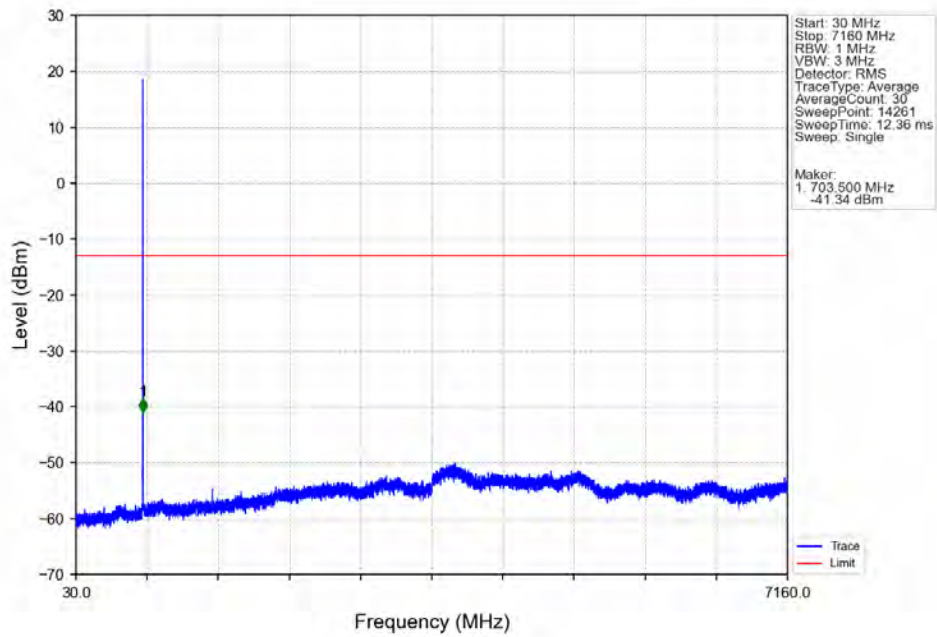
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.003	-28.80	-13	Pass
716.1	719	0.1	CHP	2	716.153	-32.44	-13	Pass

Band12 1.4MHz 256QAM LCH 699.7MHz RB 1 0 NTN

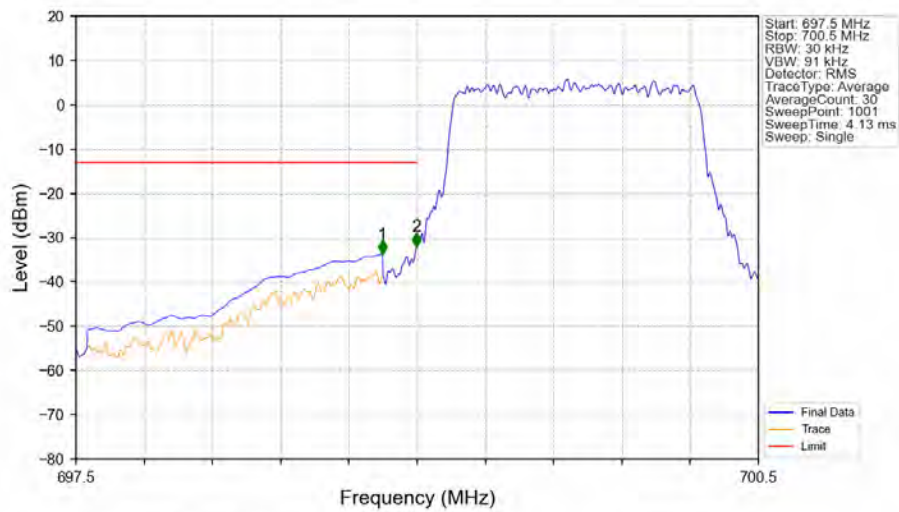


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.847	-41.14	-13	Pass
698.9	699	0.03	/	2	698.994	-24.74	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12 1.4MHz 256QAM LCH 699.7MHz RB 1 0 NTNV

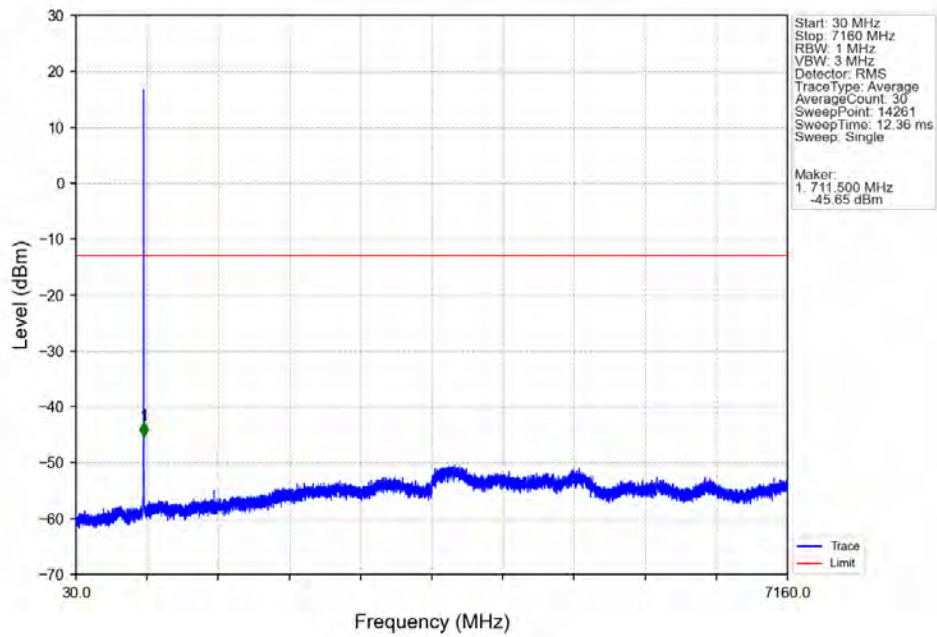


Band12 1.4MHz 256QAM LCH 699.7MHz RB 6 0 NTNV

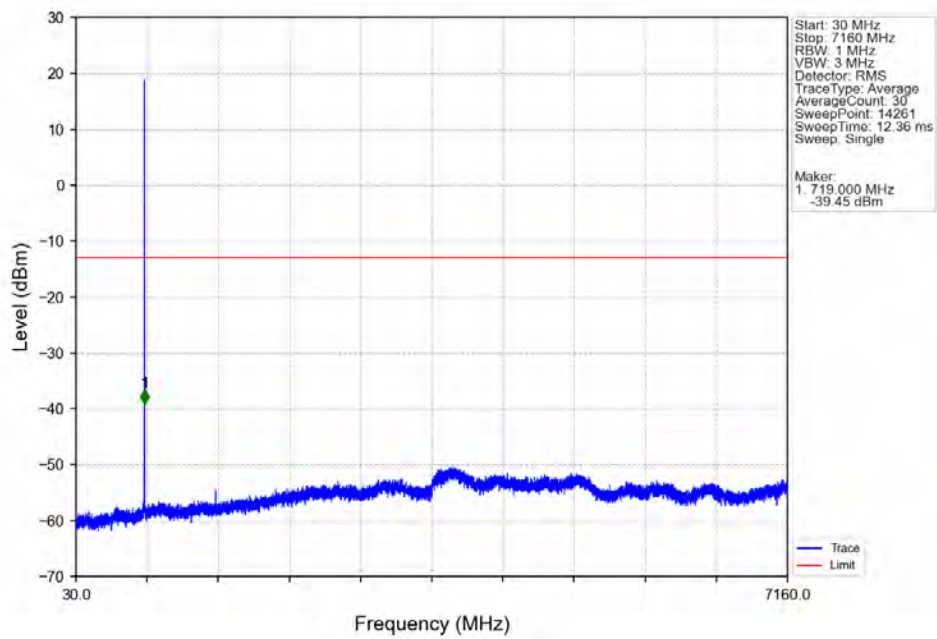


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.847	-33.61	-13	Pass
698.9	699	0.03	/	2	698.997	-31.95	-13	Pass
699	702	0.03	/	/	/	/	/	/

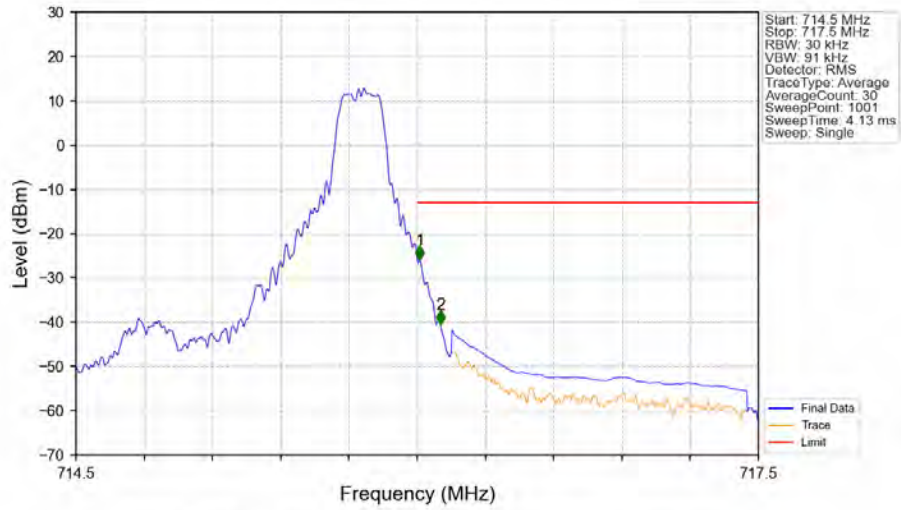
Band12 1.4MHz 256QAM MCH 707.5MHz RB 1 0 NTNV



Band12 1.4MHz 256QAM HCH 715.3MHz RB 1 0 NTNV

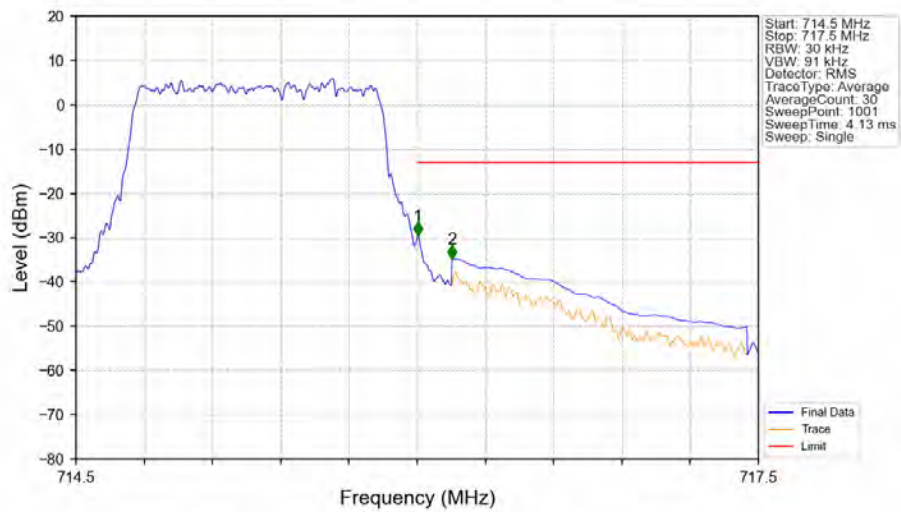


Band12 1.4MHz 256QAM HCH 715.3MHz RB 1 5 NTNV



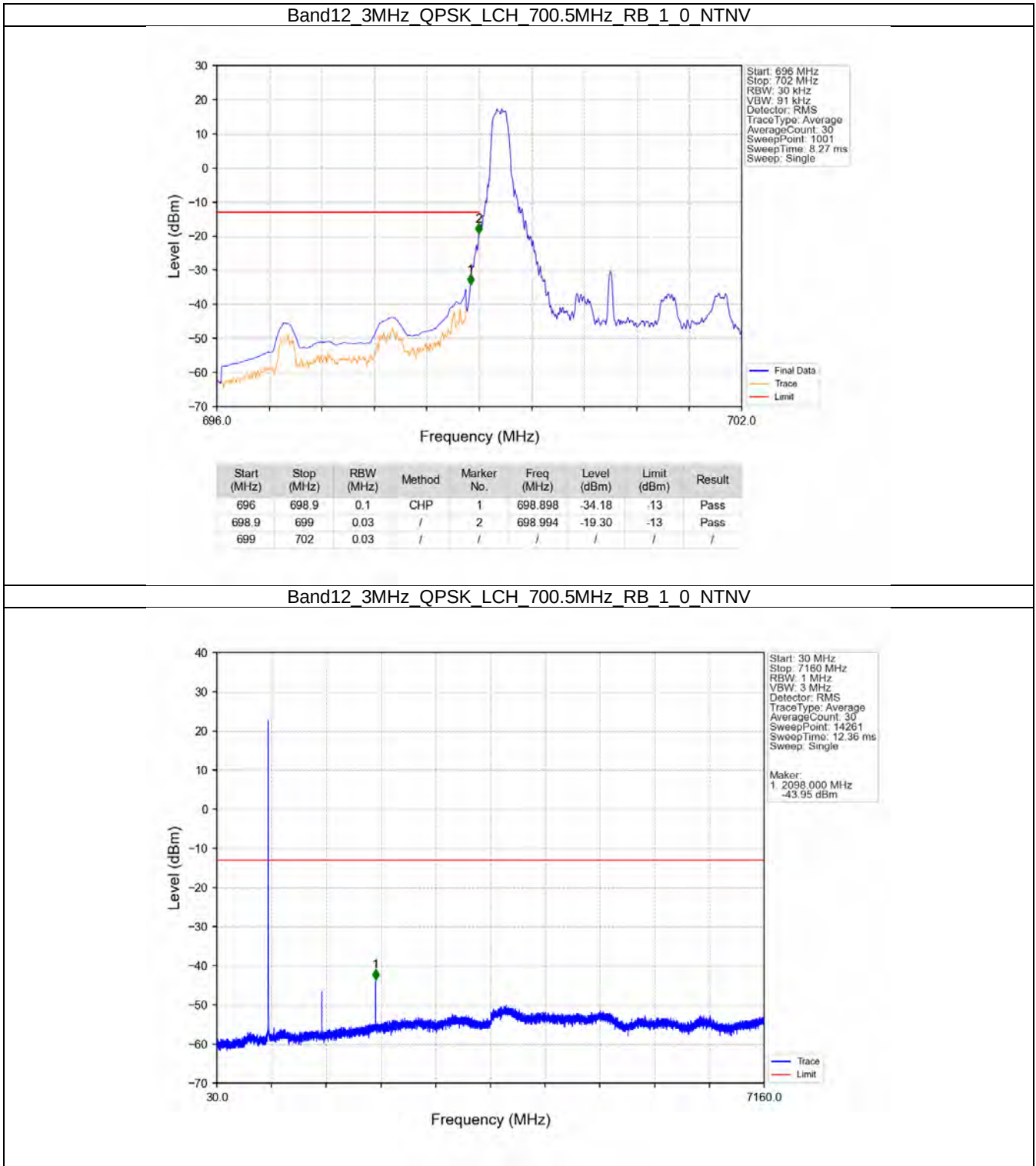
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.012	-25.92	-13	Pass
716.1	719	0.1	CHP	2	716.102	-40.45	-13	Pass

Band12 1.4MHz 256QAM HCH 715.3MHz RB 6 0 NTNV

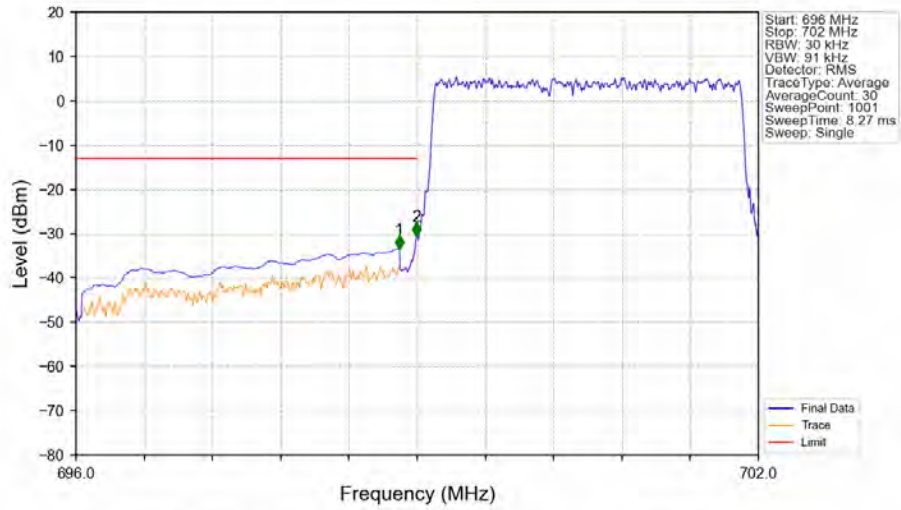


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.003	-29.44	-13	Pass
716.1	719	0.1	CHP	2	716.153	-34.80	-13	Pass

5.2.2 B12_3MHz

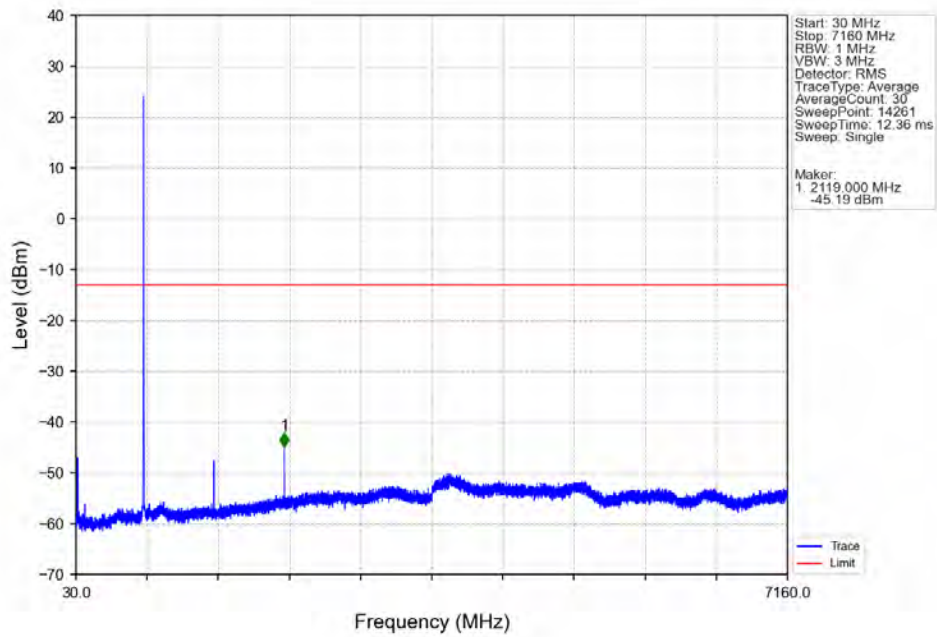


Band12 3MHz QPSK LCH 700.5MHz RB 15 0 NTN

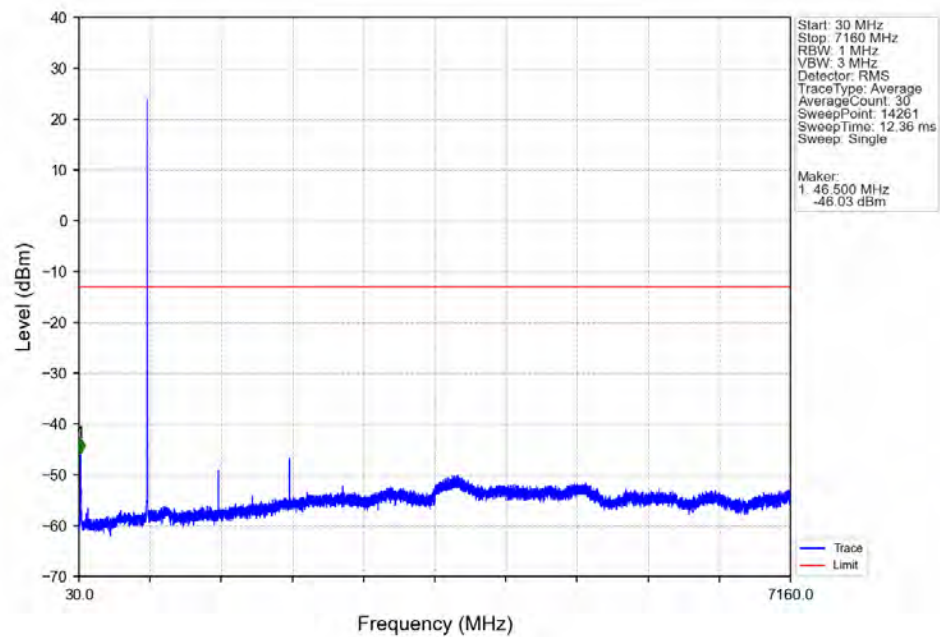


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-33.47	-13	Pass
698.9	699	0.03	/	2	698.994	-30.64	-13	Pass
699	702	0.03	/	/	/	/	/	/

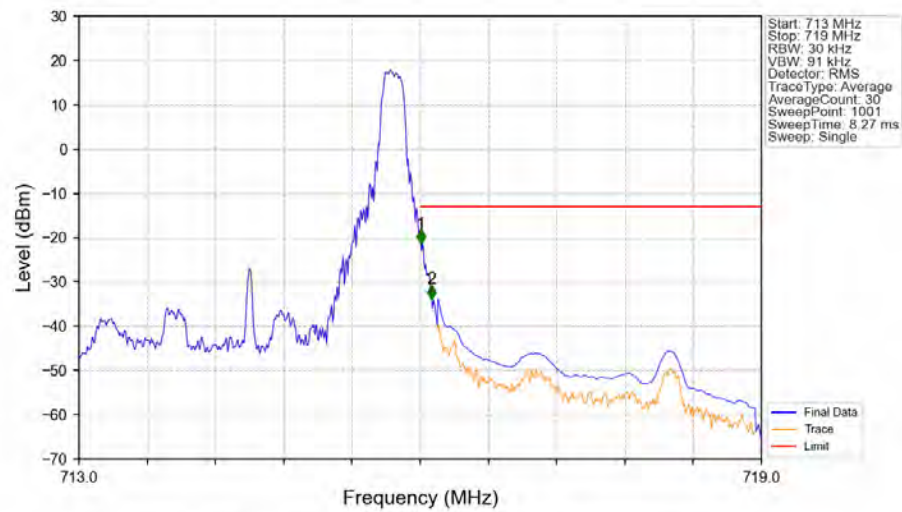
Band12 3MHz QPSK MCH 707.5MHz RB 1 0 NTN



Band12 3MHz QPSK HCH 714.5MHz RB 1 0 NTN

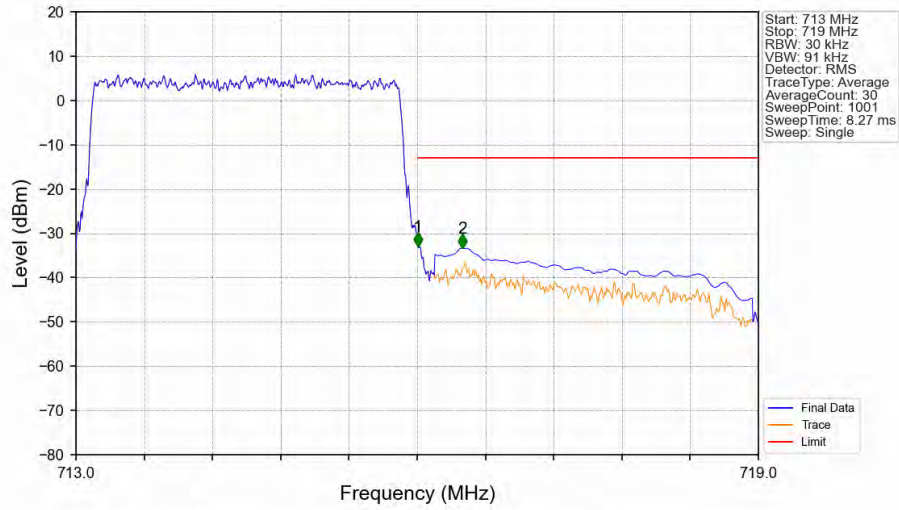


Band12_3MHz_QPSK_HCH_714.5MHz_RB_1_14_NTN



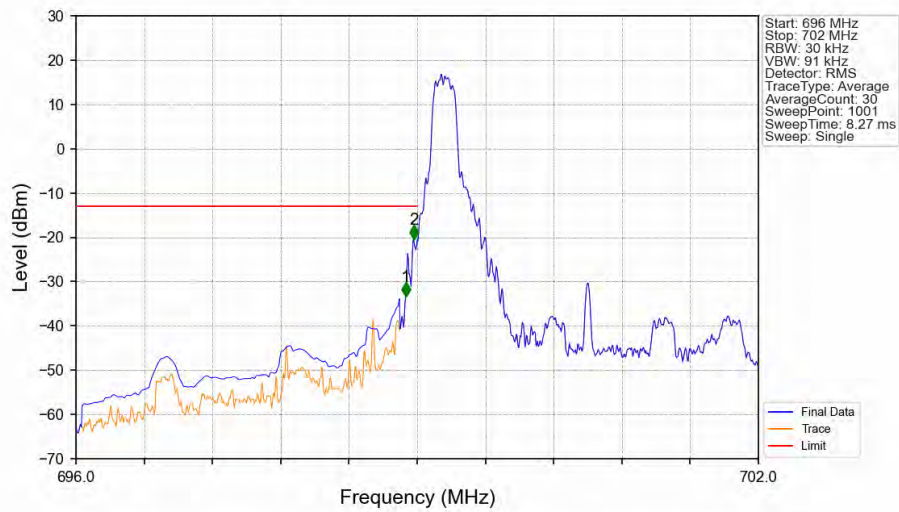
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-21.32	-13	Pass
716.1	719	0.1	CHP	2	716.102	-33.79	-13	Pass

Band12 3MHz QPSK HCH 714.5MHz RB 15 0 NTV



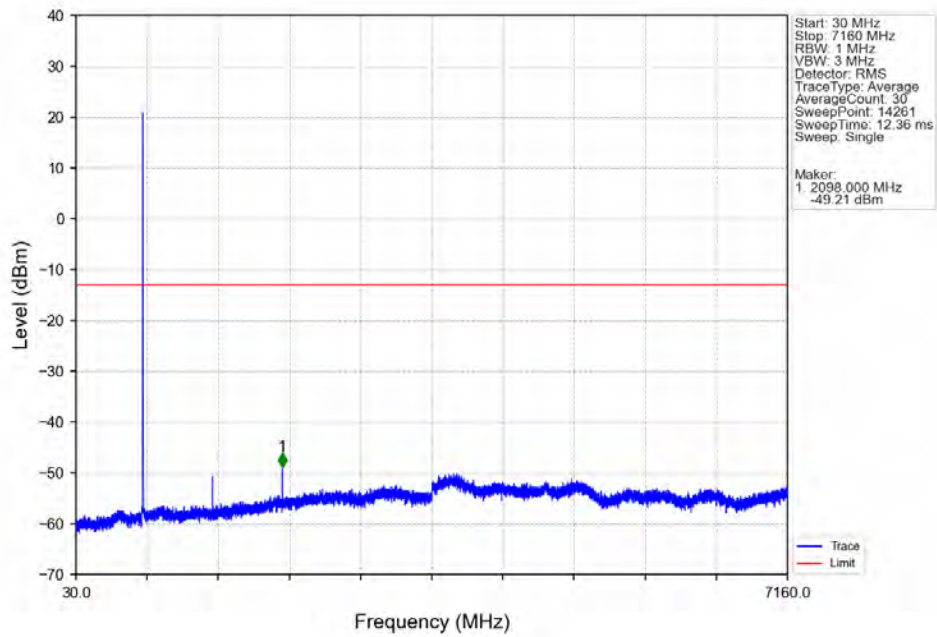
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-32.93	-13	Pass
716.1	719	0.1	CHP	2	716.396	-33.39	-13	Pass

Band12 3MHz 16QAM LCH 700.5MHz RB 1 0 NTV

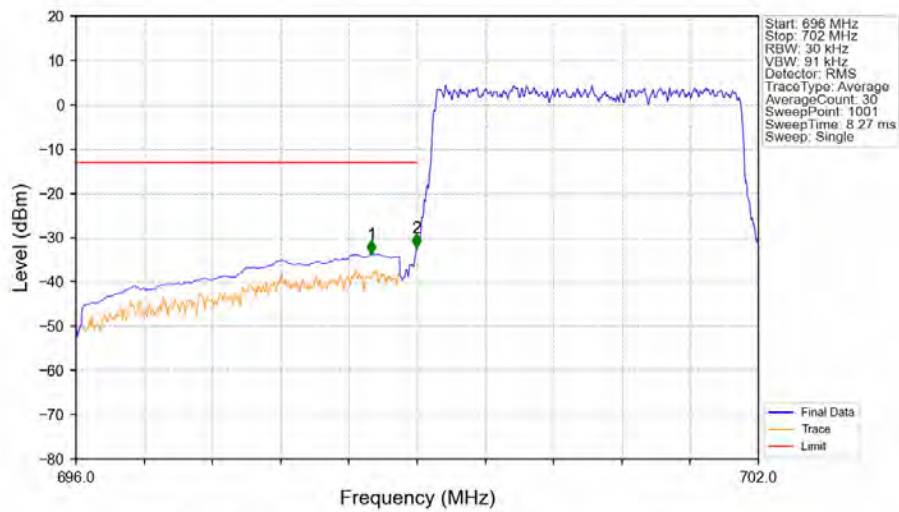


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.898	-33.36	-13	Pass
698.9	699	0.03	/	2	698.970	-20.48	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12 3MHz 16QAM LCH 700.5MHz RB 1 0 NTV

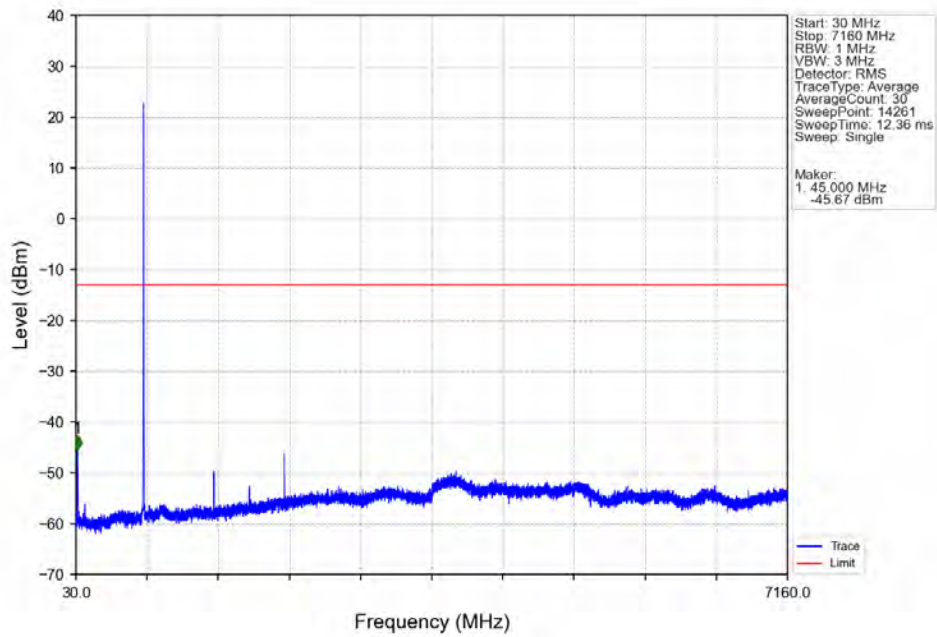


Band12 3MHz 16QAM LCH 700.5MHz RB 15 0 NTV

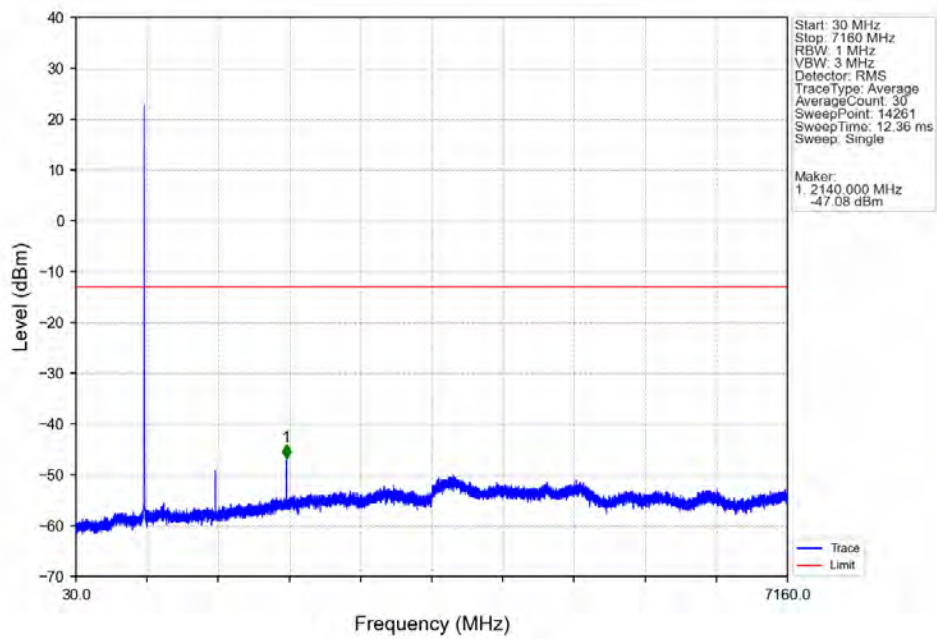


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.598	-33.70	-13	Pass
698.9	699	0.03	/	2	698.994	-32.29	-13	Pass
699	702	0.03	/	/	/	/	/	/

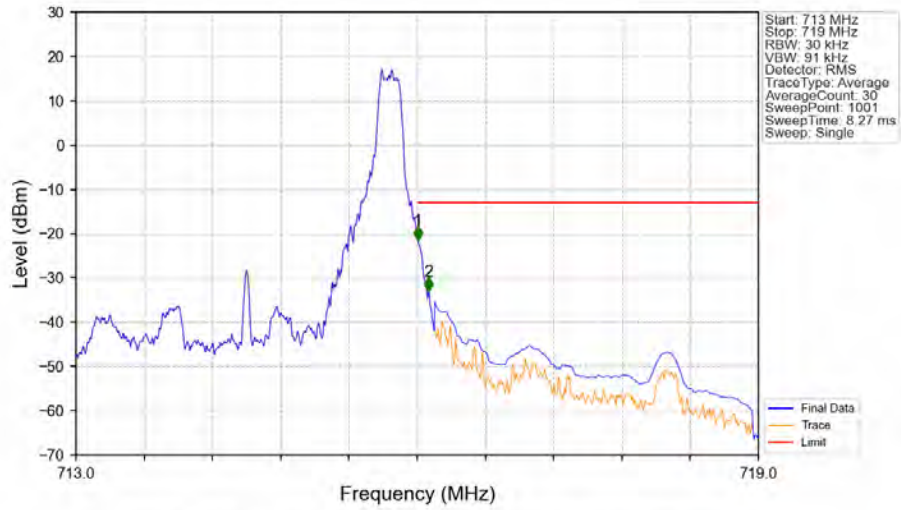
Band12 3MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



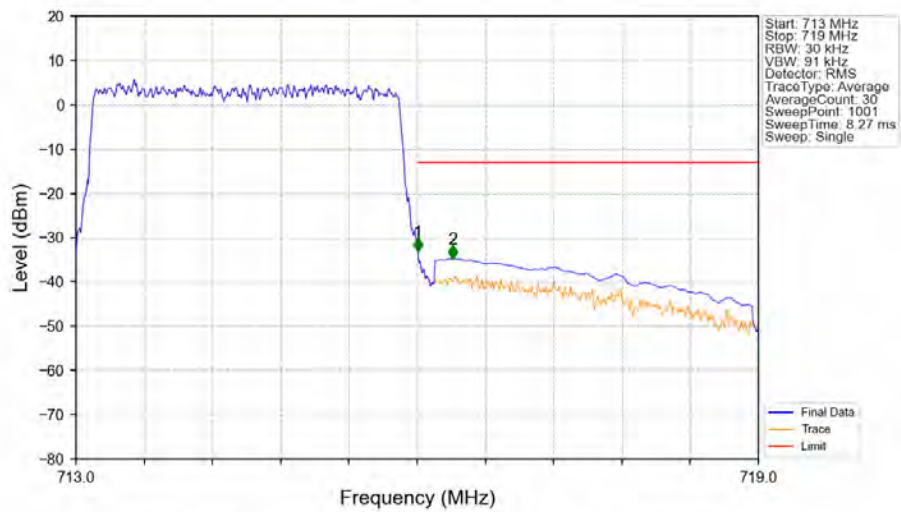
Band12_3MHz_16QAM_HCH_714.5MHz_RB_1_0_NTNV



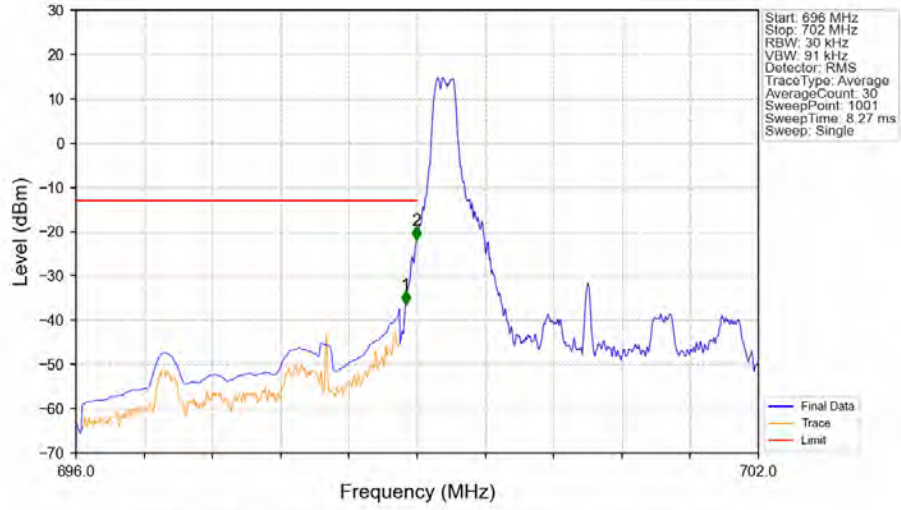
Band12 3MHz 16QAM HCH 714.5MHz RB 1 14 NTNV



Band12 3MHz 16QAM HCH 714.5MHz RB 15 0 NTNV

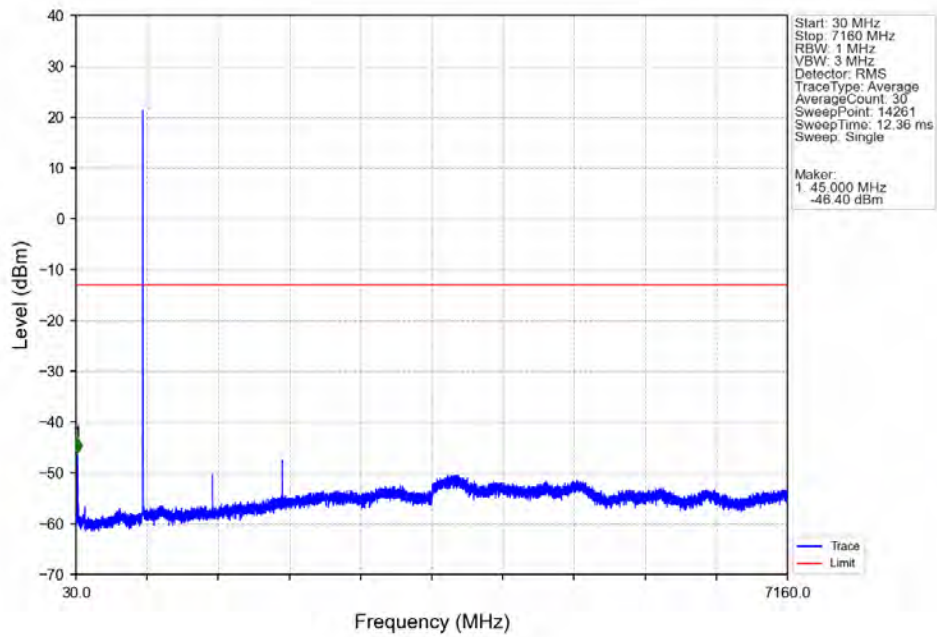


Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV

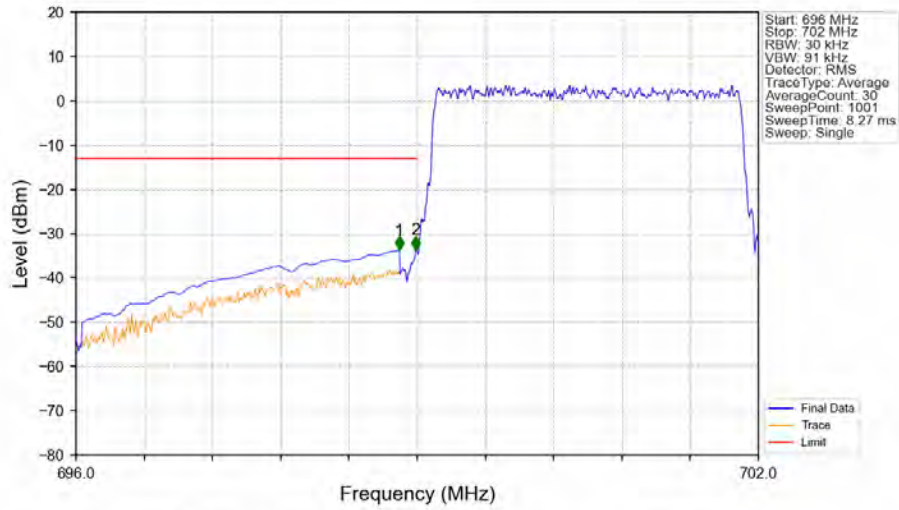


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.898	-36.40	-13	Pass
698.9	699	0.03	/	2	698.994	-21.77	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12_3MHz_64QAM_LCH_700.5MHz_RB_1_0_NTNV

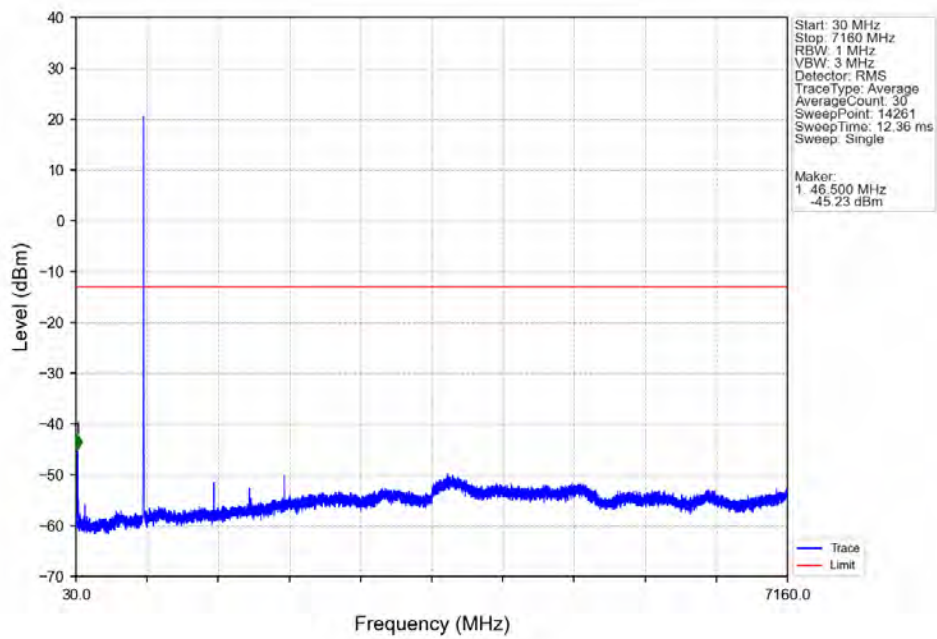


Band12 3MHz 64QAM LCH 700.5MHz RB 15 0 NTNV

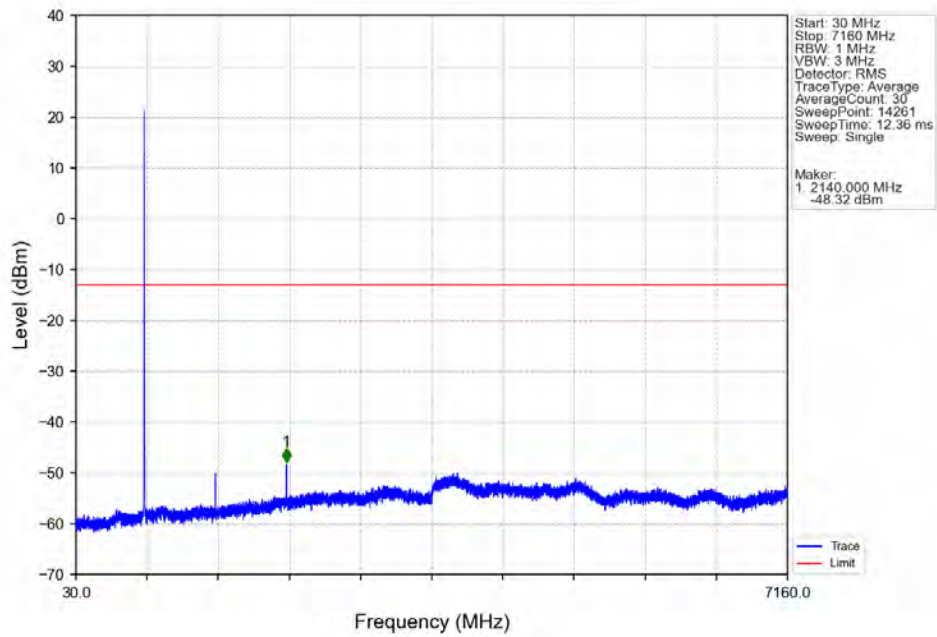


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-33.76	-13	Pass
698.9	699	0.03	/	2	698.988	-33.59	-13	Pass
699	702	0.03	/	/	/	/	/	/

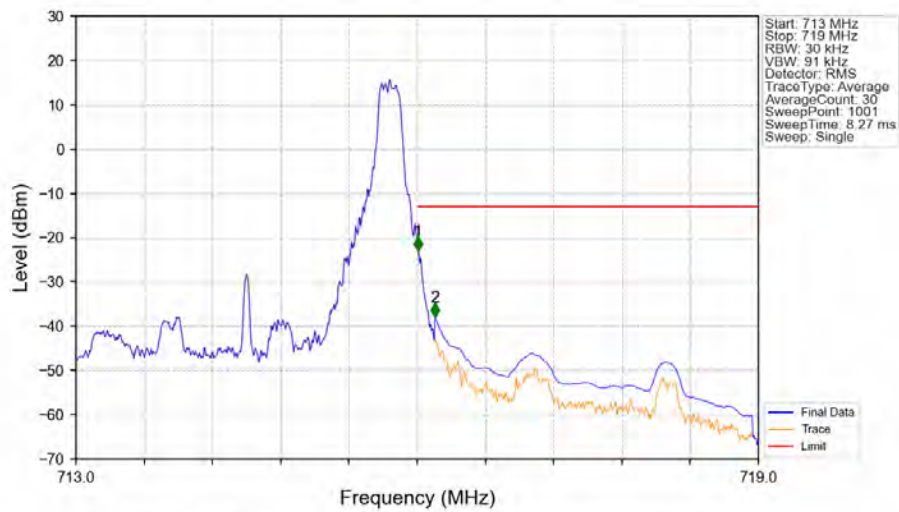
Band12_3MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12 3MHz 64QAM HCH 714.5MHz RB 1 0 NTNV

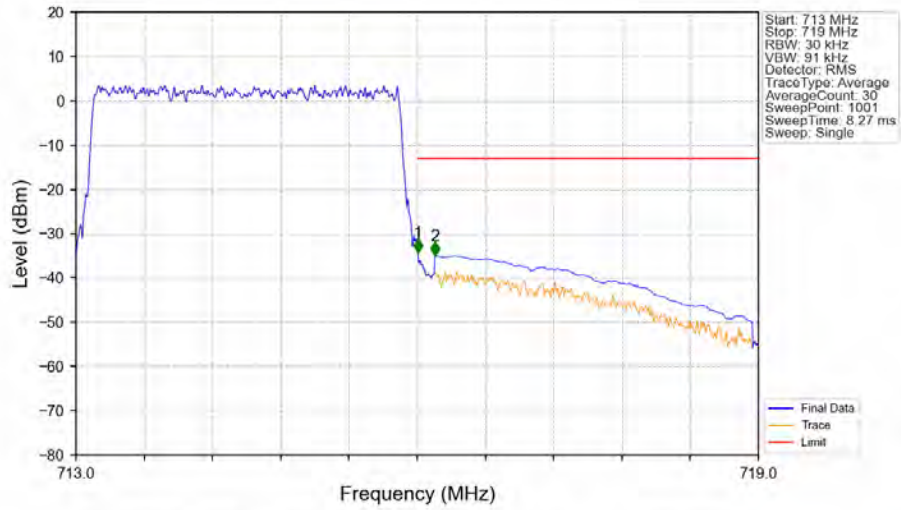


Band12_3MHz_64QAM_HCH_714.5MHz_RB_1_14_NTNV



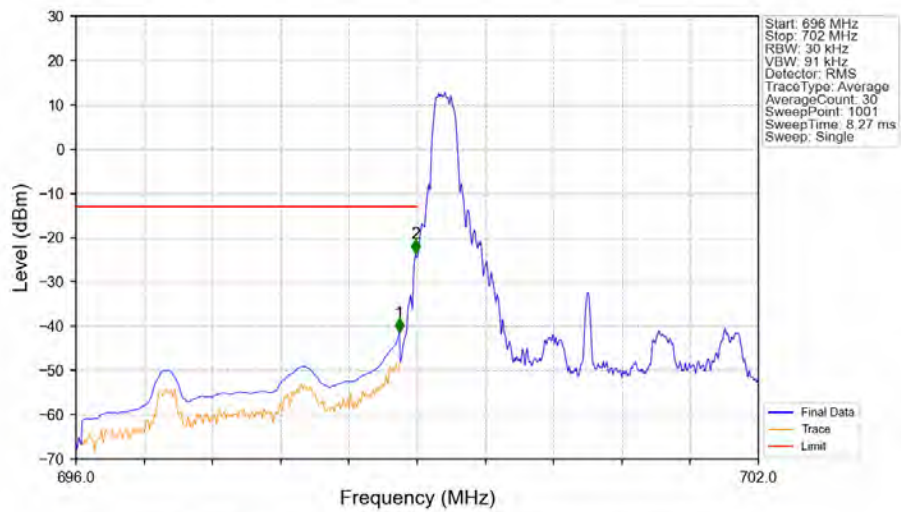
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-22.97	-13	Pass
716.1	719	0.1	CHP	2	716.156	-37.82	-13	Pass

Band12 3MHz 64QAM HCH 714.5MHz RB 15 0 NTNV



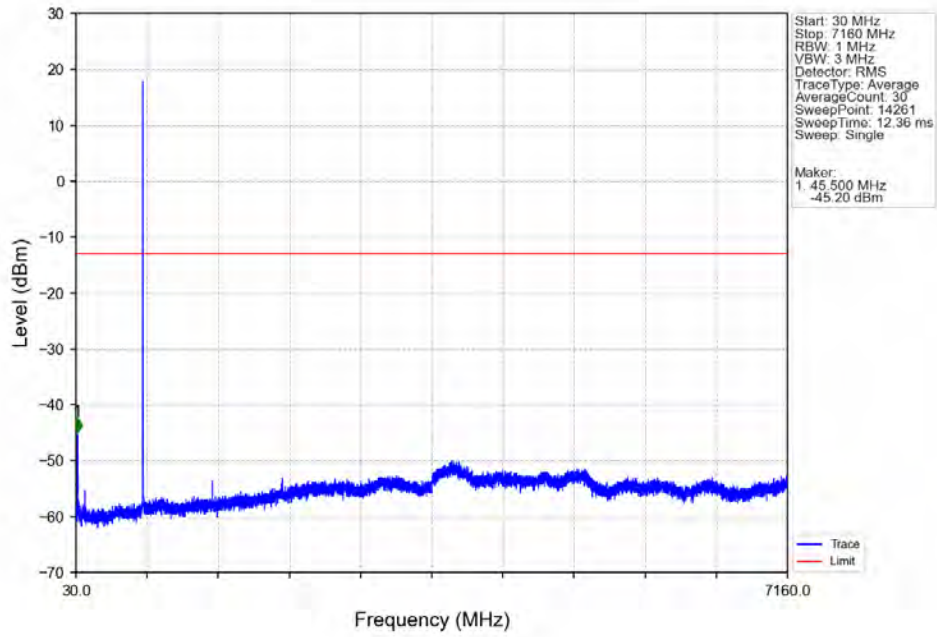
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.006	-34.19	-13	Pass
716.1	719	0.1	CHP	2	716.156	-34.88	-13	Pass

Band12 3MHz 256QAM LCH 700.5MHz RB 1 0 NTNV

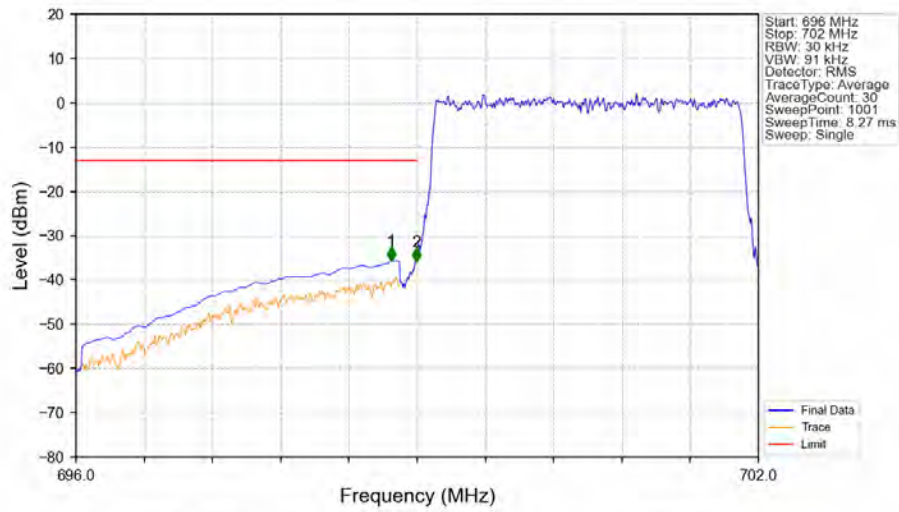


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.844	-41.36	-13	Pass
698.9	699	0.03	/	2	698.988	-23.56	-13	Pass
699	702	0.03	/	/	/	/	/	/

Band12 3MHz 256QAM LCH 700.5MHz RB 1 0 NTNV

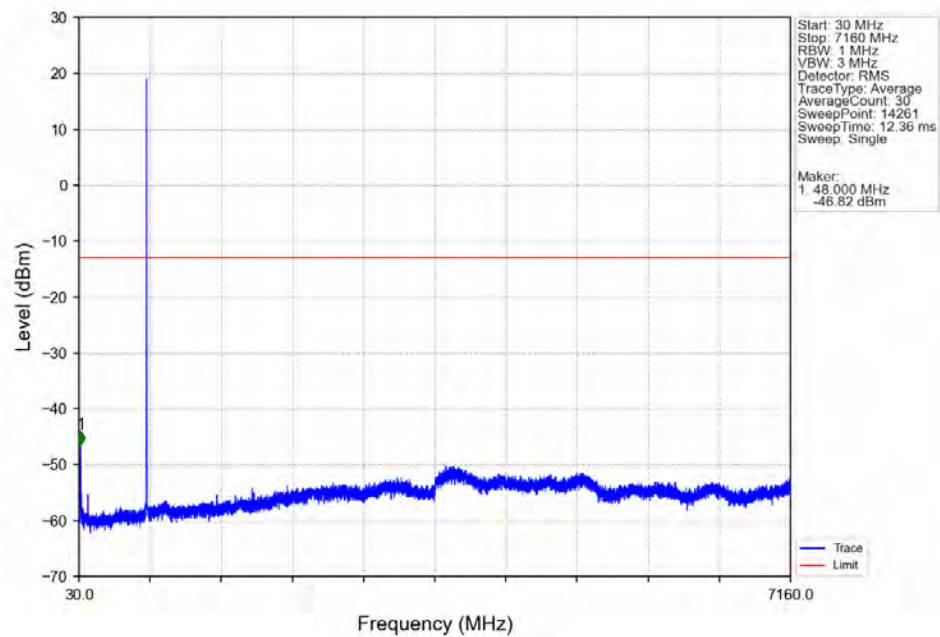


Band12 3MHz 256QAM LCH 700.5MHz RB 15 0 NTNV

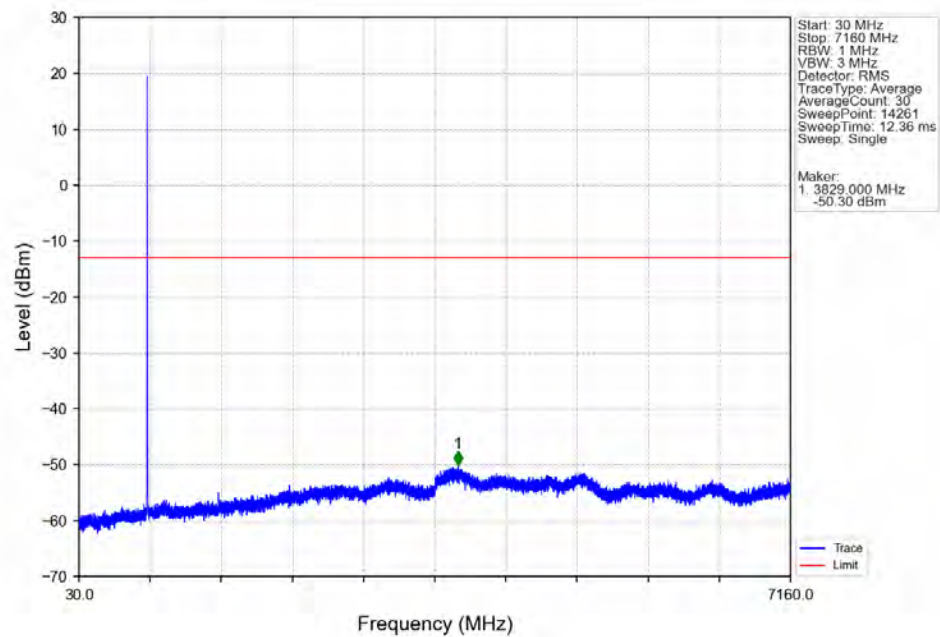


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
696	698.9	0.1	CHP	1	698.772	-35.65	-13	Pass
698.9	699	0.03	/	2	698.994	-35.79	-13	Pass
699	702	0.03	/	/	/	/	/	/

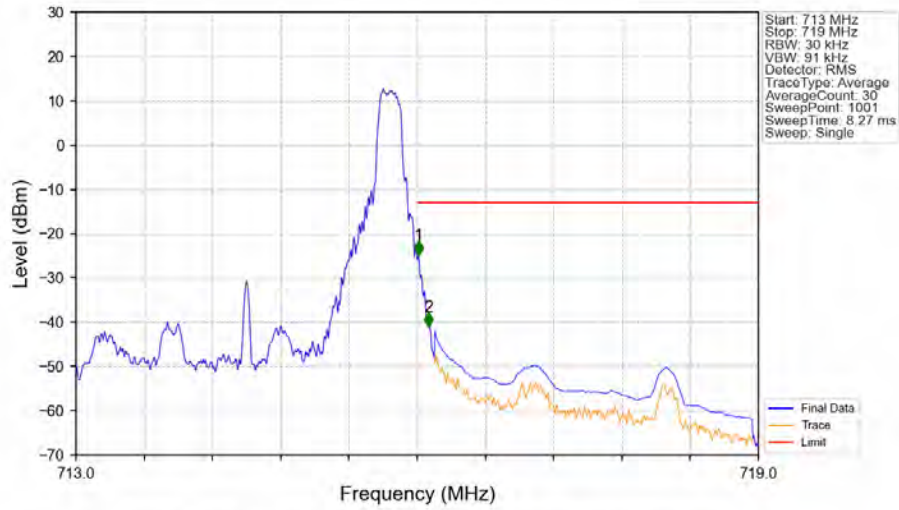
Band12 3MHz 256QAM MCH 707.5MHz RB 1 0 NTNV



Band12 3MHz 256QAM HCH 714.5MHz RB 1 0 NTNV

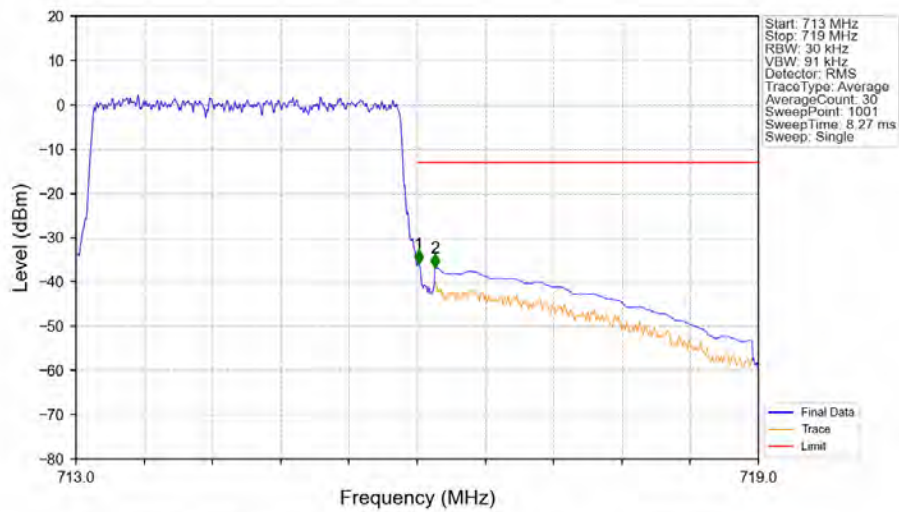


Band12 3MHz 256QAM HCH 714.5MHz RB 1 14 NTN



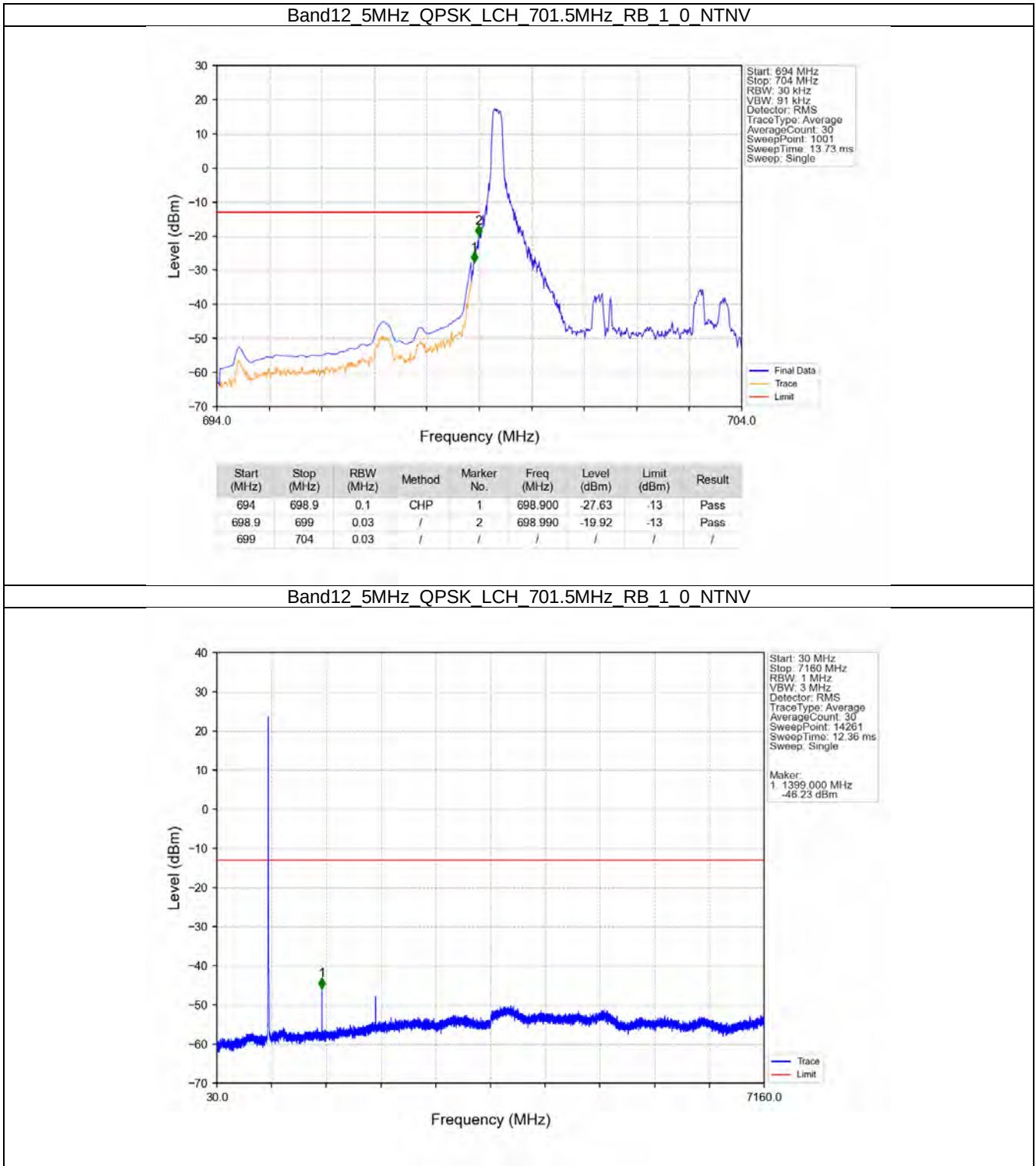
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.012	-24.82	-13	Pass
716.1	719	0.1	CHP	2	716.102	-41.00	-13	Pass

Band12 3MHz 256QAM HCH 714.5MHz RB 15_0 NTN

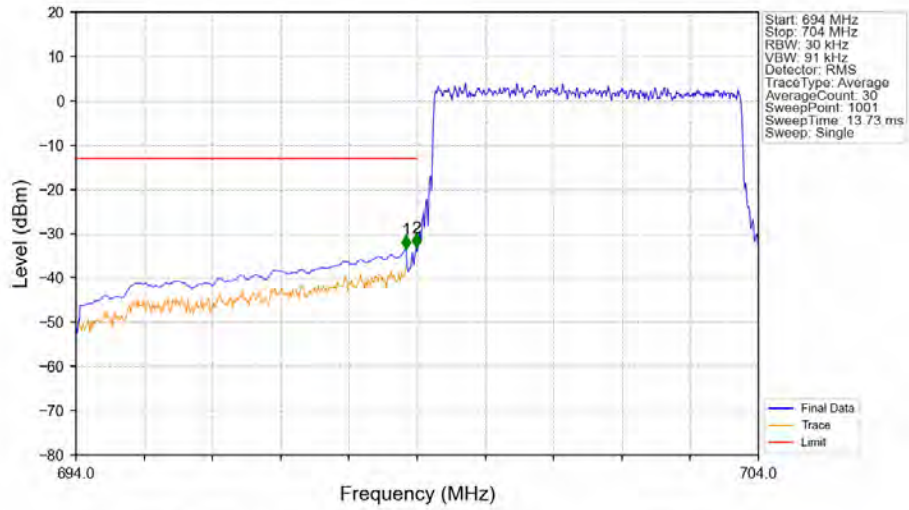


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
713	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.012	-35.86	-13	Pass
716.1	719	0.1	CHP	2	716.156	-36.78	-13	Pass

5.2.3 B12_5MHz

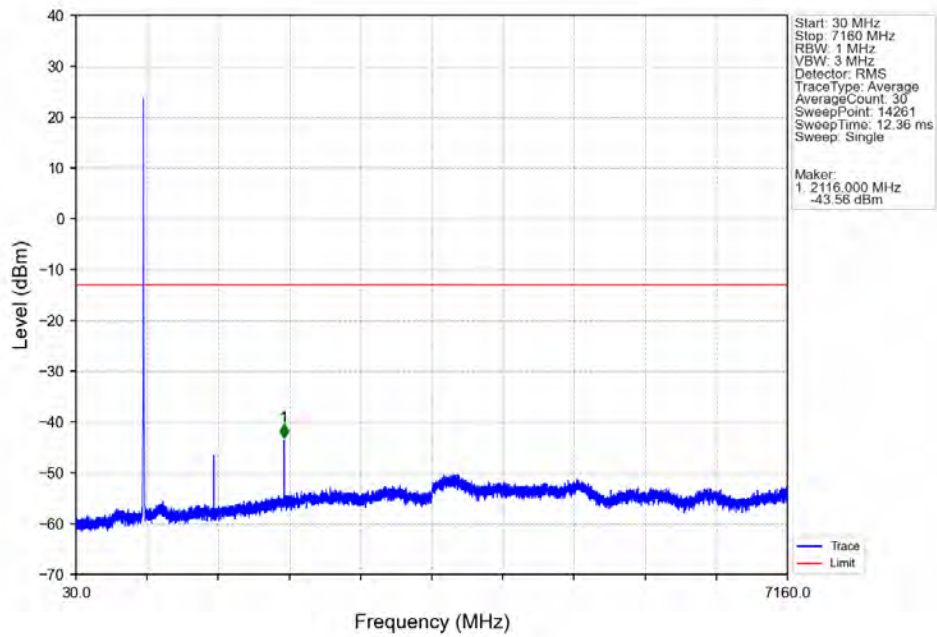


Band12 5MHz QPSK LCH 701.5MHz RB 25 0 NTN

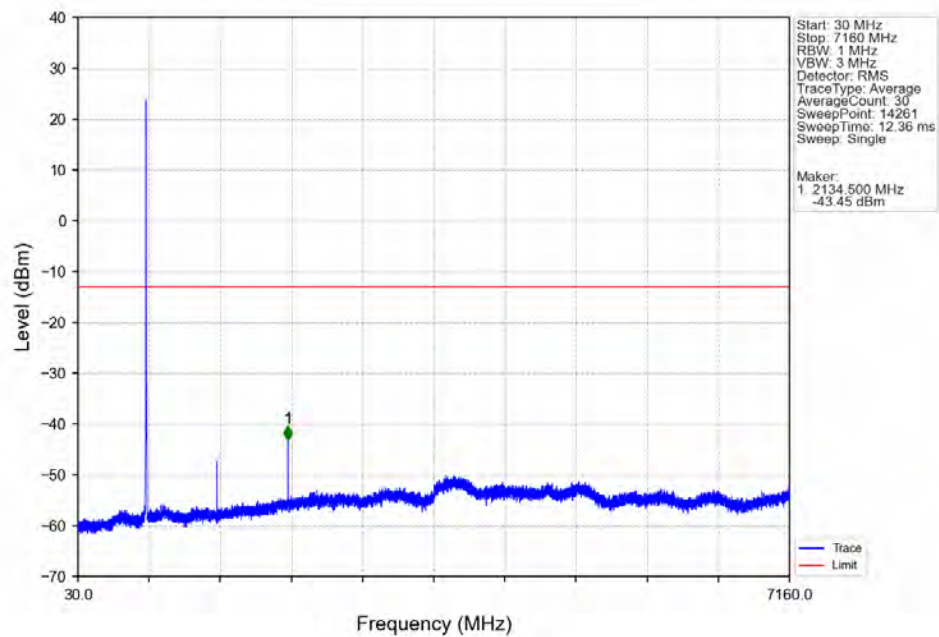


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-33.53	-13	Pass
698.9	699	0.03	/	2	698.990	-33.20	-13	Pass
699	704	0.03	/	/	/	/	/	/

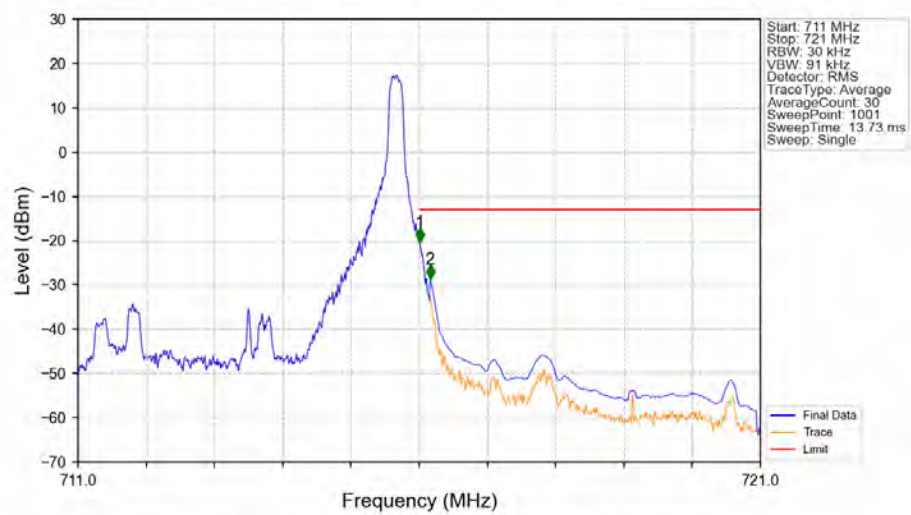
Band12 5MHz QPSK MCH 707.5MHz RB 1 0 NTN



Band12 5MHz QPSK HCH 713.5MHz RB 1 0 NTNV

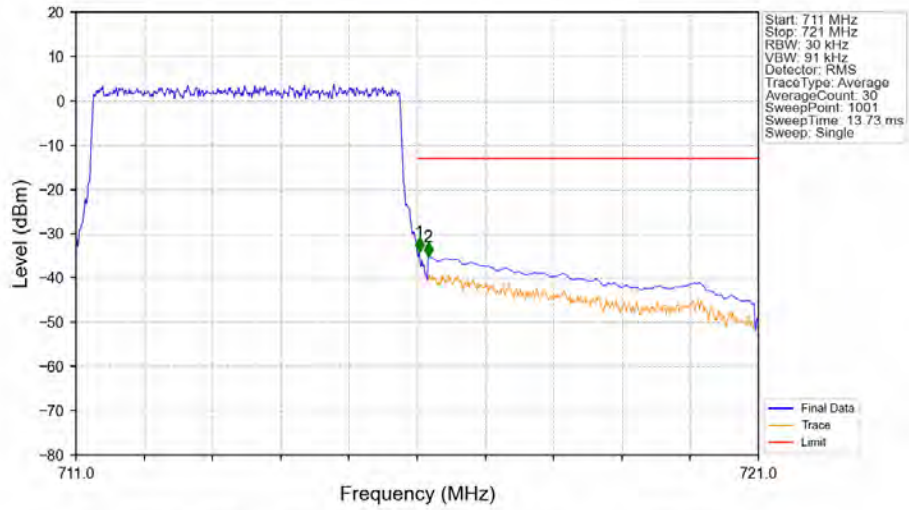


Band12_5MHz_QPSK_HCH_713.5MHz_RB_1_24_NTNV



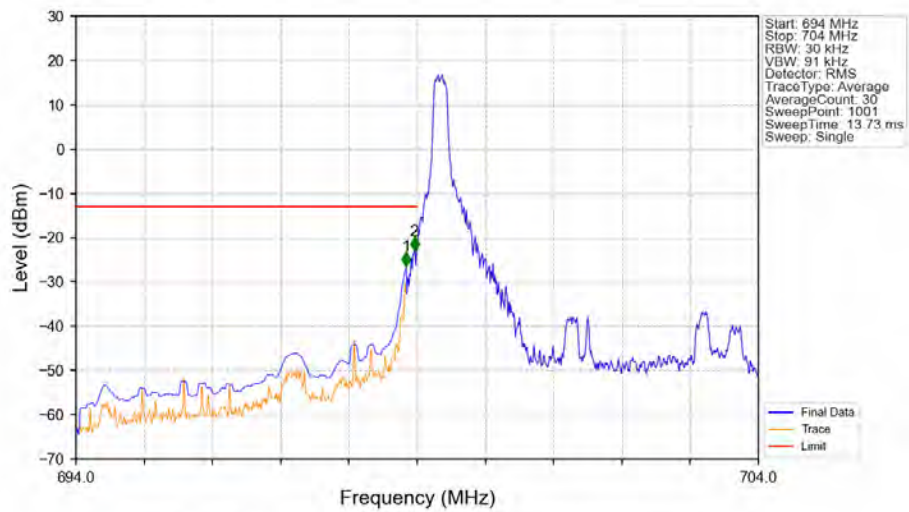
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-20.16	-13	Pass
716.1	721	0.1	CHP	2	716.160	-28.54	-13	Pass

Band12 5MHz QPSK HCH 713.5MHz RB 25 0 NTV



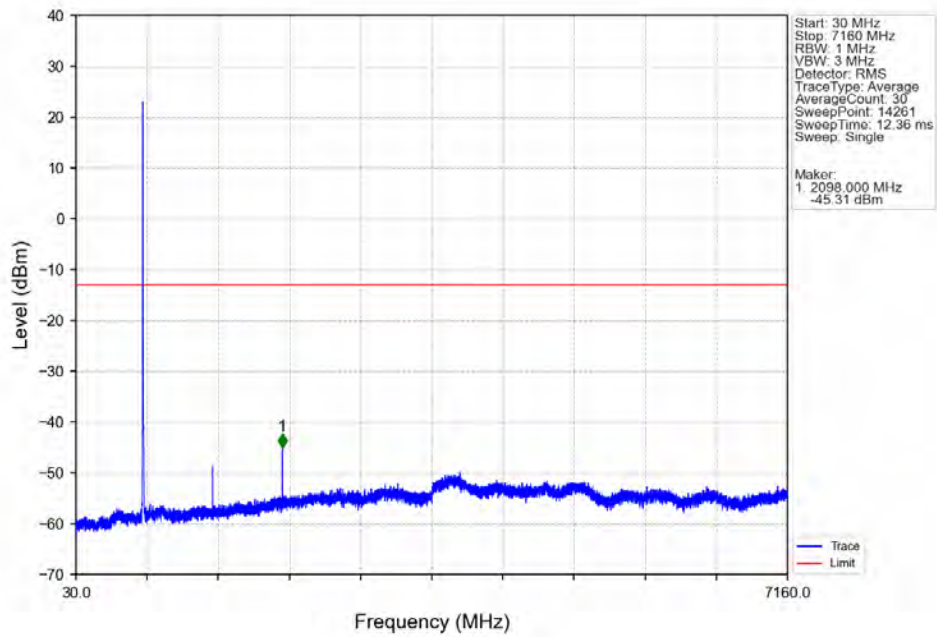
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.030	-33.99	-13	Pass
716.1	721	0.1	CHP	2	716.160	-35.14	-13	Pass

Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTV

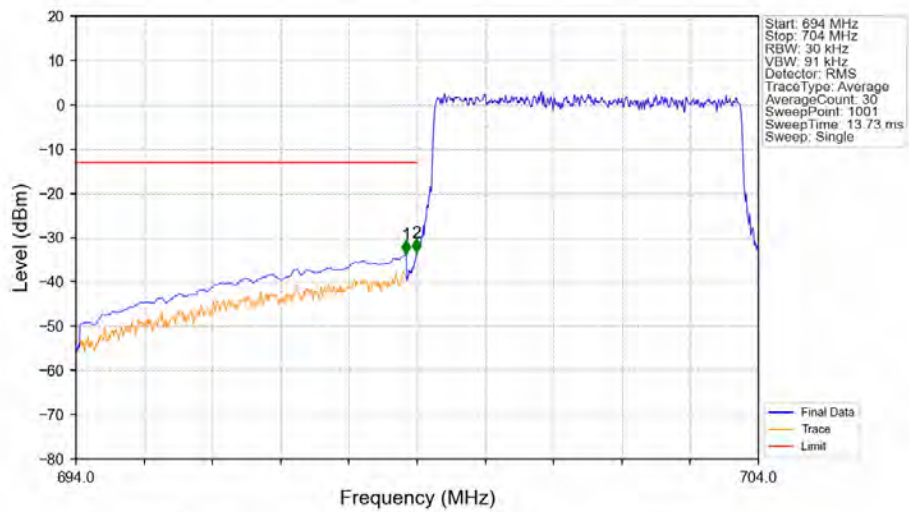


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-26.43	-13	Pass
698.9	699	0.03	/	2	698.960	-23.01	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12 5MHz 16QAM LCH 701.5MHz RB 1 0 NTV

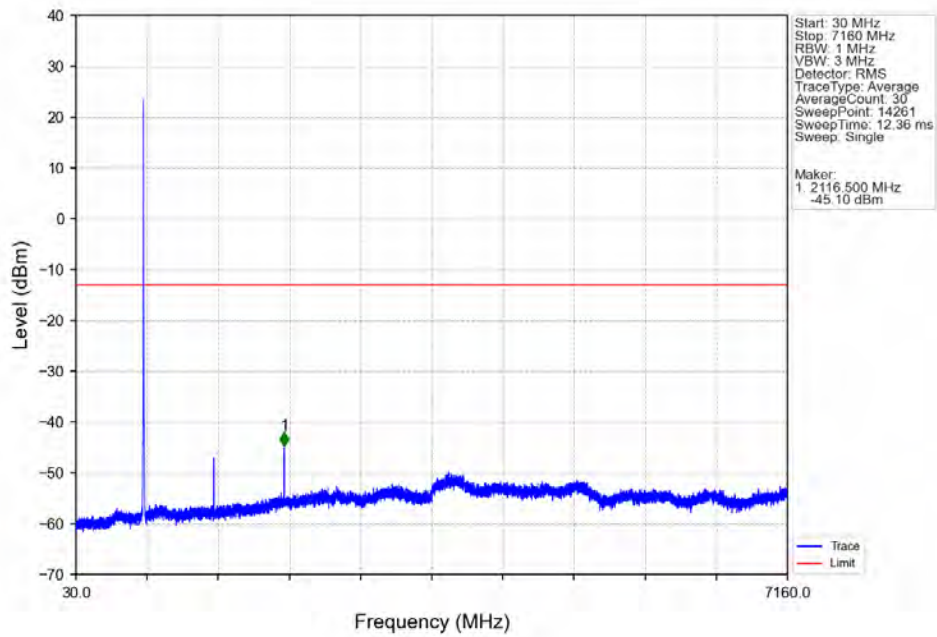


Band12 5MHz 16QAM LCH 701.5MHz RB 25 0 NTV

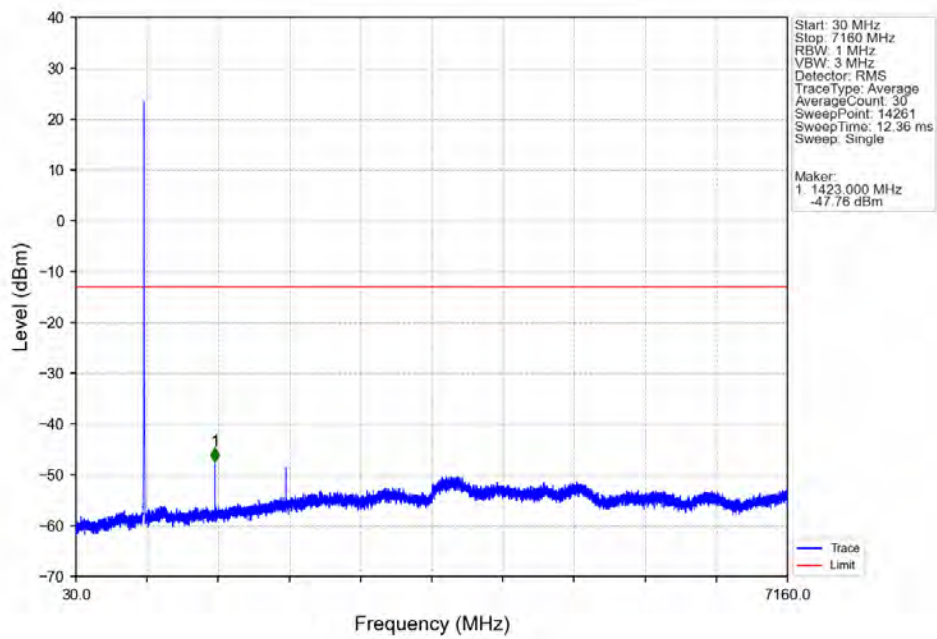


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-33.71	-13	Pass
698.9	699	0.03	/	2	698.990	-33.35	-13	Pass
699	704	0.03	/	/	/	/	/	/

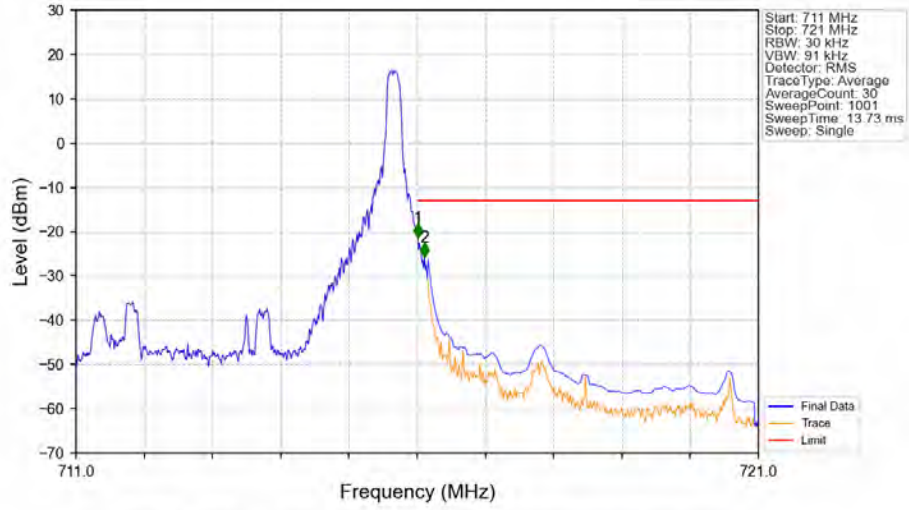
Band12 5MHz 16QAM MCH 707.5MHz RB 1 0 NTNV



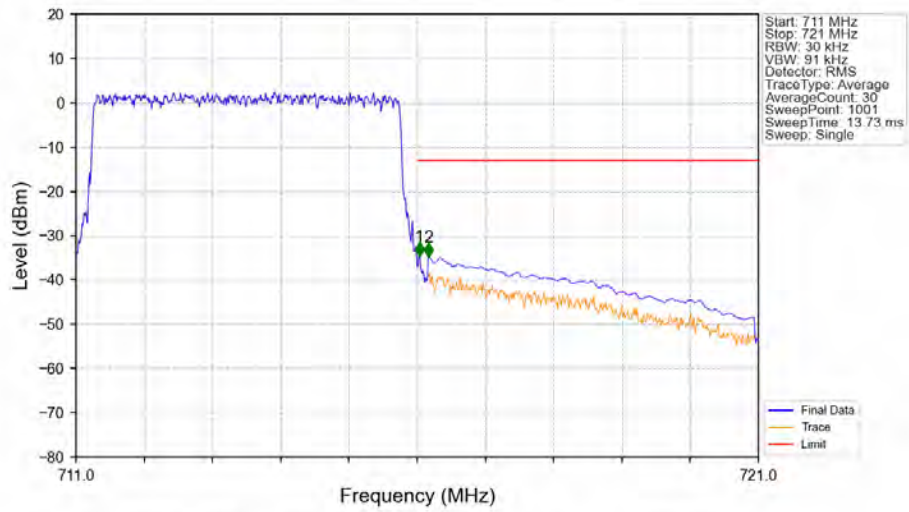
Band12_5MHz_16QAM_HCH_713.5MHz_RB_1_0_NTNV



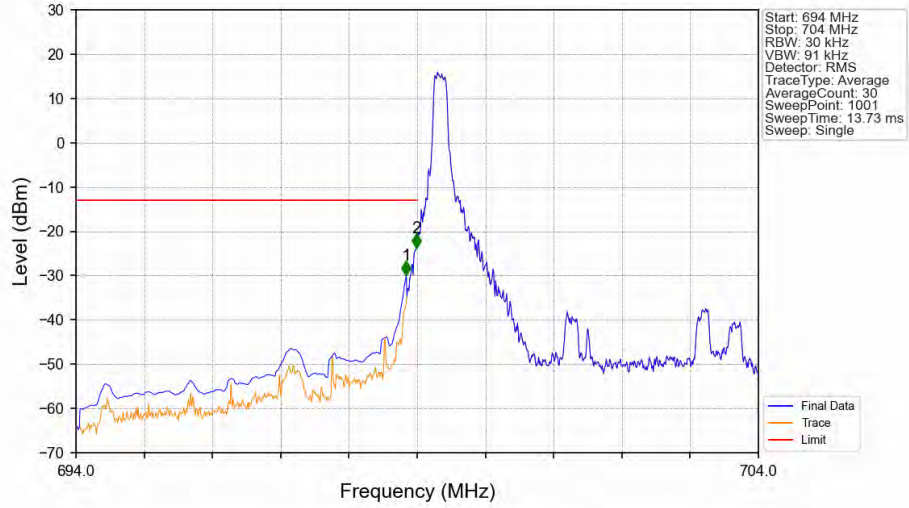
Band12 5MHz 16QAM HCH 713.5MHz RB 1 24 NTNV



Band12 5MHz 16QAM HCH 713.5MHz RB 25 0 NTNV

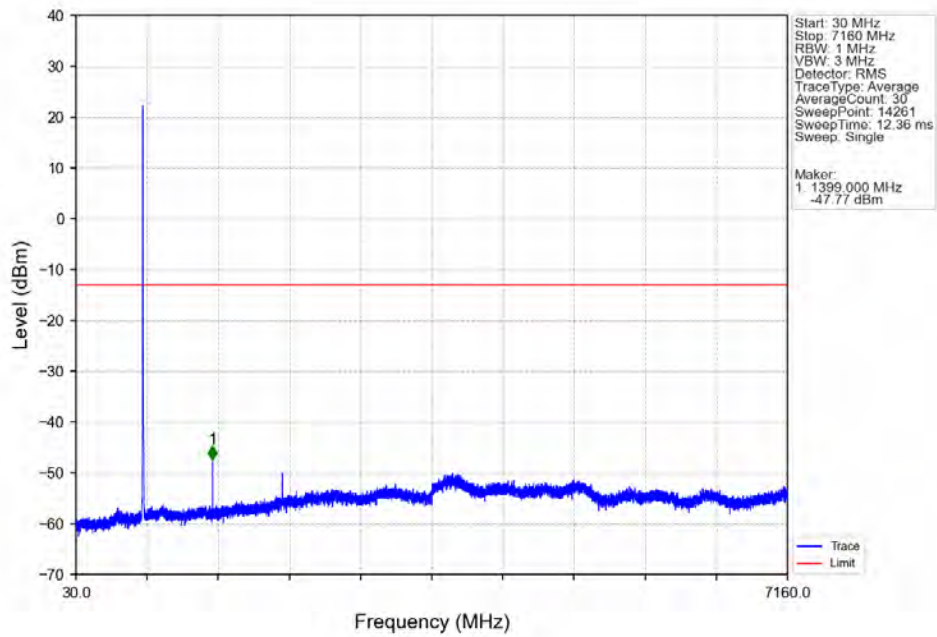


Band12 5MHz 64QAM LCH 701.5MHz RB 1 0 NTV

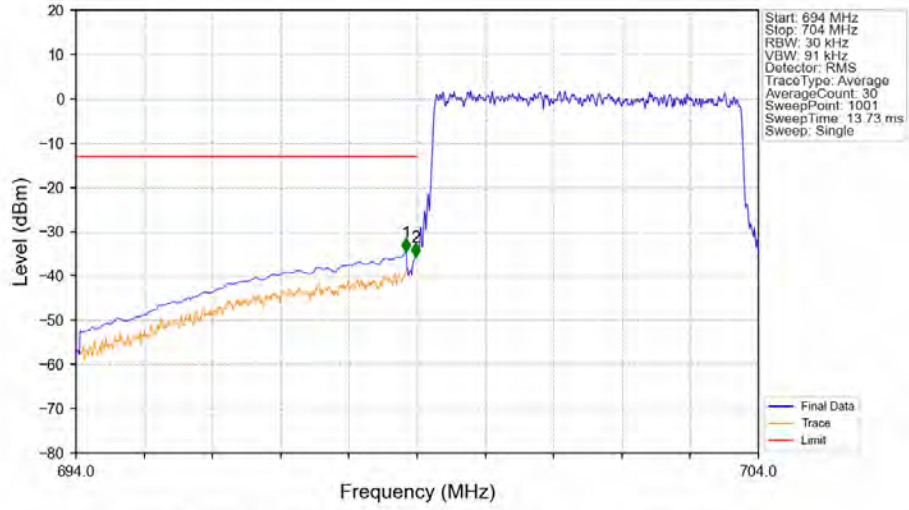


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-29.94	-13	Pass
698.9	699	0.03	/	2	698.990	-23.70	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12 5MHz 64QAM LCH 701.5MHz RB 1 0 NTV

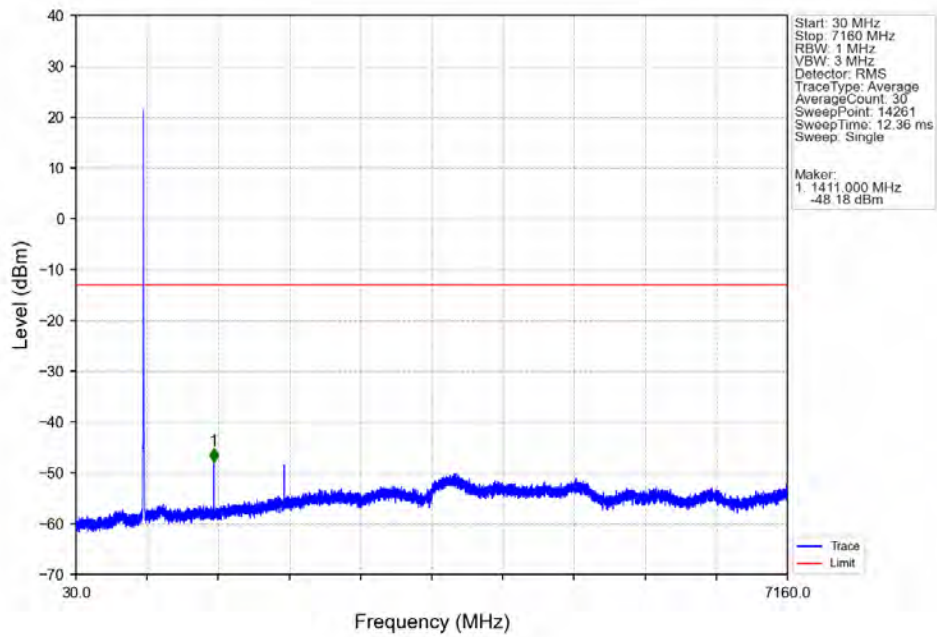


Band12 5MHz 64QAM LCH 701.5MHz RB 25 0 NTNV

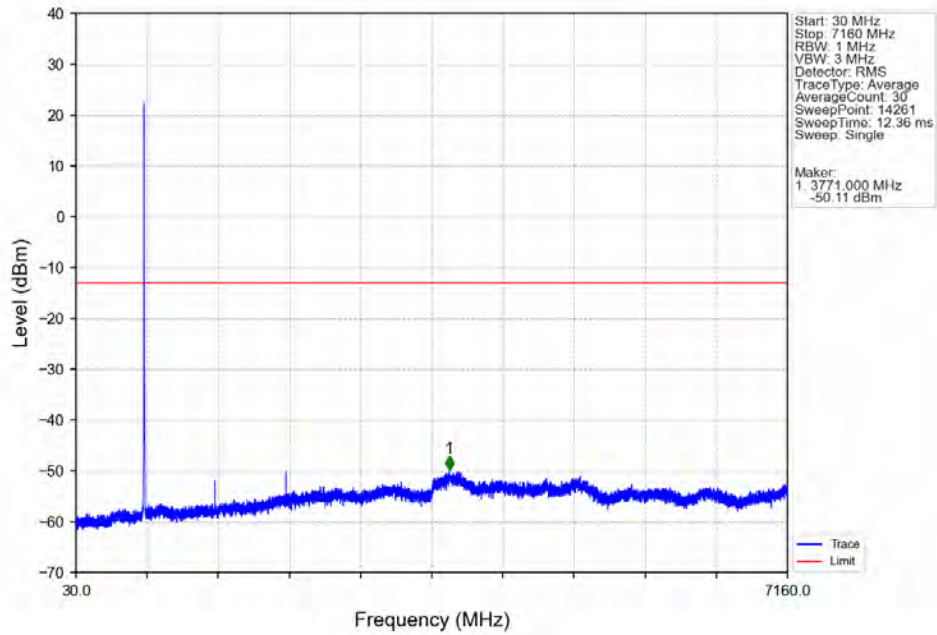


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-34.67	-13	Pass
698.9	699	0.03	/	2	698.980	-35.71	-13	Pass
699	704	0.03	/	/	/	/	/	/

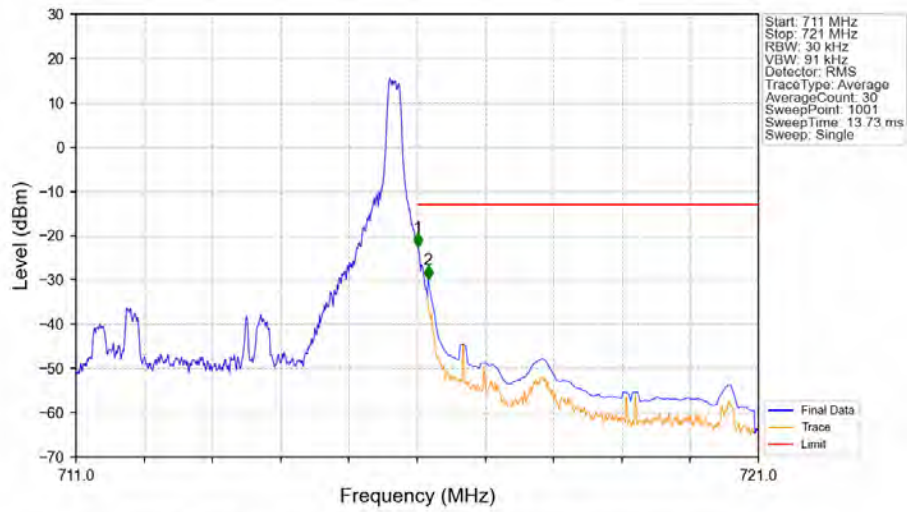
Band12_5MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12 5MHz 64QAM HCH 713.5MHz RB 1 0 NTNV

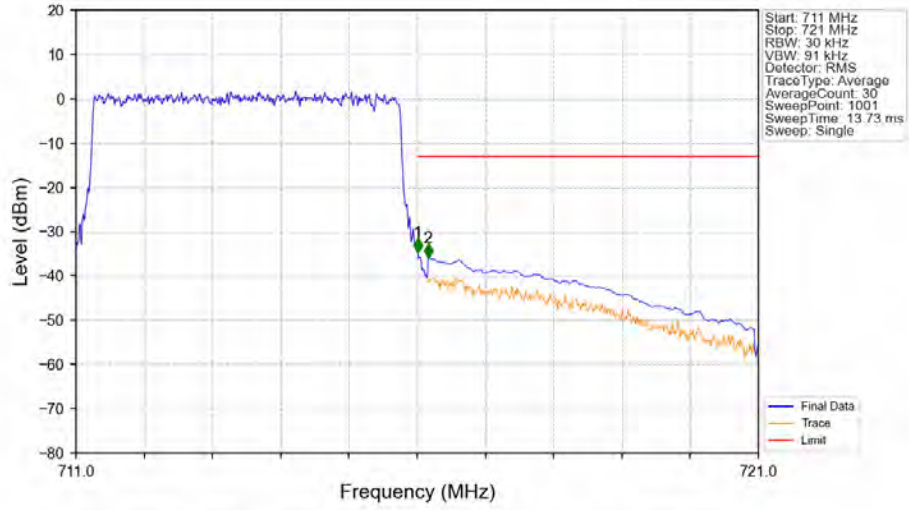


Band12_5MHz_64QAM_HCH_713.5MHz_RB_1_24_NTNV



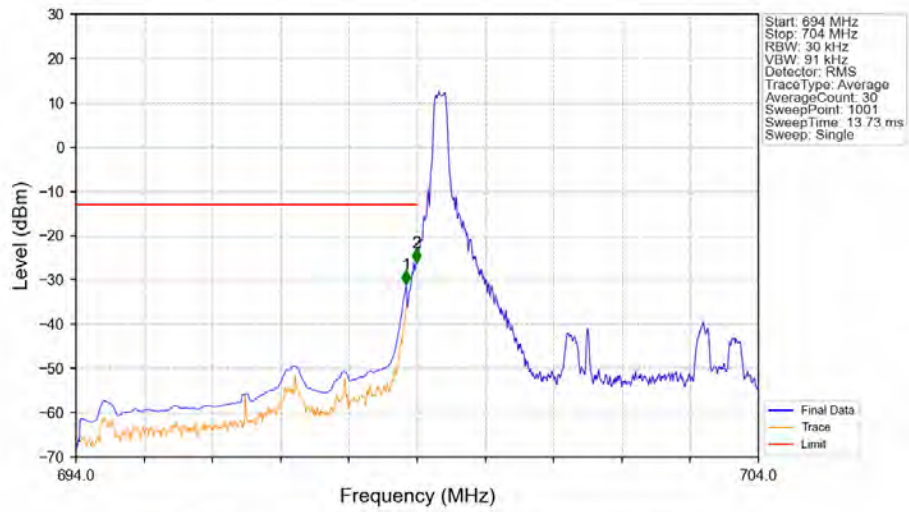
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-22.54	-13	Pass
716.1	721	0.1	CHP	2	716.160	-29.82	-13	Pass

Band12 5MHz 64QAM HCH 713.5MHz RB 25 0 NTNV



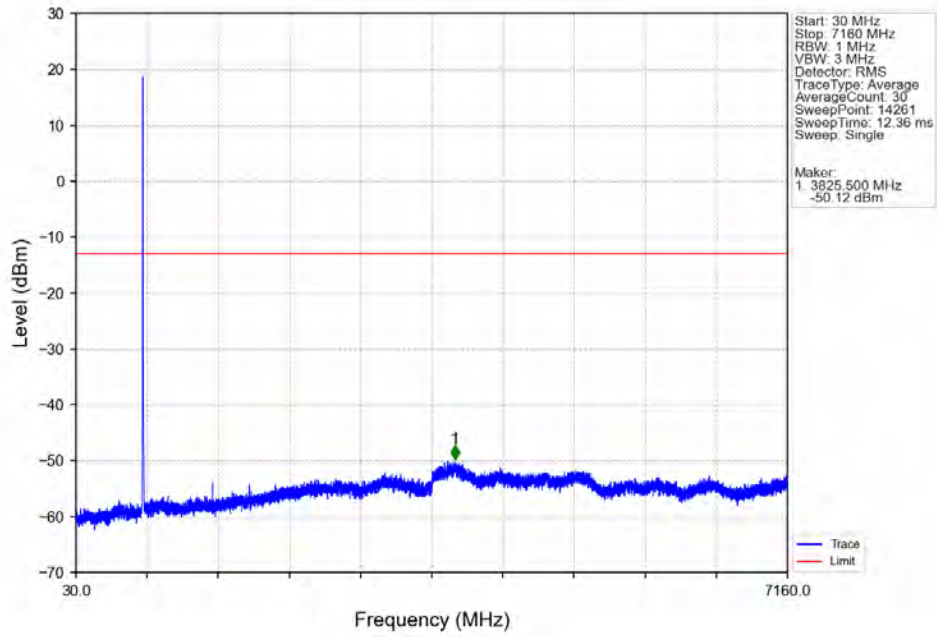
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
711	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.010	-34.66	-13	Pass
716.1	721	0.1	CHP	2	716.160	-35.90	-13	Pass

Band12_5MHz_256QAM_LCH_701.5MHz_RB_1_0_NTNV

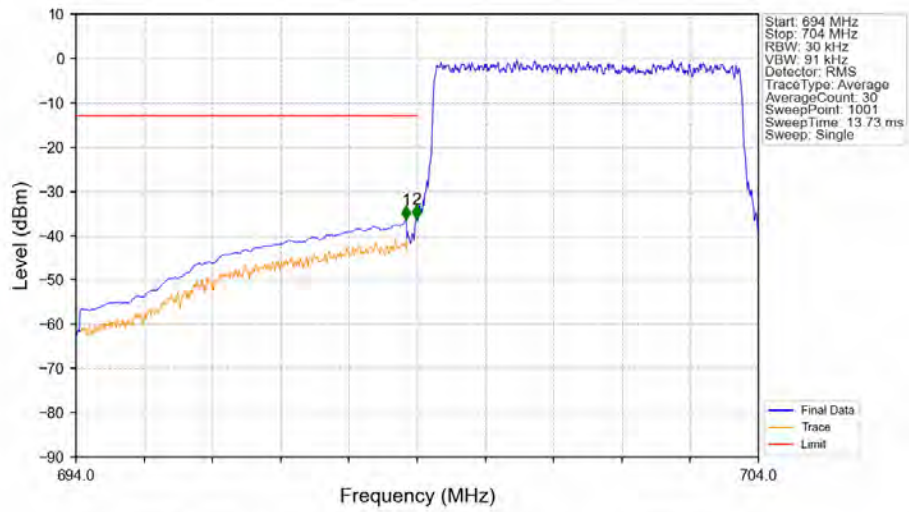


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-31.02	-13	Pass
698.9	699	0.03	/	2	698.990	-26.00	-13	Pass
699	704	0.03	/	/	/	/	/	/

Band12 5MHz 256QAM LCH 701.5MHz RB 1 0 NTNV

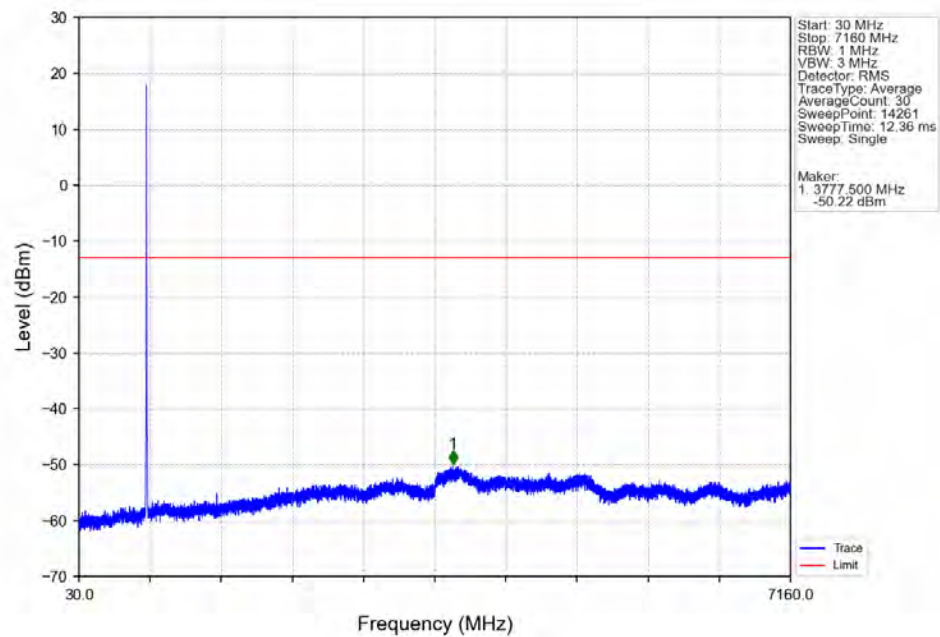


Band12 5MHz 256QAM LCH 701.5MHz RB 25 0 NTNV

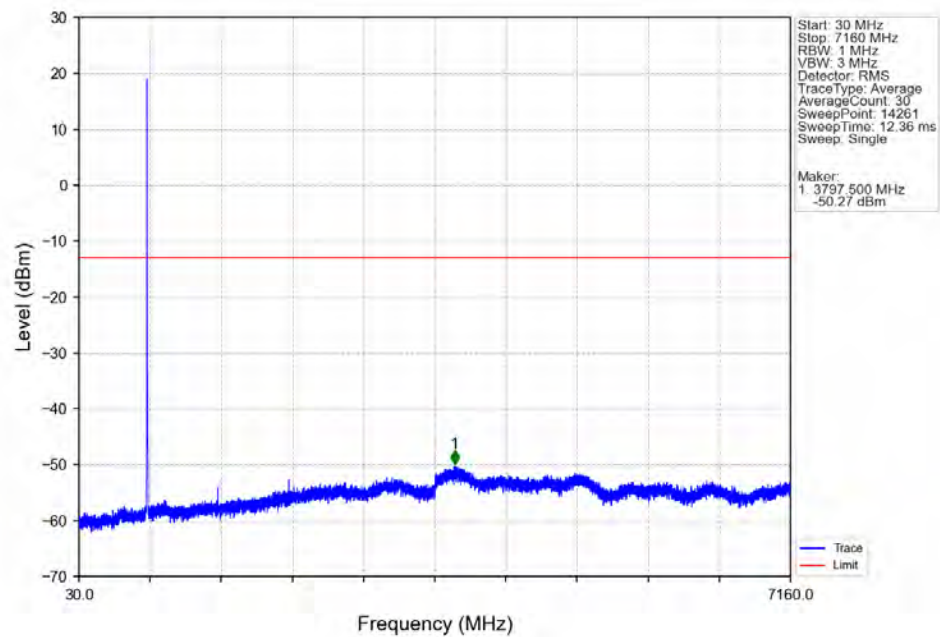


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
694	698.9	0.1	CHP	1	698.840	-36.47	-13	Pass
698.9	699	0.03	/	2	698.990	-36.20	-13	Pass
699	704	0.03	/	/	/	/	/	/

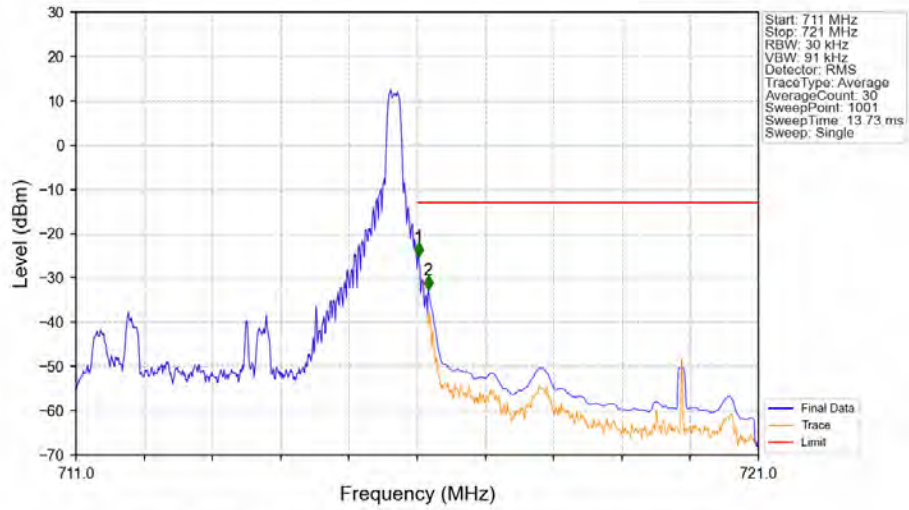
Band12 5MHz 256QAM MCH 707.5MHz RB 1 0 NTNV



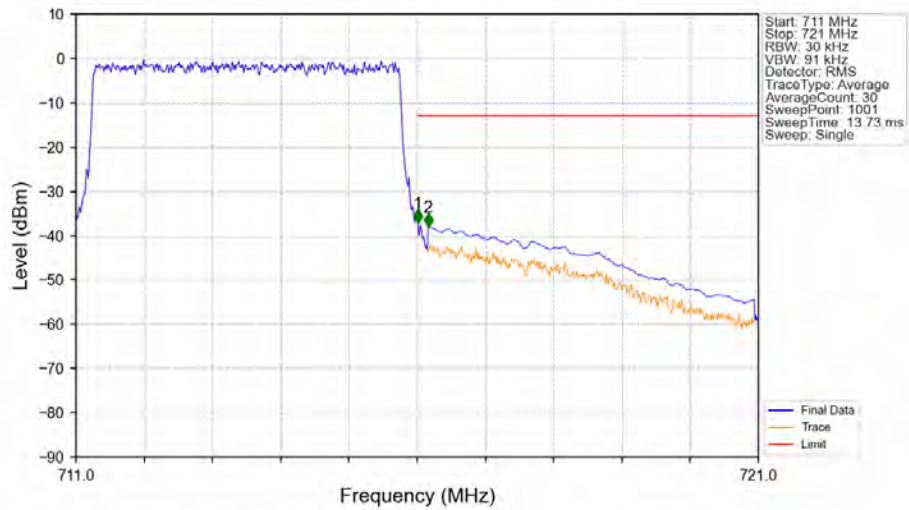
Band12 5MHz 256QAM HCH 713.5MHz RB 1 0 NTNV



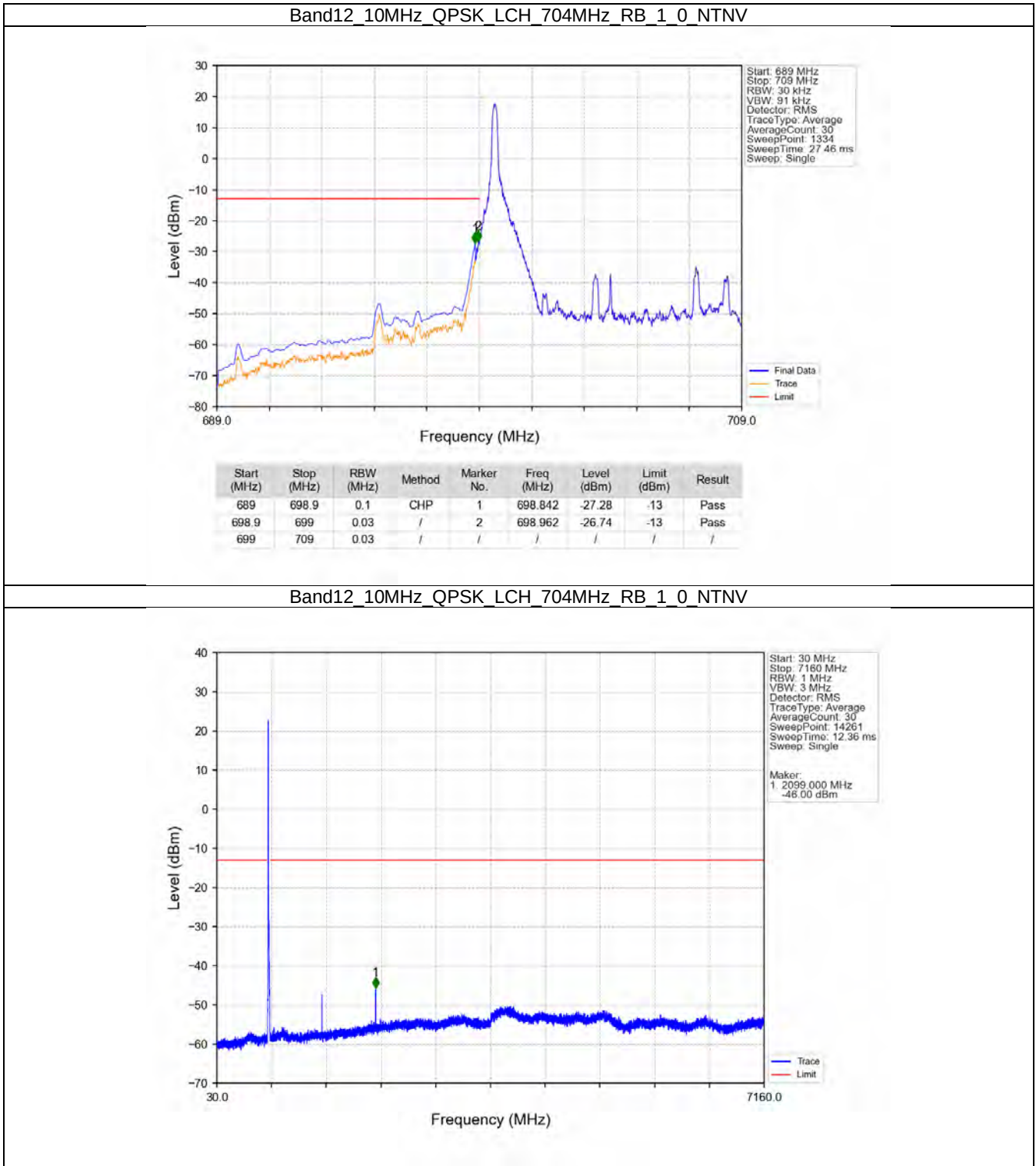
Band12 5MHz 256QAM HCH 713.5MHz RB 1 24 NTN



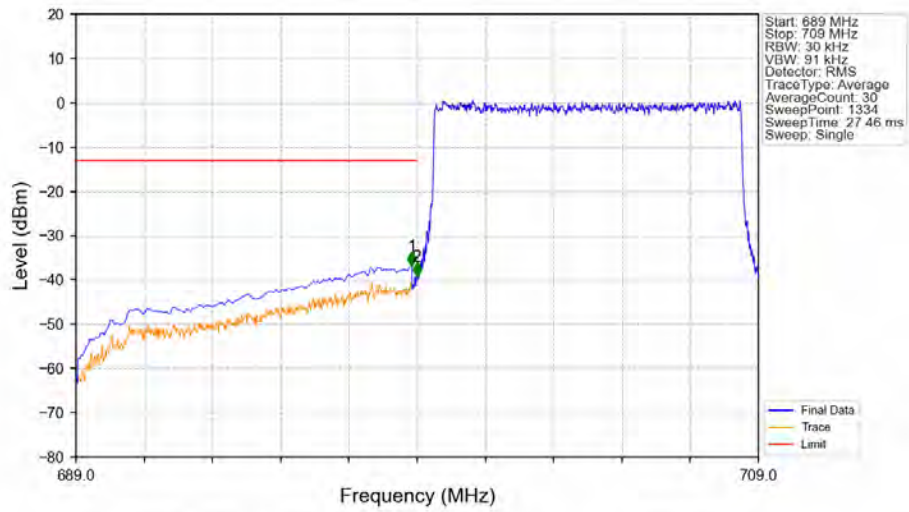
Band12 5MHz 256QAM HCH 713.5MHz RB 25_0 NTN



5.2.4 B12_10MHz

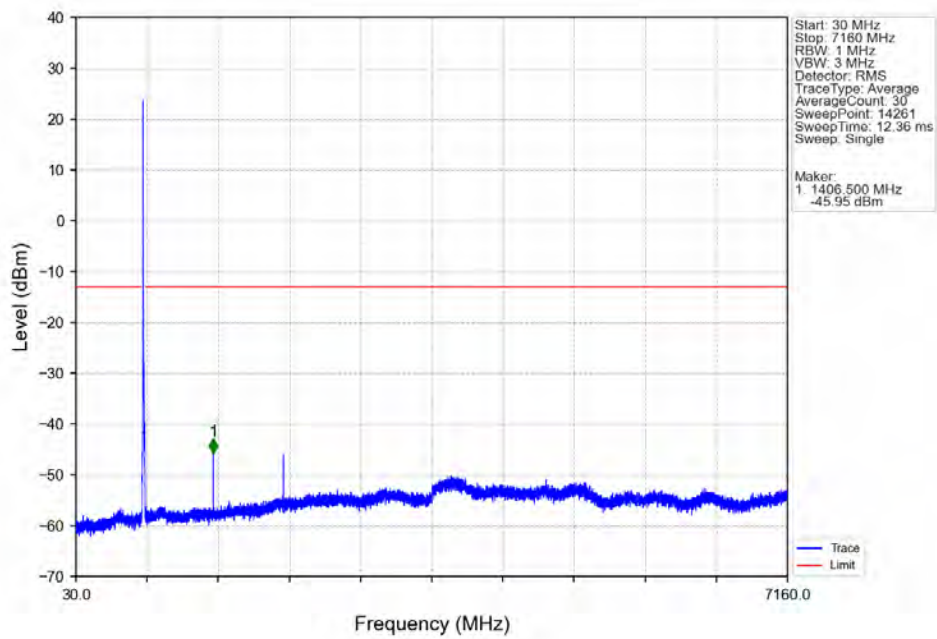


Band12 10MHz QPSK LCH 704MHz RB 50 0 NTN

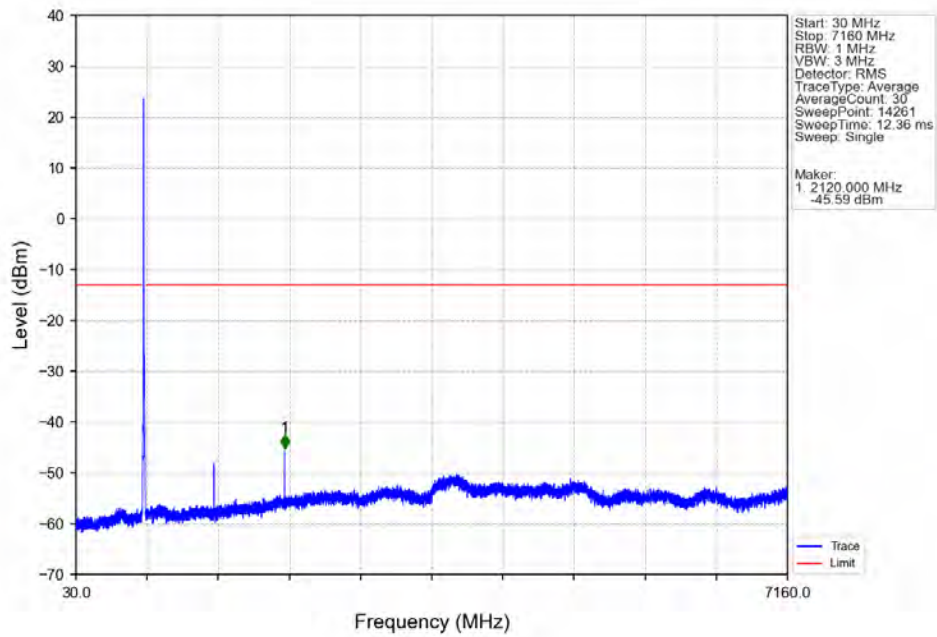


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-36.71	-13	Pass
698.9	699	0.03	/	2	698.992	-39.09	-13	Pass
699	709	0.03	/	/	/	/	/	/

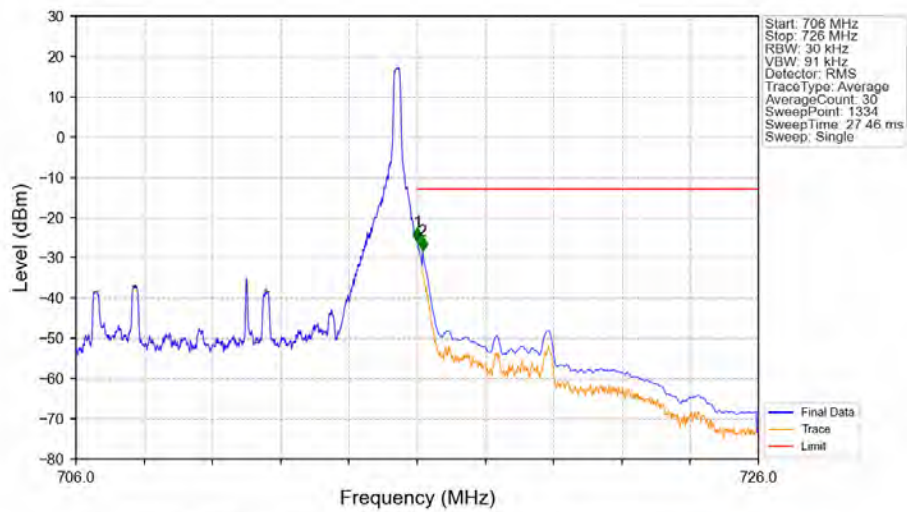
Band12_10MHz_QPSK_MCH_707.5MHz_RB_1_0_NTN



Band12 10MHz QPSK HCH 711MHz RB 1 0 NTNV

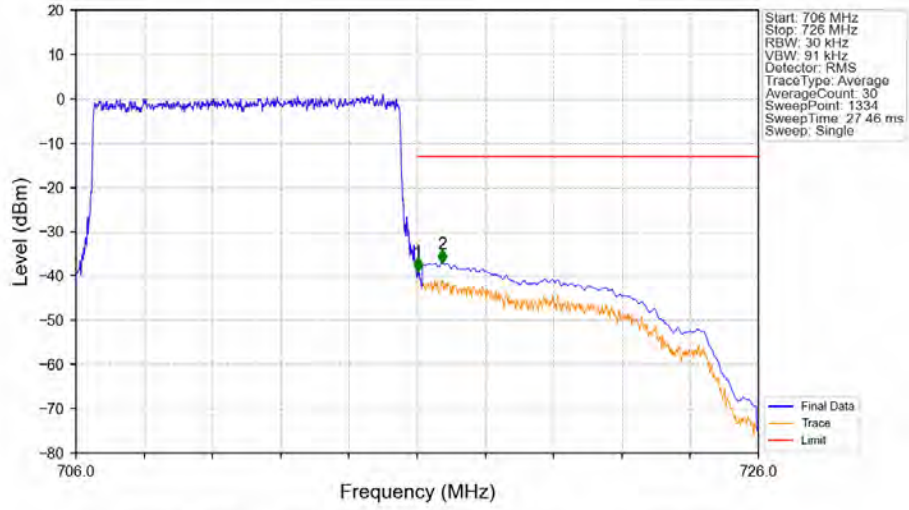


Band12 10MHz QPSK HCH 711MHz RB 1 49 NTNV



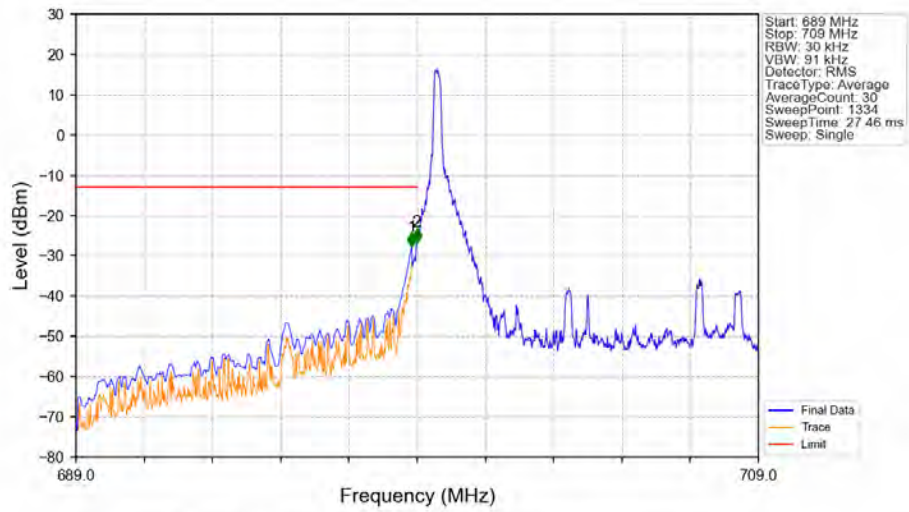
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-25.95	-13	Pass
716.1	726	0.1	CHP	2	716.158	-28.31	-13	Pass

Band12 10MHz QPSK HCH 711MHz RB 50 0 NTNV



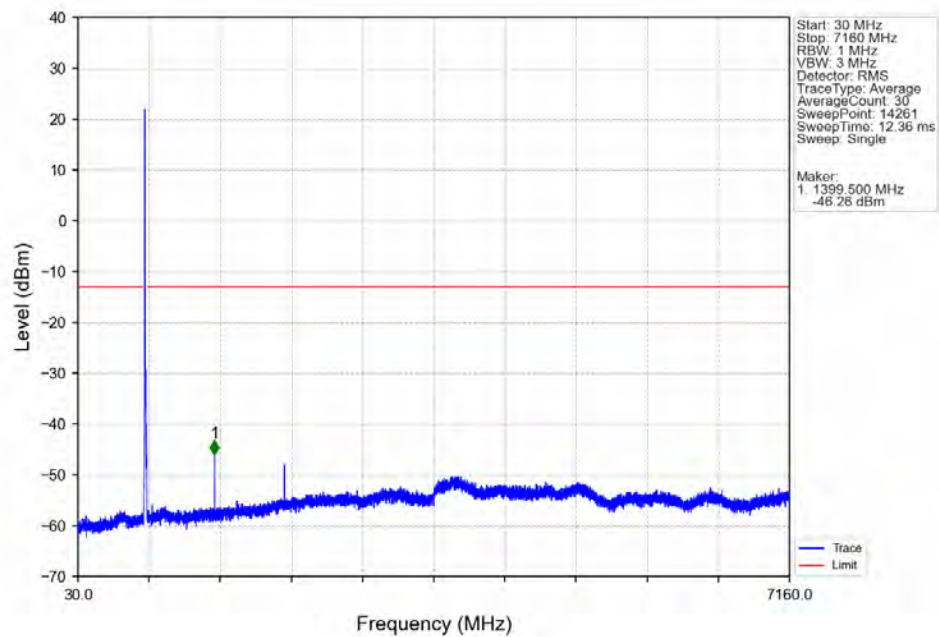
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-39.02	-13	Pass
716.1	726	0.1	CHP	2	716.743	-37.06	-13	Pass

Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV

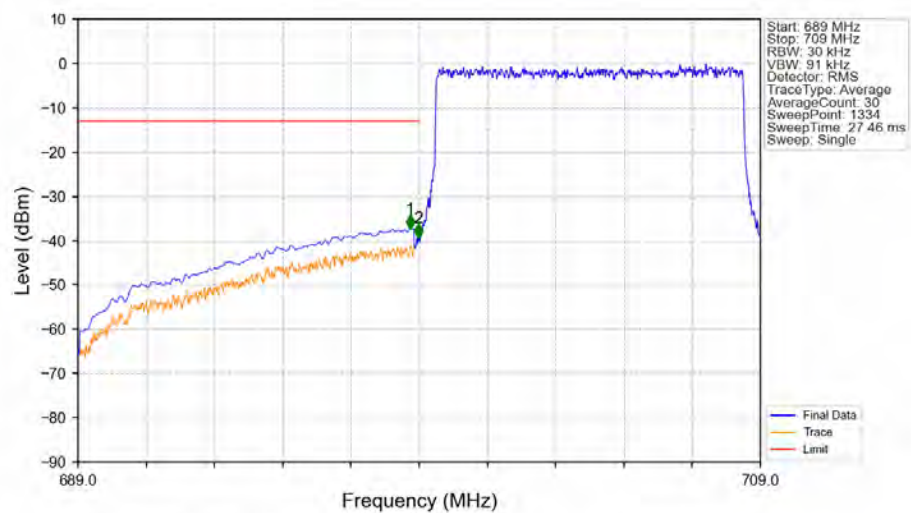


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-27.72	-13	Pass
698.9	699	0.03	/	2	698.992	-26.55	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12 10MHz 16QAM LCH 704MHz RB 1 0 NTNV

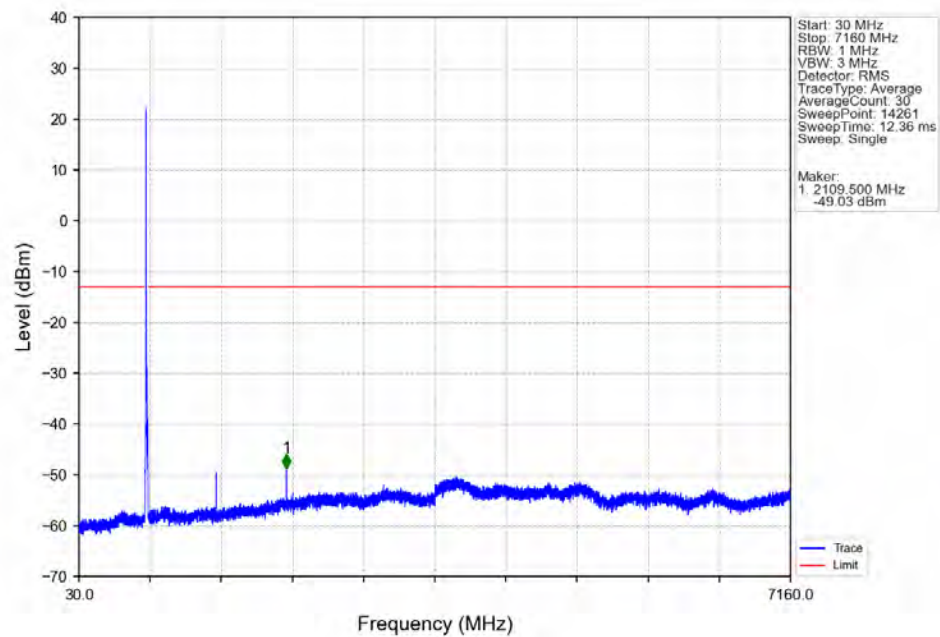


Band12_10MHz_16QAM_LCH_704MHz_RB_50_0_NTNV

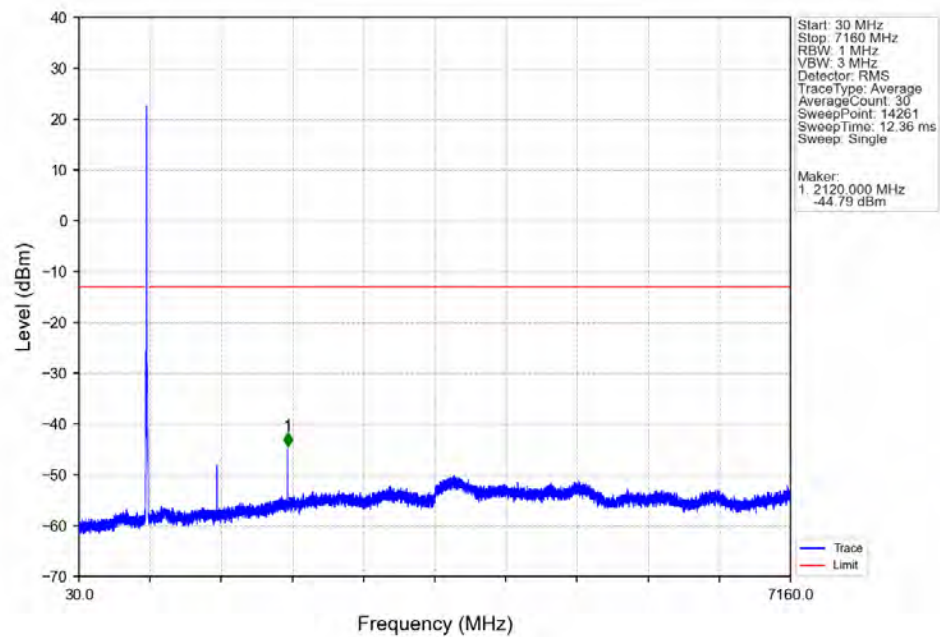


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.737	-37.24	-13	Pass
698.9	699	0.03	/	2	698.977	-39.31	-13	Pass
699	709	0.03	/	/	/	/	/	/

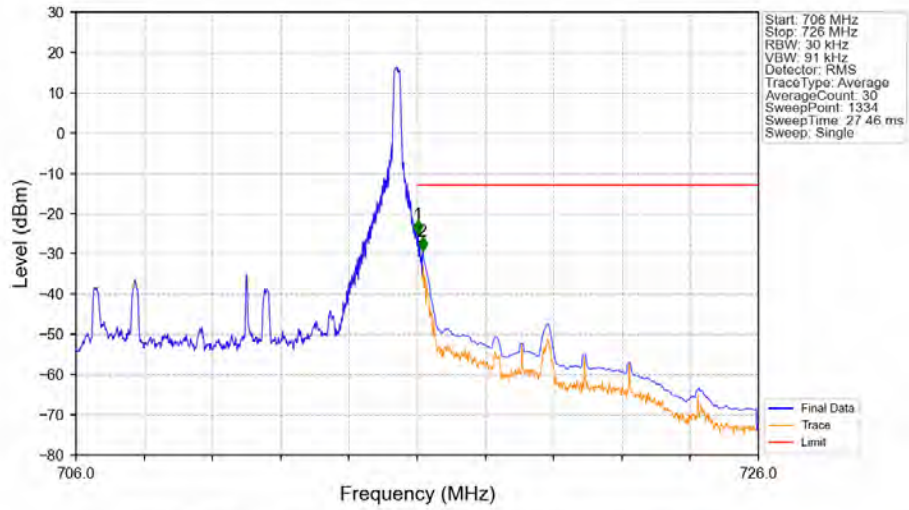
Band12 10MHz 16QAM MCH 707.5MHz RB 1 0 NTV



Band12 10MHz 16QAM HCH 711MHz RB 1 0 NTV

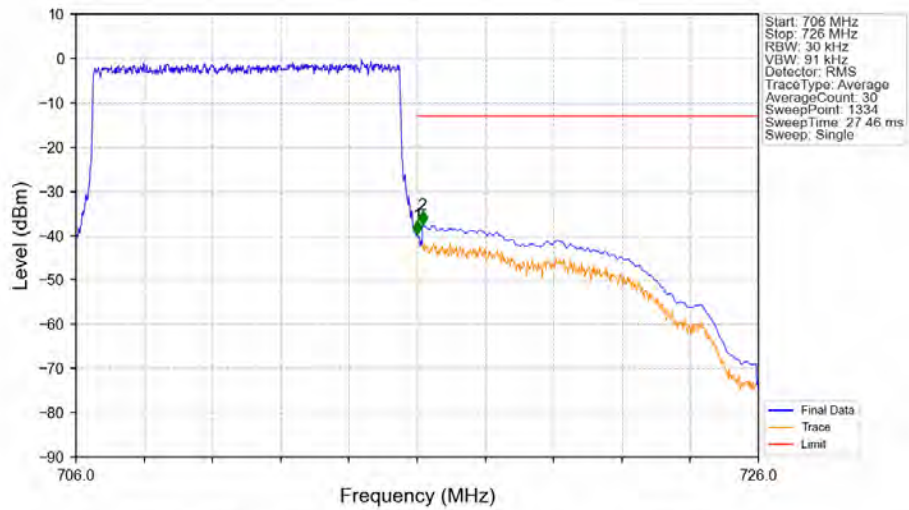


Band12 10MHz 16QAM HCH 711MHz RB 1 49 NTNV



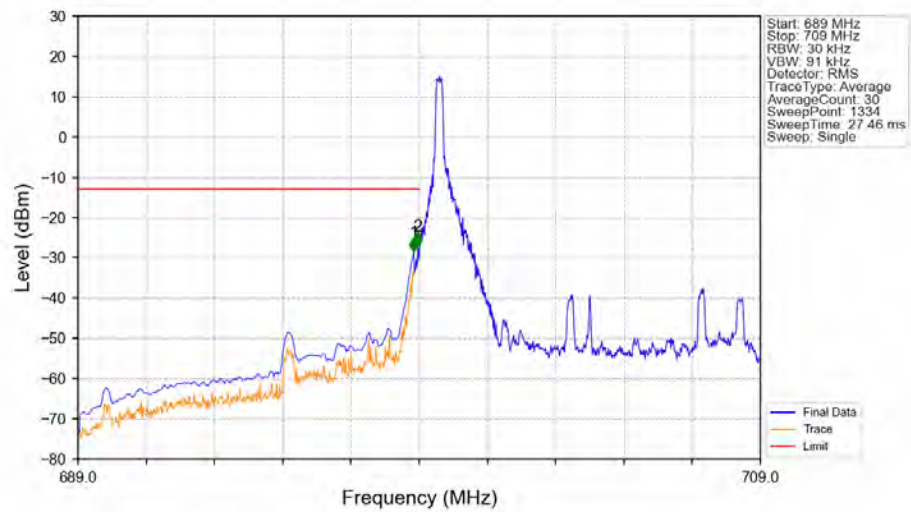
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.023	-25.01	-13	Pass
716.1	726	0.1	CHP	2	716.158	-29.22	-13	Pass

Band12 10MHz 16QAM HCH 711MHz RB 50 0 NTNV

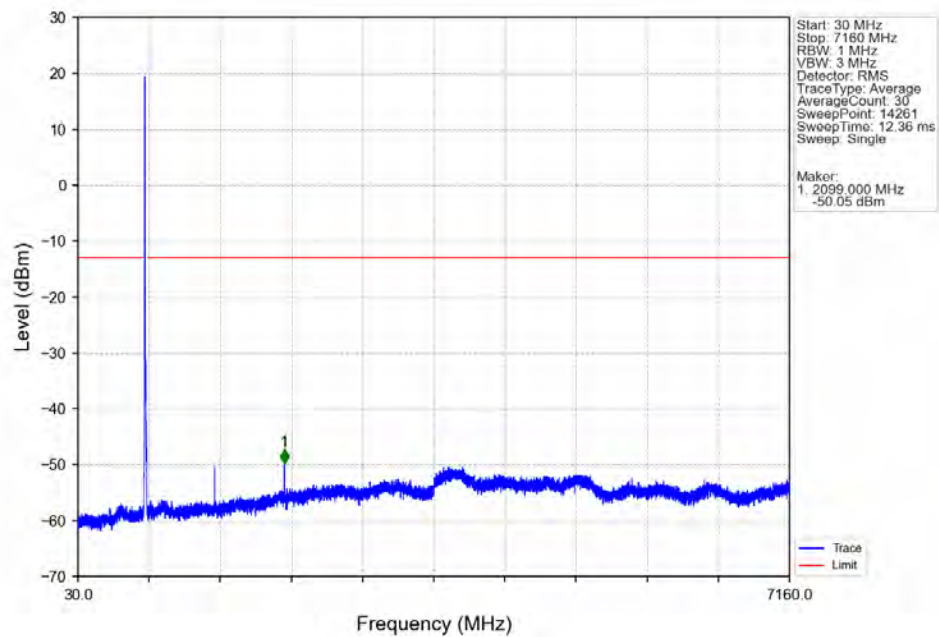


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-39.60	-13	Pass
716.1	726	0.1	CHP	2	716.158	-37.46	-13	Pass

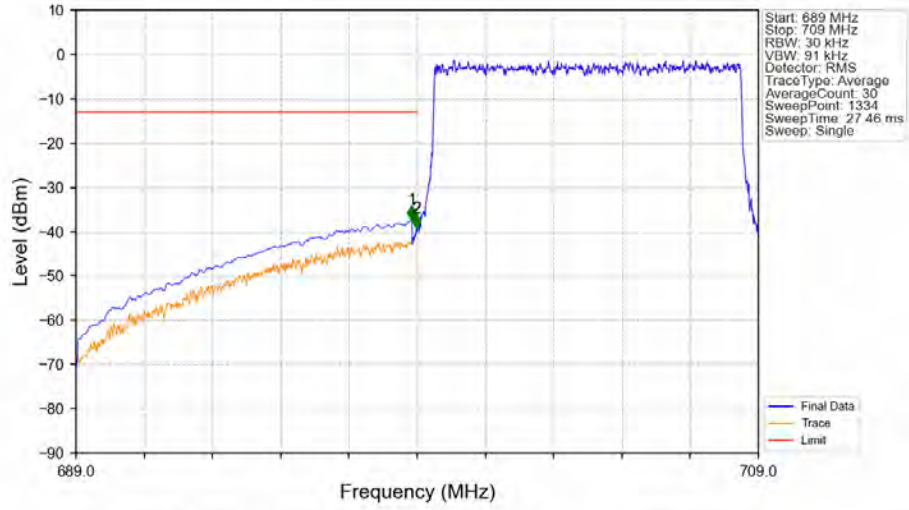
Band12 10MHz 64QAM LCH 704MHz RB 1 0 NTNV



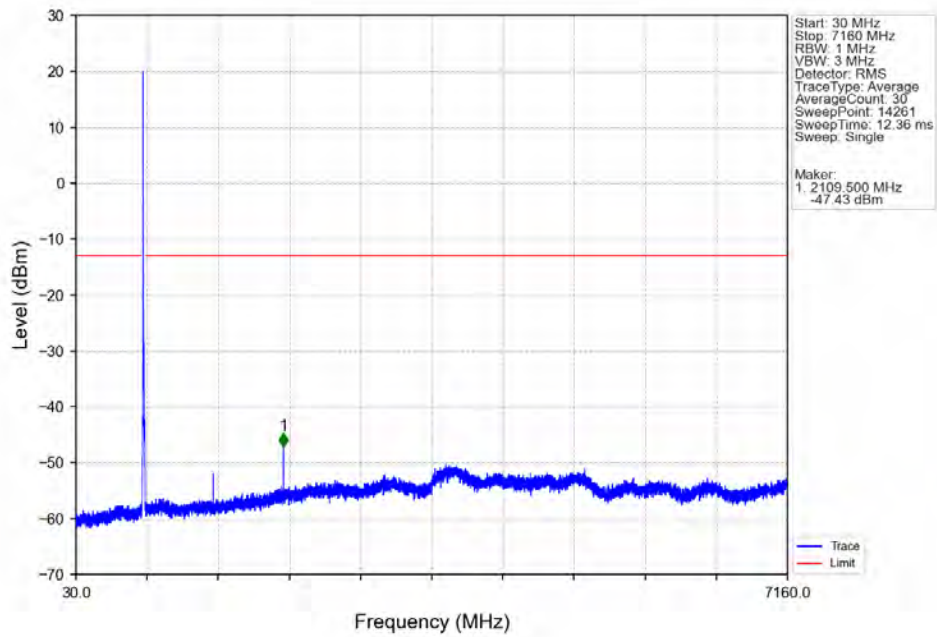
Band12 10MHz 64QAM LCH 704MHz RB 1 0 NTNV



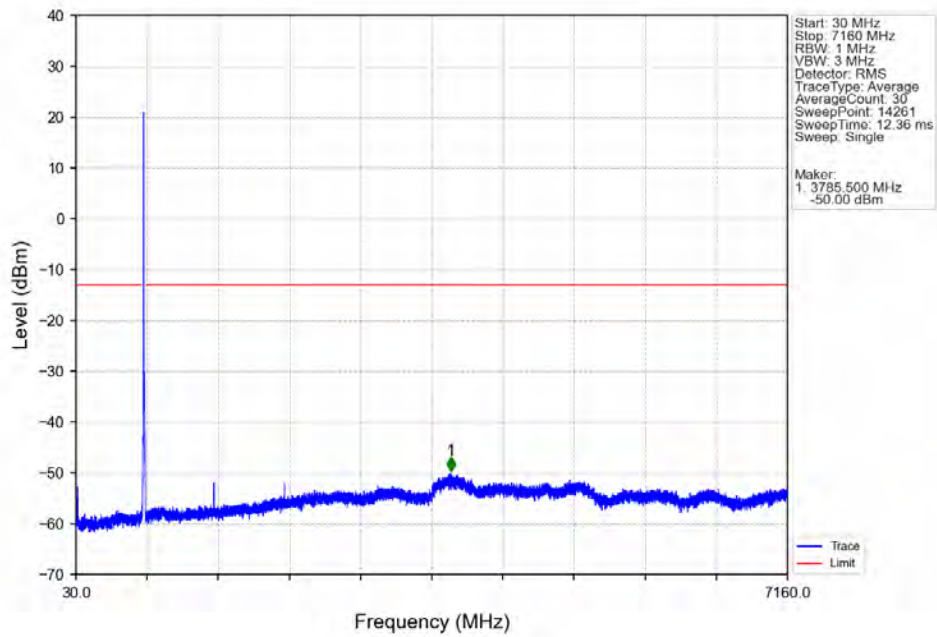
Band12_10MHz_64QAM_LCH_704MHz_RB_50_0_NTNV



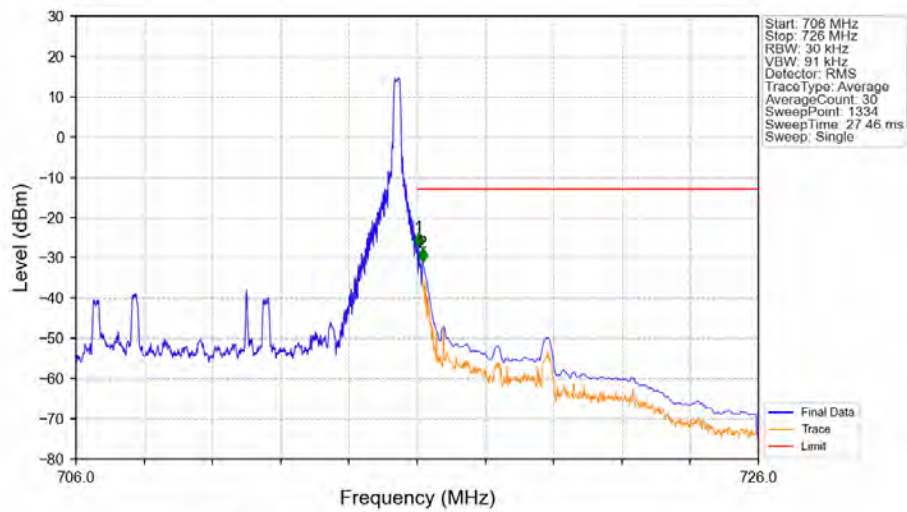
Band12_10MHz_64QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12 10MHz 64QAM HCH 711MHz RB 1 0 NTNV

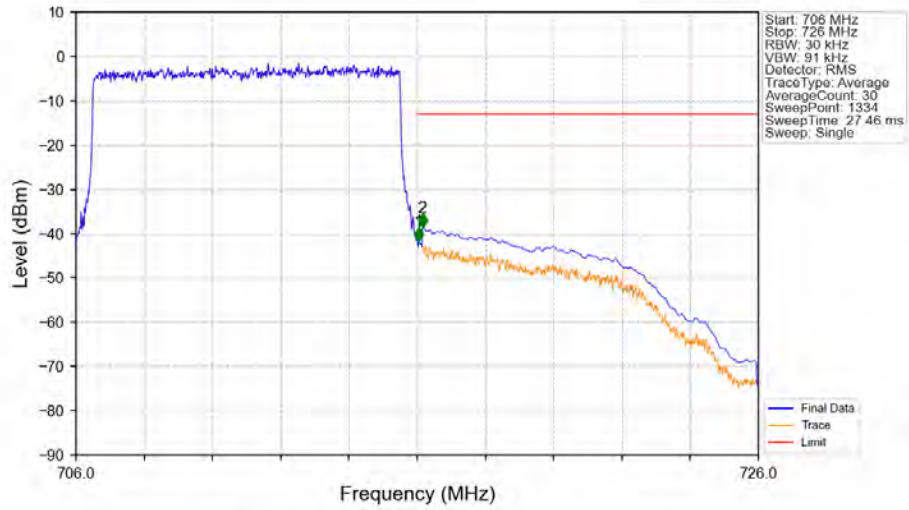


Band12 10MHz 64QAM HCH 711MHz RB 1 49 NTNV



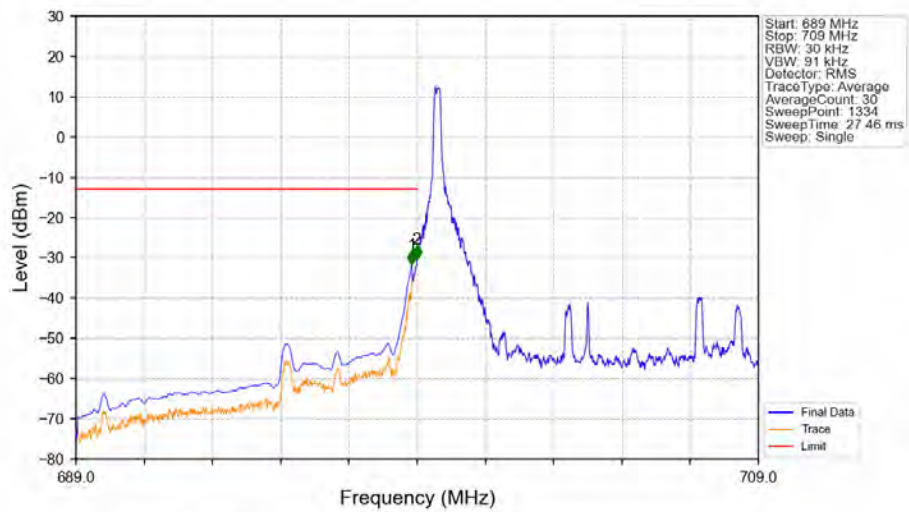
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-27.17	-13	Pass
716.1	726	0.1	CHP	2	716.158	-30.99	-13	Pass

Band12_10MHz_64QAM_HCH_711MHz_RB_50_0_NTNV



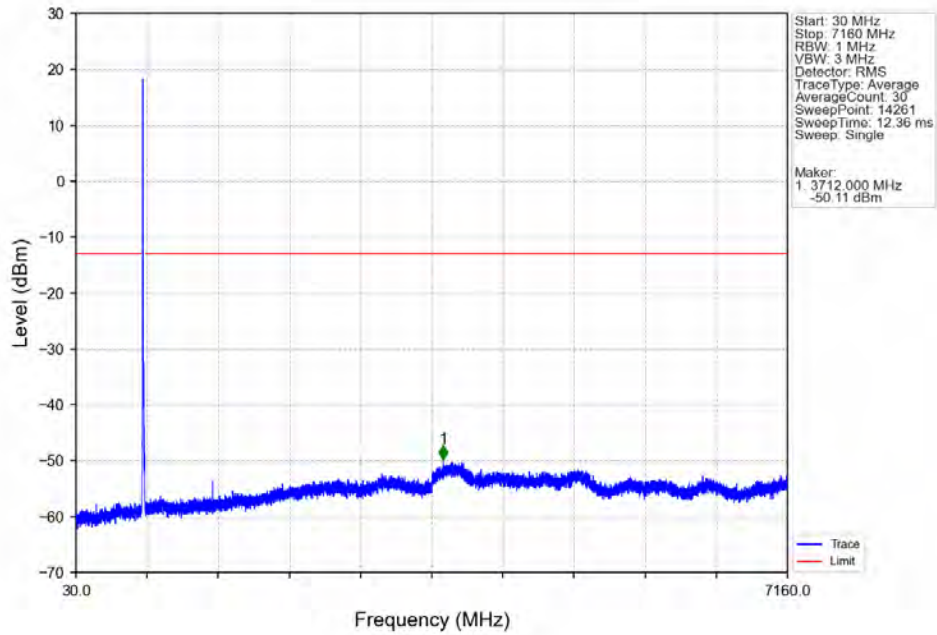
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-41.72	-13	Pass
716.1	726	0.1	CHP	2	716.158	-38.61	-13	Pass

Band12_10MHz_256QAM_LCH_704MHz_RB_1_0_NTNV

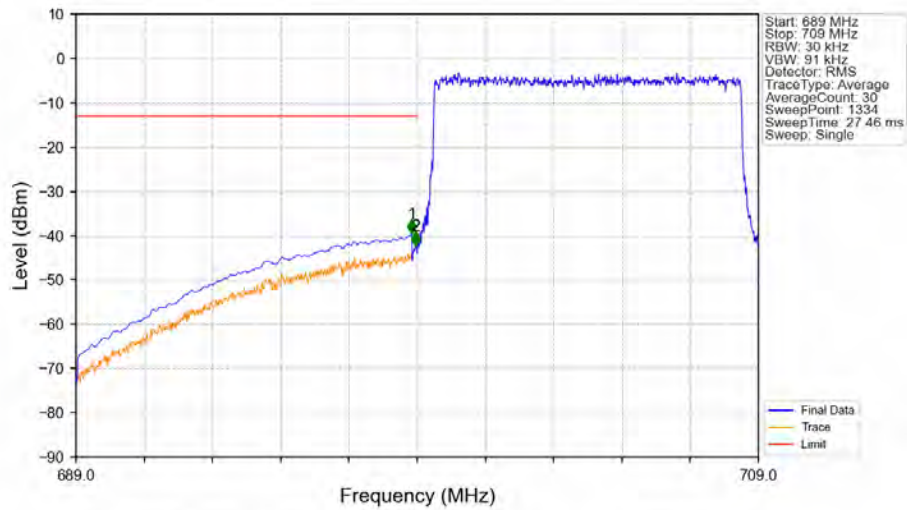


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-31.69	-13	Pass
698.9	699	0.03	/	2	698.992	-30.25	-13	Pass
699	709	0.03	/	/	/	/	/	/

Band12_10MHz_256QAM_LCH_704MHz_RB_1_0_NTNV

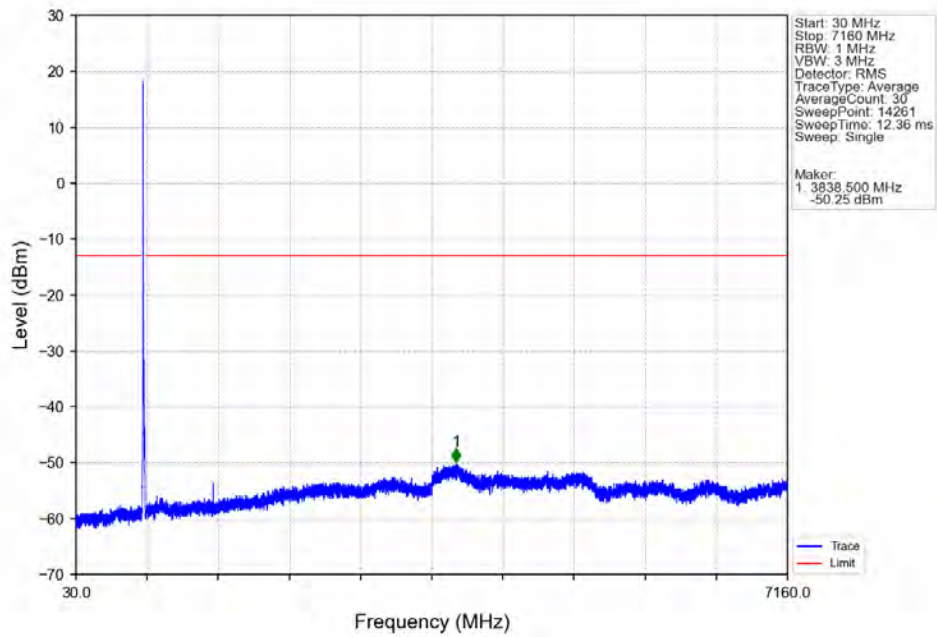


Band12_10MHz_256QAM_LCH_704MHz_RB_50_0_NTNV

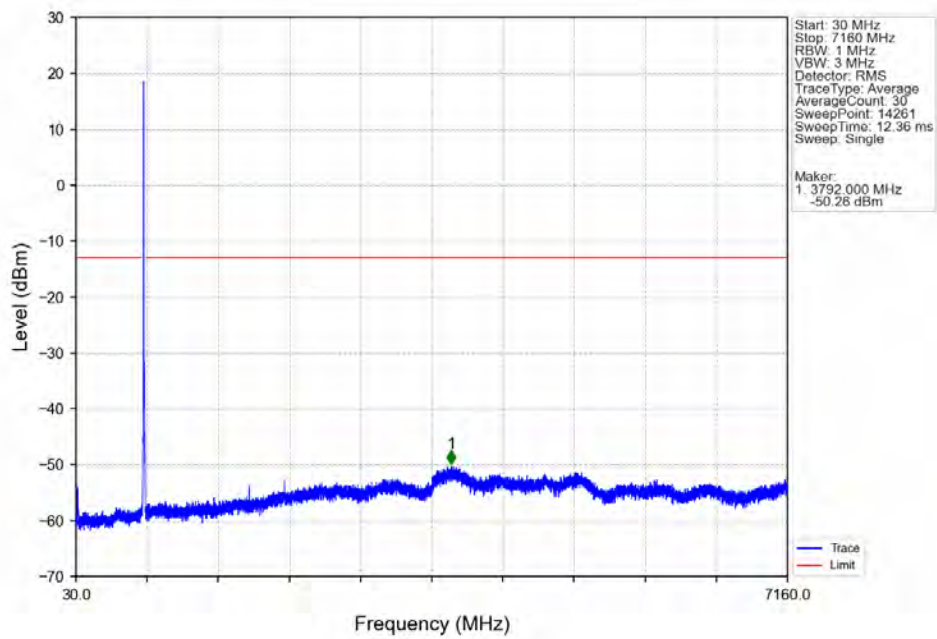


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
689	698.9	0.1	CHP	1	698.842	-39.55	-13	Pass
698.9	699	0.03	/	2	698.962	-42.21	-13	Pass
699	709	0.03	/	/	/	/	/	/

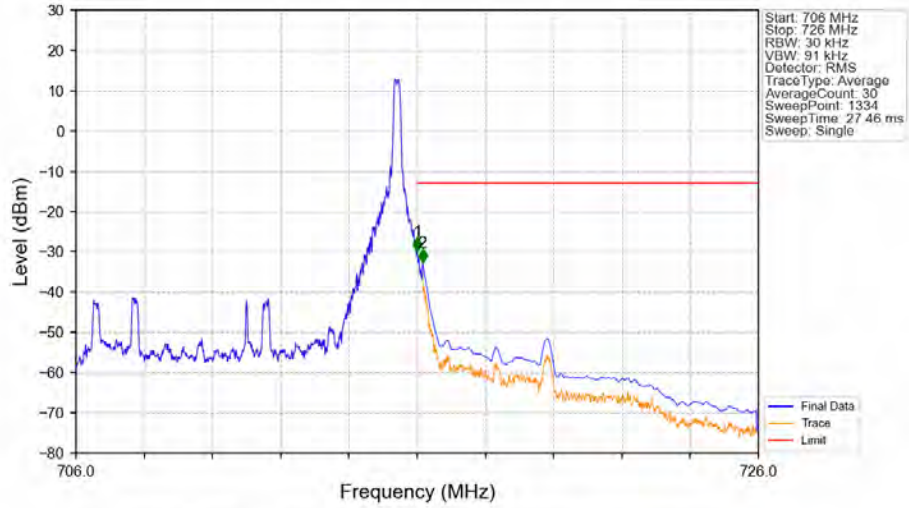
Band12_10MHz_256QAM_MCH_707.5MHz_RB_1_0_NTNV



Band12_10MHz_256QAM_HCH_711MHz_RB_1_0_NTNV

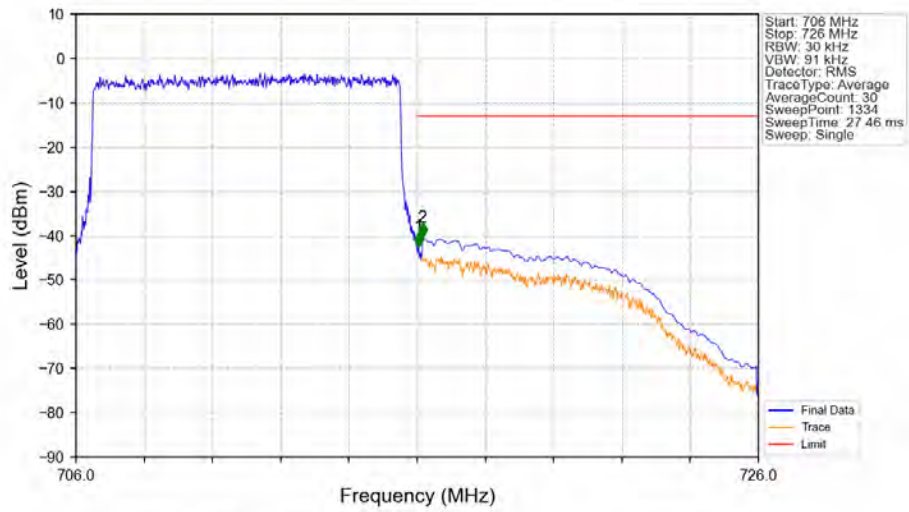


Band12 10MHz 256QAM HCH 711MHz RB 1 49 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.008	-29.92	-13	Pass
716.1	726	0.1	CHP	2	716.158	-32.72	-13	Pass

Band12 10MHz 256QAM HCH 711MHz RB 50 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
706	716	0.03	/	/	/	/	/	/
716	716.1	0.03	/	1	716.038	-42.31	-13	Pass
716.1	726	0.1	CHP	2	716.158	-40.21	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 12 ANT1-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1399.0	-70.44	-13	-57.44	-73.21	2.47	5.24	Horizontal	Pass
2098.5	-69.88	-13	-56.88	-71.95	2.79	4.86	Horizontal	Pass
2798.0	-68.59	-13	-55.59	-71.95	3.12	6.48	Horizontal	Pass
1399.0	-70.07	-13	-57.07	-72.84	2.47	5.24	Vertical	Pass
2098.5	-69.62	-13	-56.62	-71.69	2.79	4.86	Vertical	Pass
2798.0	-68.82	-13	-55.82	-72.18	3.12	6.48	Vertical	Pass

LTE Band 12 ANT1-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1406.0	-66.18	-13	-53.18	-68.98	2.48	5.28	Horizontal	Pass
2109.0	-69.76	-13	-56.76	-71.84	2.8	4.88	Horizontal	Pass
2812.0	-68.88	-13	-55.88	-72.27	3.12	6.51	Horizontal	Pass
1406.0	-67.51	-13	-54.51	-70.31	2.48	5.28	Vertical	Pass
2109.0	-69.98	-13	-56.98	-72.06	2.8	4.88	Vertical	Pass
2812.0	-68.51	-13	-55.51	-71.9	3.12	6.51	Vertical	Pass

LTE Band 12 ANT1-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
1413.0	-67.1	-13	-54.1	-69.94	2.49	5.33	Horizontal	Pass
2119.5	-66.43	-13	-53.43	-68.53	2.81	4.91	Horizontal	Pass
2826.0	-69.18	-13	-56.18	-72.59	3.13	6.54	Horizontal	Pass
1413.0	-68.36	-13	-55.36	-71.2	2.49	5.33	Vertical	Pass
2119.5	-68.44	-13	-55.44	-70.54	2.81	4.91	Vertical	Pass
2826.0	-68.8	-13	-55.8	-72.21	3.13	6.54	Vertical	Pass