

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	24.10	-0.20	23.90	<=30	Pass
			2	23.95	-0.20	23.75	<=30	Pass
			5	23.96	-0.20	23.76	<=30	Pass
		3	0	24.03	-0.20	23.83	<=30	Pass
			2	23.93	-0.20	23.73	<=30	Pass
			3	24.00	-0.20	23.80	<=30	Pass
		6	0	22.96	-0.20	22.76	<=30	Pass
	1732.5	1	0	23.89	-0.20	23.69	<=30	Pass
			2	23.88	-0.20	23.68	<=30	Pass
			5	23.93	-0.20	23.73	<=30	Pass
		3	0	23.86	-0.20	23.66	<=30	Pass
			2	23.80	-0.20	23.60	<=30	Pass
			3	23.83	-0.20	23.63	<=30	Pass
		6	0	22.86	-0.20	22.66	<=30	Pass
	1754.3	1	0	24.08	-0.20	23.88	<=30	Pass
			2	24.05	-0.20	23.85	<=30	Pass
			5	24.27	-0.20	24.07	<=30	Pass
		3	0	24.07	-0.20	23.87	<=30	Pass
			2	24.02	-0.20	23.82	<=30	Pass
			3	24.10	-0.20	23.90	<=30	Pass
		6	0	23.14	-0.20	22.94	<=30	Pass
16QAM	1710.7	1	0	23.19	-0.20	22.99	<=30	Pass
			2	23.24	-0.20	23.04	<=30	Pass
			5	23.12	-0.20	22.92	<=30	Pass
		3	0	22.96	-0.20	22.76	<=30	Pass
			2	22.89	-0.20	22.69	<=30	Pass
			3	23.01	-0.20	22.81	<=30	Pass
		6	0	22.03	-0.20	21.83	<=30	Pass
	1732.5	1	0	23.15	-0.20	22.95	<=30	Pass
			2	23.18	-0.20	22.98	<=30	Pass
			5	23.16	-0.20	22.96	<=30	Pass
		3	0	22.85	-0.20	22.65	<=30	Pass
			2	22.75	-0.20	22.55	<=30	Pass
			3	22.83	-0.20	22.63	<=30	Pass
		6	0	21.94	-0.20	21.74	<=30	Pass
	1754.3	1	0	23.27	-0.20	23.07	<=30	Pass
			2	23.35	-0.20	23.15	<=30	Pass
			5	23.40	-0.20	23.20	<=30	Pass
		3	0	23.10	-0.20	22.90	<=30	Pass
			2	23.03	-0.20	22.83	<=30	Pass
			3	23.11	-0.20	22.91	<=30	Pass
		6	0	22.14	-0.20	21.94	<=30	Pass
64QAM	1710.7	1	0	22.22	-0.20	22.02	<=30	Pass
			2	22.17	-0.20	21.97	<=30	Pass
			5	22.14	-0.20	21.94	<=30	Pass
		3	0	22.08	-0.20	21.88	<=30	Pass
			2	22.15	-0.20	21.95	<=30	Pass
			3	22.08	-0.20	21.88	<=30	Pass
		6	0	20.98	-0.20	20.78	<=30	Pass

	1732.5	1	0	22.11	-0.20	21.91	<=30	Pass
			2	22.17	-0.20	21.97	<=30	Pass
			5	22.13	-0.20	21.93	<=30	Pass
		3	0	21.92	-0.20	21.72	<=30	Pass
			2	21.98	-0.20	21.78	<=30	Pass
			3	21.98	-0.20	21.78	<=30	Pass
		6	0	21.18	-0.20	20.98	<=30	Pass
	1754.3	1	0	22.32	-0.20	22.12	<=30	Pass
			2	22.25	-0.20	22.05	<=30	Pass
			5	22.30	-0.20	22.10	<=30	Pass
		3	0	22.26	-0.20	22.06	<=30	Pass
			2	22.35	-0.20	22.15	<=30	Pass
			3	22.24	-0.20	22.04	<=30	Pass
		6	0	21.07	-0.20	20.87	<=30	Pass
256QAM	1710.7	1	0	19.21	-0.20	19.01	<=30	Pass
			2	19.14	-0.20	18.94	<=30	Pass
			5	19.08	-0.20	18.88	<=30	Pass
		3	0	19.18	-0.20	18.98	<=30	Pass
			2	19.16	-0.20	18.96	<=30	Pass
			3	19.14	-0.20	18.94	<=30	Pass
		6	0	19.06	-0.20	18.86	<=30	Pass
	1732.5	1	0	19.19	-0.20	18.99	<=30	Pass
			2	19.25	-0.20	19.05	<=30	Pass
			5	19.25	-0.20	19.05	<=30	Pass
		3	0	19.17	-0.20	18.97	<=30	Pass
			2	19.21	-0.20	19.01	<=30	Pass
			3	19.18	-0.20	18.98	<=30	Pass
		6	0	19.08	-0.20	18.88	<=30	Pass
	1754.3	1	0	19.28	-0.20	19.08	<=30	Pass
			2	19.21	-0.20	19.01	<=30	Pass
			5	19.29	-0.20	19.09	<=30	Pass
		3	0	19.19	-0.20	18.99	<=30	Pass
			2	19.29	-0.20	19.09	<=30	Pass
			3	19.28	-0.20	19.08	<=30	Pass
		6	0	19.15	-0.20	18.95	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	24.05	-0.20	23.85	<=30	Pass
			7	24.00	-0.20	23.80	<=30	Pass
			14	23.89	-0.20	23.69	<=30	Pass
		8	0	23.00	-0.20	22.80	<=30	Pass
			4	22.93	-0.20	22.73	<=30	Pass
			7	22.93	-0.20	22.73	<=30	Pass
		15	0	23.01	-0.20	22.81	<=30	Pass
	1732.5	1	0	23.91	-0.20	23.71	<=30	Pass
			7	23.96	-0.20	23.76	<=30	Pass
			14	23.93	-0.20	23.73	<=30	Pass
		8	0	22.90	-0.20	22.70	<=30	Pass
			4	22.89	-0.20	22.69	<=30	Pass
			7	23.01	-0.20	22.81	<=30	Pass
	1753.5	15	0	22.94	-0.20	22.74	<=30	Pass
	1753.5	1	0	24.09	-0.20	23.89	<=30	Pass

		8	7	24.21	-0.20	24.01	<=30	Pass
			14	24.10	-0.20	23.90	<=30	Pass
			0	23.09	-0.20	22.89	<=30	Pass
			4	23.10	-0.20	22.90	<=30	Pass
			7	23.12	-0.20	22.92	<=30	Pass
		15	0	23.09	-0.20	22.89	<=30	Pass
16QAM	1711.5	1	0	23.10	-0.20	22.90	<=30	Pass
			7	23.28	-0.20	23.08	<=30	Pass
			14	23.10	-0.20	22.90	<=30	Pass
		8	0	22.06	-0.20	21.86	<=30	Pass
			4	22.07	-0.20	21.87	<=30	Pass
			7	22.05	-0.20	21.85	<=30	Pass
		15	0	21.97	-0.20	21.77	<=30	Pass
	1732.5	1	0	23.14	-0.20	22.94	<=30	Pass
			7	23.13	-0.20	22.93	<=30	Pass
			14	23.11	-0.20	22.91	<=30	Pass
		8	0	22.03	-0.20	21.83	<=30	Pass
			4	21.93	-0.20	21.73	<=30	Pass
			7	21.97	-0.20	21.77	<=30	Pass
		15	0	21.93	-0.20	21.73	<=30	Pass
	1753.5	1	0	23.17	-0.20	22.97	<=30	Pass
			7	23.31	-0.20	23.11	<=30	Pass
			14	23.21	-0.20	23.01	<=30	Pass
		8	0	22.19	-0.20	21.99	<=30	Pass
			4	22.19	-0.20	21.99	<=30	Pass
			7	22.16	-0.20	21.96	<=30	Pass
		15	0	22.09	-0.20	21.89	<=30	Pass
64QAM	1711.5	1	0	22.22	-0.20	22.02	<=30	Pass
			7	22.21	-0.20	22.01	<=30	Pass
			14	22.21	-0.20	22.01	<=30	Pass
		8	0	21.15	-0.20	20.95	<=30	Pass
			4	21.12	-0.20	20.92	<=30	Pass
			7	21.04	-0.20	20.84	<=30	Pass
		15	0	21.06	-0.20	20.86	<=30	Pass
	1732.5	1	0	22.03	-0.20	21.83	<=30	Pass
			7	22.08	-0.20	21.88	<=30	Pass
			14	22.11	-0.20	21.91	<=30	Pass
		8	0	21.17	-0.20	20.97	<=30	Pass
			4	21.13	-0.20	20.93	<=30	Pass
			7	21.15	-0.20	20.95	<=30	Pass
		15	0	21.09	-0.20	20.89	<=30	Pass
	1753.5	1	0	22.26	-0.20	22.06	<=30	Pass
			7	22.33	-0.20	22.13	<=30	Pass
			14	22.38	-0.20	22.18	<=30	Pass
		8	0	21.22	-0.20	21.02	<=30	Pass
			4	21.17	-0.20	20.97	<=30	Pass
			7	21.23	-0.20	21.03	<=30	Pass
		15	0	21.17	-0.20	20.97	<=30	Pass
256QAM	1711.5	1	0	19.05	-0.20	18.85	<=30	Pass
			7	19.05	-0.20	18.85	<=30	Pass
			14	19.03	-0.20	18.83	<=30	Pass
		8	0	19.06	-0.20	18.86	<=30	Pass
			4	19.07	-0.20	18.87	<=30	Pass
			7	19.05	-0.20	18.85	<=30	Pass
		15	0	18.98	-0.20	18.78	<=30	Pass
	1732.5	1	0	19.11	-0.20	18.91	<=30	Pass
			7	19.12	-0.20	18.92	<=30	Pass
			14	19.10	-0.20	18.90	<=30	Pass
		8	0	19.14	-0.20	18.94	<=30	Pass
			0	19.14	-0.20	18.94	<=30	Pass

			4	19.11	-0.20	18.91	<=30	Pass
			7	19.04	-0.20	18.84	<=30	Pass
		15	0	19.10	-0.20	18.90	<=30	Pass
	1753.5	1	0	19.33	-0.20	19.13	<=30	Pass
			7	19.28	-0.20	19.08	<=30	Pass
			14	19.23	-0.20	19.03	<=30	Pass
		8	0	19.20	-0.20	19.00	<=30	Pass
			4	19.15	-0.20	18.95	<=30	Pass
			7	19.20	-0.20	19.00	<=30	Pass
		15	0	19.16	-0.20	18.96	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	24.17	-0.20	23.97	<=30	Pass
			13	23.96	-0.20	23.76	<=30	Pass
			24	23.99	-0.20	23.79	<=30	Pass
		12	0	23.10	-0.20	22.90	<=30	Pass
			6	23.04	-0.20	22.84	<=30	Pass
			13	23.07	-0.20	22.87	<=30	Pass
		25	0	23.07	-0.20	22.87	<=30	Pass
	1732.5	1	0	23.96	-0.20	23.76	<=30	Pass
			13	23.94	-0.20	23.74	<=30	Pass
			24	23.95	-0.20	23.75	<=30	Pass
		12	0	23.06	-0.20	22.86	<=30	Pass
			6	23.00	-0.20	22.80	<=30	Pass
			13	23.02	-0.20	22.82	<=30	Pass
		25	0	22.98	-0.20	22.78	<=30	Pass
	1752.5	1	0	24.07	-0.20	23.87	<=30	Pass
			13	24.14	-0.20	23.94	<=30	Pass
			24	24.16	-0.20	23.96	<=30	Pass
		12	0	23.16	-0.20	22.96	<=30	Pass
			6	23.14	-0.20	22.94	<=30	Pass
			13	23.21	-0.20	23.01	<=30	Pass
		25	0	23.20	-0.20	23.00	<=30	Pass
16QAM	1712.5	1	0	23.38	-0.20	23.18	<=30	Pass
			13	23.32	-0.20	23.12	<=30	Pass
			24	23.34	-0.20	23.14	<=30	Pass
		12	0	22.07	-0.20	21.87	<=30	Pass
			6	22.01	-0.20	21.81	<=30	Pass
			13	22.05	-0.20	21.85	<=30	Pass
		25	0	22.05	-0.20	21.85	<=30	Pass
	1732.5	1	0	23.16	-0.20	22.96	<=30	Pass
			13	23.25	-0.20	23.05	<=30	Pass
			24	23.32	-0.20	23.12	<=30	Pass
		12	0	22.04	-0.20	21.84	<=30	Pass
			6	22.02	-0.20	21.82	<=30	Pass
			13	21.97	-0.20	21.77	<=30	Pass
		25	0	22.02	-0.20	21.82	<=30	Pass
	1752.5	1	0	23.40	-0.20	23.20	<=30	Pass
			13	23.31	-0.20	23.11	<=30	Pass
			24	23.40	-0.20	23.20	<=30	Pass
		12	0	22.08	-0.20	21.88	<=30	Pass
			6	22.15	-0.20	21.95	<=30	Pass

			13	22.19	-0.20	21.99	<=30	Pass	
		25	0	22.17	-0.20	21.97	<=30	Pass	
64QAM	1712.5	1	0	22.26	-0.20	22.06	<=30	Pass	
			13	22.19	-0.20	21.99	<=30	Pass	
			24	22.17	-0.20	21.97	<=30	Pass	
			0	21.08	-0.20	20.88	<=30	Pass	
		12	6	21.14	-0.20	20.94	<=30	Pass	
			13	21.10	-0.20	20.90	<=30	Pass	
			25	0	21.12	-0.20	20.92	<=30	Pass
		1732.5	1	0	22.19	-0.20	21.99	<=30	Pass
				13	22.18	-0.20	21.98	<=30	Pass
	24			22.22	-0.20	22.02	<=30	Pass	
	0			21.27	-0.20	21.07	<=30	Pass	
	12		6	21.21	-0.20	21.01	<=30	Pass	
			13	21.17	-0.20	20.97	<=30	Pass	
			25	0	21.15	-0.20	20.95	<=30	Pass
	1752.5		1	0	22.26	-0.20	22.06	<=30	Pass
		13		22.27	-0.20	22.07	<=30	Pass	
		24		22.38	-0.20	22.18	<=30	Pass	
		0		21.34	-0.20	21.14	<=30	Pass	
		12	6	21.24	-0.20	21.04	<=30	Pass	
			13	21.29	-0.20	21.09	<=30	Pass	
			25	0	21.27	-0.20	21.07	<=30	Pass
		256QAM	1712.5	1	0	19.16	-0.20	18.96	<=30
	13				19.16	-0.20	18.96	<=30	Pass
24	19.10				-0.20	18.90	<=30	Pass	
12	0			19.09	-0.20	18.89	<=30	Pass	
	6			19.05	-0.20	18.85	<=30	Pass	
	13			19.05	-0.20	18.85	<=30	Pass	
25	0			19.09	-0.20	18.89	<=30	Pass	
1732.5	1		0	19.19	-0.20	18.99	<=30	Pass	
			13	19.18	-0.20	18.98	<=30	Pass	
			24	19.12	-0.20	18.92	<=30	Pass	
			0	19.17	-0.20	18.97	<=30	Pass	
	12		6	19.15	-0.20	18.95	<=30	Pass	
			13	19.11	-0.20	18.91	<=30	Pass	
			25	0	19.13	-0.20	18.93	<=30	Pass
1752.5	1		0	19.29	-0.20	19.09	<=30	Pass	
			13	19.25	-0.20	19.05	<=30	Pass	
			24	19.25	-0.20	19.05	<=30	Pass	
			0	19.23	-0.20	19.03	<=30	Pass	
	12		6	19.23	-0.20	19.03	<=30	Pass	
			13	19.24	-0.20	19.04	<=30	Pass	
			25	0	19.21	-0.20	19.01	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	24.08	-0.20	23.88	<=30	Pass
			25	23.93	-0.20	23.73	<=30	Pass
			49	23.97	-0.20	23.77	<=30	Pass
		25	0	23.08	-0.20	22.88	<=30	Pass
			13	23.02	-0.20	22.82	<=30	Pass
			25	23.07	-0.20	22.87	<=30	Pass

		50	0	23.07	-0.20	22.87	<=30	Pass	
	1732.5	1	0	24.04	-0.20	23.84	<=30	Pass	
			25	23.95	-0.20	23.75	<=30	Pass	
			49	24.07	-0.20	23.87	<=30	Pass	
			0	23.07	-0.20	22.87	<=30	Pass	
		25	13	23.03	-0.20	22.83	<=30	Pass	
			25	23.03	-0.20	22.83	<=30	Pass	
	50	0	23.03	-0.20	22.83	<=30	Pass		
	1750	1	0	24.24	-0.20	24.04	<=30	Pass	
			25	24.17	-0.20	23.97	<=30	Pass	
			49	24.16	-0.20	23.96	<=30	Pass	
			0	23.16	-0.20	22.96	<=30	Pass	
		25	13	23.17	-0.20	22.97	<=30	Pass	
			25	23.19	-0.20	22.99	<=30	Pass	
			50	0	23.19	-0.20	22.99	<=30	Pass
16QAM	1715	1	0	23.38	-0.20	23.18	<=30	Pass	
			25	23.21	-0.20	23.01	<=30	Pass	
			49	23.20	-0.20	23.00	<=30	Pass	
		25	0	22.05	-0.20	21.85	<=30	Pass	
			13	22.00	-0.20	21.80	<=30	Pass	
			25	22.11	-0.20	21.91	<=30	Pass	
		50	0	22.05	-0.20	21.85	<=30	Pass	
		1732.5	1	0	23.24	-0.20	23.04	<=30	Pass
	25			23.20	-0.20	23.00	<=30	Pass	
	49			23.35	-0.20	23.15	<=30	Pass	
	25		0	22.08	-0.20	21.88	<=30	Pass	
			13	22.00	-0.20	21.80	<=30	Pass	
			25	22.02	-0.20	21.82	<=30	Pass	
	50		0	22.08	-0.20	21.88	<=30	Pass	
	1750		1	0	23.37	-0.20	23.17	<=30	Pass
		25		23.32	-0.20	23.12	<=30	Pass	
		49		23.47	-0.20	23.27	<=30	Pass	
		25	0	22.14	-0.20	21.94	<=30	Pass	
			13	22.13	-0.20	21.93	<=30	Pass	
			25	22.23	-0.20	22.03	<=30	Pass	
		50	0	22.16	-0.20	21.96	<=30	Pass	
	64QAM	1715	1	0	22.33	-0.20	22.13	<=30	Pass
				25	22.23	-0.20	22.03	<=30	Pass
49				22.18	-0.20	21.98	<=30	Pass	
25			0	21.06	-0.20	20.86	<=30	Pass	
			13	21.06	-0.20	20.86	<=30	Pass	
			25	21.10	-0.20	20.90	<=30	Pass	
50			0	21.06	-0.20	20.86	<=30	Pass	
1732.5			1	0	22.27	-0.20	22.07	<=30	Pass
		25		22.20	-0.20	22.00	<=30	Pass	
		49		22.29	-0.20	22.09	<=30	Pass	
		25	0	21.18	-0.20	20.98	<=30	Pass	
			13	21.14	-0.20	20.94	<=30	Pass	
			25	21.13	-0.20	20.93	<=30	Pass	
		50	0	21.20	-0.20	21.00	<=30	Pass	
		1750	1	0	22.31	-0.20	22.11	<=30	Pass
25				22.31	-0.20	22.11	<=30	Pass	
49				22.47	-0.20	22.27	<=30	Pass	
25			0	21.22	-0.20	21.02	<=30	Pass	
			13	21.24	-0.20	21.04	<=30	Pass	
			25	21.25	-0.20	21.05	<=30	Pass	
50			0	21.24	-0.20	21.04	<=30	Pass	
256QAM		1715	1	0	19.20	-0.20	19.00	<=30	Pass
				25	19.13	-0.20	18.93	<=30	Pass

			49	19.20	-0.20	19.00	<=30	Pass
		25	0	19.02	-0.20	18.82	<=30	Pass
			13	18.99	-0.20	18.79	<=30	Pass
			25	19.09	-0.20	18.89	<=30	Pass
		50	0	19.08	-0.20	18.88	<=30	Pass
	1732.5	1	0	19.30	-0.20	19.10	<=30	Pass
			25	19.24	-0.20	19.04	<=30	Pass
			49	19.31	-0.20	19.11	<=30	Pass
		25	0	19.19	-0.20	18.99	<=30	Pass
			13	19.14	-0.20	18.94	<=30	Pass
			25	19.09	-0.20	18.89	<=30	Pass
		50	0	19.20	-0.20	19.00	<=30	Pass
	1750	1	0	19.43	-0.20	19.23	<=30	Pass
			25	19.27	-0.20	19.07	<=30	Pass
			49	19.29	-0.20	19.09	<=30	Pass
		25	0	19.21	-0.20	19.01	<=30	Pass
			13	19.24	-0.20	19.04	<=30	Pass
			25	19.23	-0.20	19.03	<=30	Pass
		50	0	19.21	-0.20	19.01	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B4_15MHz_EIRP

Band: 4 / Bandwidth: 15MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1717.5	1	0	24.12	-0.20	23.92	<=30	Pass
			38	24.02	-0.20	23.82	<=30	Pass
			74	24.06	-0.20	23.86	<=30	Pass
		36	0	23.06	-0.20	22.86	<=30	Pass
			18	23.01	-0.20	22.81	<=30	Pass
			39	23.02	-0.20	22.82	<=30	Pass
		75	0	23.03	-0.20	22.83	<=30	Pass
	1732.5	1	0	24.07	-0.20	23.87	<=30	Pass
			38	24.07	-0.20	23.87	<=30	Pass
			74	24.15	-0.20	23.95	<=30	Pass
		36	0	23.09	-0.20	22.89	<=30	Pass
			18	23.01	-0.20	22.81	<=30	Pass
			39	23.03	-0.20	22.83	<=30	Pass
		75	0	23.07	-0.20	22.87	<=30	Pass
	1747.5	1	0	24.07	-0.20	23.87	<=30	Pass
			38	24.19	-0.20	23.99	<=30	Pass
			74	24.16	-0.20	23.96	<=30	Pass
		36	0	23.07	-0.20	22.87	<=30	Pass
			18	23.14	-0.20	22.94	<=30	Pass
			39	23.20	-0.20	23.00	<=30	Pass
		75	0	23.20	-0.20	23.00	<=30	Pass
16QAM	1717.5	1	0	23.37	-0.20	23.17	<=30	Pass
			38	23.27	-0.20	23.07	<=30	Pass
			74	23.25	-0.20	23.05	<=30	Pass
		36	0	22.11	-0.20	21.91	<=30	Pass
			18	21.99	-0.20	21.79	<=30	Pass
			39	22.00	-0.20	21.80	<=30	Pass
		75	0	22.03	-0.20	21.83	<=30	Pass
	1732.5	1	0	23.43	-0.20	23.23	<=30	Pass
			38	23.24	-0.20	23.04	<=30	Pass
			74	23.34	-0.20	23.14	<=30	Pass

		36	0	22.09	-0.20	21.89	<=30	Pass
			18	21.96	-0.20	21.76	<=30	Pass
			39	22.07	-0.20	21.87	<=30	Pass
		75	0	22.09	-0.20	21.89	<=30	Pass
	1747.5	1	0	23.39	-0.20	23.19	<=30	Pass
			38	23.29	-0.20	23.09	<=30	Pass
			74	23.51	-0.20	23.31	<=30	Pass
		36	0	22.13	-0.20	21.93	<=30	Pass
			18	22.15	-0.20	21.95	<=30	Pass
			39	22.26	-0.20	22.06	<=30	Pass
		75	0	22.16	-0.20	21.96	<=30	Pass
64QAM	1717.5	1	0	22.27	-0.20	22.07	<=30	Pass
			38	22.25	-0.20	22.05	<=30	Pass
			74	22.09	-0.20	21.89	<=30	Pass
		36	0	21.11	-0.20	20.91	<=30	Pass
			18	21.07	-0.20	20.87	<=30	Pass
			39	21.11	-0.20	20.91	<=30	Pass
		75	0	21.06	-0.20	20.86	<=30	Pass
	1732.5	1	0	22.29	-0.20	22.09	<=30	Pass
			38	22.28	-0.20	22.08	<=30	Pass
			74	22.25	-0.20	22.05	<=30	Pass
		36	0	21.18	-0.20	20.98	<=30	Pass
			18	21.12	-0.20	20.92	<=30	Pass
			39	21.18	-0.20	20.98	<=30	Pass
		75	0	21.19	-0.20	20.99	<=30	Pass
	1747.5	1	0	22.21	-0.20	22.01	<=30	Pass
			38	22.36	-0.20	22.16	<=30	Pass
			74	22.42	-0.20	22.22	<=30	Pass
		36	0	21.25	-0.20	21.05	<=30	Pass
			18	21.27	-0.20	21.07	<=30	Pass
			39	21.30	-0.20	21.10	<=30	Pass
		75	0	21.28	-0.20	21.08	<=30	Pass
256QAM	1717.5	1	0	19.14	-0.20	18.94	<=30	Pass
			38	19.13	-0.20	18.93	<=30	Pass
			74	19.14	-0.20	18.94	<=30	Pass
		36	0	19.06	-0.20	18.86	<=30	Pass
			18	19.04	-0.20	18.84	<=30	Pass
			39	19.05	-0.20	18.85	<=30	Pass
		75	0	19.05	-0.20	18.85	<=30	Pass
	1732.5	1	0	19.24	-0.20	19.04	<=30	Pass
			38	19.27	-0.20	19.07	<=30	Pass
			74	19.34	-0.20	19.14	<=30	Pass
		36	0	19.14	-0.20	18.94	<=30	Pass
			18	19.11	-0.20	18.91	<=30	Pass
			39	19.12	-0.20	18.92	<=30	Pass
		75	0	19.18	-0.20	18.98	<=30	Pass
	1747.5	1	0	19.38	-0.20	19.18	<=30	Pass
			38	19.35	-0.20	19.15	<=30	Pass
			74	19.32	-0.20	19.12	<=30	Pass
		36	0	19.23	-0.20	19.03	<=30	Pass
			18	19.24	-0.20	19.04	<=30	Pass
			39	19.25	-0.20	19.05	<=30	Pass
		75	0	19.26	-0.20	19.06	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	24.05	-0.20	23.85	<=30	Pass
			50	23.92	-0.20	23.72	<=30	Pass
			99	23.93	-0.20	23.73	<=30	Pass
		50	0	23.05	-0.20	22.85	<=30	Pass
			25	23.04	-0.20	22.84	<=30	Pass
			50	23.04	-0.20	22.84	<=30	Pass
		100	0	23.02	-0.20	22.82	<=30	Pass
	1732.5	1	0	24.03	-0.20	23.83	<=30	Pass
			50	24.04	-0.20	23.84	<=30	Pass
			99	24.03	-0.20	23.83	<=30	Pass
		50	0	23.15	-0.20	22.95	<=30	Pass
			25	23.10	-0.20	22.90	<=30	Pass
			50	23.11	-0.20	22.91	<=30	Pass
		100	0	23.15	-0.20	22.95	<=30	Pass
	1745	1	0	24.11	-0.20	23.91	<=30	Pass
			50	24.12	-0.20	23.92	<=30	Pass
			99	24.33	-0.20	24.13	<=30	Pass
		50	0	23.13	-0.20	22.93	<=30	Pass
			25	23.16	-0.20	22.96	<=30	Pass
			50	23.27	-0.20	23.07	<=30	Pass
		100	0	23.20	-0.20	23.00	<=30	Pass
16QAM	1720	1	0	23.39	-0.20	23.19	<=30	Pass
			50	23.21	-0.20	23.01	<=30	Pass
			99	23.17	-0.20	22.97	<=30	Pass
		50	0	21.98	-0.20	21.78	<=30	Pass
			25	22.02	-0.20	21.82	<=30	Pass
			50	22.02	-0.20	21.82	<=30	Pass
		100	0	22.02	-0.20	21.82	<=30	Pass
	1732.5	1	0	23.37	-0.20	23.17	<=30	Pass
			50	23.30	-0.20	23.10	<=30	Pass
			99	23.38	-0.20	23.18	<=30	Pass
		50	0	22.14	-0.20	21.94	<=30	Pass
			25	22.09	-0.20	21.89	<=30	Pass
			50	22.11	-0.20	21.91	<=30	Pass
		100	0	22.14	-0.20	21.94	<=30	Pass
	1745	1	0	23.38	-0.20	23.18	<=30	Pass
			50	23.27	-0.20	23.07	<=30	Pass
			99	23.49	-0.20	23.29	<=30	Pass
		50	0	22.12	-0.20	21.92	<=30	Pass
			25	22.16	-0.20	21.96	<=30	Pass
			50	22.29	-0.20	22.09	<=30	Pass
		100	0	22.14	-0.20	21.94	<=30	Pass
64QAM	1720	1	0	22.33	-0.20	22.13	<=30	Pass
			50	22.17	-0.20	21.97	<=30	Pass
			99	22.22	-0.20	22.02	<=30	Pass
		50	0	21.05	-0.20	20.85	<=30	Pass
			25	21.09	-0.20	20.89	<=30	Pass
			50	21.08	-0.20	20.88	<=30	Pass
		100	0	21.04	-0.20	20.84	<=30	Pass
	1732.5	1	0	22.23	-0.20	22.03	<=30	Pass
			50	22.25	-0.20	22.05	<=30	Pass
			99	22.18	-0.20	21.98	<=30	Pass
		50	0	21.20	-0.20	21.00	<=30	Pass
			25	21.20	-0.20	21.00	<=30	Pass
			50	21.25	-0.20	21.05	<=30	Pass
		100	0	21.19	-0.20	20.99	<=30	Pass

	1745	1	0	22.21	-0.20	22.01	<=30	Pass		
			50	22.33	-0.20	22.13	<=30	Pass		
			99	22.36	-0.20	22.16	<=30	Pass		
		50	0	21.24	-0.20	21.04	<=30	Pass		
			25	21.27	-0.20	21.07	<=30	Pass		
			50	21.35	-0.20	21.15	<=30	Pass		
		100	0	21.30	-0.20	21.10	<=30	Pass		
		256QAM	1720	1	0	19.20	-0.20	19.00	<=30	Pass
					50	19.17	-0.20	18.97	<=30	Pass
99	19.18				-0.20	18.98	<=30	Pass		
50	0			18.99	-0.20	18.79	<=30	Pass		
	25			19.05	-0.20	18.85	<=30	Pass		
	50			19.03	-0.20	18.83	<=30	Pass		
100	0			19.05	-0.20	18.85	<=30	Pass		
1732.5	1			0	19.22	-0.20	19.02	<=30	Pass	
				50	19.28	-0.20	19.08	<=30	Pass	
			99	19.41	-0.20	19.21	<=30	Pass		
	50		0	19.18	-0.20	18.98	<=30	Pass		
			25	19.20	-0.20	19.00	<=30	Pass		
			50	19.17	-0.20	18.97	<=30	Pass		
	100		0	19.20	-0.20	19.00	<=30	Pass		
	1745		1	0	19.25	-0.20	19.05	<=30	Pass	
				50	19.38	-0.20	19.18	<=30	Pass	
99				19.36	-0.20	19.16	<=30	Pass		
50			0	19.20	-0.20	19.00	<=30	Pass		
			25	19.29	-0.20	19.09	<=30	Pass		
			50	19.25	-0.20	19.05	<=30	Pass		
100			0	19.29	-0.20	19.09	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1732.5	50	0	20	3.27	-5.100	-0.0029	-2.5 to 2.5	Pass
					3.85	3.100	0.0018	-2.5 to 2.5	Pass
					4.43	0.800	0.0005	-2.5 to 2.5	Pass
				-30	3.85	-2.000	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-5.500	-0.0032	-2.5 to 2.5	Pass
				-10	3.85	-2.000	-0.0012	-2.5 to 2.5	Pass
				0	3.85	7.500	0.0043	-2.5 to 2.5	Pass
				10	3.85	-7.400	-0.0043	-2.5 to 2.5	Pass
				30	3.85	3.100	0.0018	-2.5 to 2.5	Pass
				40	3.85	-7.400	-0.0043	-2.5 to 2.5	Pass
				50	3.85	2.200	0.0013	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

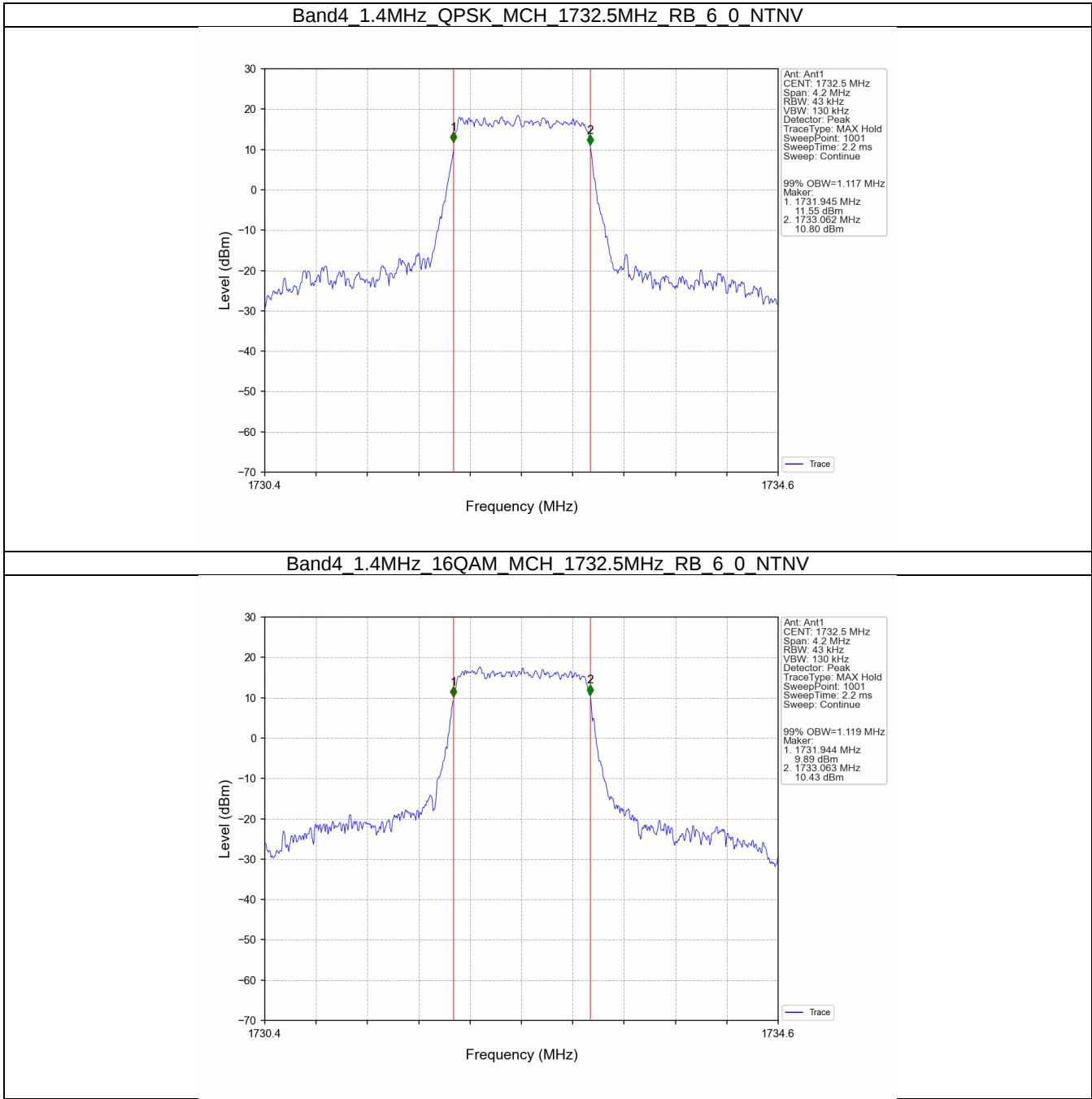
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.117	/	Pass
	16QAM	1732.5	6	0	1.119	/	Pass
3	QPSK	1732.5	15	0	2.718	/	Pass
	16QAM	1732.5	15	0	2.720	/	Pass
5	QPSK	1732.5	25	0	4.535	/	Pass
	16QAM	1732.5	25	0	4.523	/	Pass
10	QPSK	1732.5	50	0	9.067	/	Pass
	16QAM	1732.5	50	0	9.037	/	Pass
15	QPSK	1732.5	75	0	13.612	/	Pass
	16QAM	1732.5	75	0	13.604	/	Pass
20	QPSK	1732.5	100	0	18.078	/	Pass
	16QAM	1732.5	100	0	18.080	/	Pass

3.1.2 Band4_XDB

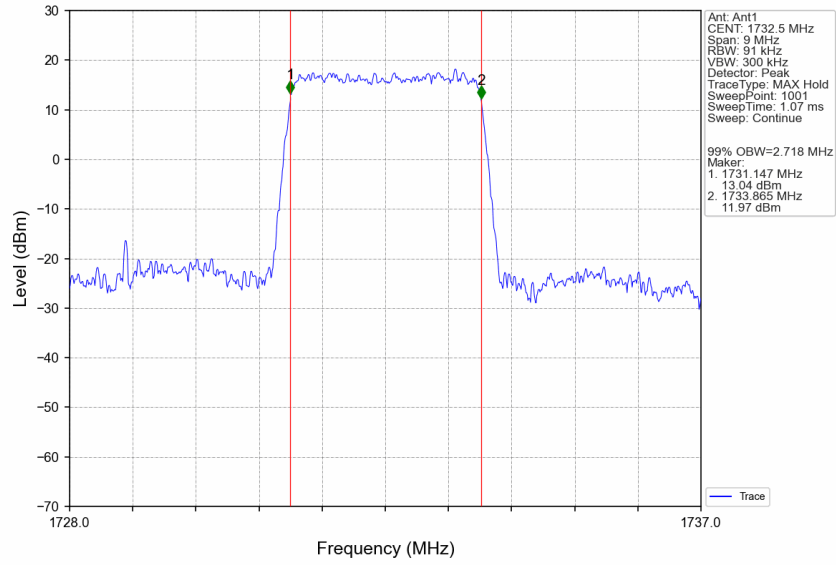
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.334	/	Pass
	16QAM	1732.5	6	0	1.325	/	Pass
3	QPSK	1732.5	15	0	3.014	/	Pass
	16QAM	1732.5	15	0	3.030	/	Pass
5	QPSK	1732.5	25	0	5.049	/	Pass
	16QAM	1732.5	25	0	5.035	/	Pass
10	QPSK	1732.5	50	0	9.953	/	Pass
	16QAM	1732.5	50	0	9.861	/	Pass
15	QPSK	1732.5	75	0	14.912	/	Pass
	16QAM	1732.5	75	0	14.871	/	Pass
20	QPSK	1732.5	100	0	19.770	/	Pass
	16QAM	1732.5	100	0	19.844	/	Pass

3.2 Test Graph

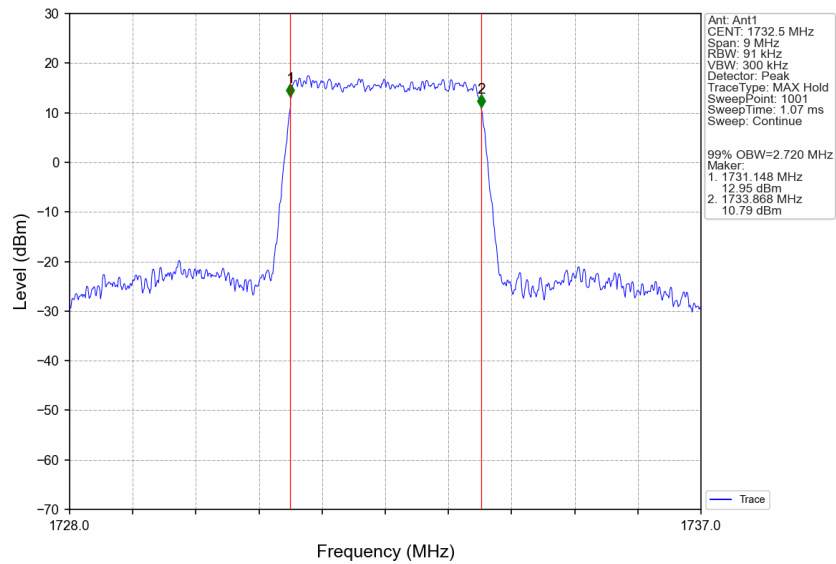
3.2.1 Band4_OBW



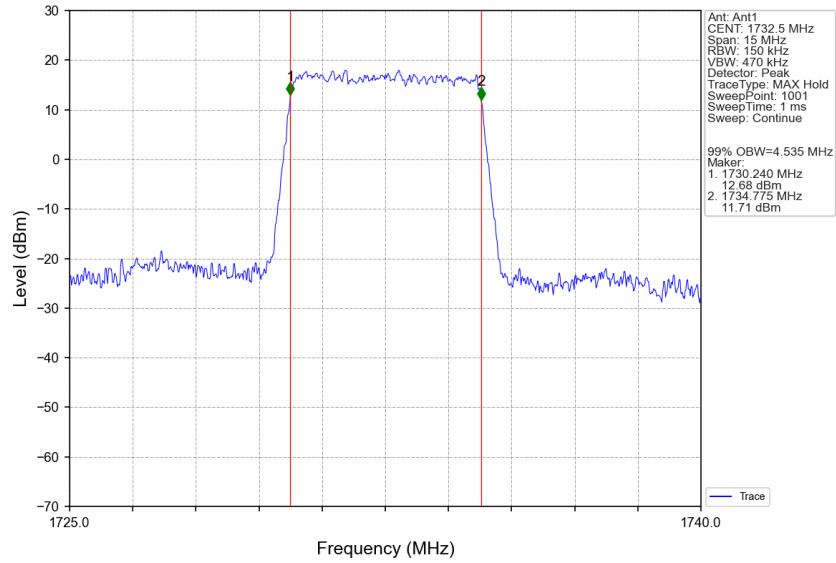
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



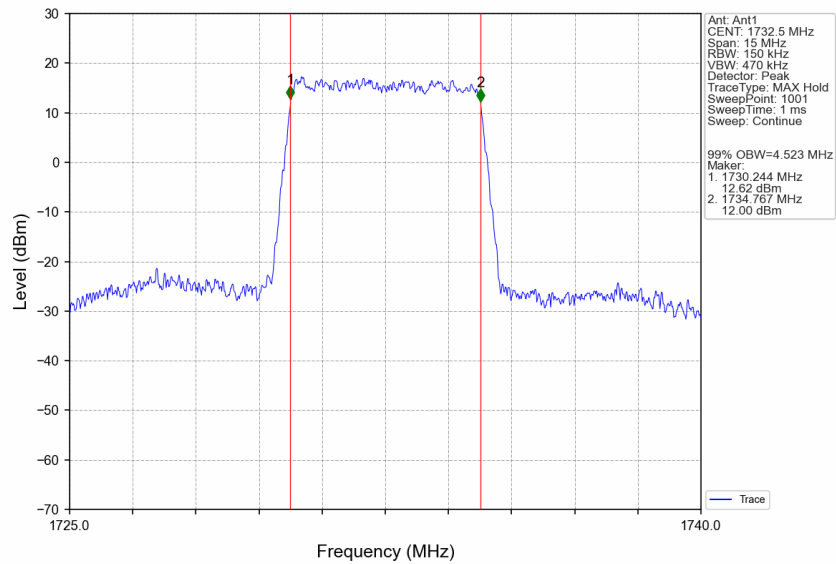
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



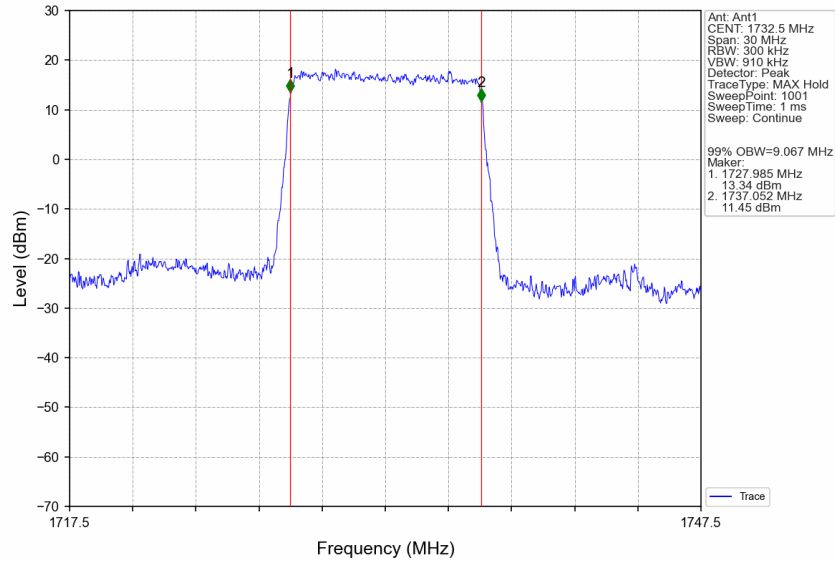
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



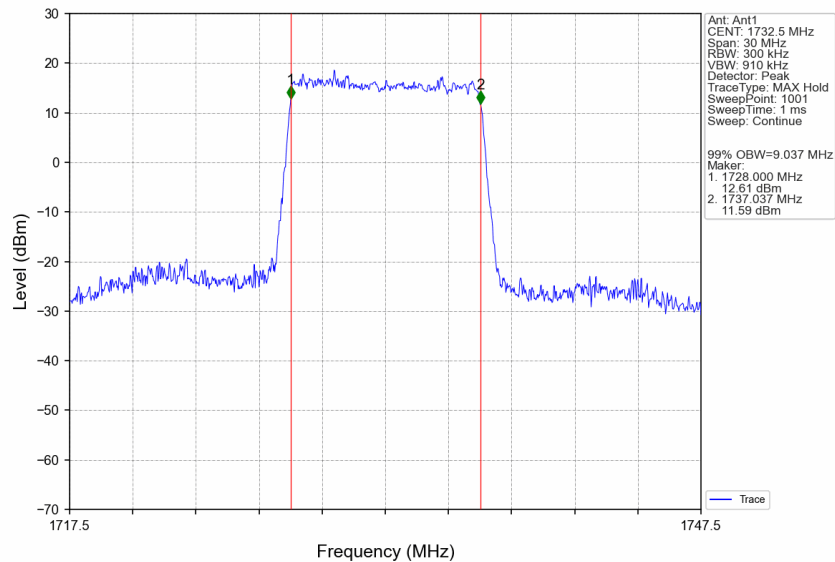
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



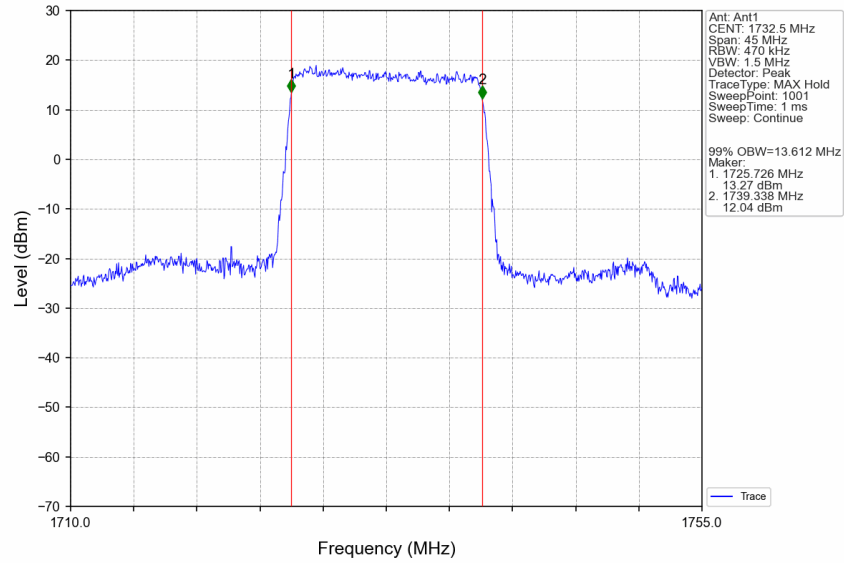
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



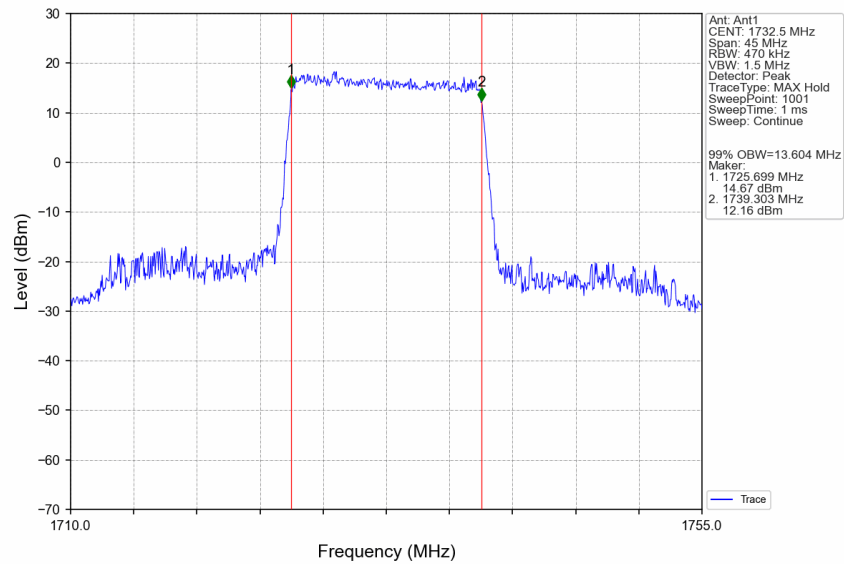
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



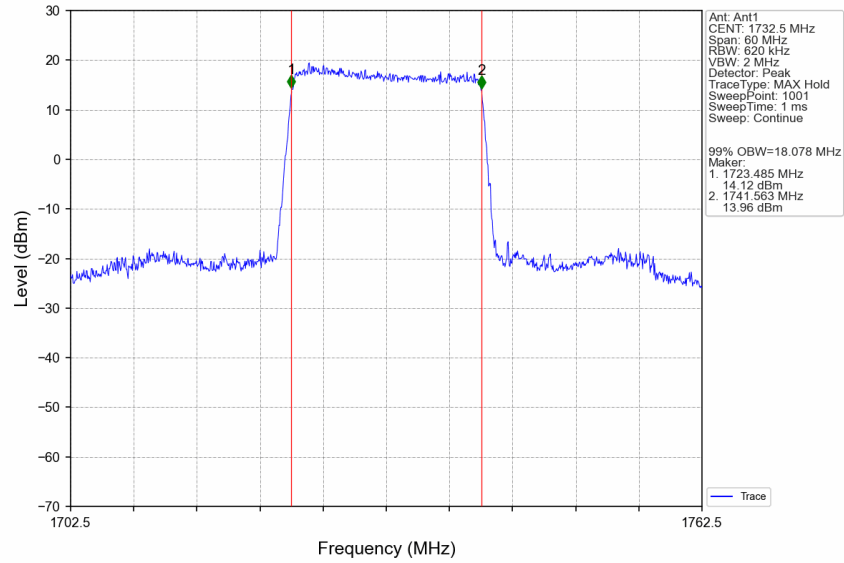
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



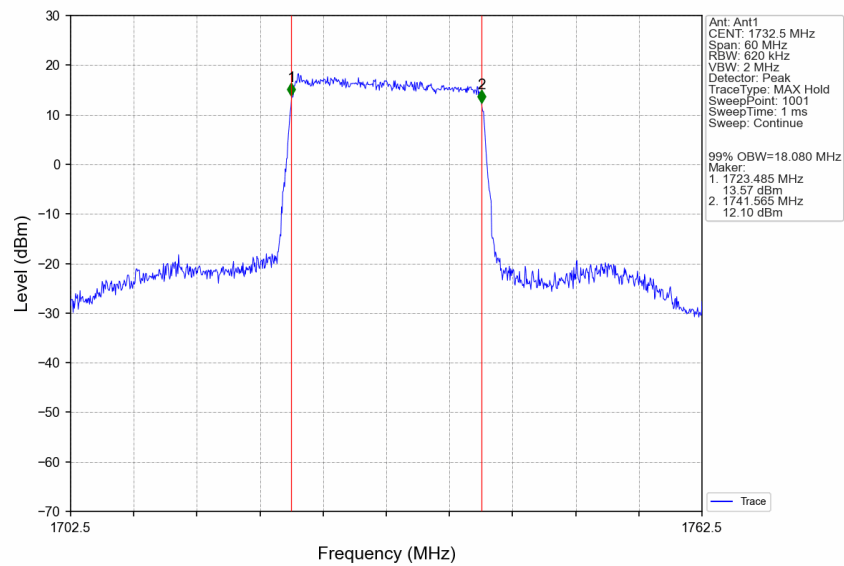
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



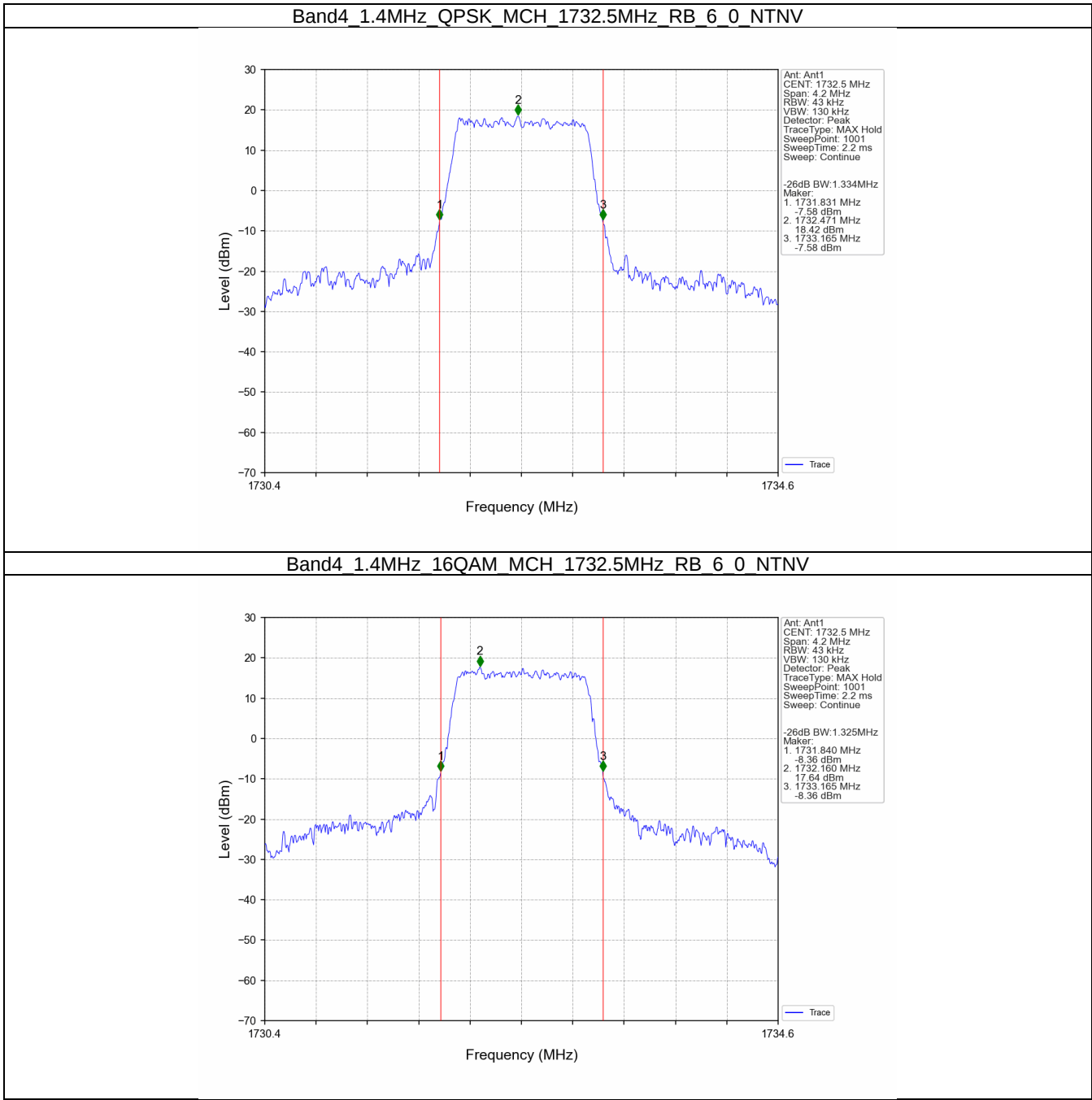
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



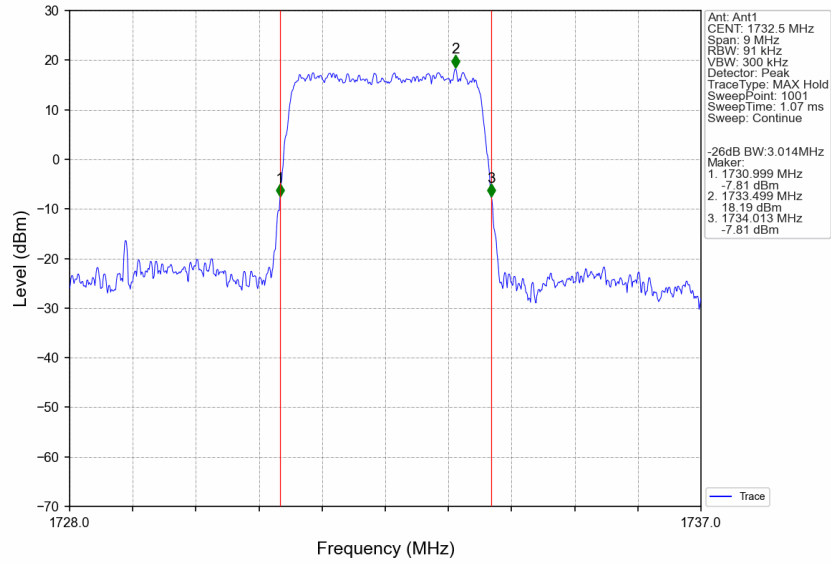
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



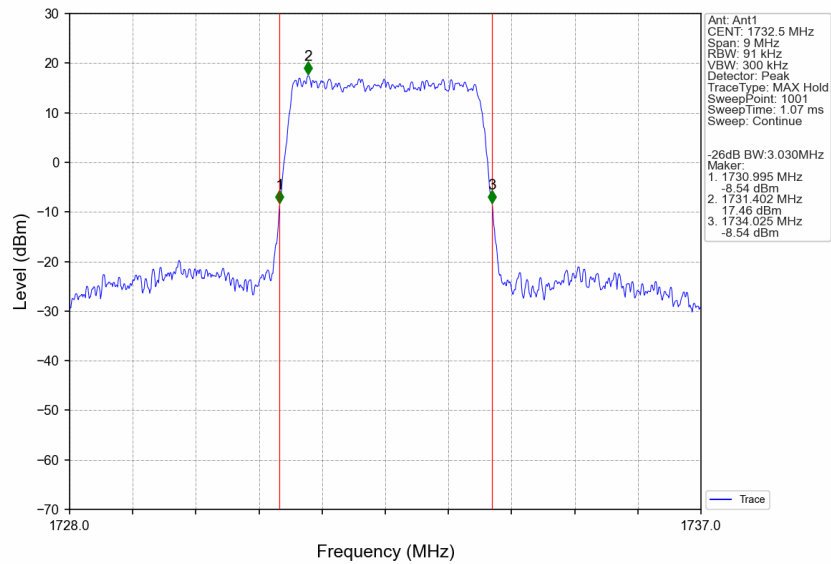
3.2.2 Band4_XDB



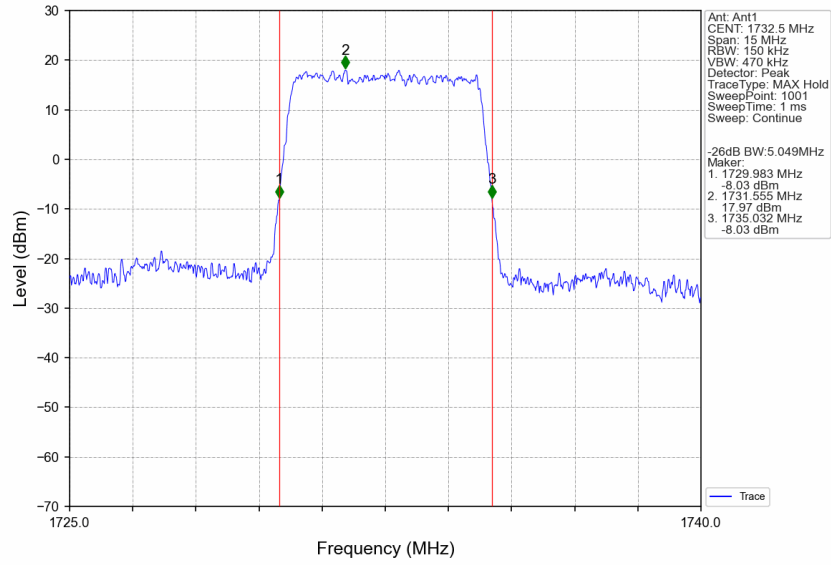
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



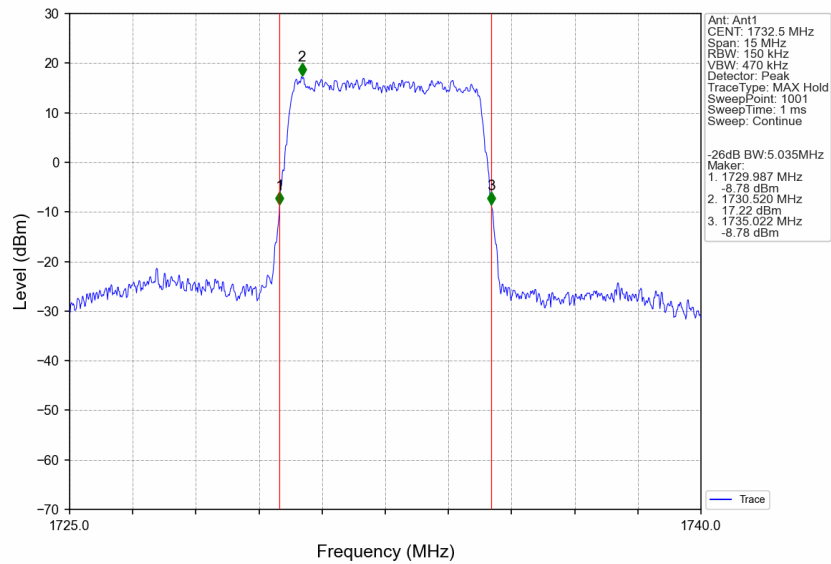
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



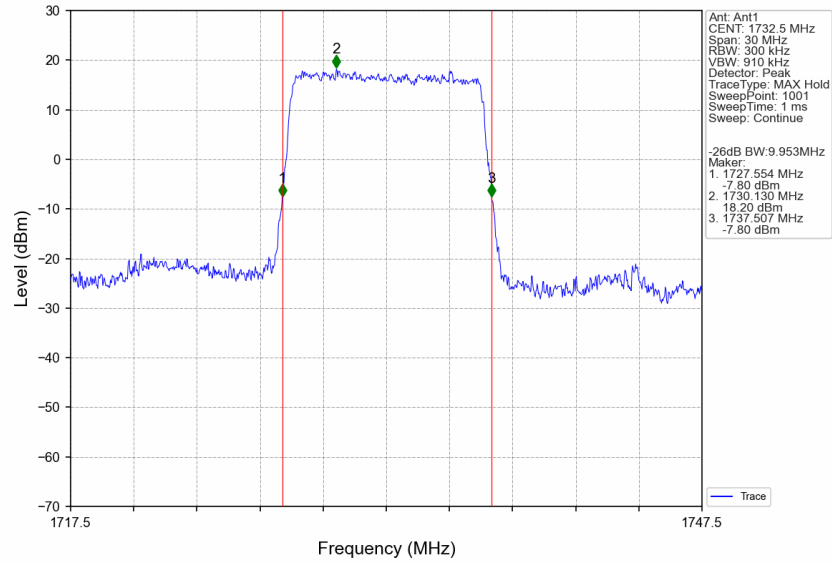
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



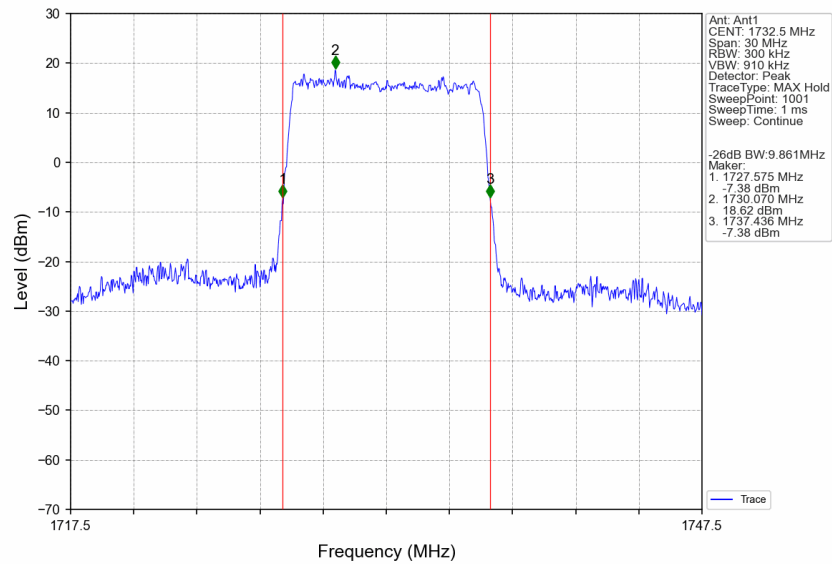
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



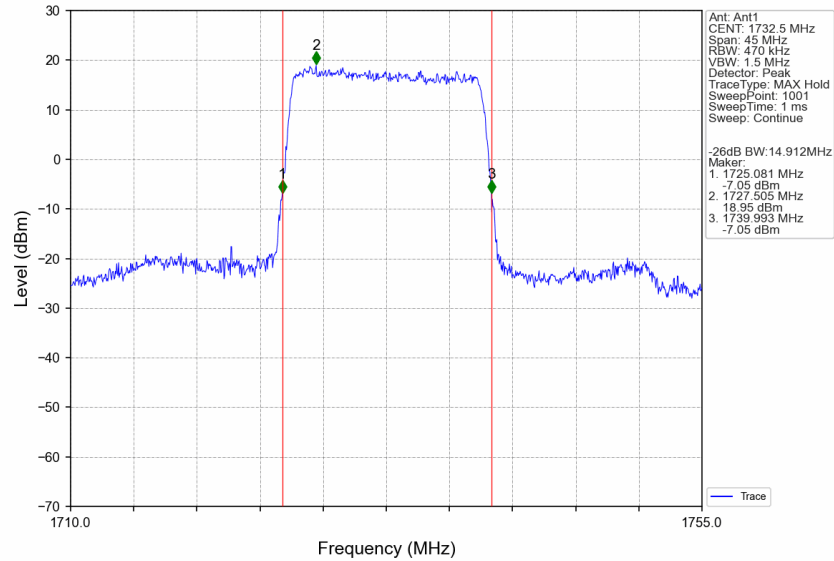
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



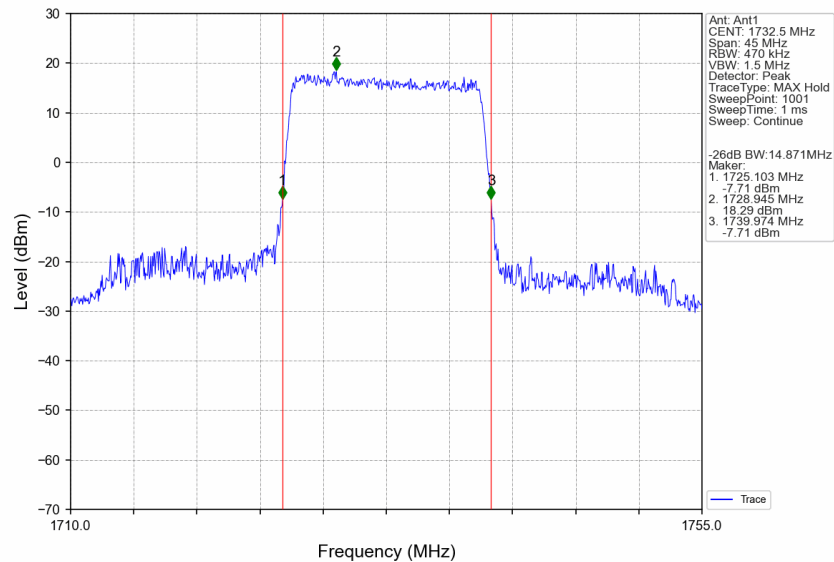
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



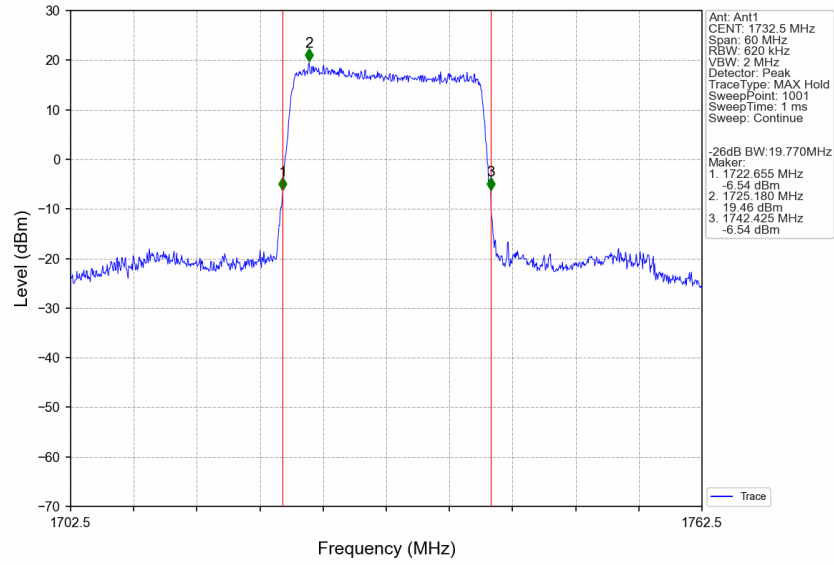
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



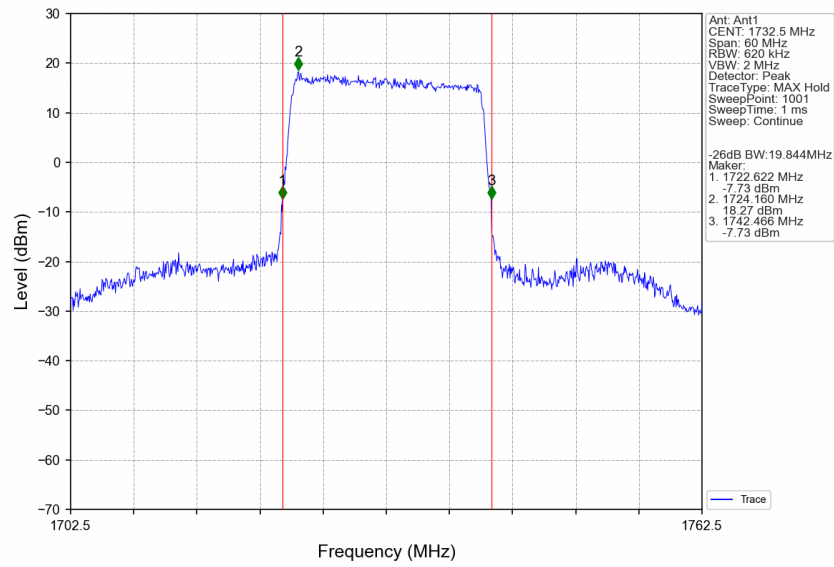
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



4. Peak-Average Ratio

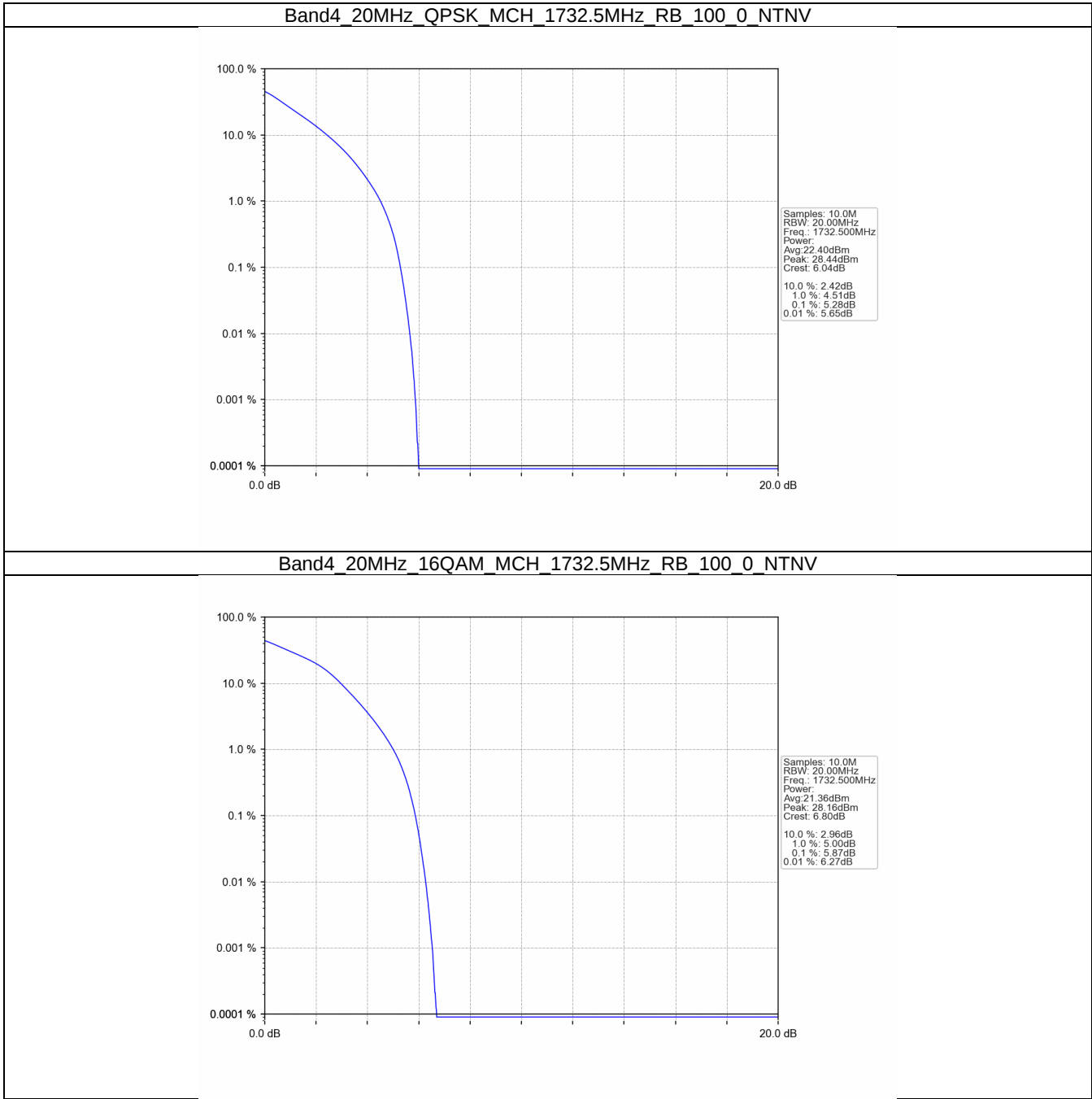
4.1 Test Result

4.1.1 B4_20MHz

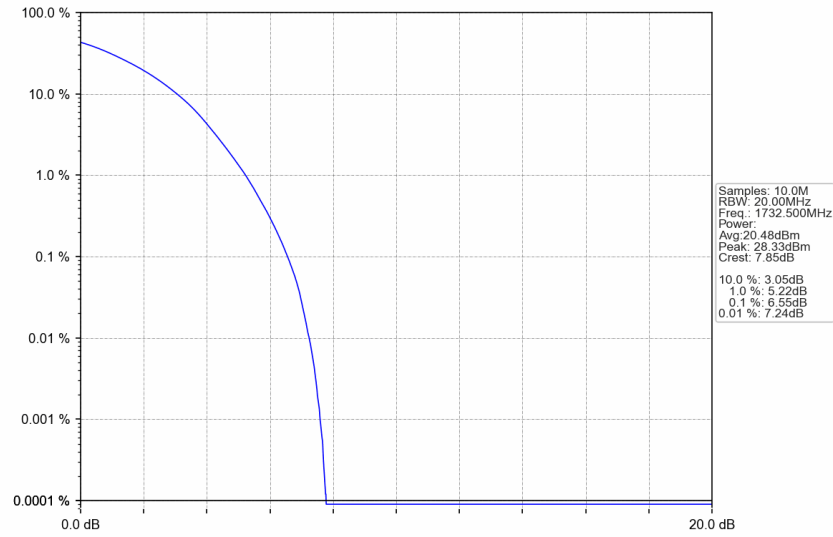
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.28	<=13	Pass
16QAM	1732.5	100	0	5.87	<=13	Pass
64QAM	1732.5	100	0	6.55	<=13	Pass
256QAM	1732.5	100	0	6.42	<=13	Pass

4.2 Test Graph

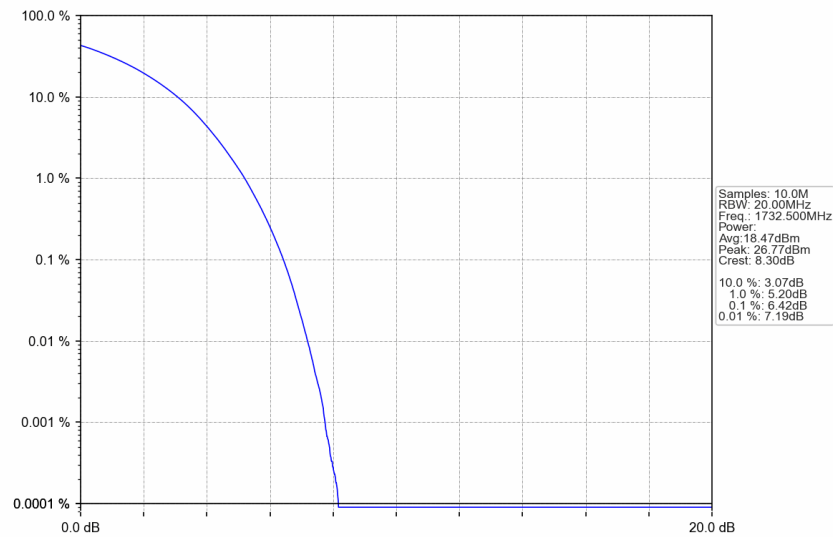
4.2.1 B4_20MHz



Band4_20MHz_64QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_256QAM_MCH_1732.5MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B4_1.4MHz

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

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B4_10MHz

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

		50	0	Refer To Test Graph	Pass
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5.1.5 B4_15MHz

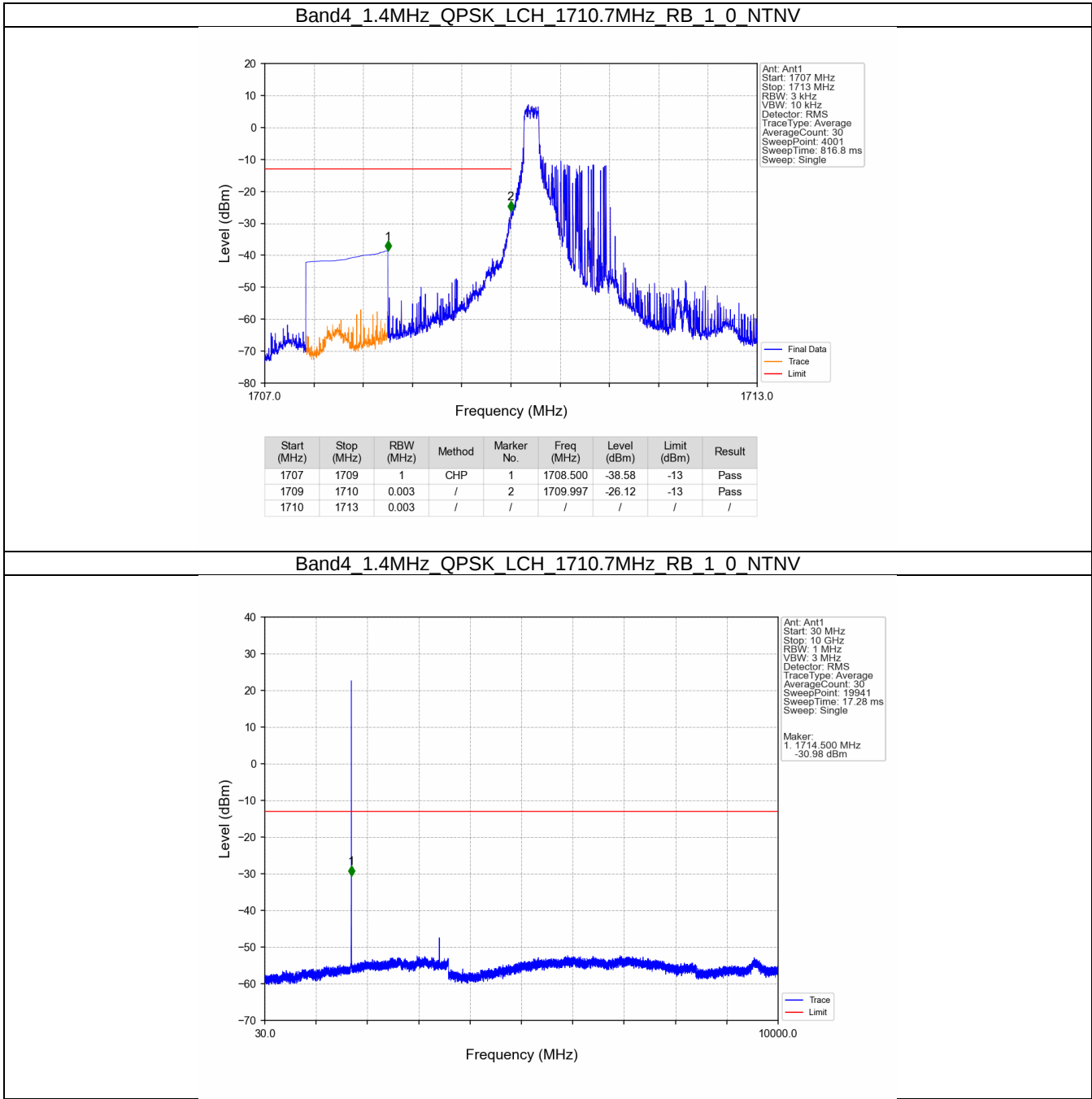
Band: 4 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

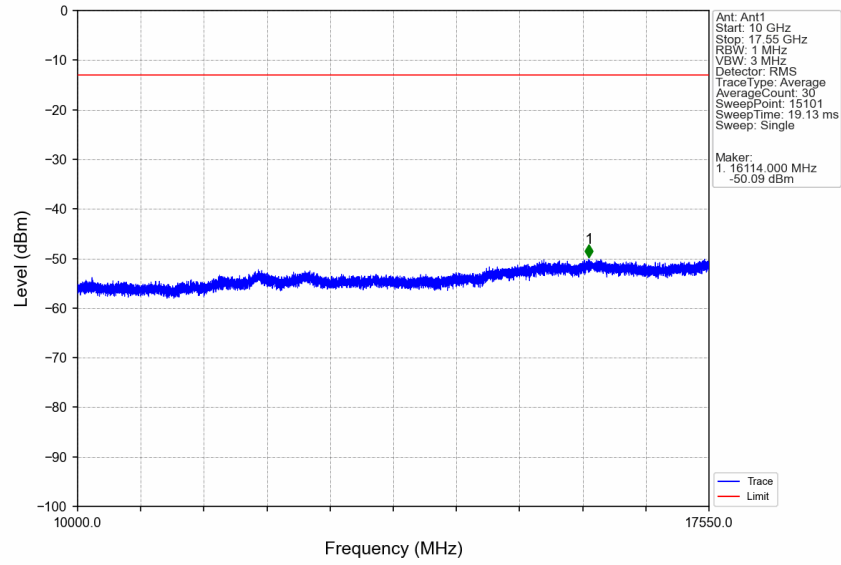
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

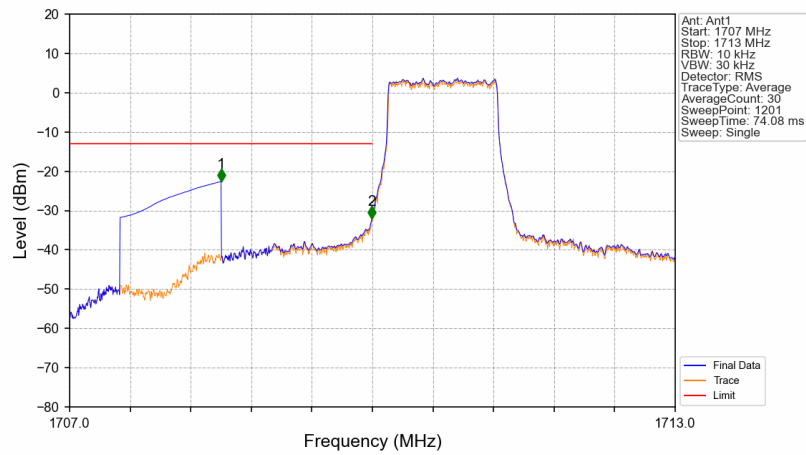
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

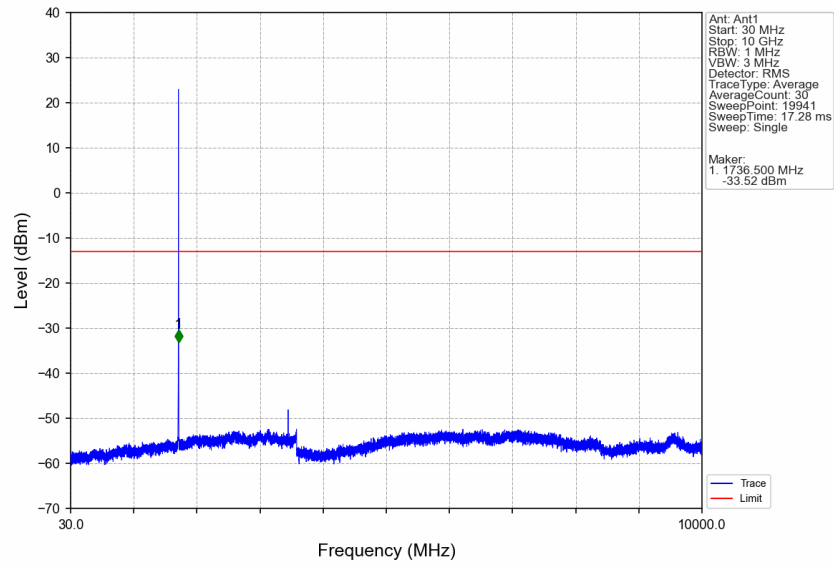


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

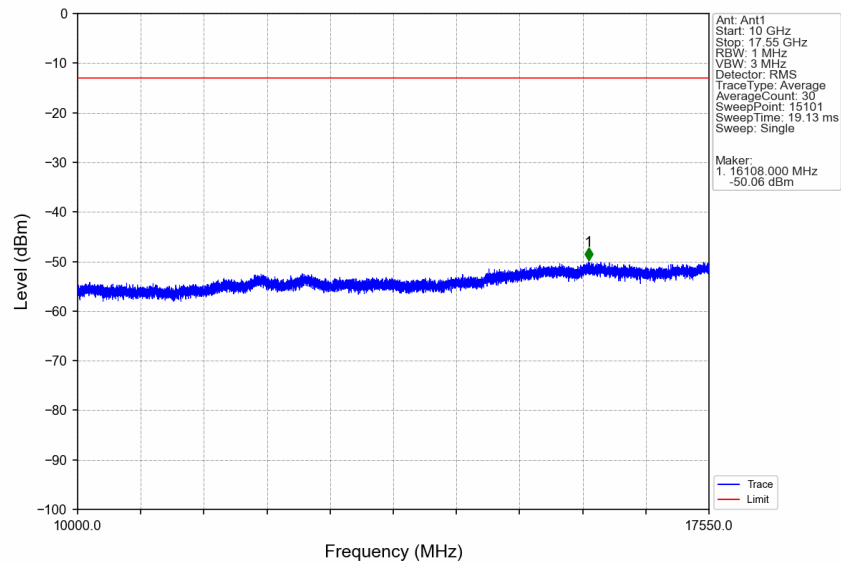


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-22.63	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-32.11	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

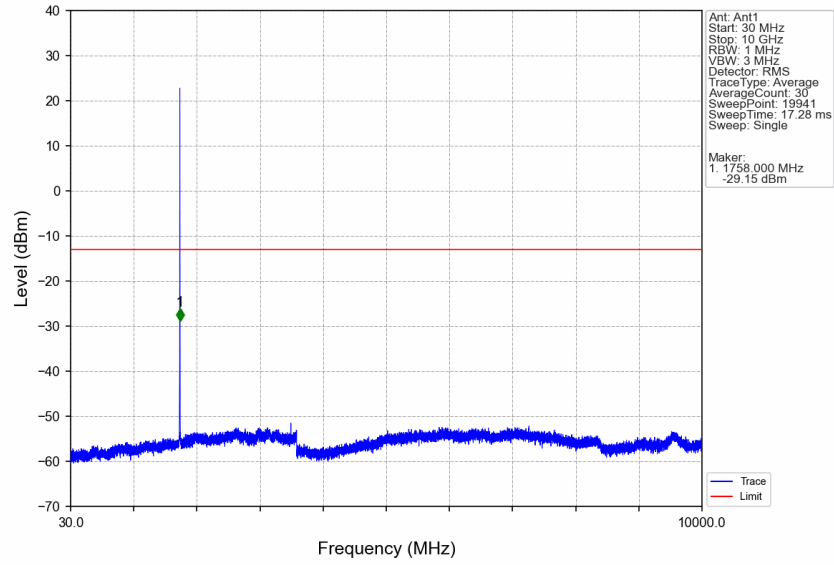
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



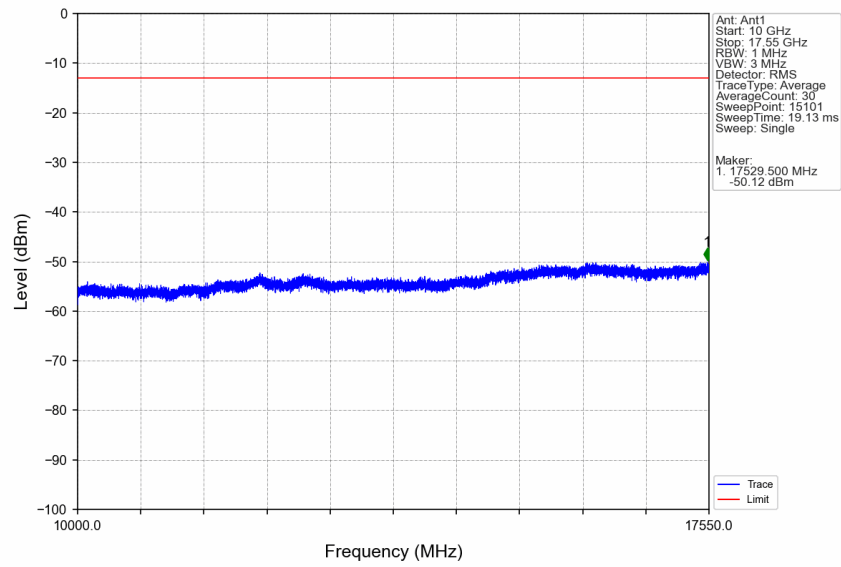
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



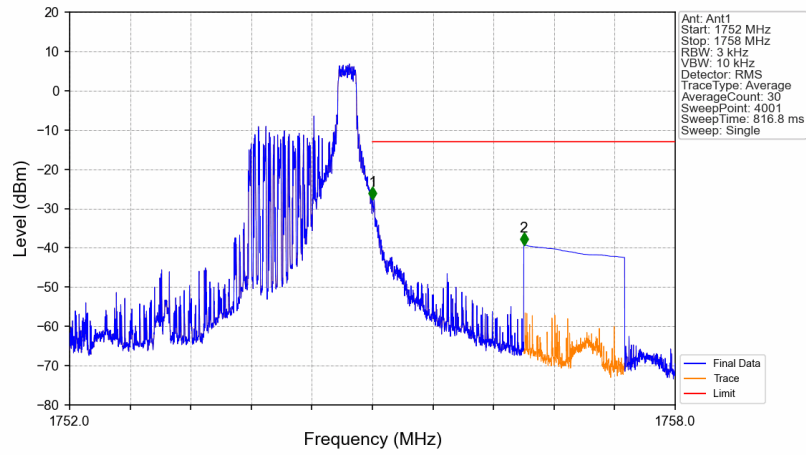
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

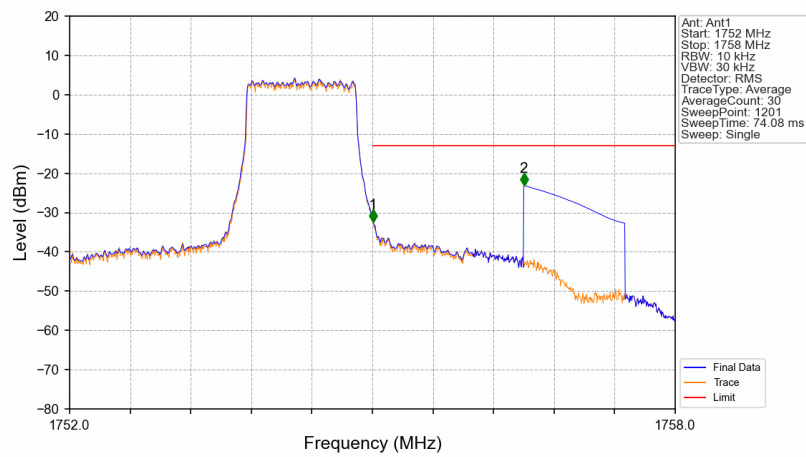


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTV



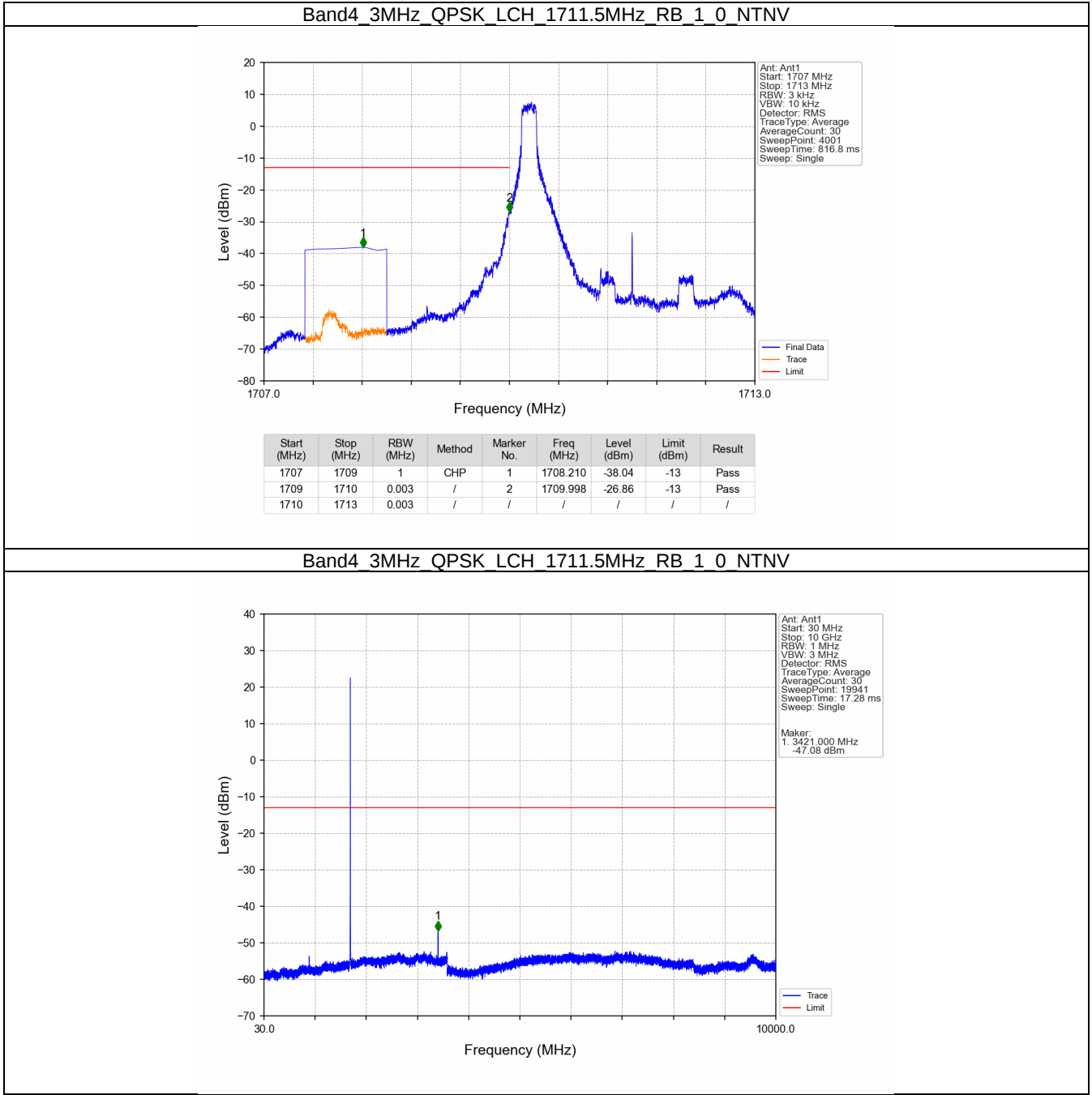
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-27.62	-13	Pass
1756	1758	1	CHP	2	1756.500	-39.33	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTV

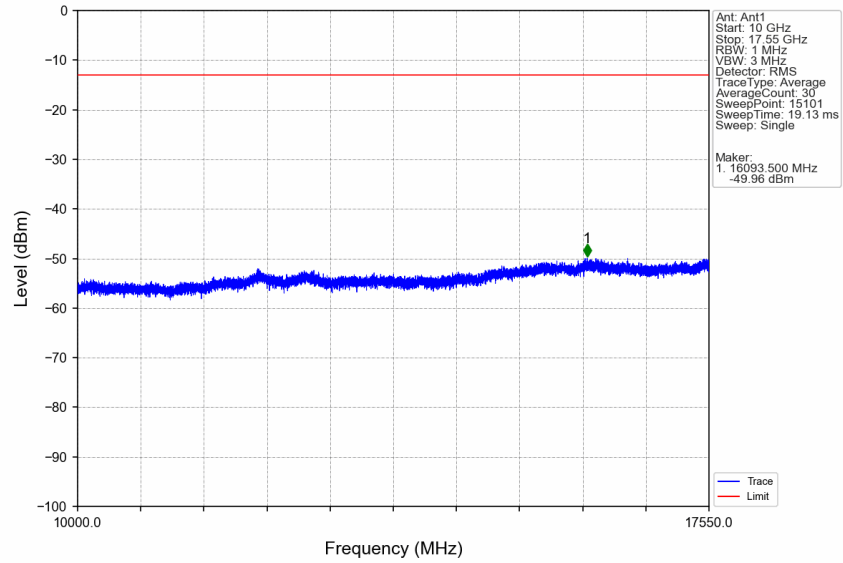


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-32.35	-13	Pass
1756	1758	1	CHP	2	1756.500	-23.12	-13	Pass

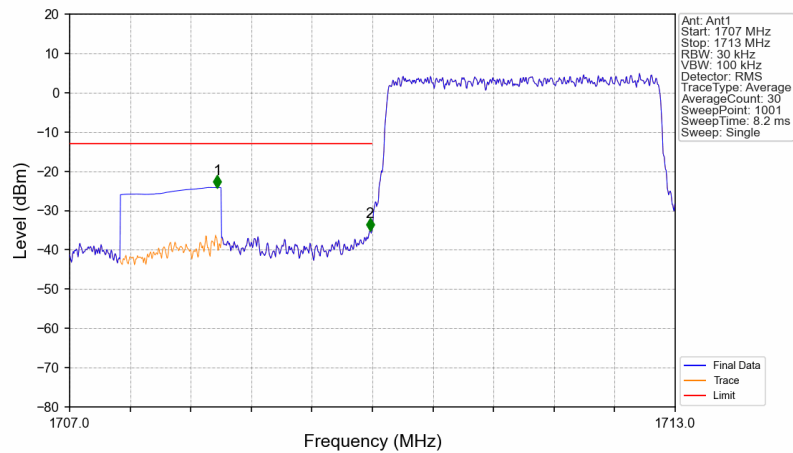
5.2.2 B4_3MHz



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

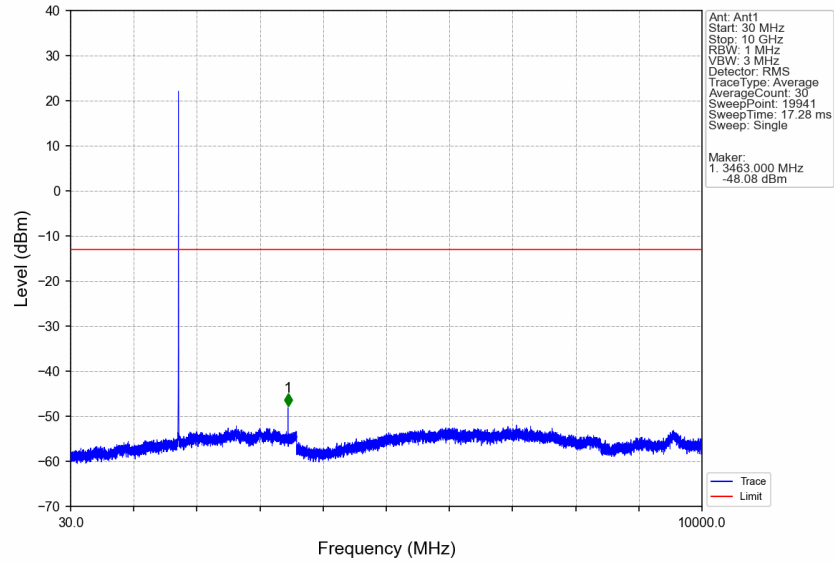


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

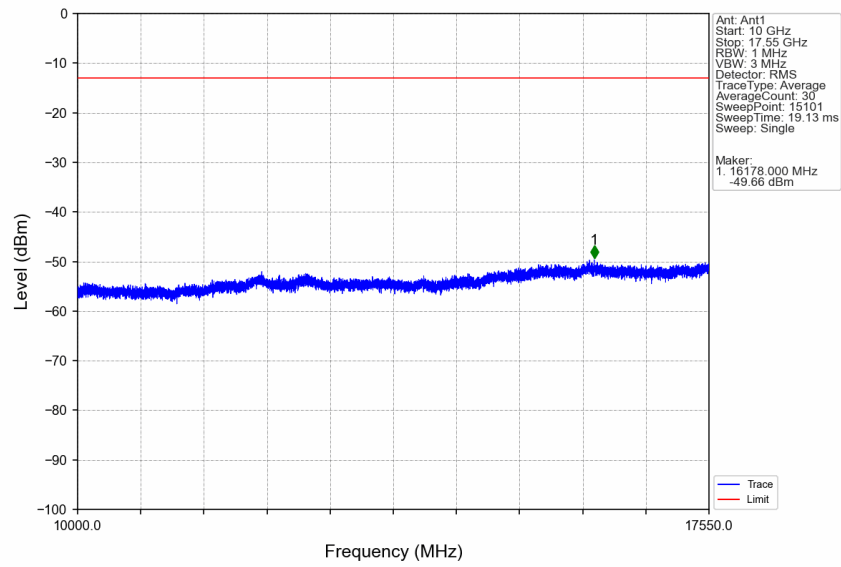


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.464	-24.14	-13	Pass
1709	1710	0.03	/	2	1709.976	-35.05	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

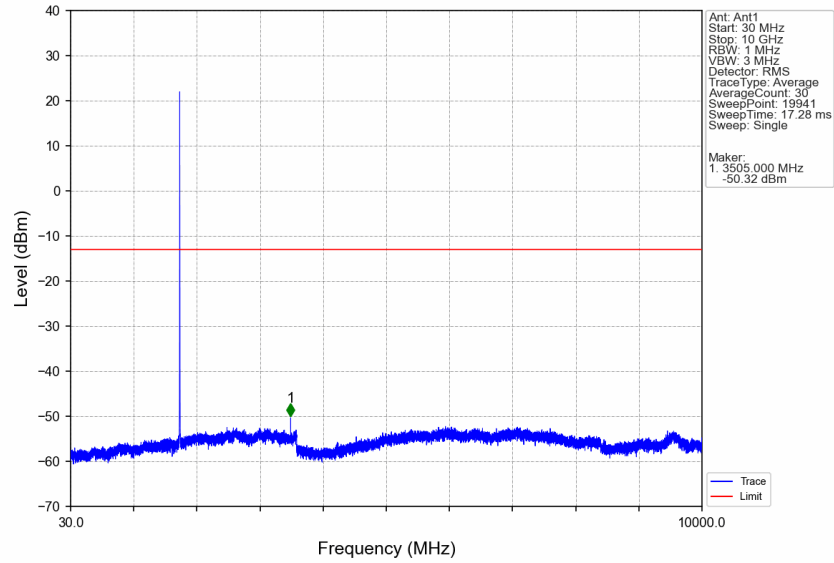
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



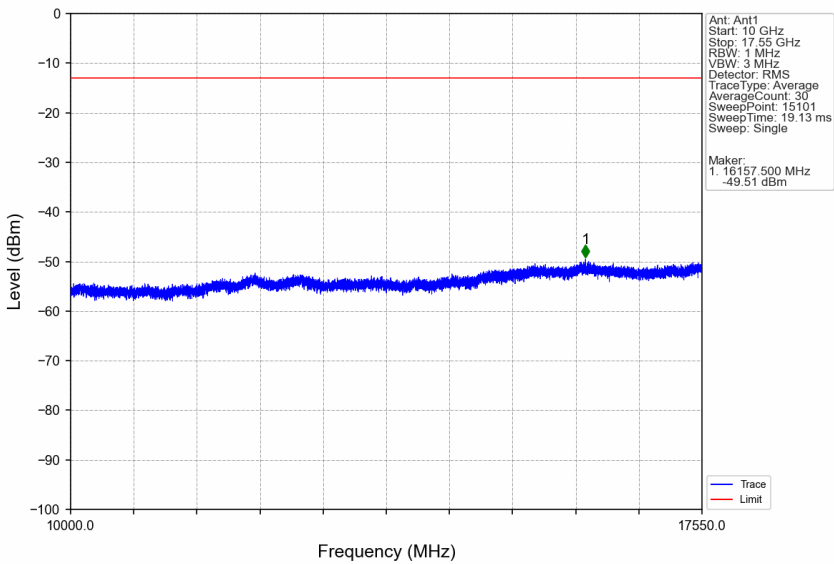
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



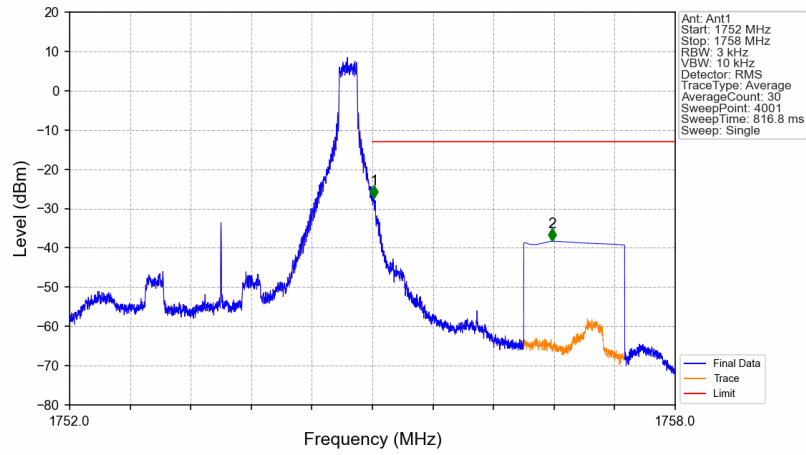
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

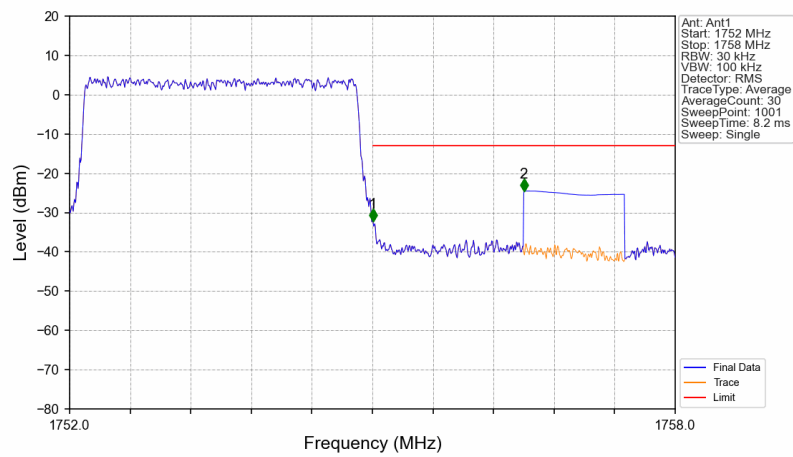


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



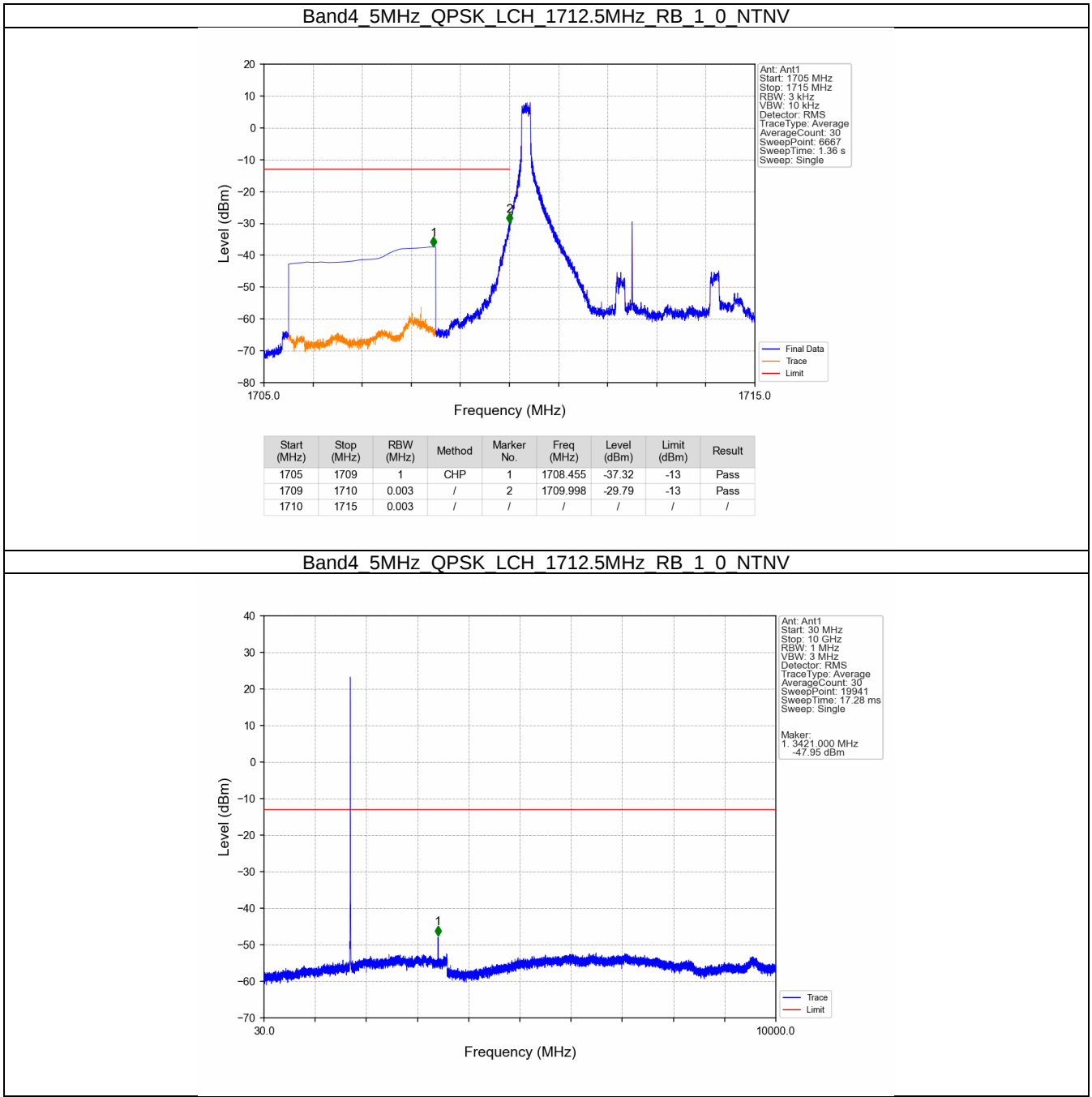
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.015	-27.31	-13	Pass
1756	1758	1	CHP	2	1756.782	-38.31	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

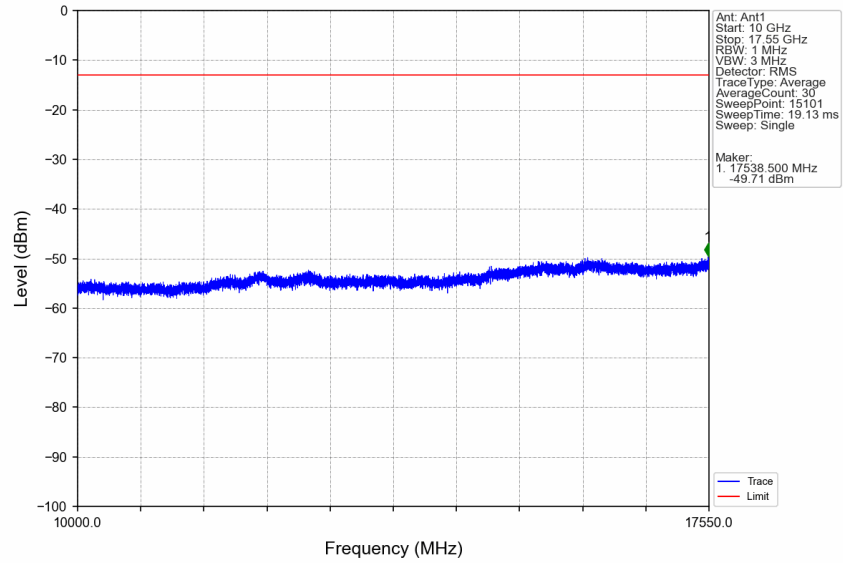


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.006	-32.17	-13	Pass
1756	1758	1	CHP	2	1756.500	-24.51	-13	Pass

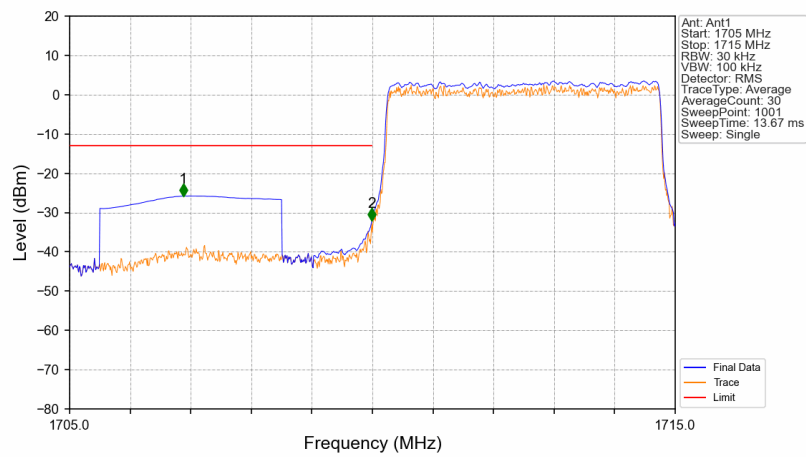
5.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

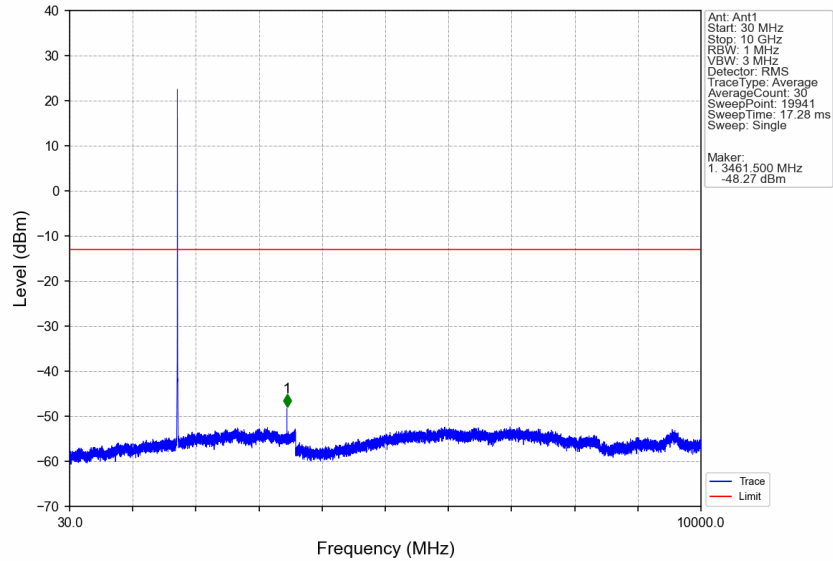


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

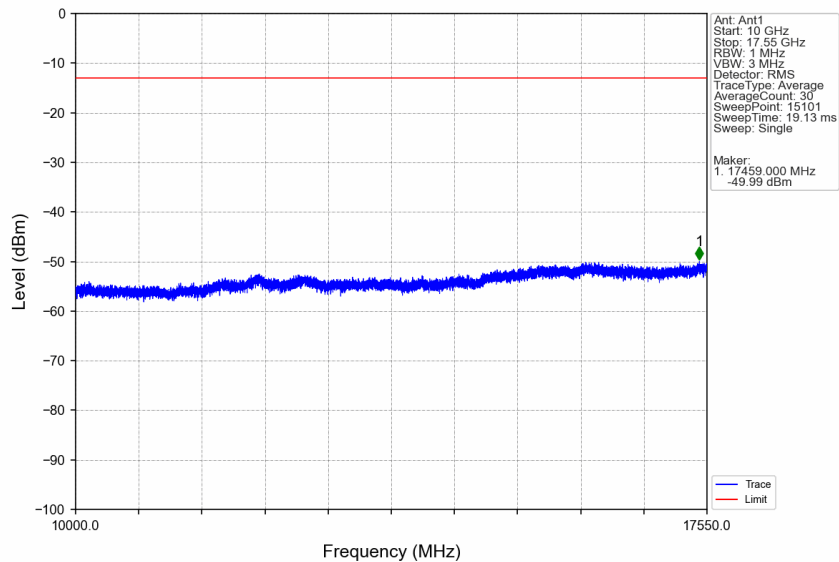


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1706.880	-25.79	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-32.03	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

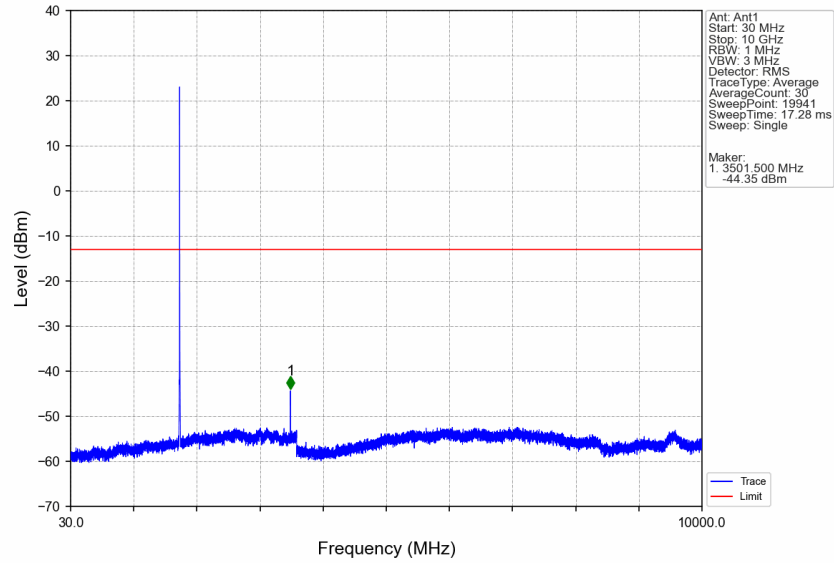
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



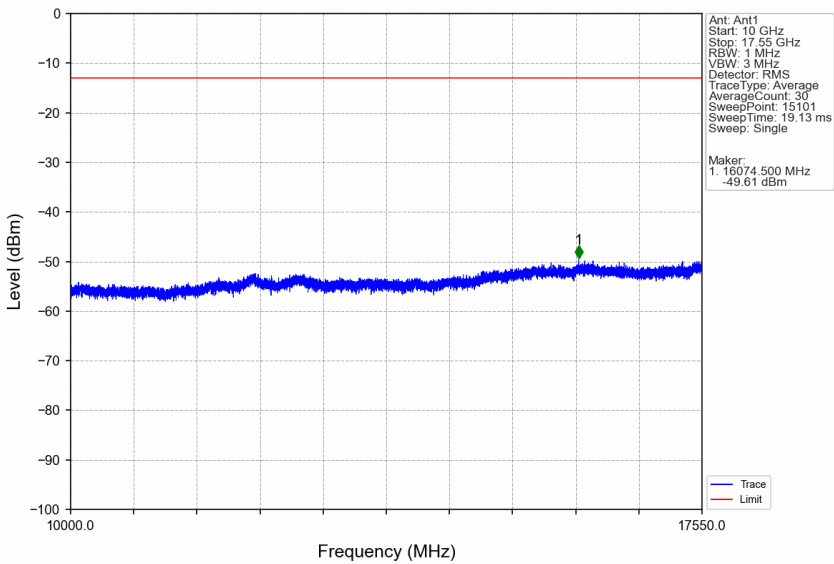
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



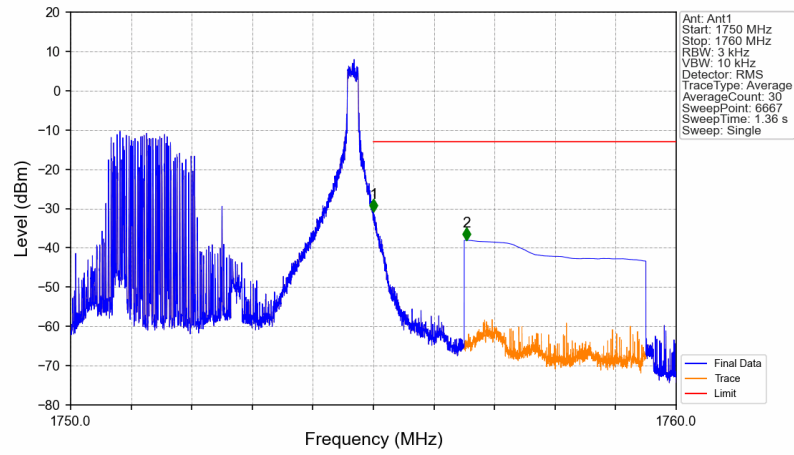
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

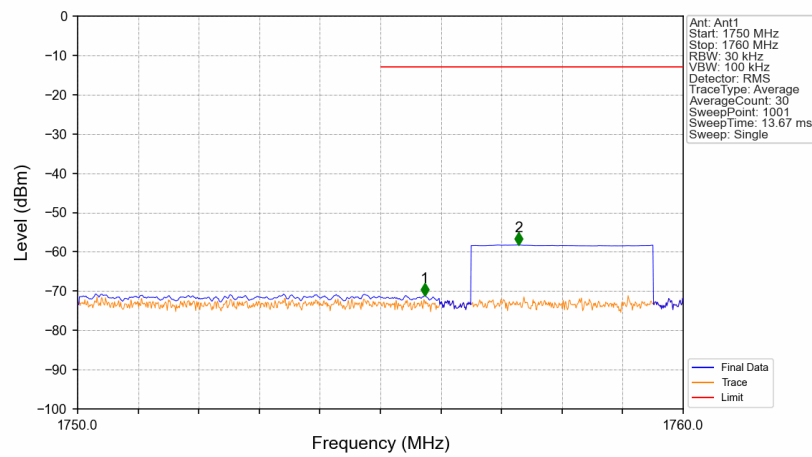


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



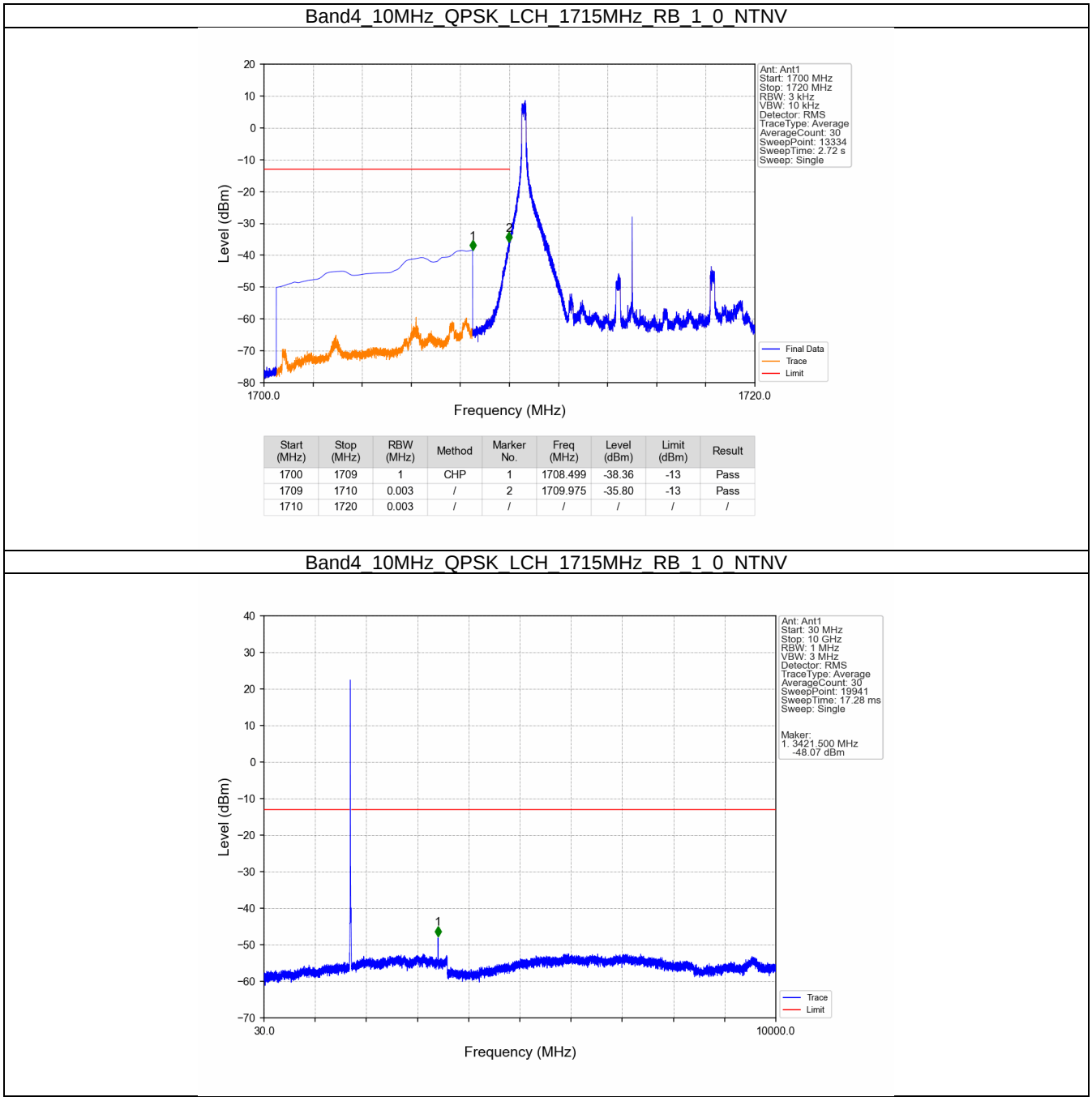
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-30.75	-13	Pass
1756	1760	1	CHP	2	1756.539	-38.06	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV

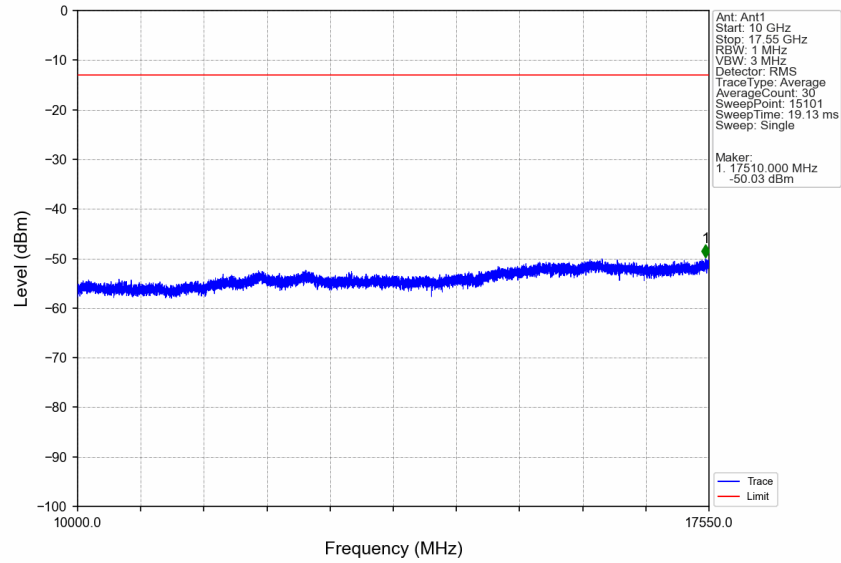


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.05	CHP	/	/	/	/	/
1755	1756	0.05	CHP	1	1755.730	-71.12	-13	Pass
1756	1760	1	CHP	2	1757.280	-58.25	-13	Pass

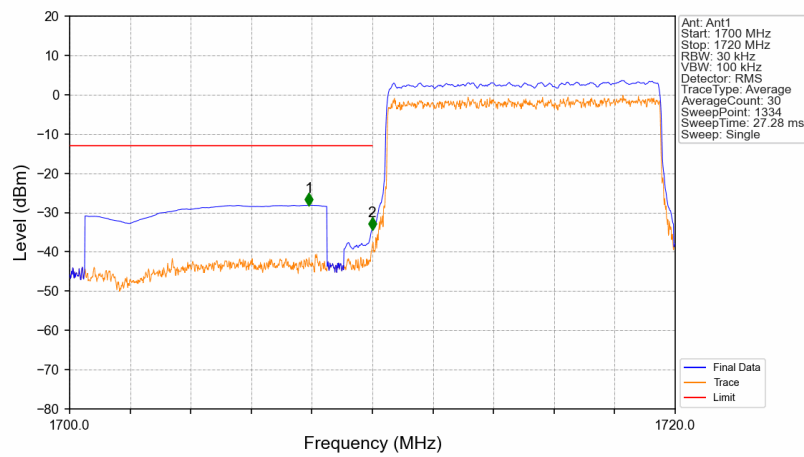
5.2.4 B4_10MHz



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

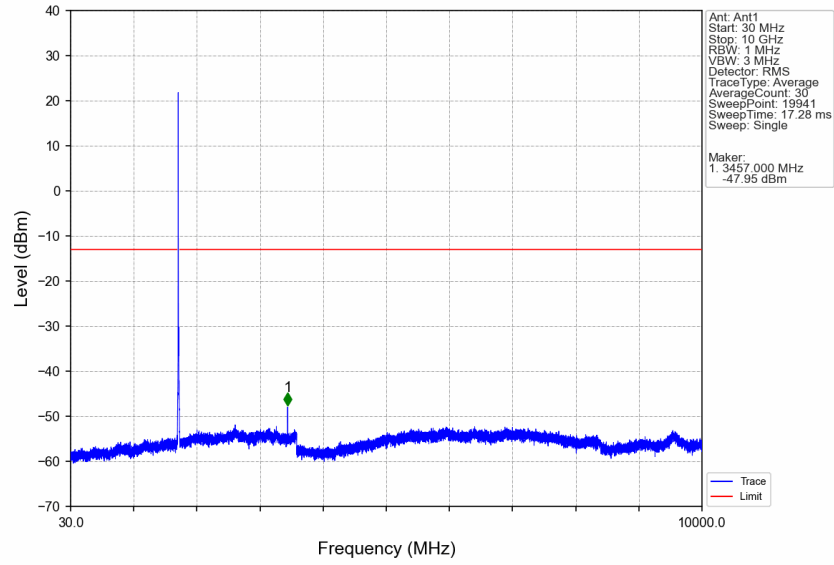


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

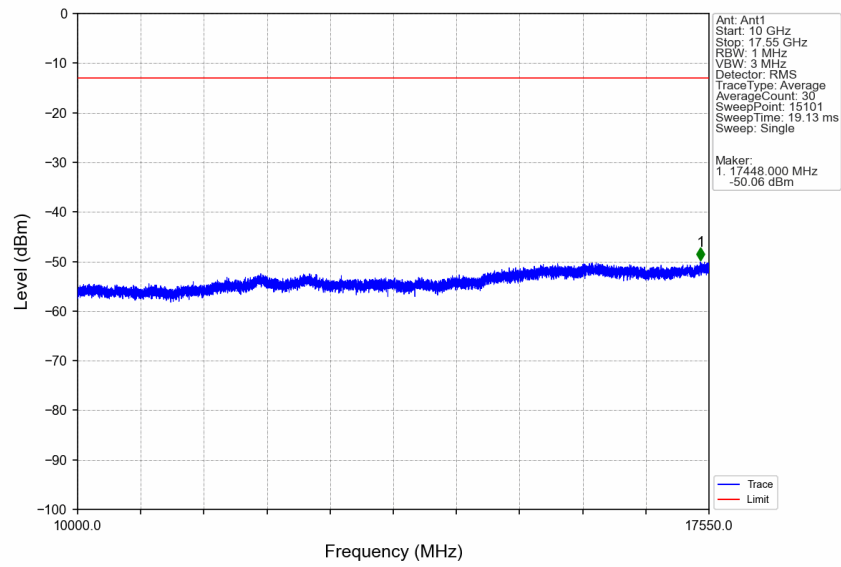


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1707.907	-28.15	-13	Pass
1709	1710	0.099	CHP	2	1709.992	-34.43	-13	Pass
1710	1720	0.099	CHP	/	/	/	/	/

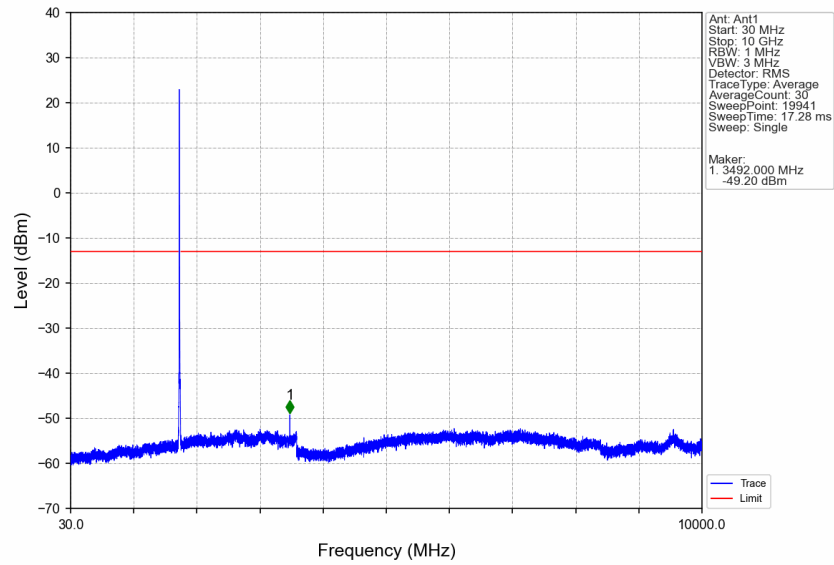
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



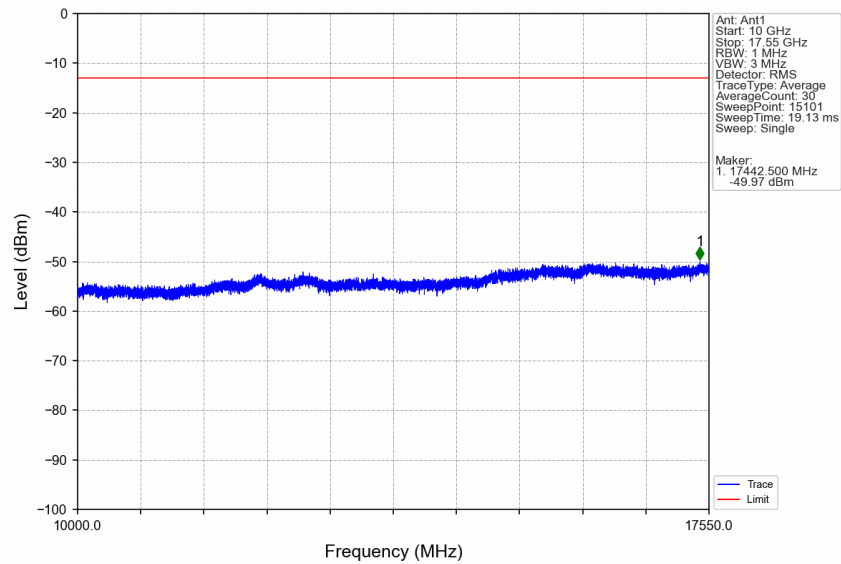
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



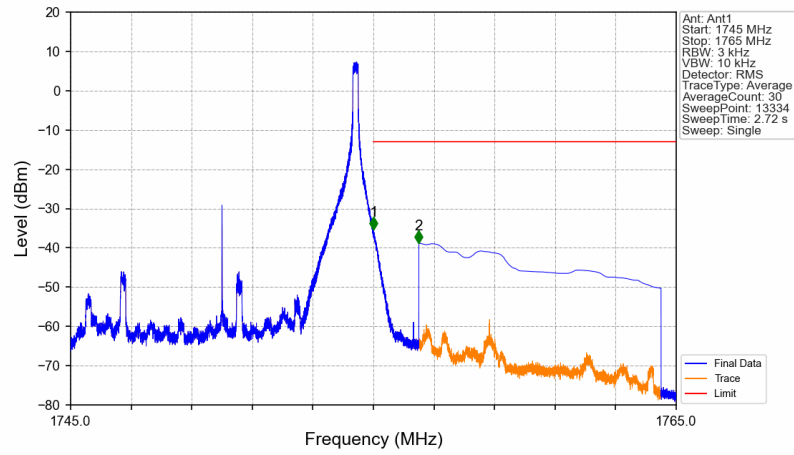
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

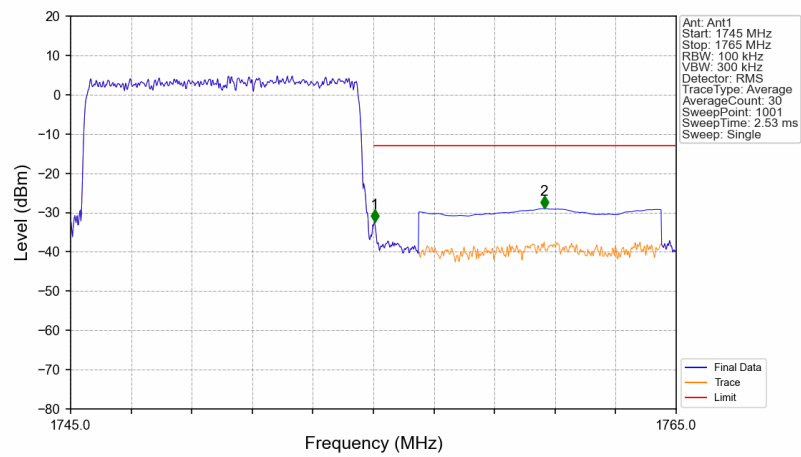


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



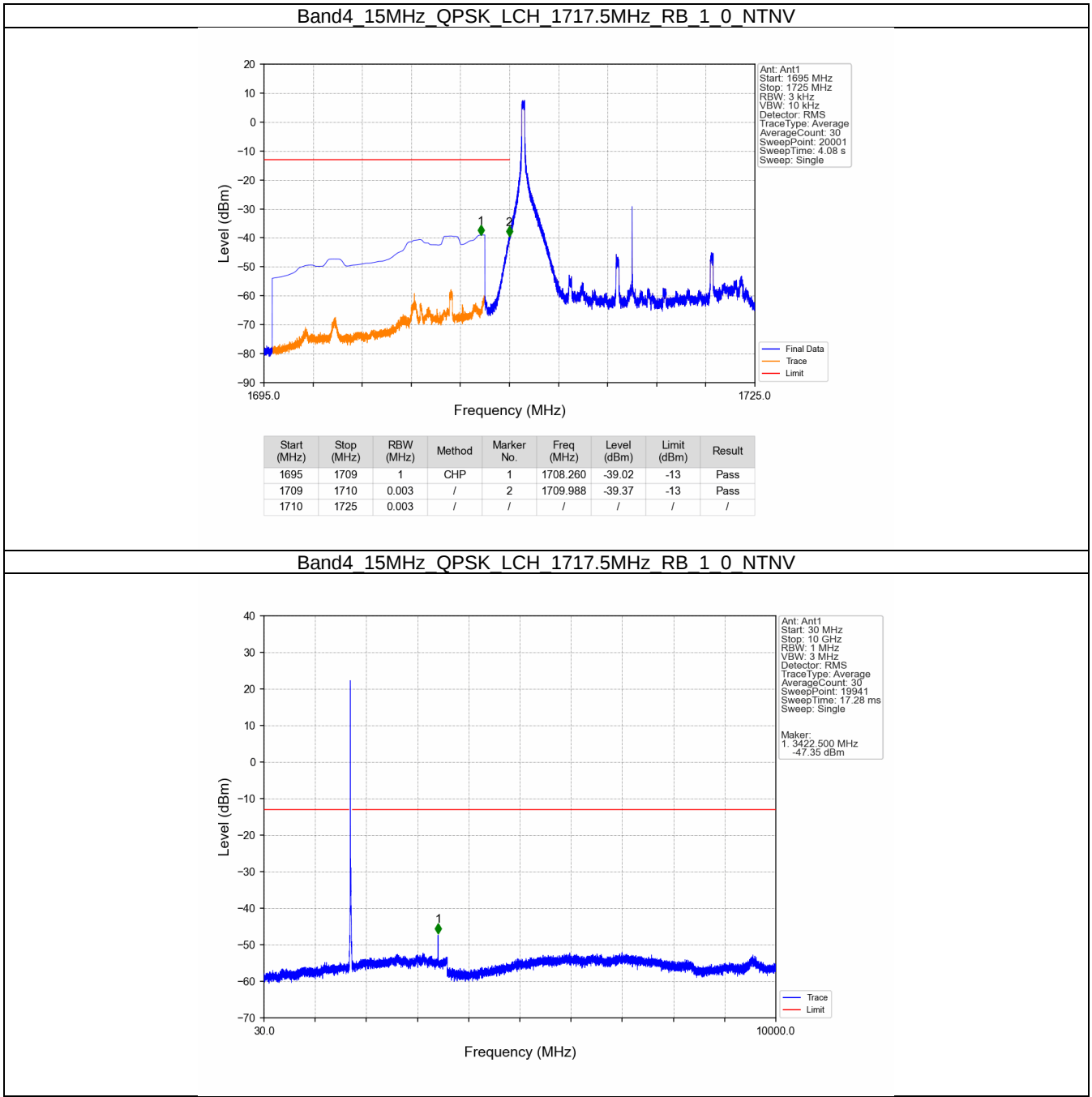
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.004	-35.31	-13	Pass
1756	1765	1	CHP	2	1756.501	-38.80	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

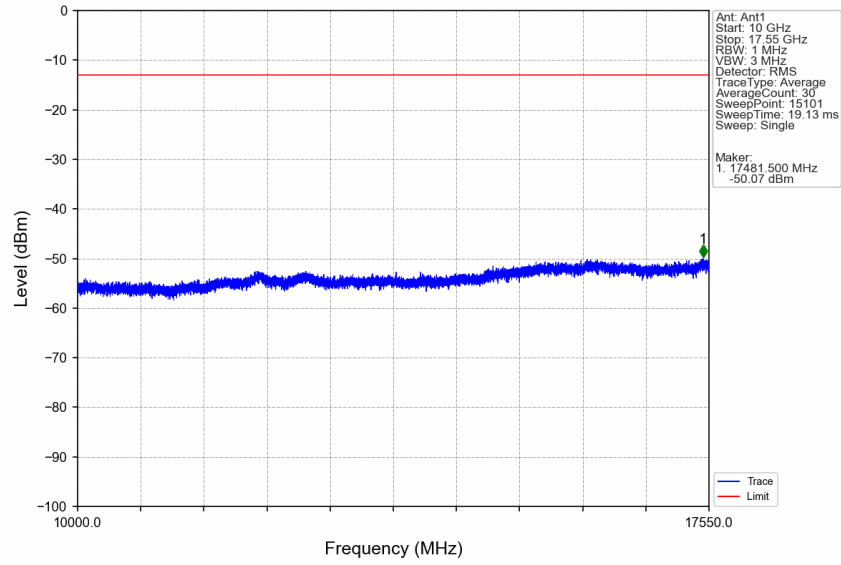


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.040	-32.32	-13	Pass
1756	1765	1	CHP	2	1760.640	-28.97	-13	Pass

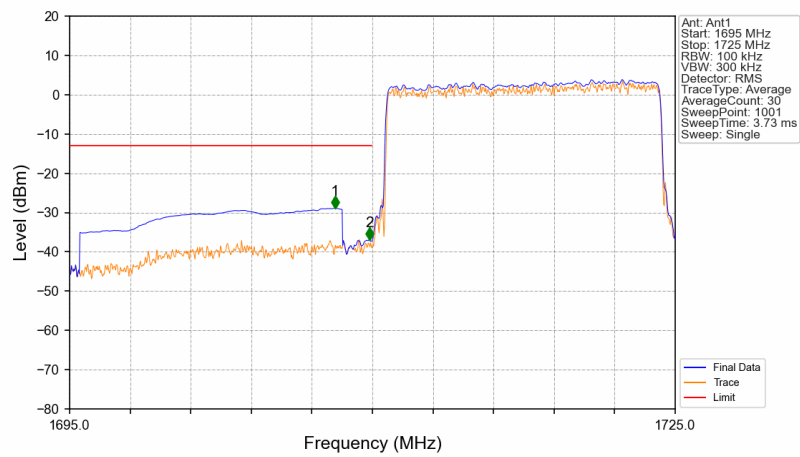
5.2.5 B4_15MHz



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

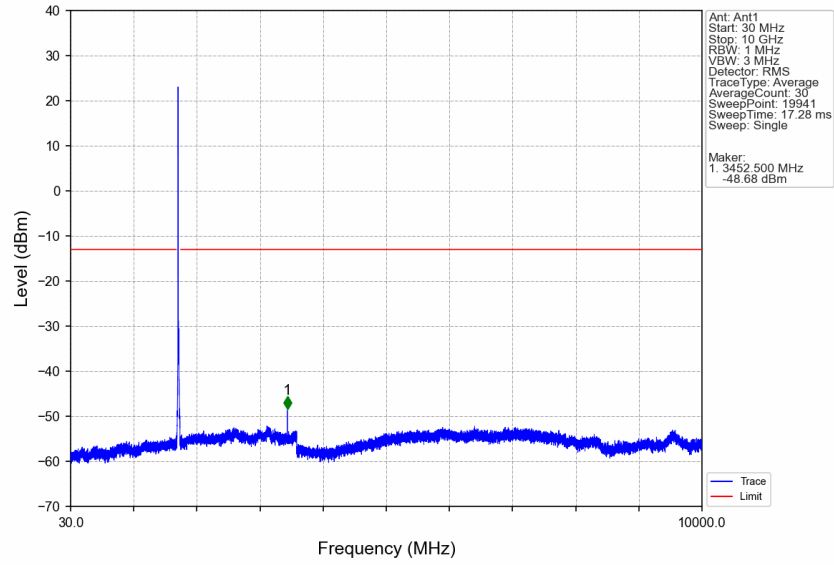


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

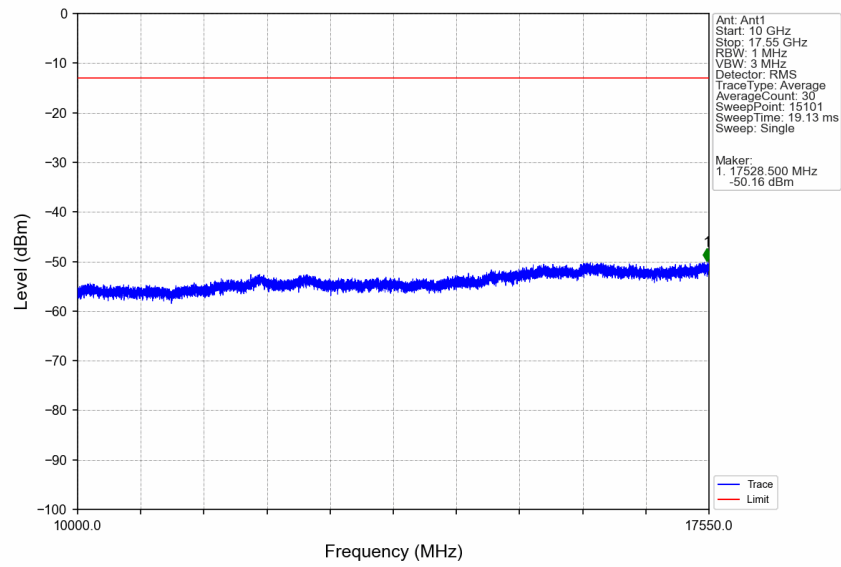


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.140	-28.89	-13	Pass
1709	1710	0.149	CHP	2	1709.850	-36.98	-13	Pass
1710	1725	0.149	CHP	/	/	/	/	/

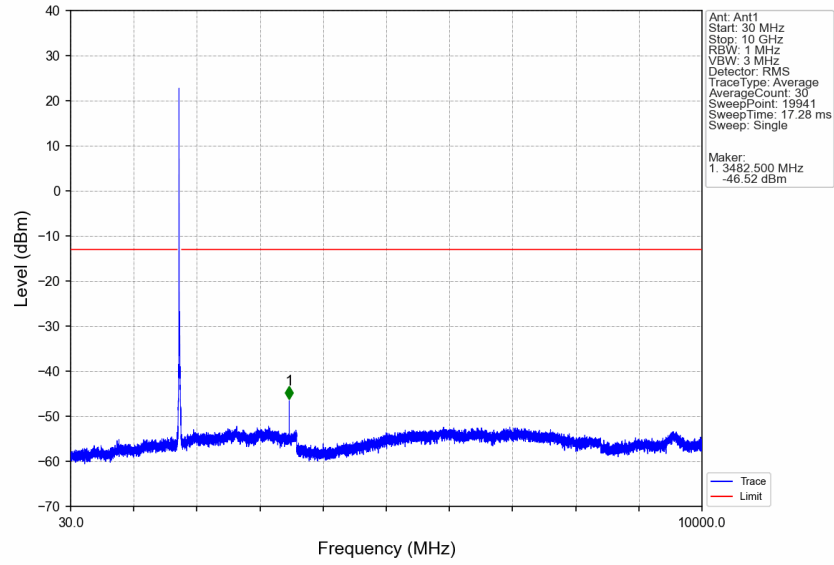
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



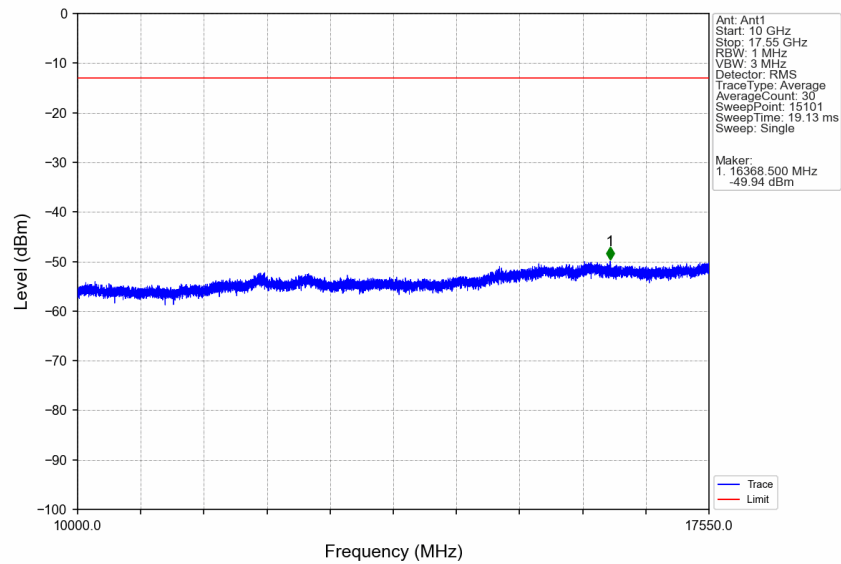
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



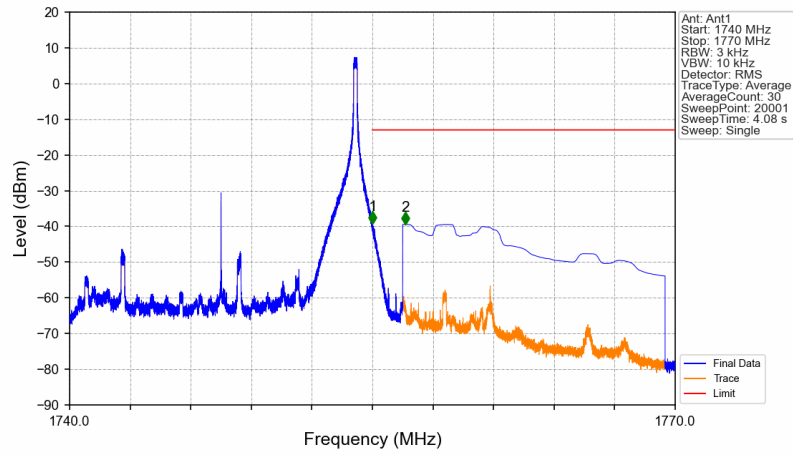
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

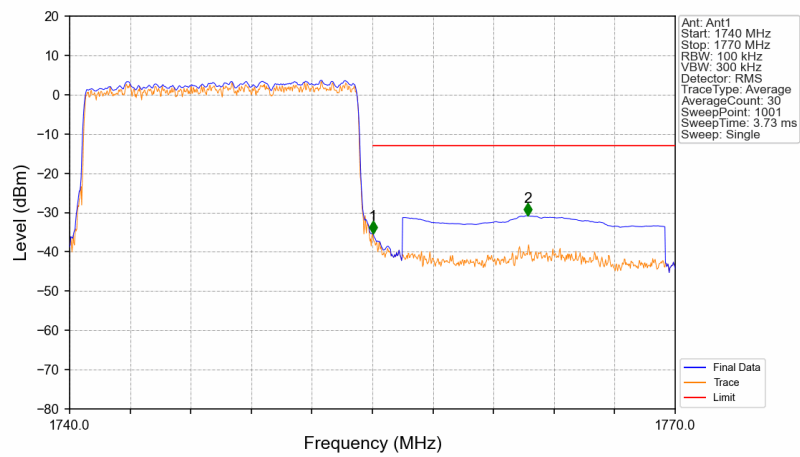


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



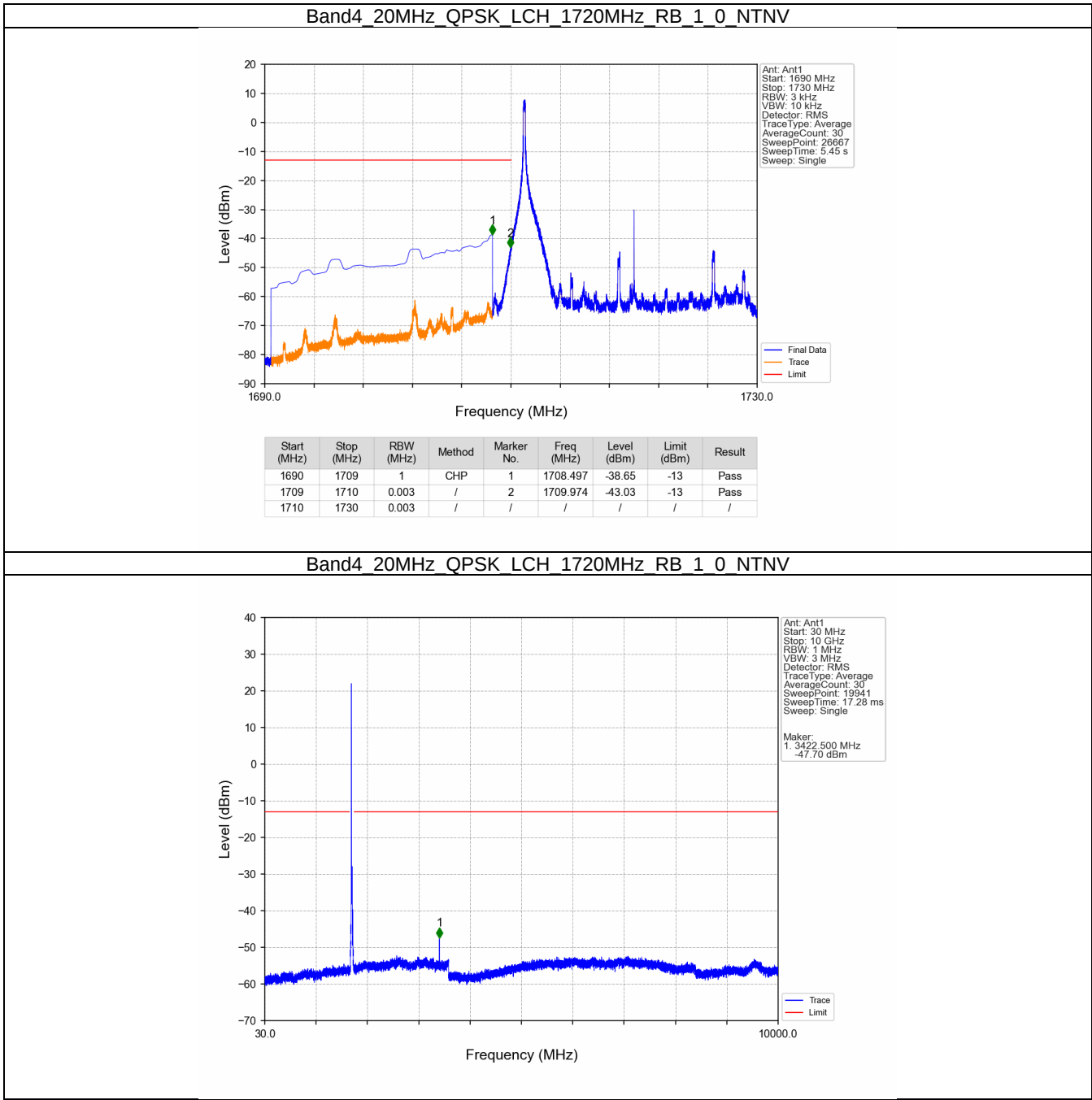
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-39.18	-13	Pass
1756	1770	1	CHP	2	1756.639	-39.42	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

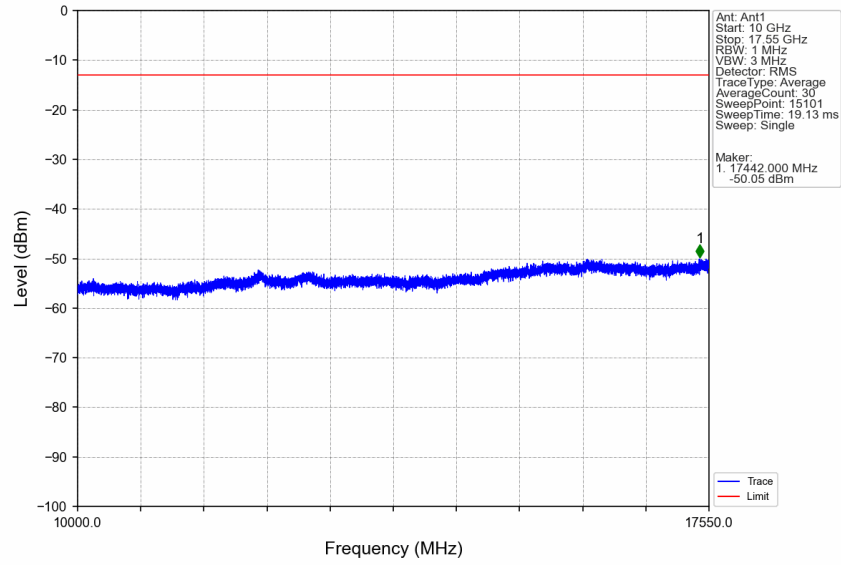


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.149	CHP	/	/	/	/	/
1755	1756	0.149	CHP	1	1755.030	-35.38	-13	Pass
1756	1770	1	CHP	2	1762.710	-30.81	-13	Pass

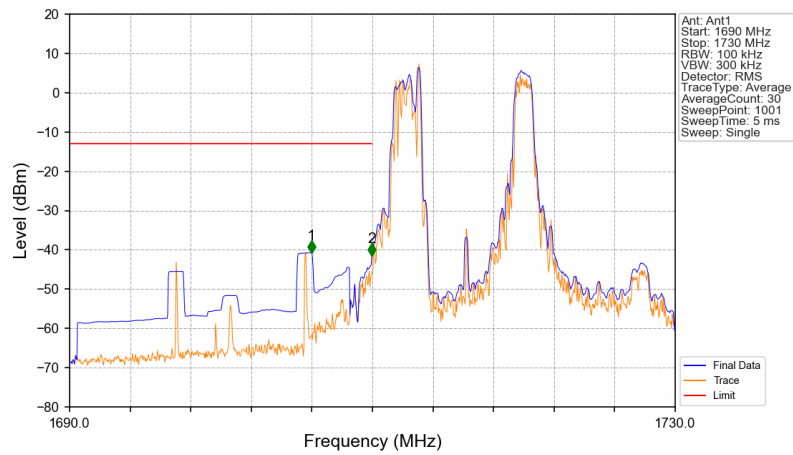
5.2.6 B4_20MHz



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

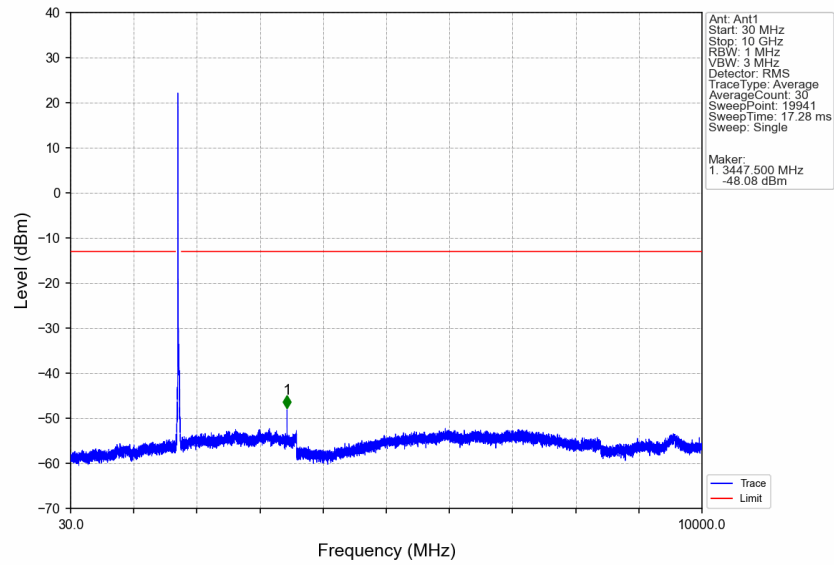


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

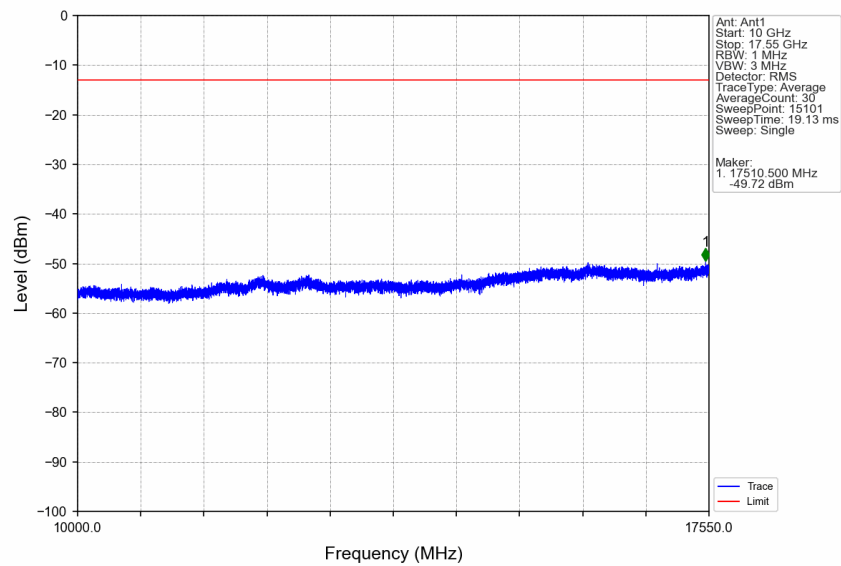


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1705.960	-40.73	-13	Pass
1709	1710	0.198	CHP	2	1709.960	-41.44	-13	Pass
1710	1730	0.198	CHP	/	/	/	/	/

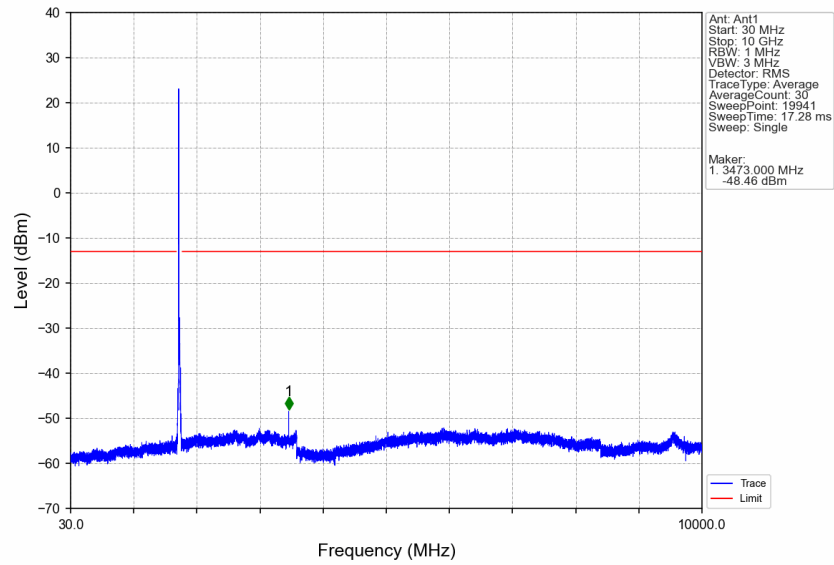
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



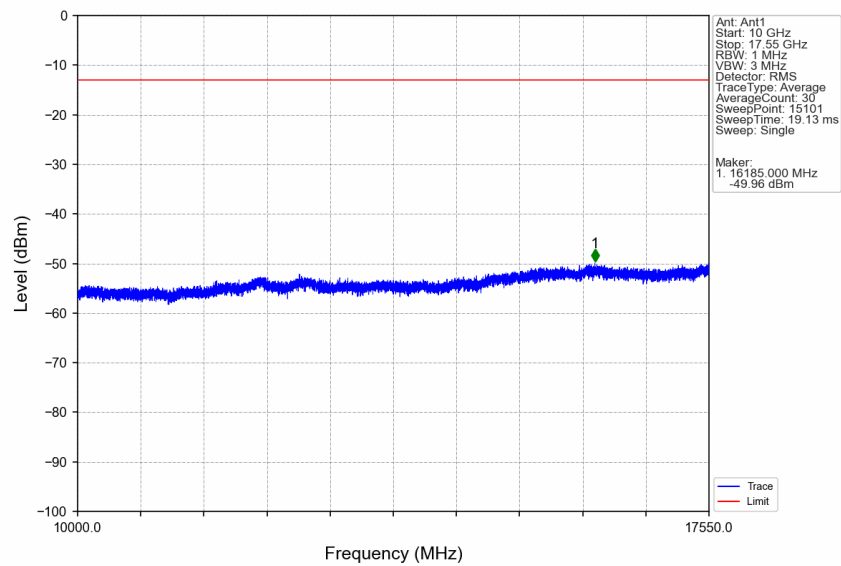
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



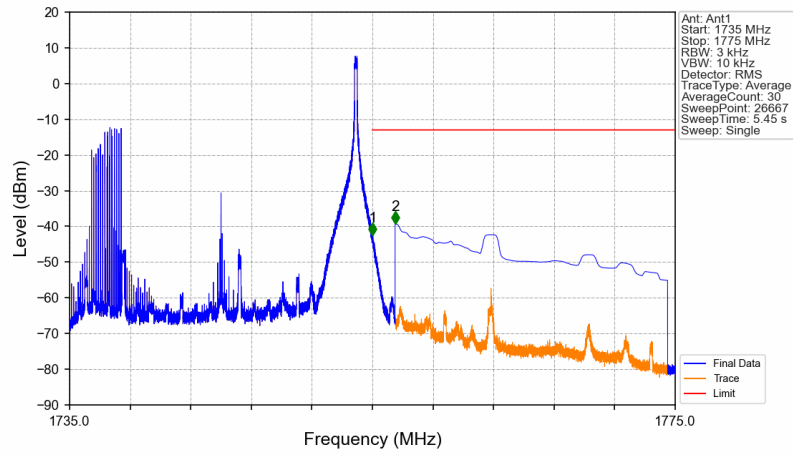
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

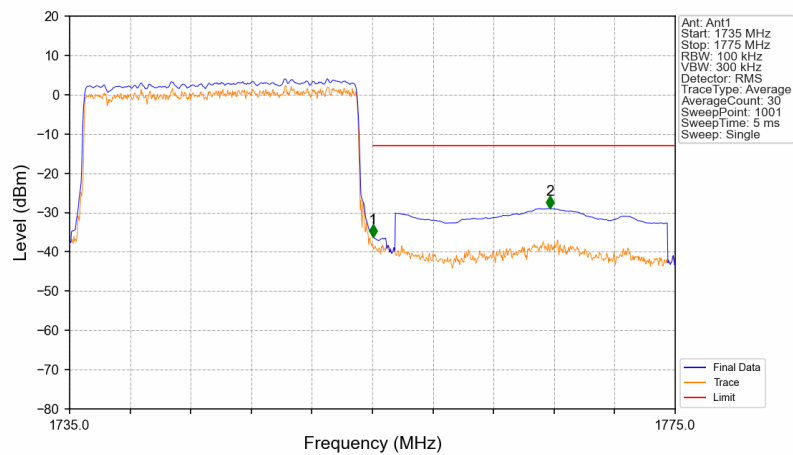


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.006	-42.44	-13	Pass
1756	1775	1	CHP	2	1756.500	-39.31	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.198	CHP	/	/	/	/	/
1755	1756	0.198	CHP	1	1755.040	-36.23	-13	Pass
1756	1775	1	CHP	2	1766.720	-28.87	-13	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band4_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.25	57.65	-46.28	28.52	-55.36	-13.00	42.36	Horizontal
2	5133.75	50.78	-45.34	31.64	-58.18	-13.00	45.18	Horizontal
3	7575.75	38.95	-42.98	36.51	-62.78	-13.00	49.78	Horizontal
4	9561	36.76	-39.89	37.62	-60.77	-13.00	47.77	Horizontal
5	12046.5	34.13	-37.50	39.11	-59.51	-13.00	46.51	Horizontal
6	13932	31.79	-35.54	40.70	-58.30	-13.00	45.30	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.25	58.94	-46.28	28.52	-54.07	-13.00	41.07	Vertical
2	5133	50.89	-45.34	31.64	-58.07	-13.00	45.07	Vertical
3	7795.5	38.76	-42.35	36.81	-62.03	-13.00	49.03	Vertical
4	8912.25	37.51	-41.21	36.55	-62.41	-13.00	49.41	Vertical
5	11229	33.12	-37.40	38.71	-60.82	-13.00	47.82	Vertical
6	13577.25	33.11	-36.29	40.21	-58.24	-13.00	45.24	Vertical

Test Band = LTE Band4_ TM1

Test Channel = Mid

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447	55.84	-46.27	28.55	-57.14	-13.00	44.14	Horizontal
2	5170.5	50.74	-45.31	31.71	-58.12	-13.00	45.12	Horizontal
3	7377.75	39.41	-43.49	36.06	-63.28	-13.00	50.28	Horizontal
4	8379.75	37.87	-41.56	36.87	-62.08	-13.00	49.08	Horizontal
5	10150.5	35.52	-39.31	38.52	-60.54	-13.00	47.54	Horizontal
6	12769.5	33.36	-36.78	39.33	-59.35	-13.00	46.35	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3447	47.53	-46.27	28.55	-65.45	-13.00	52.45	Vertical
2	5236.5	44.72	-45.21	31.83	-63.92	-13.00	50.92	Vertical
3	6973.5	40.56	-43.70	34.95	-63.44	-13.00	50.44	Vertical
4	8006.25	39.64	-42.29	37.10	-60.81	-13.00	47.81	Vertical
5	10134.75	35.76	-39.25	38.51	-60.24	-13.00	47.24	Vertical
6	12107.25	33.63	-37.35	39.13	-59.85	-13.00	46.85	Vertical

Test Band = LTE Band4_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.5	58.92	-46.27	28.57	-54.03	-13.00	41.03	Horizontal
2	5208	50.40	-45.26	31.77	-58.35	-13.00	45.35	Horizontal
3	7378.5	39.27	-43.48	36.06	-63.41	-13.00	50.41	Horizontal
4	9558	37.43	-39.91	37.62	-60.12	-13.00	47.12	Horizontal
5	11383.5	33.44	-37.38	38.79	-60.41	-13.00	47.41	Horizontal
6	12907.5	34.91	-37.13	39.37	-58.10	-13.00	45.10	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3471.75	58.40	-46.27	28.57	-54.55	-13.00	41.55	Vertical
2	5208	53.21	-45.26	31.77	-55.54	-13.00	42.54	Vertical
3	6970.5	40.49	-43.71	34.95	-63.54	-13.00	50.54	Vertical
4	8020.5	39.15	-42.15	37.09	-61.17	-13.00	48.17	Vertical
5	9579	37.32	-39.79	37.66	-60.07	-13.00	47.07	Vertical
6	11897.25	33.02	-37.10	39.05	-60.29	-13.00	47.29	Vertical