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	23.24	-1.00	22.24	<=30	Pass
			2	23.21	-1.00	22.21	<=30	Pass
			5	23.18	-1.00	22.18	<=30	Pass
		3	0	23.22	-1.00	22.22	<=30	Pass
			2	23.22	-1.00	22.22	<=30	Pass
			3	23.25	-1.00	22.25	<=30	Pass
		6	0	22.20	-1.00	21.20	<=30	Pass
	1732.5	1	0	23.17	-1.00	22.17	<=30	Pass
			2	23.10	-1.00	22.10	<=30	Pass
			5	23.07	-1.00	22.07	<=30	Pass
		3	0	23.07	-1.00	22.07	<=30	Pass
			2	23.05	-1.00	22.05	<=30	Pass
			3	23.11	-1.00	22.11	<=30	Pass
		6	0	22.03	-1.00	21.03	<=30	Pass
	1754.3	1	0	22.81	-1.00	21.81	<=30	Pass
			2	22.84	-1.00	21.84	<=30	Pass
			5	22.90	-1.00	21.90	<=30	Pass
		3	0	22.89	-1.00	21.89	<=30	Pass
			2	22.81	-1.00	21.81	<=30	Pass
			3	22.82	-1.00	21.82	<=30	Pass
		6	0	21.89	-1.00	20.89	<=30	Pass
16QAM	1710.7	1	0	22.32	-1.00	21.32	<=30	Pass
			2	22.30	-1.00	21.30	<=30	Pass
			5	22.46	-1.00	21.46	<=30	Pass
		3	0	22.07	-1.00	21.07	<=30	Pass
			2	22.15	-1.00	21.15	<=30	Pass
			3	22.08	-1.00	21.08	<=30	Pass
		6	0	21.15	-1.00	20.15	<=30	Pass
	1732.5	1	0	22.32	-1.00	21.32	<=30	Pass
			2	22.45	-1.00	21.45	<=30	Pass
			5	22.44	-1.00	21.44	<=30	Pass
		3	0	21.94	-1.00	20.94	<=30	Pass
			2	21.91	-1.00	20.91	<=30	Pass
			3	22.02	-1.00	21.02	<=30	Pass
		6	0	21.05	-1.00	20.05	<=30	Pass
	1754.3	1	0	22.09	-1.00	21.09	<=30	Pass
			2	22.10	-1.00	21.10	<=30	Pass
			5	22.05	-1.00	21.05	<=30	Pass
		3	0	22.03	-1.00	21.03	<=30	Pass
			2	21.71	-1.00	20.71	<=30	Pass
			3	21.81	-1.00	20.81	<=30	Pass
		6	0	20.92	-1.00	19.92	<=30	Pass
64QAM	1710.7	1	0	21.42	-1.00	20.42	<=30	Pass
			2	21.44	-1.00	20.44	<=30	Pass
			5	21.40	-1.00	20.40	<=30	Pass
		3	0	21.23	-1.00	20.23	<=30	Pass
			2	21.15	-1.00	20.15	<=30	Pass
			3	21.16	-1.00	20.16	<=30	Pass
		6	0	20.13	-1.00	19.13	<=30	Pass

	1732.5	1	0	21.29	-1.00	20.29	<=30	Pass
			2	21.31	-1.00	20.31	<=30	Pass
			5	20.64	-1.00	19.64	<=30	Pass
		3	0	21.10	-1.00	20.10	<=30	Pass
			2	21.15	-1.00	20.15	<=30	Pass
			3	21.18	-1.00	20.18	<=30	Pass
		6	0	20.02	-1.00	19.02	<=30	Pass
	1754.3	1	0	20.98	-1.00	19.98	<=30	Pass
			2	20.98	-1.00	19.98	<=30	Pass
			5	20.99	-1.00	19.99	<=30	Pass
		3	0	20.96	-1.00	19.96	<=30	Pass
			2	20.94	-1.00	19.94	<=30	Pass
			3	20.95	-1.00	19.95	<=30	Pass
		6	0	19.91	-1.00	18.91	<=30	Pass
256QAM	1710.7	1	0	18.35	-1.00	17.35	<=30	Pass
			2	18.26	-1.00	17.26	<=30	Pass
			5	18.31	-1.00	17.31	<=30	Pass
		3	0	18.27	-1.00	17.27	<=30	Pass
			2	18.30	-1.00	17.30	<=30	Pass
			3	18.36	-1.00	17.36	<=30	Pass
		6	0	18.22	-1.00	17.22	<=30	Pass
	1732.5	1	0	18.19	-1.00	17.19	<=30	Pass
			2	18.08	-1.00	17.08	<=30	Pass
			5	18.13	-1.00	17.13	<=30	Pass
		3	0	18.18	-1.00	17.18	<=30	Pass
			2	18.17	-1.00	17.17	<=30	Pass
			3	18.14	-1.00	17.14	<=30	Pass
		6	0	18.07	-1.00	17.07	<=30	Pass
	1754.3	1	0	17.93	-1.00	16.93	<=30	Pass
			2	17.98	-1.00	16.98	<=30	Pass
			5	17.97	-1.00	16.97	<=30	Pass
		3	0	17.99	-1.00	16.99	<=30	Pass
			2	17.91	-1.00	16.91	<=30	Pass
			3	17.98	-1.00	16.98	<=30	Pass
		6	0	17.83	-1.00	16.83	<=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	23.13	-1.00	22.13	<=30	Pass
			7	23.23	-1.00	22.23	<=30	Pass
			14	23.19	-1.00	22.19	<=30	Pass
		8	0	22.22	-1.00	21.22	<=30	Pass
			4	22.26	-1.00	21.26	<=30	Pass
			7	22.33	-1.00	21.33	<=30	Pass
		15	0	22.30	-1.00	21.30	<=30	Pass
	1732.5	1	0	23.10	-1.00	22.10	<=30	Pass
			7	23.08	-1.00	22.08	<=30	Pass
			14	23.10	-1.00	22.10	<=30	Pass
		8	0	22.12	-1.00	21.12	<=30	Pass
			4	22.09	-1.00	21.09	<=30	Pass
			7	22.07	-1.00	21.07	<=30	Pass
		15	0	22.05	-1.00	21.05	<=30	Pass
	1753.5	1	0	22.86	-1.00	21.86	<=30	Pass

			7	22.86	-1.00	21.86	<=30	Pass
			14	22.82	-1.00	21.82	<=30	Pass
		8	0	21.94	-1.00	20.94	<=30	Pass
			4	21.87	-1.00	20.87	<=30	Pass
			7	21.87	-1.00	20.87	<=30	Pass
		15	0	21.93	-1.00	20.93	<=30	Pass
16QAM	1711.5	1	0	22.36	-1.00	21.36	<=30	Pass
			7	22.30	-1.00	21.30	<=30	Pass
			14	22.29	-1.00	21.29	<=30	Pass
		8	0	21.32	-1.00	20.32	<=30	Pass
			4	21.30	-1.00	20.30	<=30	Pass
			7	21.36	-1.00	20.36	<=30	Pass
		15	0	21.18	-1.00	20.18	<=30	Pass
	1732.5	1	0	22.36	-1.00	21.36	<=30	Pass
			7	22.41	-1.00	21.41	<=30	Pass
			14	22.28	-1.00	21.28	<=30	Pass
		8	0	21.17	-1.00	20.17	<=30	Pass
			4	21.15	-1.00	20.15	<=30	Pass
			7	21.14	-1.00	20.14	<=30	Pass
		15	0	21.05	-1.00	20.05	<=30	Pass
	1753.5	1	0	22.09	-1.00	21.09	<=30	Pass
			7	22.03	-1.00	21.03	<=30	Pass
			14	22.00	-1.00	21.00	<=30	Pass
		8	0	21.02	-1.00	20.02	<=30	Pass
			4	20.93	-1.00	19.93	<=30	Pass
			7	21.00	-1.00	20.00	<=30	Pass
		15	0	20.90	-1.00	19.90	<=30	Pass
64QAM	1711.5	1	0	21.38	-1.00	20.38	<=30	Pass
			7	21.26	-1.00	20.26	<=30	Pass
			14	21.45	-1.00	20.45	<=30	Pass
		8	0	20.30	-1.00	19.30	<=30	Pass
			4	20.28	-1.00	19.28	<=30	Pass
			7	20.38	-1.00	19.38	<=30	Pass
		15	0	20.20	-1.00	19.20	<=30	Pass
	1732.5	1	0	20.67	-1.00	19.67	<=30	Pass
			7	21.23	-1.00	20.23	<=30	Pass
			14	21.28	-1.00	20.28	<=30	Pass
		8	0	20.13	-1.00	19.13	<=30	Pass
			4	20.18	-1.00	19.18	<=30	Pass
			7	20.15	-1.00	19.15	<=30	Pass
		15	0	20.07	-1.00	19.07	<=30	Pass
	1753.5	1	0	20.93	-1.00	19.93	<=30	Pass
			7	21.06	-1.00	20.06	<=30	Pass
			14	21.01	-1.00	20.01	<=30	Pass
		8	0	19.99	-1.00	18.99	<=30	Pass
			4	19.97	-1.00	18.97	<=30	Pass
			7	19.91	-1.00	18.91	<=30	Pass
		15	0	19.84	-1.00	18.84	<=30	Pass
256QAM	1711.5	1	0	18.11	-1.00	17.11	<=30	Pass
			7	18.36	-1.00	17.36	<=30	Pass
			14	18.31	-1.00	17.31	<=30	Pass
		8	0	18.30	-1.00	17.30	<=30	Pass
			4	18.22	-1.00	17.22	<=30	Pass
			7	18.27	-1.00	17.27	<=30	Pass
		15	0	18.23	-1.00	17.23	<=30	Pass
	1732.5	1	0	18.04	-1.00	17.04	<=30	Pass
			7	17.98	-1.00	16.98	<=30	Pass
			14	17.85	-1.00	16.85	<=30	Pass
		8	0	18.14	-1.00	17.14	<=30	Pass

			4	18.06	-1.00	17.06	<=30	Pass
			7	18.11	-1.00	17.11	<=30	Pass
		15	0	18.04	-1.00	17.04	<=30	Pass
	1753.5	1	0	18.05	-1.00	17.05	<=30	Pass
			7	17.96	-1.00	16.96	<=30	Pass
			14	17.81	-1.00	16.81	<=30	Pass
		8	0	17.95	-1.00	16.95	<=30	Pass
			4	17.87	-1.00	16.87	<=30	Pass
			7	17.94	-1.00	16.94	<=30	Pass
		15	0	17.89	-1.00	16.89	<=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	23.26	-1.00	22.26	<=30	Pass
			13	23.33	-1.00	22.33	<=30	Pass
			24	23.21	-1.00	22.21	<=30	Pass
		12	0	22.22	-1.00	21.22	<=30	Pass
			6	22.33	-1.00	21.33	<=30	Pass
			13	22.38	-1.00	21.38	<=30	Pass
		25	0	22.33	-1.00	21.33	<=30	Pass
	1732.5	1	0	23.14	-1.00	22.14	<=30	Pass
			13	23.14	-1.00	22.14	<=30	Pass
			24	23.15	-1.00	22.15	<=30	Pass
		12	0	22.14	-1.00	21.14	<=30	Pass
			6	22.15	-1.00	21.15	<=30	Pass
			13	22.10	-1.00	21.10	<=30	Pass
		25	0	22.15	-1.00	21.15	<=30	Pass
	1752.5	1	0	23.04	-1.00	22.04	<=30	Pass
			13	22.86	-1.00	21.86	<=30	Pass
			24	22.95	-1.00	21.95	<=30	Pass
		12	0	22.02	-1.00	21.02	<=30	Pass
			6	22.00	-1.00	21.00	<=30	Pass
			13	21.96	-1.00	20.96	<=30	Pass
		25	0	22.03	-1.00	21.03	<=30	Pass
16QAM	1712.5	1	0	22.53	-1.00	21.53	<=30	Pass
			13	22.25	-1.00	21.25	<=30	Pass
			24	22.64	-1.00	21.64	<=30	Pass
		12	0	21.14	-1.00	20.14	<=30	Pass
			6	21.25	-1.00	20.25	<=30	Pass
			13	21.31	-1.00	20.31	<=30	Pass
		25	0	21.23	-1.00	20.23	<=30	Pass
	1732.5	1	0	22.45	-1.00	21.45	<=30	Pass
			13	22.20	-1.00	21.20	<=30	Pass
			24	22.16	-1.00	21.16	<=30	Pass
		12	0	21.15	-1.00	20.15	<=30	Pass
			6	21.19	-1.00	20.19	<=30	Pass
			13	21.14	-1.00	20.14	<=30	Pass
		25	0	21.16	-1.00	20.16	<=30	Pass
	1752.5	1	0	22.17	-1.00	21.17	<=30	Pass
			13	22.08	-1.00	21.08	<=30	Pass
			24	22.13	-1.00	21.13	<=30	Pass
		12	0	21.04	-1.00	20.04	<=30	Pass
			6	21.02	-1.00	20.02	<=30	Pass

			13	21.00	-1.00	20.00	<=30	Pass
		25	0	21.04	-1.00	20.04	<=30	Pass
64QAM	1712.5	1	0	21.40	-1.00	20.40	<=30	Pass
			13	21.23	-1.00	20.23	<=30	Pass
			24	21.58	-1.00	20.58	<=30	Pass
		12	0	20.28	-1.00	19.28	<=30	Pass
			6	20.36	-1.00	19.36	<=30	Pass
			13	20.38	-1.00	19.38	<=30	Pass
		25	0	20.30	-1.00	19.30	<=30	Pass
	1732.5	1	0	21.22	-1.00	20.22	<=30	Pass
			13	21.21	-1.00	20.21	<=30	Pass
			24	21.19	-1.00	20.19	<=30	Pass
		12	0	20.19	-1.00	19.19	<=30	Pass
			6	20.15	-1.00	19.15	<=30	Pass
			13	20.14	-1.00	19.14	<=30	Pass
		25	0	20.11	-1.00	19.11	<=30	Pass
	1752.5	1	0	21.06	-1.00	20.06	<=30	Pass
			13	21.12	-1.00	20.12	<=30	Pass
			24	20.25	-1.00	19.25	<=30	Pass
		12	0	20.06	-1.00	19.06	<=30	Pass
			6	20.04	-1.00	19.04	<=30	Pass
			13	20.01	-1.00	19.01	<=30	Pass
		25	0	20.00	-1.00	19.00	<=30	Pass
256QAM	1712.5	1	0	18.40	-1.00	17.40	<=30	Pass
			13	18.32	-1.00	17.32	<=30	Pass
			24	18.25	-1.00	17.25	<=30	Pass
		12	0	18.26	-1.00	17.26	<=30	Pass
			6	18.25	-1.00	17.25	<=30	Pass
			13	18.35	-1.00	17.35	<=30	Pass
		25	0	18.31	-1.00	17.31	<=30	Pass
	1732.5	1	0	18.34	-1.00	17.34	<=30	Pass
			13	18.16	-1.00	17.16	<=30	Pass
			24	18.23	-1.00	17.23	<=30	Pass
		12	0	18.20	-1.00	17.20	<=30	Pass
			6	18.16	-1.00	17.16	<=30	Pass
			13	18.12	-1.00	17.12	<=30	Pass
		25	0	18.11	-1.00	17.11	<=30	Pass
	1752.5	1	0	18.09	-1.00	17.09	<=30	Pass
			13	17.99	-1.00	16.99	<=30	Pass
			24	18.04	-1.00	17.04	<=30	Pass
		12	0	18.01	-1.00	17.01	<=30	Pass
			6	17.93	-1.00	16.93	<=30	Pass
			13	17.98	-1.00	16.98	<=30	Pass
		25	0	17.98	-1.00	16.98	<=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	23.16	-1.00	22.16	<=30	Pass
			25	23.25	-1.00	22.25	<=30	Pass
			49	23.32	-1.00	22.32	<=30	Pass
		25	0	22.26	-1.00	21.26	<=30	Pass
			13	22.31	-1.00	21.31	<=30	Pass
			25	22.35	-1.00	21.35	<=30	Pass

		50	0	22.28	-1.00	21.28	<=30	Pass
	1732.5	1	0	23.17	-1.00	22.17	<=30	Pass
			25	23.15	-1.00	22.15	<=30	Pass
			49	23.11	-1.00	22.11	<=30	Pass
		25	0	22.14	-1.00	21.14	<=30	Pass
			13	22.12	-1.00	21.12	<=30	Pass
			25	22.14	-1.00	21.14	<=30	Pass
		50	0	22.16	-1.00	21.16	<=30	Pass
	1750	1	0	22.97	-1.00	21.97	<=30	Pass
			25	22.93	-1.00	21.93	<=30	Pass
			49	22.95	-1.00	21.95	<=30	Pass
		25	0	22.00	-1.00	21.00	<=30	Pass
			13	22.02	-1.00	21.02	<=30	Pass
			25	21.97	-1.00	20.97	<=30	Pass
		50	0	21.98	-1.00	20.98	<=30	Pass
16QAM	1715	1	0	22.40	-1.00	21.40	<=30	Pass
			25	22.45	-1.00	21.45	<=30	Pass
			49	22.43	-1.00	21.43	<=30	Pass
		25	0	21.27	-1.00	20.27	<=30	Pass
			13	21.34	-1.00	20.34	<=30	Pass
			25	21.32	-1.00	20.32	<=30	Pass
		50	0	21.23	-1.00	20.23	<=30	Pass
	1732.5	1	0	22.16	-1.00	21.16	<=30	Pass
			25	22.27	-1.00	21.27	<=30	Pass
			49	22.33	-1.00	21.33	<=30	Pass
		25	0	21.15	-1.00	20.15	<=30	Pass
			13	21.09	-1.00	20.09	<=30	Pass
			25	21.13	-1.00	20.13	<=30	Pass
		50	0	21.13	-1.00	20.13	<=30	Pass
	1750	1	0	22.13	-1.00	21.13	<=30	Pass
			25	22.19	-1.00	21.19	<=30	Pass
			49	22.00	-1.00	21.00	<=30	Pass
		25	0	20.96	-1.00	19.96	<=30	Pass
			13	21.01	-1.00	20.01	<=30	Pass
			25	20.95	-1.00	19.95	<=30	Pass
		50	0	20.98	-1.00	19.98	<=30	Pass
64QAM	1715	1	0	21.36	-1.00	20.36	<=30	Pass
			25	21.40	-1.00	20.40	<=30	Pass
			49	21.40	-1.00	20.40	<=30	Pass
		25	0	20.27	-1.00	19.27	<=30	Pass
			13	20.28	-1.00	19.28	<=30	Pass
			25	20.35	-1.00	19.35	<=30	Pass
		50	0	20.30	-1.00	19.30	<=30	Pass
	1732.5	1	0	21.06	-1.00	20.06	<=30	Pass
			25	21.27	-1.00	20.27	<=30	Pass
			49	21.11	-1.00	20.11	<=30	Pass
		25	0	20.13	-1.00	19.13	<=30	Pass
			13	20.14	-1.00	19.14	<=30	Pass
			25	20.11	-1.00	19.11	<=30	Pass
		50	0	20.16	-1.00	19.16	<=30	Pass
	1750	1	0	21.05	-1.00	20.05	<=30	Pass
			25	20.96	-1.00	19.96	<=30	Pass
			49	20.98	-1.00	19.98	<=30	Pass
		25	0	19.99	-1.00	18.99	<=30	Pass
			13	20.01	-1.00	19.01	<=30	Pass
			25	19.99	-1.00	18.99	<=30	Pass
		50	0	19.97	-1.00	18.97	<=30	Pass
256QAM	1715	1	0	18.33	-1.00	17.33	<=30	Pass
			25	18.32	-1.00	17.32	<=30	Pass

			49	18.45	-1.00	17.45	<=30	Pass
		25	0	18.24	-1.00	17.24	<=30	Pass
			13	18.33	-1.00	17.33	<=30	Pass
			25	18.32	-1.00	17.32	<=30	Pass
		50	0	18.34	-1.00	17.34	<=30	Pass
	1732.5	1	0	18.17	-1.00	17.17	<=30	Pass
			25	18.23	-1.00	17.23	<=30	Pass
			49	18.17	-1.00	17.17	<=30	Pass
		25	0	18.16	-1.00	17.16	<=30	Pass
			13	18.10	-1.00	17.10	<=30	Pass
			25	18.08	-1.00	17.08	<=30	Pass
		50	0	18.16	-1.00	17.16	<=30	Pass
	1750	1	0	18.02	-1.00	17.02	<=30	Pass
			25	18.09	-1.00	17.09	<=30	Pass
			49	17.92	-1.00	16.92	<=30	Pass
		25	0	17.94	-1.00	16.94	<=30	Pass
			13	18.00	-1.00	17.00	<=30	Pass
			25	17.98	-1.00	16.98	<=30	Pass
		50	0	17.94	-1.00	16.94	<=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	23.23	-1.00	22.23	<=30	Pass
			38	23.35	-1.00	22.35	<=30	Pass
			74	23.26	-1.00	22.26	<=30	Pass
		36	0	22.30	-1.00	21.30	<=30	Pass
			18	22.31	-1.00	21.31	<=30	Pass
			39	22.27	-1.00	21.27	<=30	Pass
		75	0	22.31	-1.00	21.31	<=30	Pass
	1732.5	1	0	23.15	-1.00	22.15	<=30	Pass
			38	23.14	-1.00	22.14	<=30	Pass
			74	23.18	-1.00	22.18	<=30	Pass
		36	0	22.19	-1.00	21.19	<=30	Pass
			18	22.15	-1.00	21.15	<=30	Pass
			39	22.11	-1.00	21.11	<=30	Pass
		75	0	22.18	-1.00	21.18	<=30	Pass
	1747.5	1	0	23.05	-1.00	22.05	<=30	Pass
			38	23.02	-1.00	22.02	<=30	Pass
			74	22.99	-1.00	21.99	<=30	Pass
		36	0	21.99	-1.00	20.99	<=30	Pass
			18	22.01	-1.00	21.01	<=30	Pass
			39	22.04	-1.00	21.04	<=30	Pass
		75	0	22.02	-1.00	21.02	<=30	Pass
16QAM	1717.5	1	0	22.50	-1.00	21.50	<=30	Pass
			38	22.59	-1.00	21.59	<=30	Pass
			74	22.40	-1.00	21.40	<=30	Pass
		36	0	21.29	-1.00	20.29	<=30	Pass
			18	21.35	-1.00	20.35	<=30	Pass
			39	21.33	-1.00	20.33	<=30	Pass
		75	0	21.34	-1.00	20.34	<=30	Pass
	1732.5	1	0	22.29	-1.00	21.29	<=30	Pass
			38	22.49	-1.00	21.49	<=30	Pass
			74	22.27	-1.00	21.27	<=30	Pass

		36	0	21.20	-1.00	20.20	<=30	Pass
			18	21.17	-1.00	20.17	<=30	Pass
			39	21.16	-1.00	20.16	<=30	Pass
		75	0	21.17	-1.00	20.17	<=30	Pass
	1747.5	1	0	22.24	-1.00	21.24	<=30	Pass
			38	22.30	-1.00	21.30	<=30	Pass
			74	22.10	-1.00	21.10	<=30	Pass
		36	0	21.03	-1.00	20.03	<=30	Pass
			18	21.00	-1.00	20.00	<=30	Pass
			39	21.01	-1.00	20.01	<=30	Pass
		75	0	21.04	-1.00	20.04	<=30	Pass
64QAM	1717.5	1	0	21.33	-1.00	20.33	<=30	Pass
			38	21.07	-1.00	20.07	<=30	Pass
			74	21.37	-1.00	20.37	<=30	Pass
		36	0	20.31	-1.00	19.31	<=30	Pass
			18	20.34	-1.00	19.34	<=30	Pass
			39	20.29	-1.00	19.29	<=30	Pass
		75	0	20.30	-1.00	19.30	<=30	Pass
	1732.5	1	0	21.25	-1.00	20.25	<=30	Pass
			38	20.99	-1.00	19.99	<=30	Pass
			74	21.29	-1.00	20.29	<=30	Pass
		36	0	20.26	-1.00	19.26	<=30	Pass
			18	20.14	-1.00	19.14	<=30	Pass
			39	20.15	-1.00	19.15	<=30	Pass
		75	0	20.18	-1.00	19.18	<=30	Pass
	1747.5	1	0	21.10	-1.00	20.10	<=30	Pass
			38	21.17	-1.00	20.17	<=30	Pass
			74	20.95	-1.00	19.95	<=30	Pass
		36	0	20.04	-1.00	19.04	<=30	Pass
			18	20.07	-1.00	19.07	<=30	Pass
			39	20.06	-1.00	19.06	<=30	Pass
		75	0	20.06	-1.00	19.06	<=30	Pass
256QAM	1717.5	1	0	18.30	-1.00	17.30	<=30	Pass
			38	18.37	-1.00	17.37	<=30	Pass
			74	18.28	-1.00	17.28	<=30	Pass
		36	0	18.29	-1.00	17.29	<=30	Pass
			18	18.30	-1.00	17.30	<=30	Pass
			39	18.25	-1.00	17.25	<=30	Pass
		75	0	18.30	-1.00	17.30	<=30	Pass
	1732.5	1	0	18.16	-1.00	17.16	<=30	Pass
			38	18.25	-1.00	17.25	<=30	Pass
			74	18.25	-1.00	17.25	<=30	Pass
		36	0	18.17	-1.00	17.17	<=30	Pass
			18	18.16	-1.00	17.16	<=30	Pass
			39	18.13	-1.00	17.13	<=30	Pass
		75	0	18.17	-1.00	17.17	<=30	Pass
	1747.5	1	0	18.15	-1.00	17.15	<=30	Pass
			38	18.04	-1.00	17.04	<=30	Pass
			74	18.07	-1.00	17.07	<=30	Pass
		36	0	18.02	-1.00	17.02	<=30	Pass
			18	18.00	-1.00	17.00	<=30	Pass
			39	18.05	-1.00	17.05	<=30	Pass
		75	0	18.02	-1.00	17.02	<=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	23.17	-1.00	22.17	<=30	Pass
			50	23.20	-1.00	22.20	<=30	Pass
			99	23.17	-1.00	22.17	<=30	Pass
		50	0	22.29	-1.00	21.29	<=30	Pass
			25	22.32	-1.00	21.32	<=30	Pass
			50	22.22	-1.00	21.22	<=30	Pass
		100	0	22.28	-1.00	21.28	<=30	Pass
	1732.5	1	0	23.16	-1.00	22.16	<=30	Pass
			50	23.18	-1.00	22.18	<=30	Pass
			99	23.16	-1.00	22.16	<=30	Pass
		50	0	22.26	-1.00	21.26	<=30	Pass
			25	22.23	-1.00	21.23	<=30	Pass
			50	22.23	-1.00	21.23	<=30	Pass
		100	0	22.24	-1.00	21.24	<=30	Pass
	1745	1	0	23.11	-1.00	22.11	<=30	Pass
			50	23.05	-1.00	22.05	<=30	Pass
			99	23.02	-1.00	22.02	<=30	Pass
		50	0	22.03	-1.00	21.03	<=30	Pass
			25	22.12	-1.00	21.12	<=30	Pass
			50	22.12	-1.00	21.12	<=30	Pass
		100	0	22.02	-1.00	21.02	<=30	Pass
16QAM	1720	1	0	22.48	-1.00	21.48	<=30	Pass
			50	22.39	-1.00	21.39	<=30	Pass
			99	22.74	-1.00	21.74	<=30	Pass
		50	0	21.15	-1.00	20.15	<=30	Pass
			25	21.23	-1.00	20.23	<=30	Pass
			50	21.20	-1.00	20.20	<=30	Pass
		100	0	21.23	-1.00	20.23	<=30	Pass
	1732.5	1	0	22.48	-1.00	21.48	<=30	Pass
			50	22.50	-1.00	21.50	<=30	Pass
			99	22.41	-1.00	21.41	<=30	Pass
		50	0	21.14	-1.00	20.14	<=30	Pass
			25	21.15	-1.00	20.15	<=30	Pass
			50	21.13	-1.00	20.13	<=30	Pass
		100	0	21.19	-1.00	20.19	<=30	Pass
	1745	1	0	22.25	-1.00	21.25	<=30	Pass
			50	22.17	-1.00	21.17	<=30	Pass
			99	22.29	-1.00	21.29	<=30	Pass
		50	0	20.99	-1.00	19.99	<=30	Pass
			25	21.12	-1.00	20.12	<=30	Pass
			50	21.12	-1.00	20.12	<=30	Pass
		100	0	21.07	-1.00	20.07	<=30	Pass
64QAM	1720	1	0	21.39	-1.00	20.39	<=30	Pass
			50	21.32	-1.00	20.32	<=30	Pass
			99	21.32	-1.00	20.32	<=30	Pass
		50	0	20.29	-1.00	19.29	<=30	Pass
			25	20.34	-1.00	19.34	<=30	Pass
			50	20.26	-1.00	19.26	<=30	Pass
		100	0	20.27	-1.00	19.27	<=30	Pass
	1732.5	1	0	21.12	-1.00	20.12	<=30	Pass
			50	21.22	-1.00	20.22	<=30	Pass
			99	20.78	-1.00	19.78	<=30	Pass
		50	0	20.09	-1.00	19.09	<=30	Pass
			25	20.20	-1.00	19.20	<=30	Pass
			50	20.17	-1.00	19.17	<=30	Pass
		100	0	20.15	-1.00	19.15	<=30	Pass

	1745	1	0	21.25	-1.00	20.25	<=30	Pass
			50	21.21	-1.00	20.21	<=30	Pass
			99	21.04	-1.00	20.04	<=30	Pass
		50	0	19.97	-1.00	18.97	<=30	Pass
			25	20.09	-1.00	19.09	<=30	Pass
			50	20.12	-1.00	19.12	<=30	Pass
		100	0	20.06	-1.00	19.06	<=30	Pass
256QAM	1720	1	0	18.27	-1.00	17.27	<=30	Pass
			50	18.40	-1.00	17.40	<=30	Pass
			99	18.30	-1.00	17.30	<=30	Pass
		50	0	18.29	-1.00	17.29	<=30	Pass
			25	18.26	-1.00	17.26	<=30	Pass
			50	18.22	-1.00	17.22	<=30	Pass
		100	0	18.28	-1.00	17.28	<=30	Pass
	1732.5	1	0	18.28	-1.00	17.28	<=30	Pass
			50	18.17	-1.00	17.17	<=30	Pass
			99	18.12	-1.00	17.12	<=30	Pass
		50	0	18.21	-1.00	17.21	<=30	Pass
			25	18.16	-1.00	17.16	<=30	Pass
			50	18.16	-1.00	17.16	<=30	Pass
		100	0	18.05	-1.00	17.05	<=30	Pass
	1745	1	0	18.08	-1.00	17.08	<=30	Pass
			50	18.09	-1.00	17.09	<=30	Pass
			99	18.20	-1.00	17.20	<=30	Pass
		50	0	18.00	-1.00	17.00	<=30	Pass
			25	18.06	-1.00	17.06	<=30	Pass
			50	18.09	-1.00	17.09	<=30	Pass
		100	0	18.04	-1.00	17.04	<=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	3.6	5.000	0.0029	-2.5 to 2.5	Pass
					3.88	3.700	0.0021	-2.5 to 2.5	Pass
					4.53	4.400	0.0025	-2.5 to 2.5	Pass
				-30	3.88	7.000	0.0040	-2.5 to 2.5	Pass
				-20	3.88	3.800	0.0022	-2.5 to 2.5	Pass
				-10	3.88	5.100	0.0029	-2.5 to 2.5	Pass
				0	3.88	5.300	0.0031	-2.5 to 2.5	Pass
				10	3.88	4.200	0.0024	-2.5 to 2.5	Pass
				30	3.88	5.800	0.0033	-2.5 to 2.5	Pass
				40	3.88	6.300	0.0036	-2.5 to 2.5	Pass
				50	3.88	6.900	0.0040	-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	1.097	/	Pass
	16QAM	1732.5	6	0	1.098	/	Pass
3	QPSK	1732.5	15	0	2.724	/	Pass
	16QAM	1732.5	15	0	2.726	/	Pass
5	QPSK	1732.5	25	0	4.507	/	Pass
	16QAM	1732.5	25	0	4.503	/	Pass
10	QPSK	1732.5	50	0	8.990	/	Pass
	16QAM	1732.5	50	0	8.995	/	Pass
15	QPSK	1732.5	75	0	13.521	/	Pass
	16QAM	1732.5	75	0	13.446	/	Pass
20	QPSK	1732.5	100	0	18.083	/	Pass
	16QAM	1732.5	100	0	18.031	/	Pass

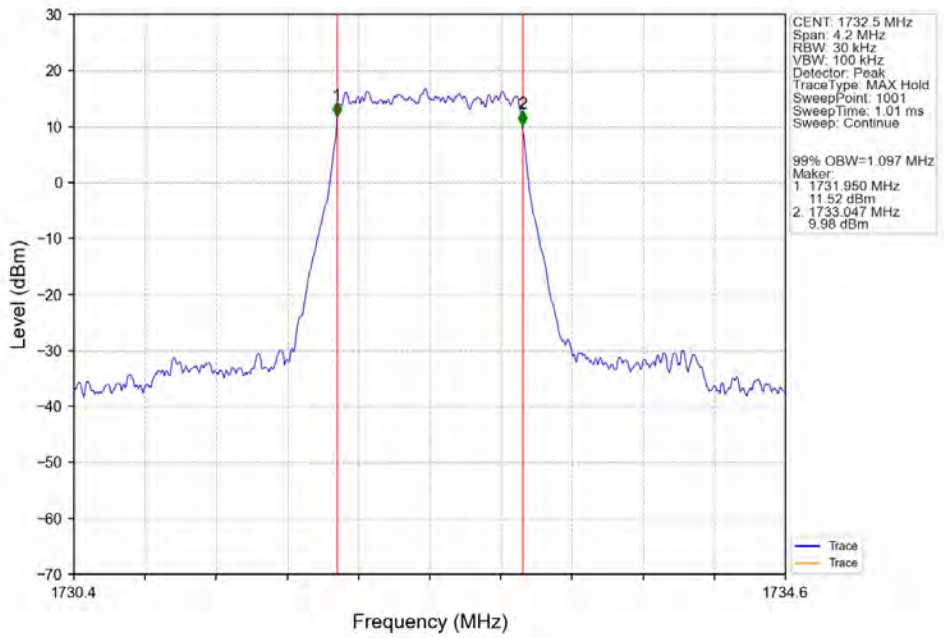
3.1.2 Band4_XDB

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	1.296	/	Pass
	16QAM	1732.5	6	0	1.285	/	Pass
3	QPSK	1732.5	15	0	3.033	/	Pass
	16QAM	1732.5	15	0	3.033	/	Pass
5	QPSK	1732.5	25	0	4.978	/	Pass
	16QAM	1732.5	25	0	4.966	/	Pass
10	QPSK	1732.5	50	0	9.750	/	Pass
	16QAM	1732.5	50	0	9.679	/	Pass
15	QPSK	1732.5	75	0	14.608	/	Pass
	16QAM	1732.5	75	0	14.523	/	Pass
20	QPSK	1732.5	100	0	19.306	/	Pass
	16QAM	1732.5	100	0	19.528	/	Pass

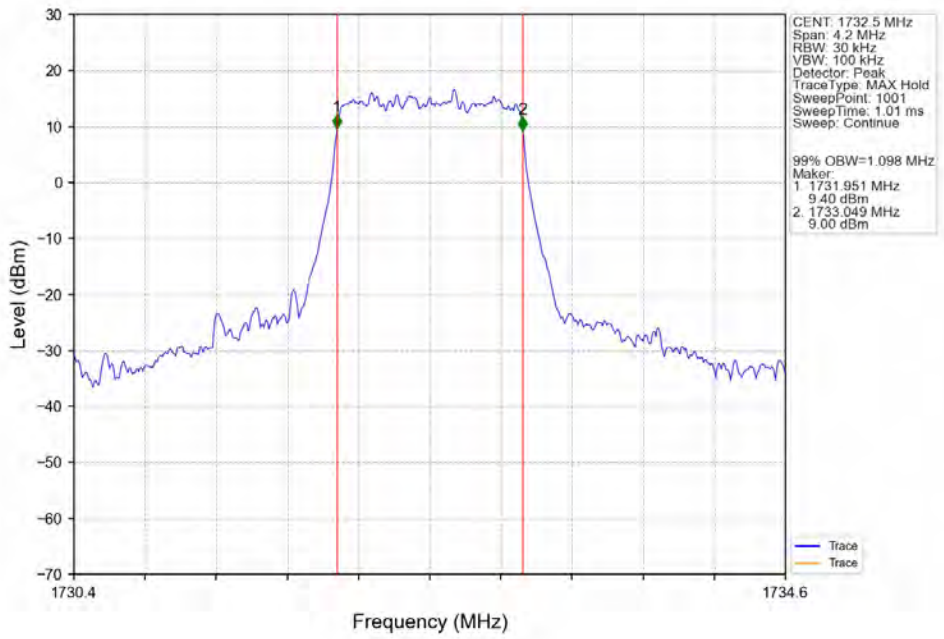
3.2 Test Graph

3.2.1 Band4_OBW

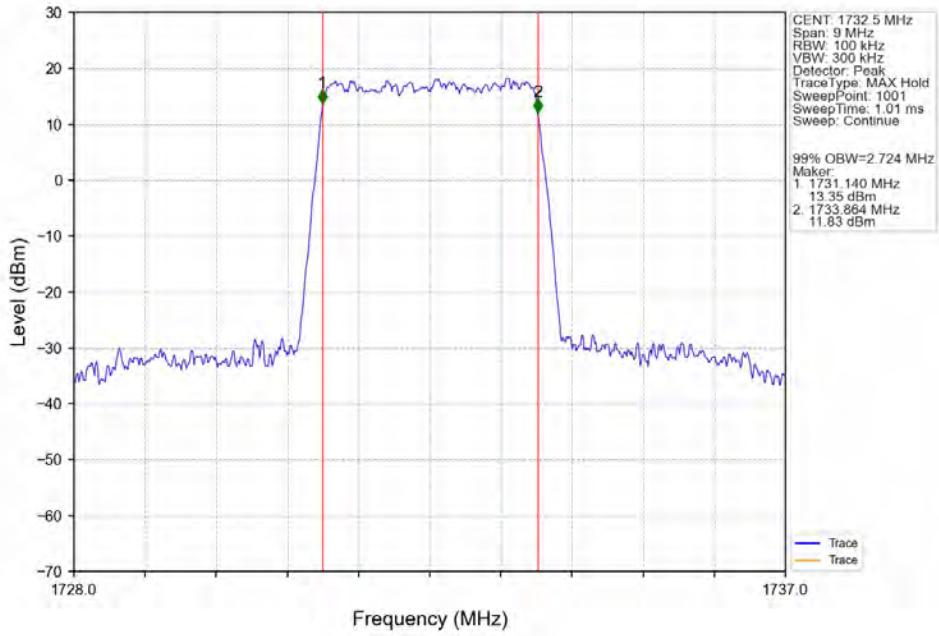
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



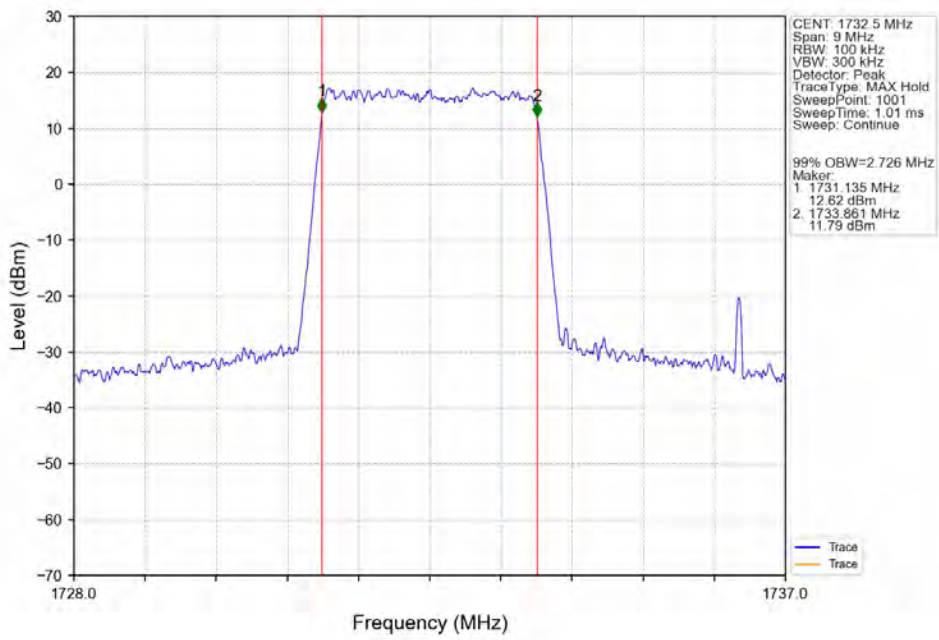
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



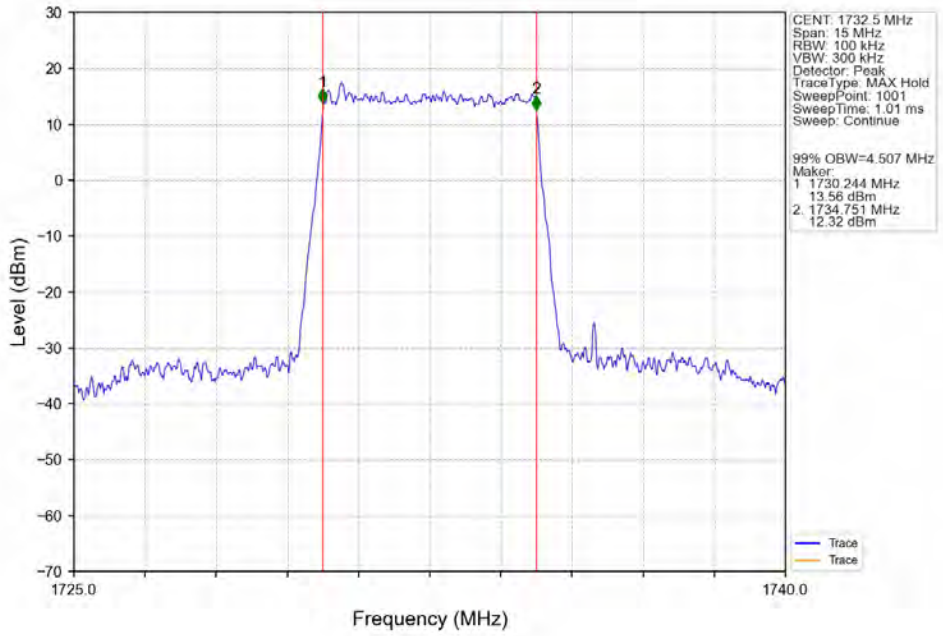
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



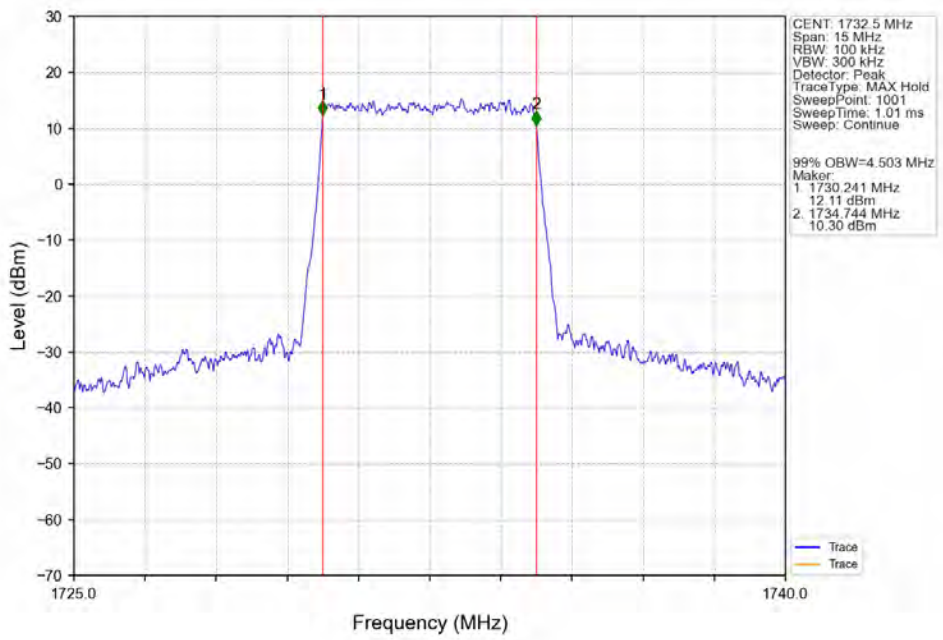
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



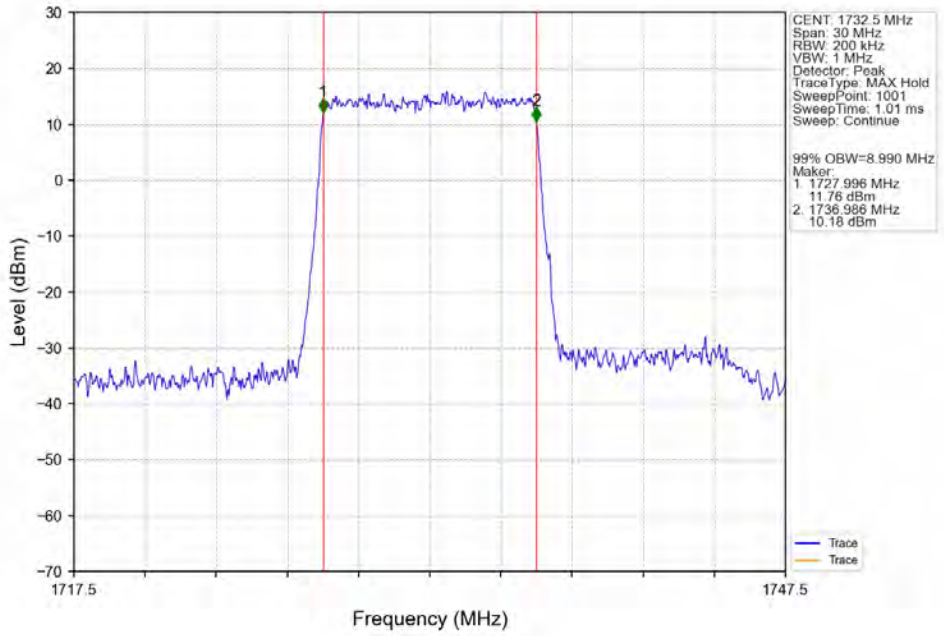
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



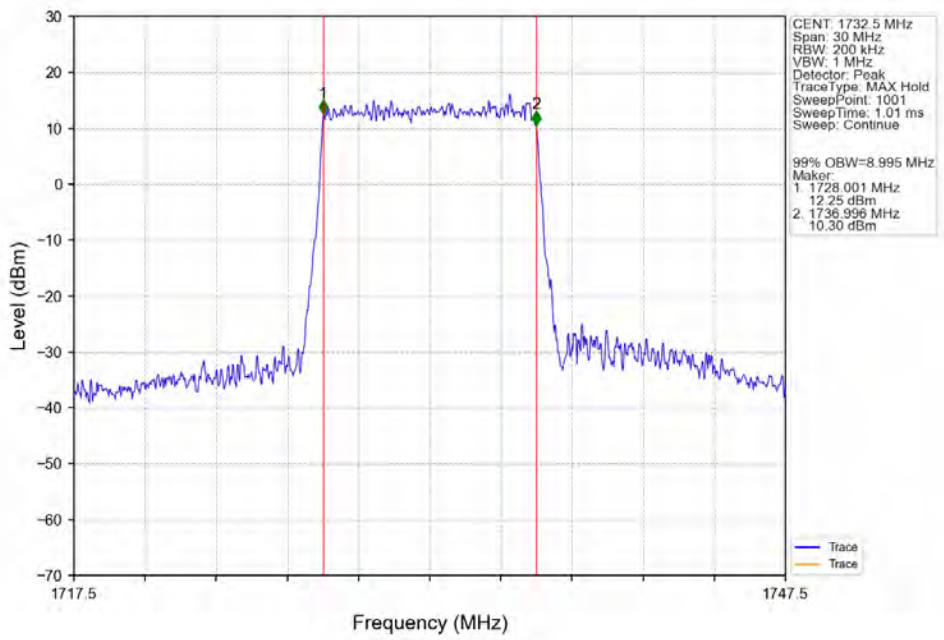
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



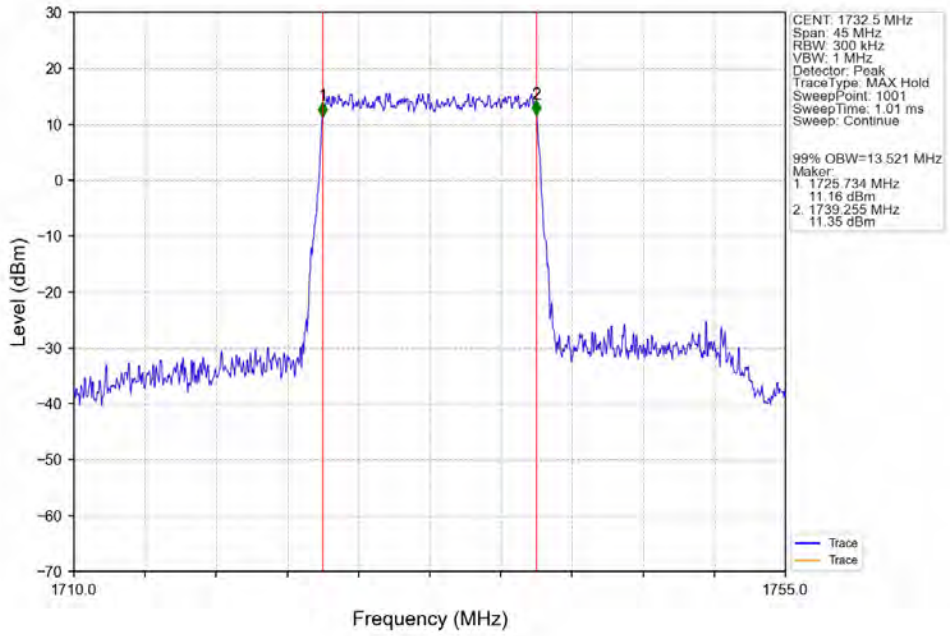
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



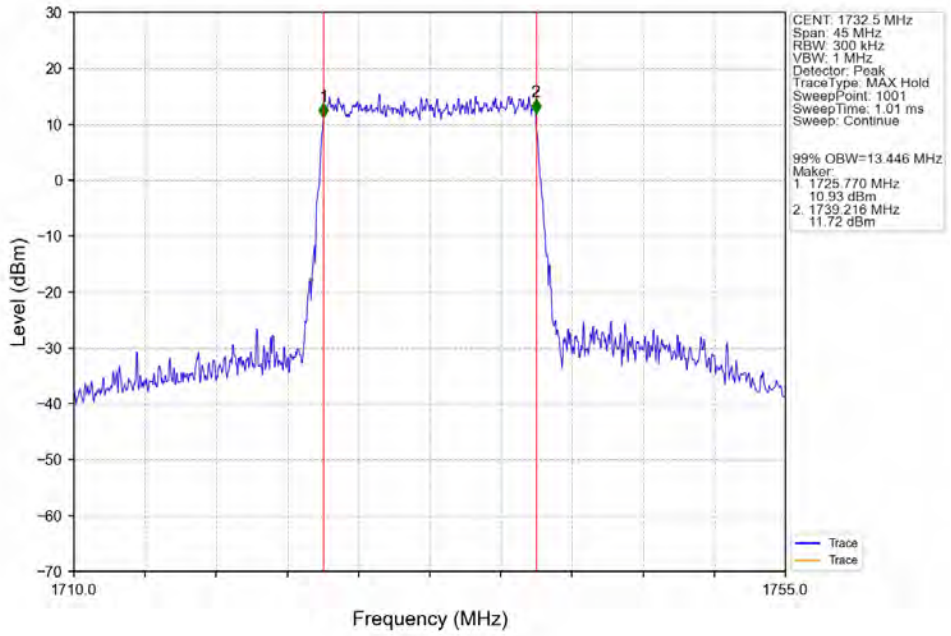
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



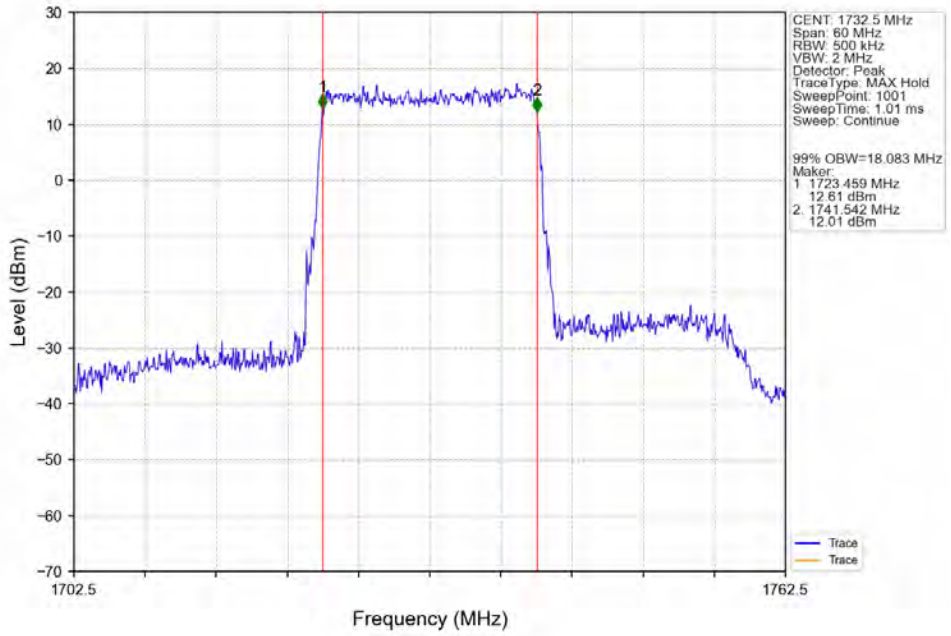
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



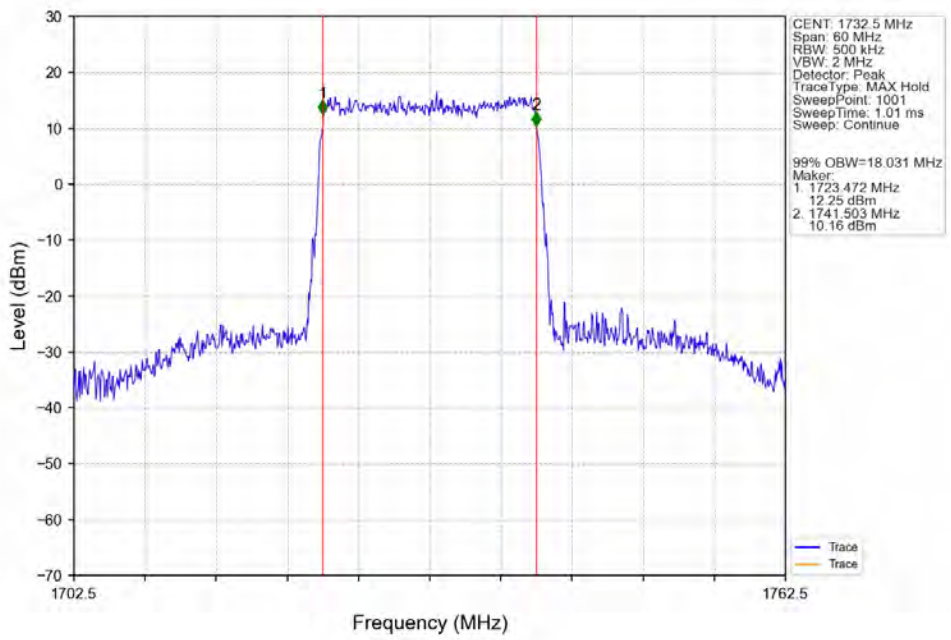
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV

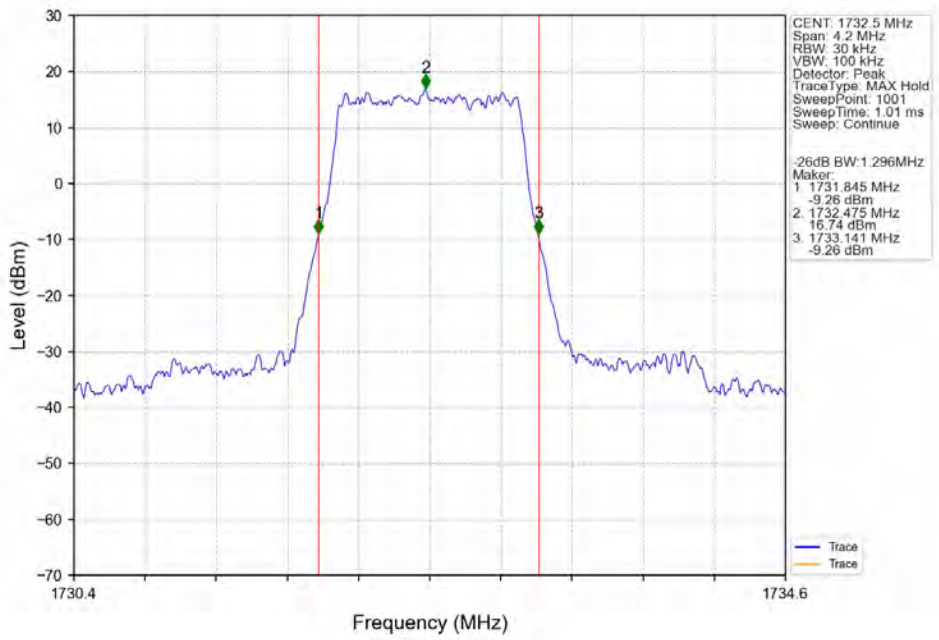


Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV

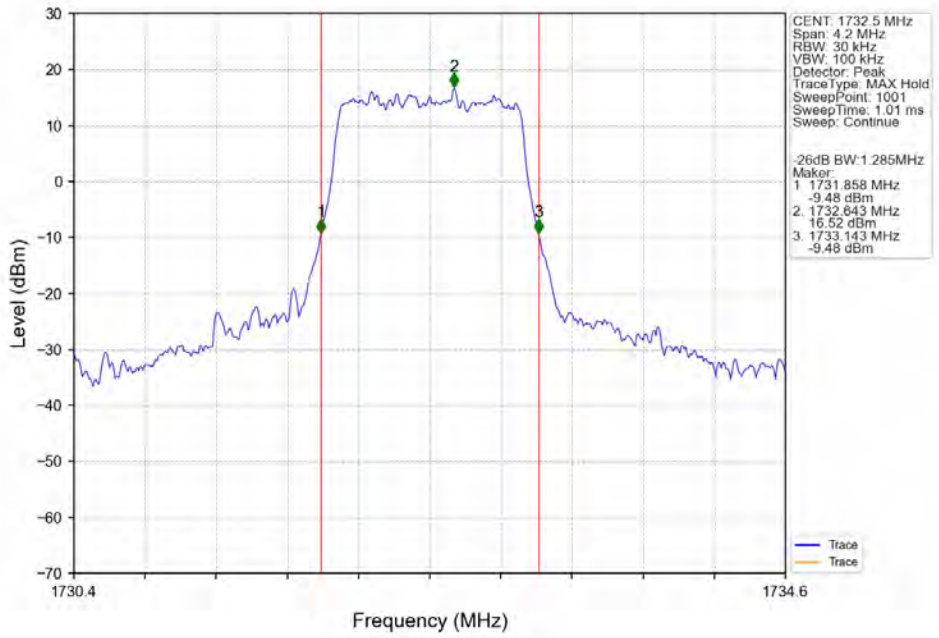


3.2.2 Band4_XDB

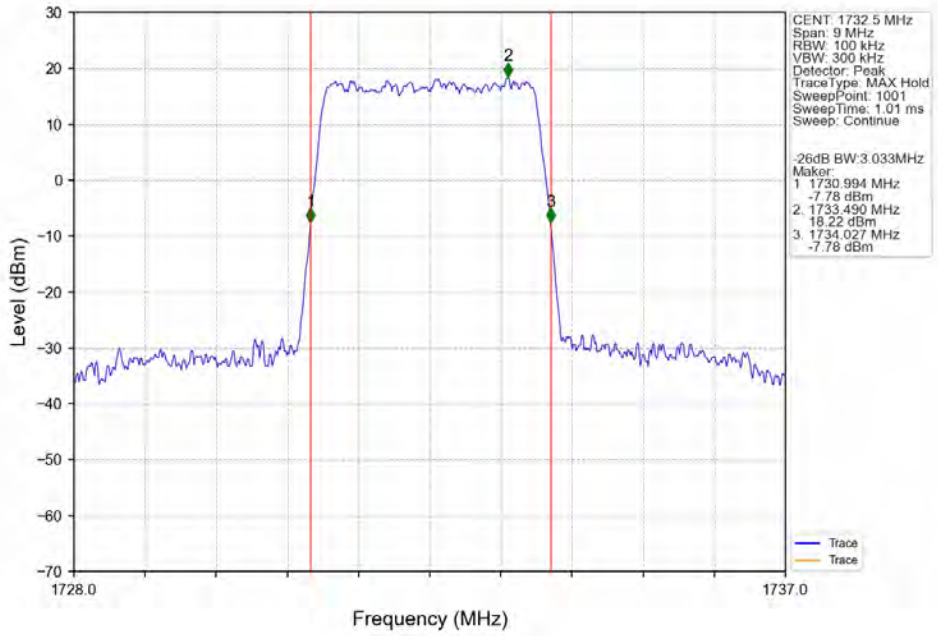
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_6_0_NTNV



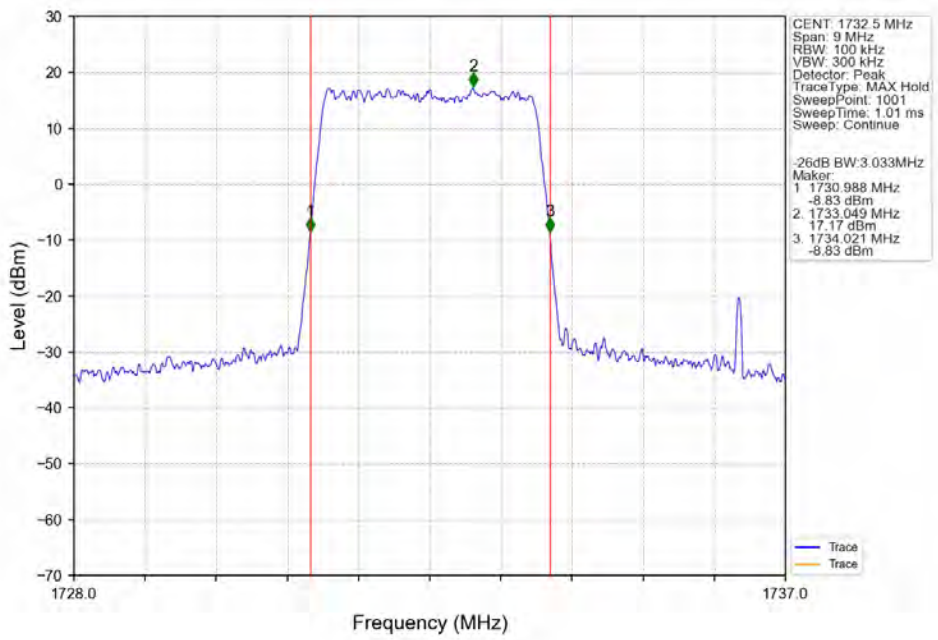
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



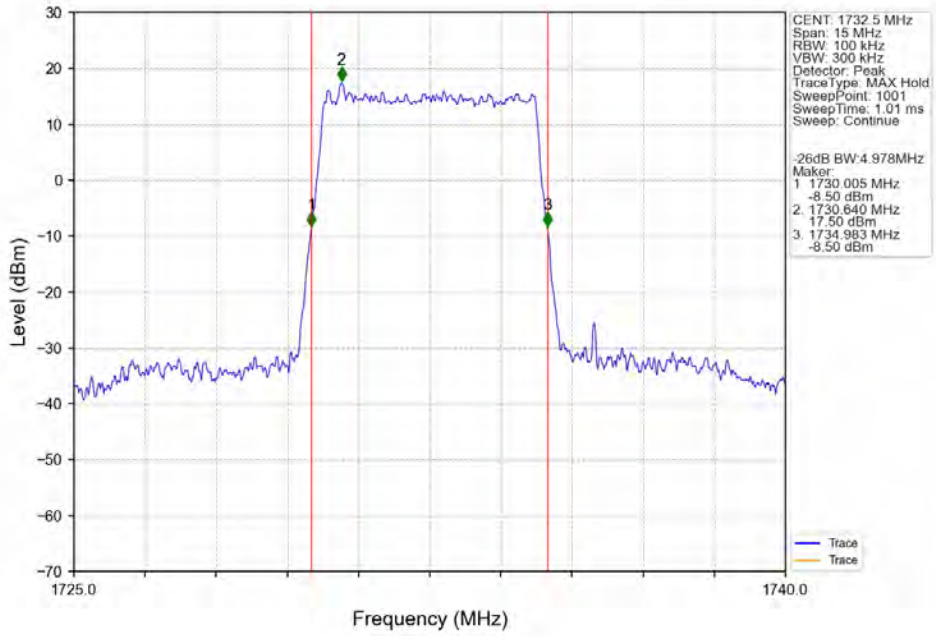
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



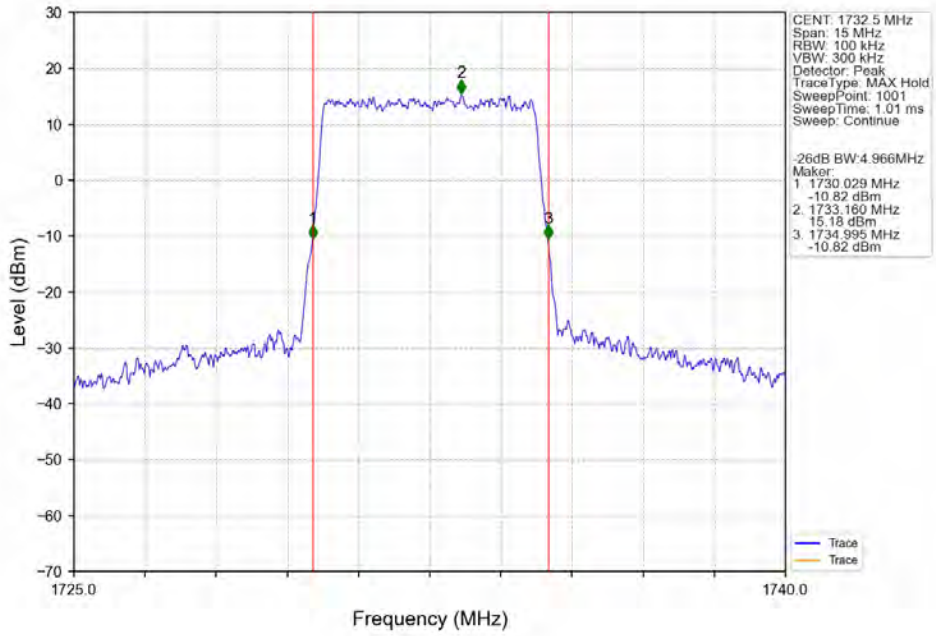
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



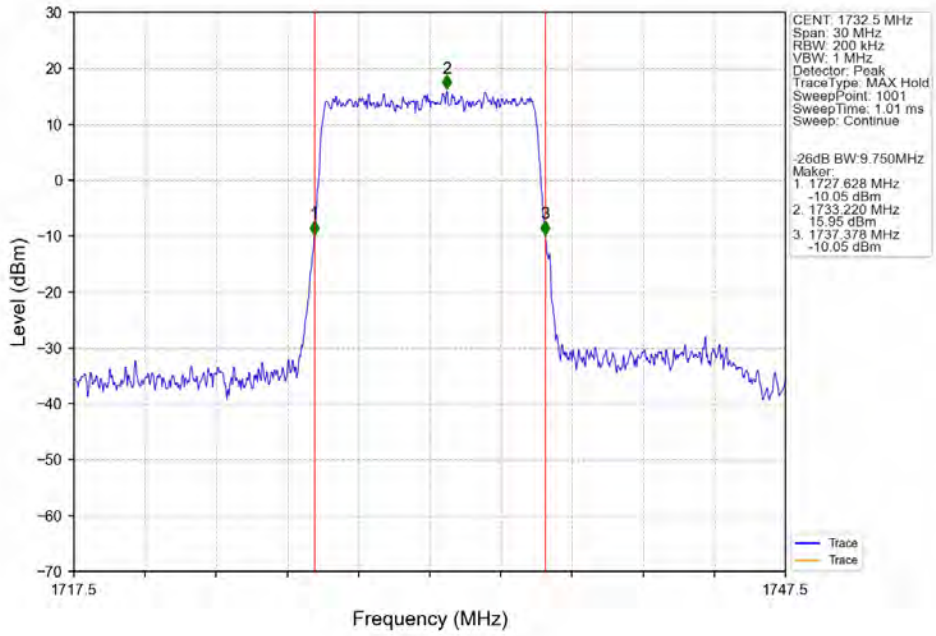
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



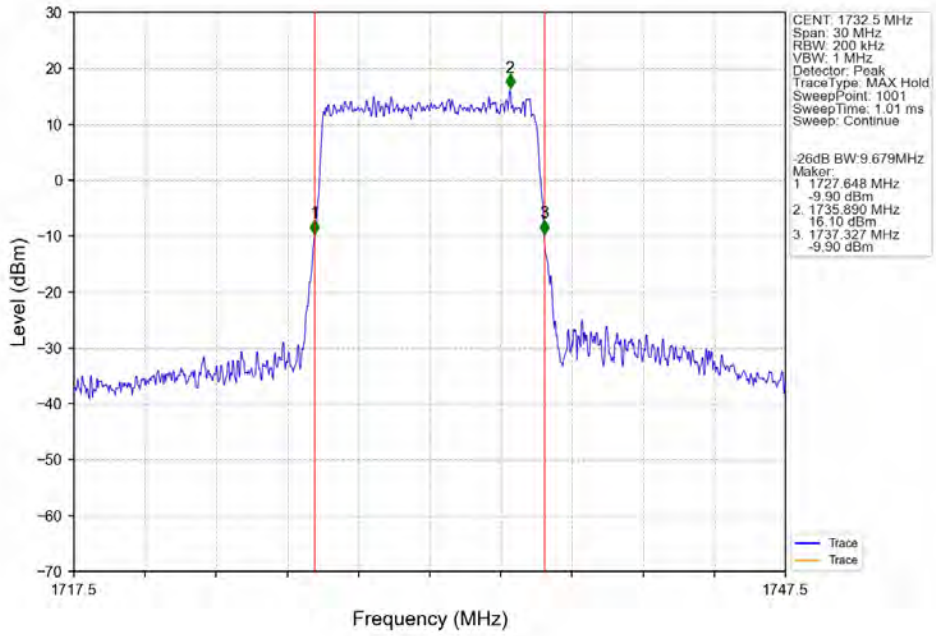
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



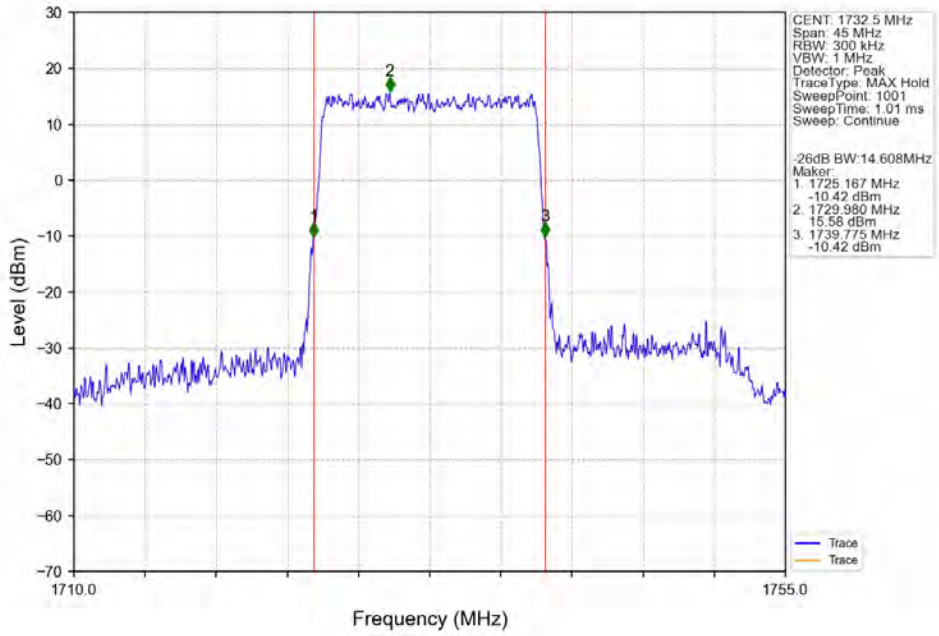
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



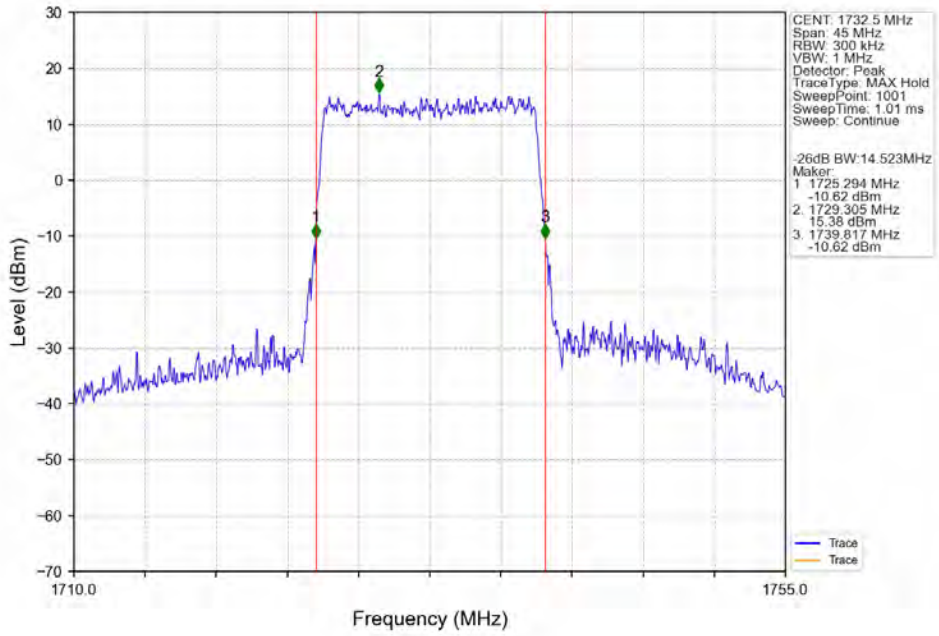
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



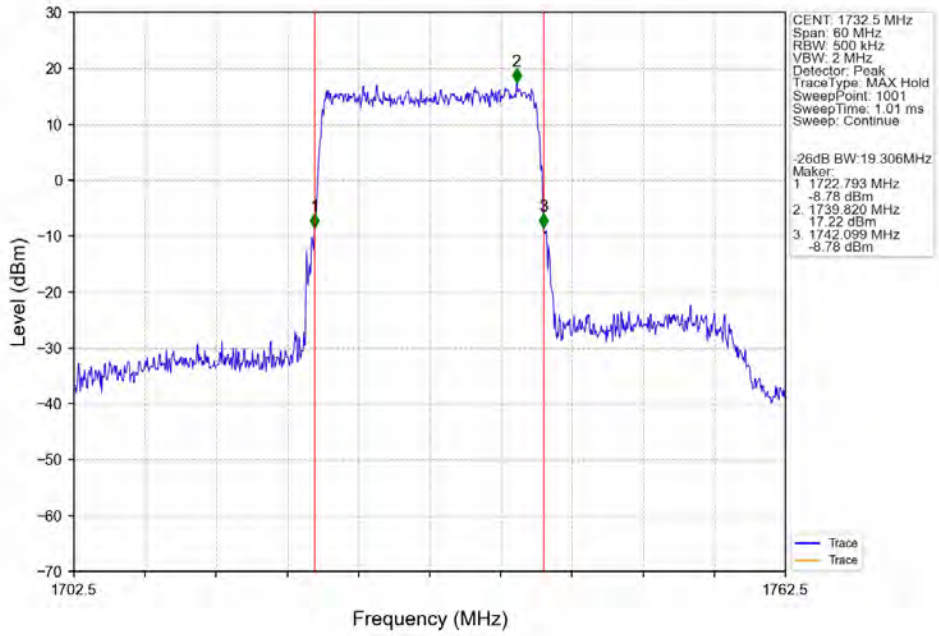
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



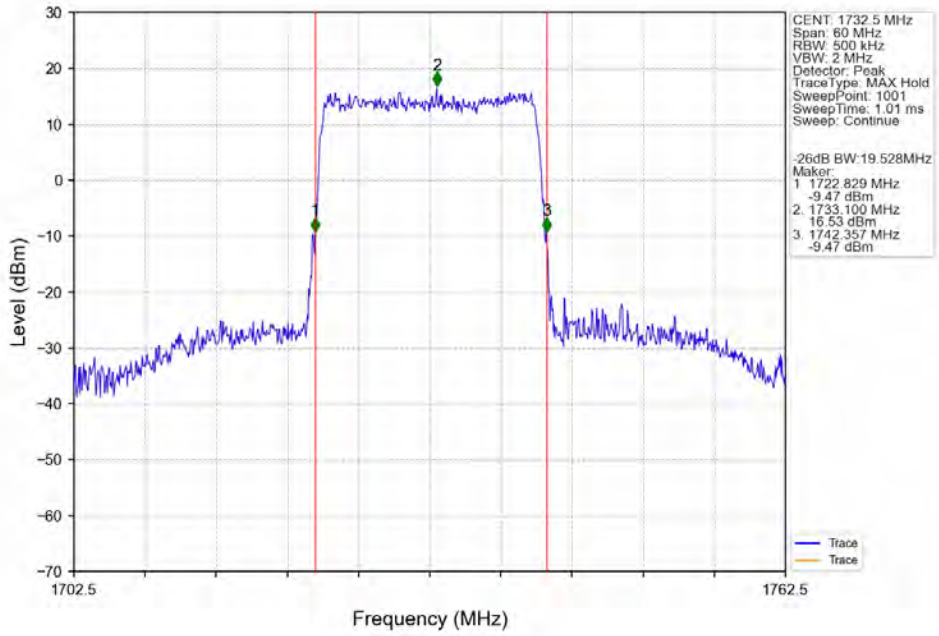
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



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

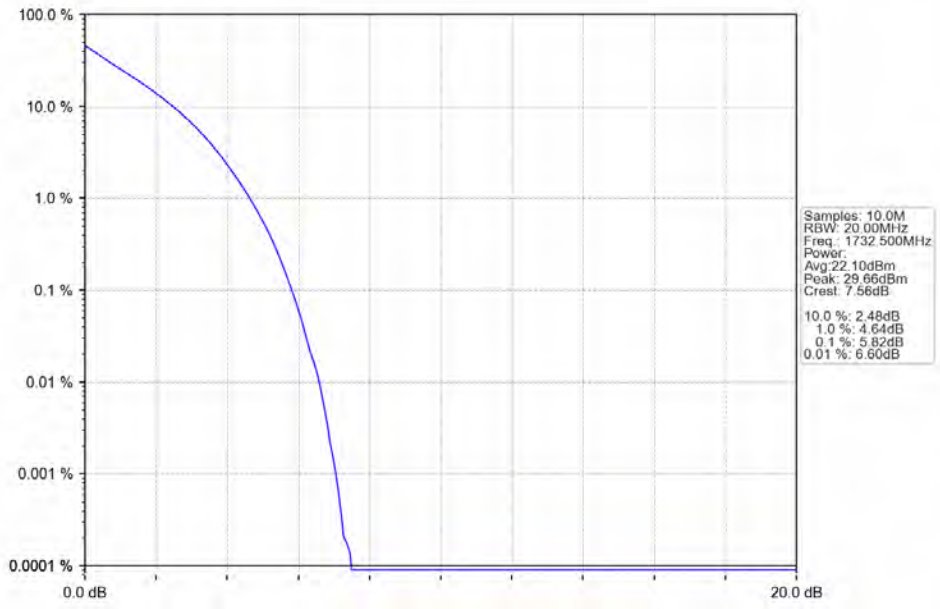
4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.82	<=13	Pass
16QAM	1732.5	100	0	6.54	<=13	Pass
64QAM	1732.5	100	0	6.66	<=13	Pass
256QAM	1732.5	100	0	6.60	<=13	Pass

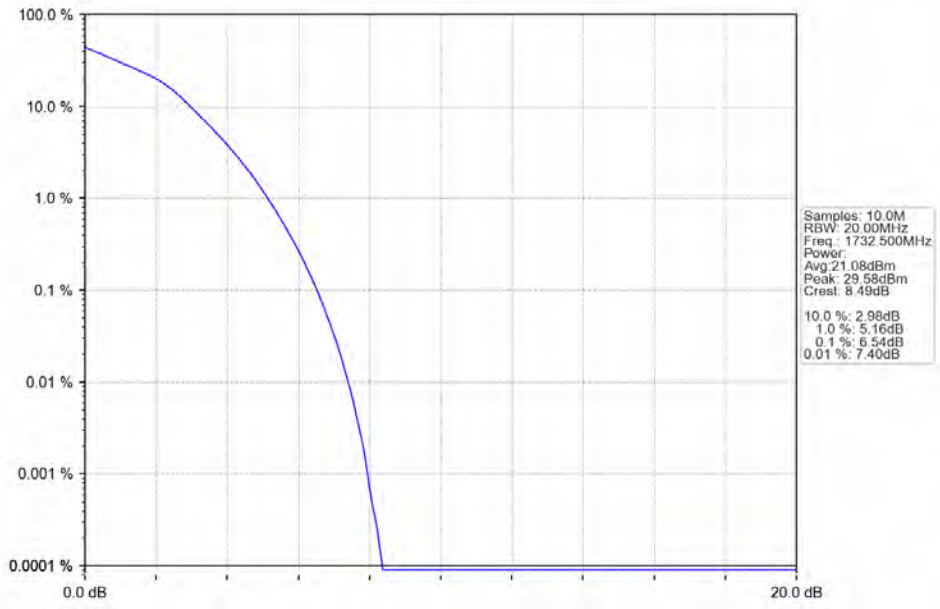
4.2 Test Graph

4.2.1 B4_20MHz

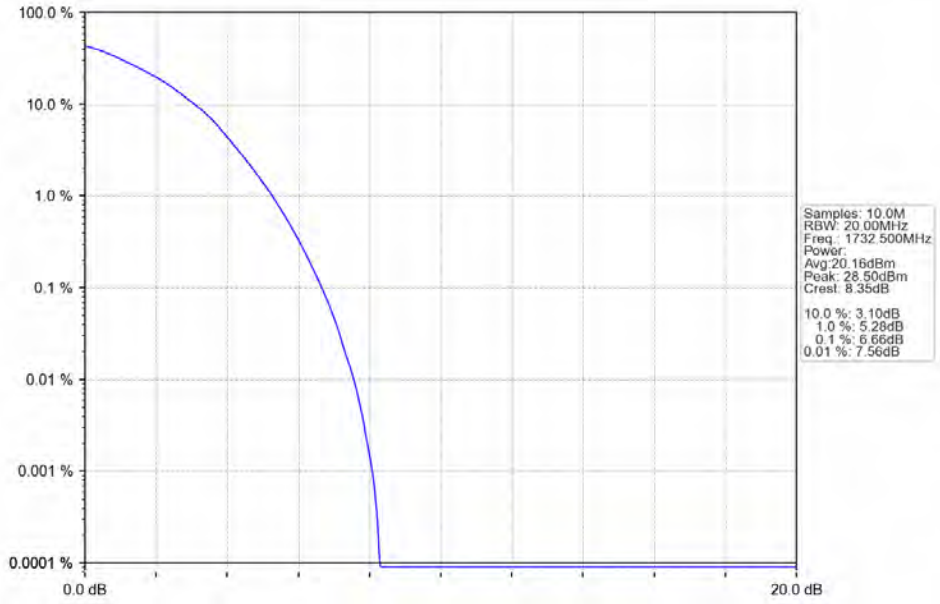
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



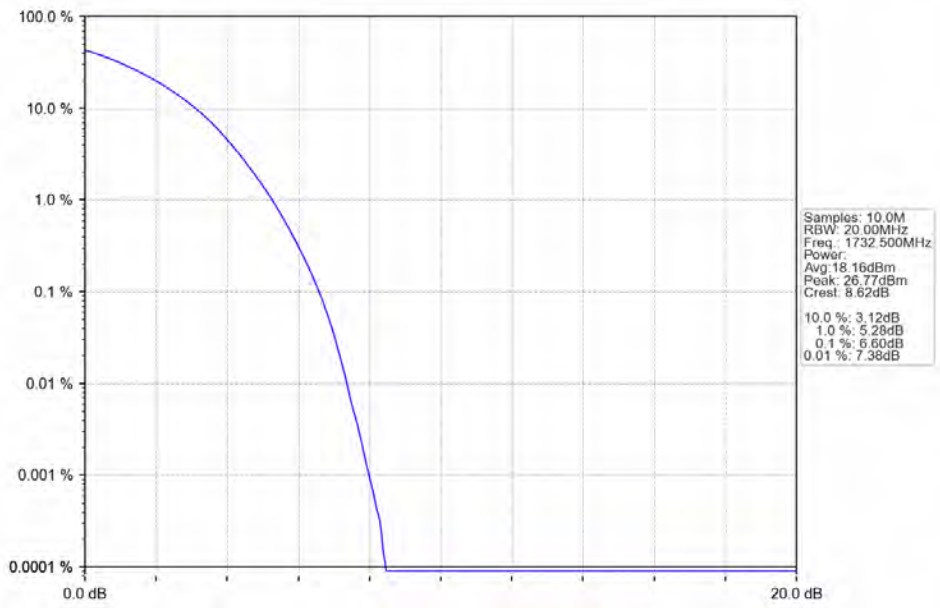
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



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

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

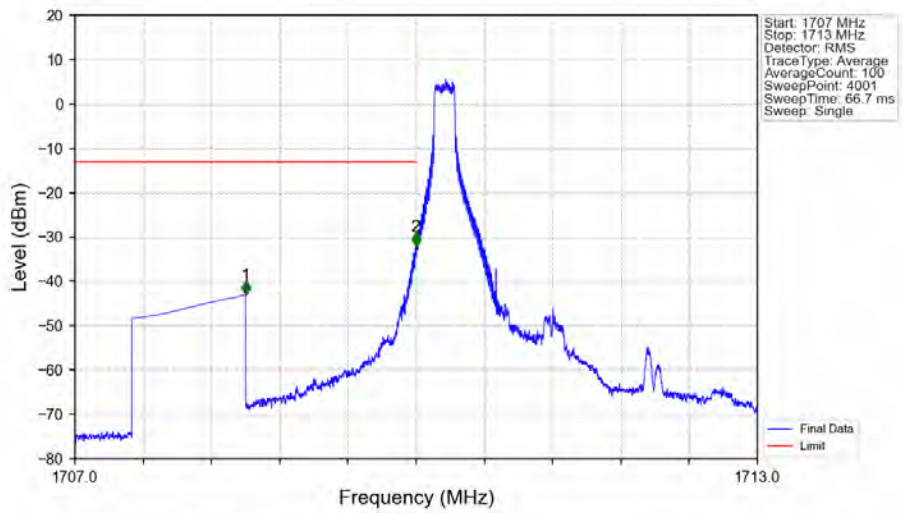
5.1.6 B4_20MHz

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

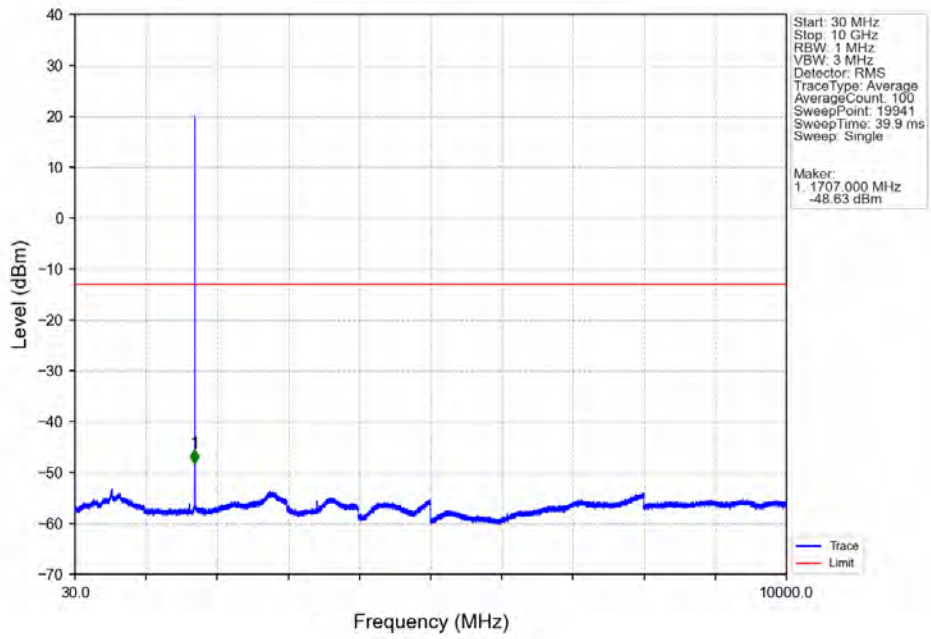
5.2.1 B4_1.4MHz

Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

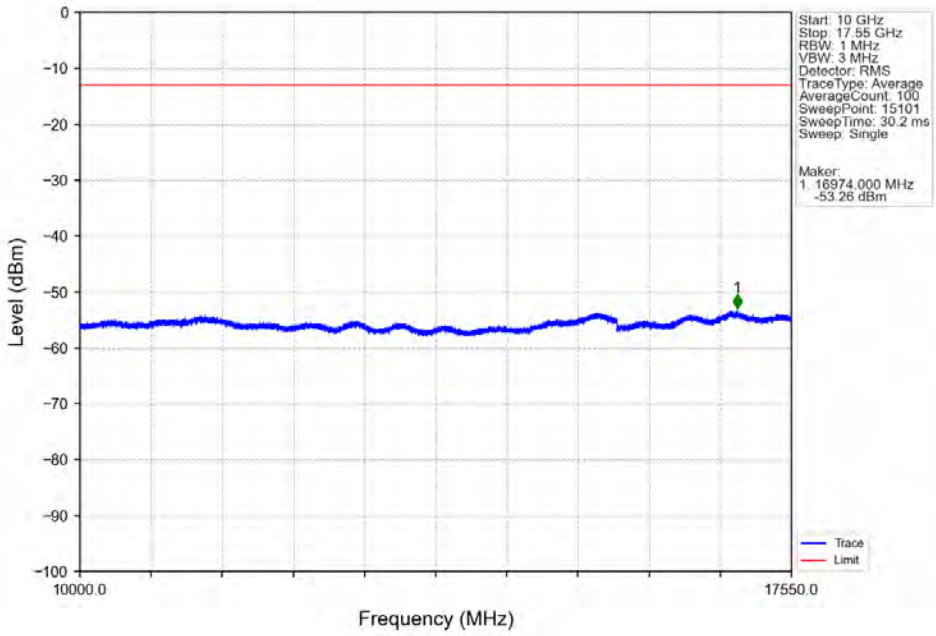


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-43.02	-13	Pass
1709	1710	0.003	/	2	1709.997	-32.04	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

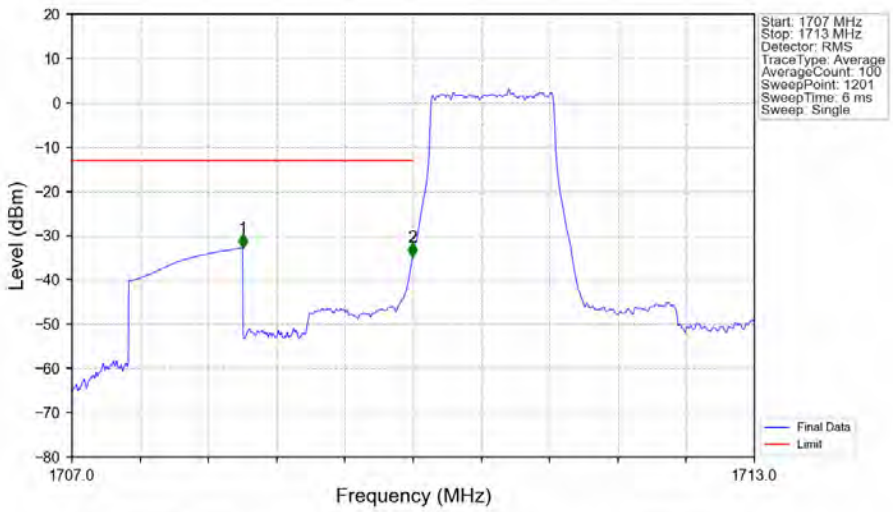
Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

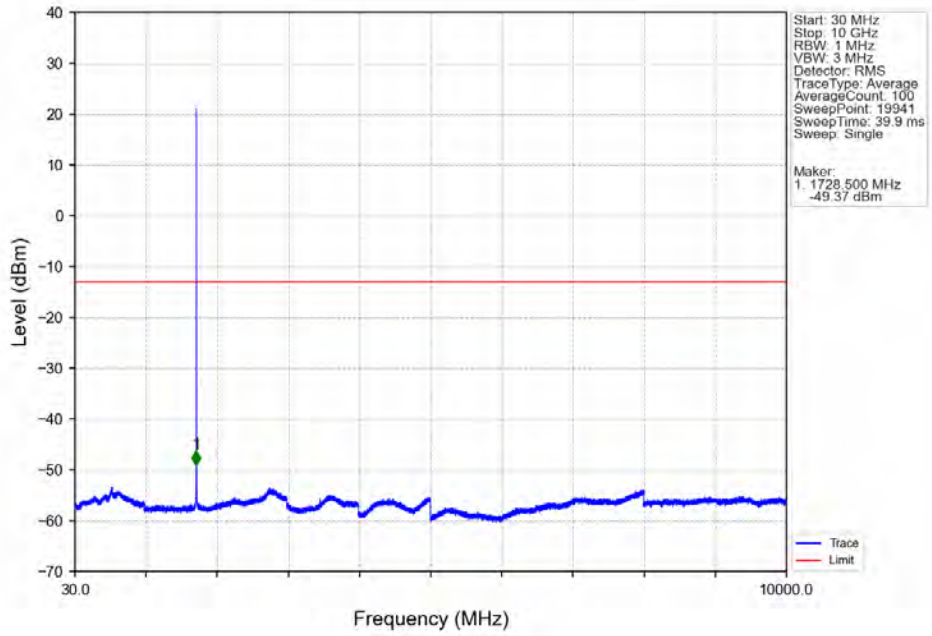


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

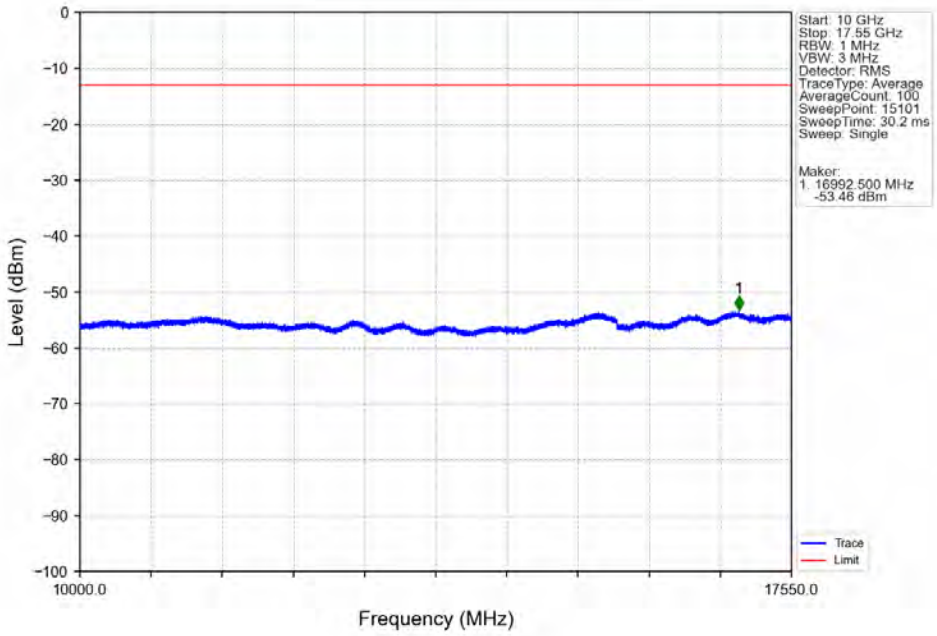


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-32.80	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-34.76	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

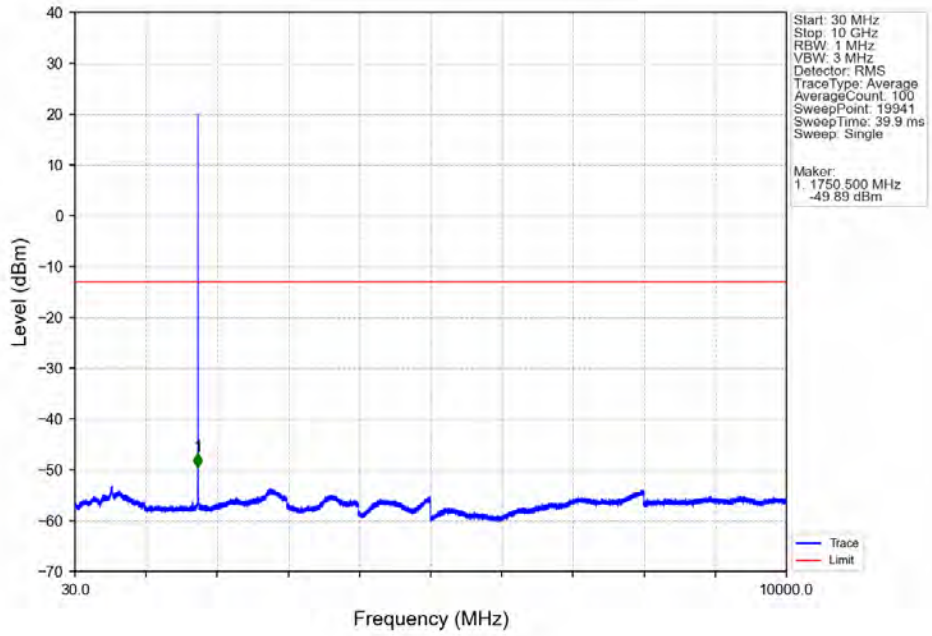
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



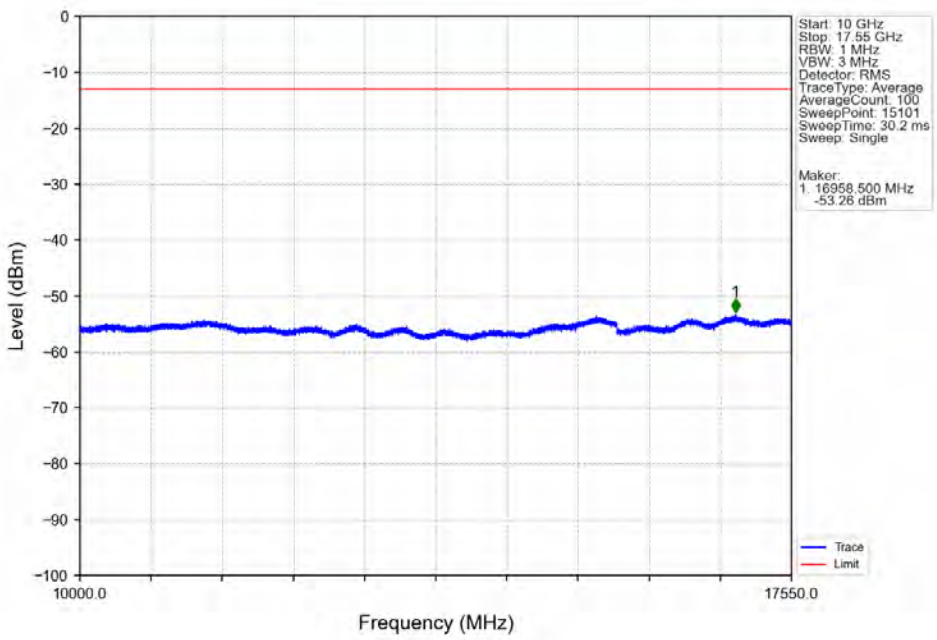
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



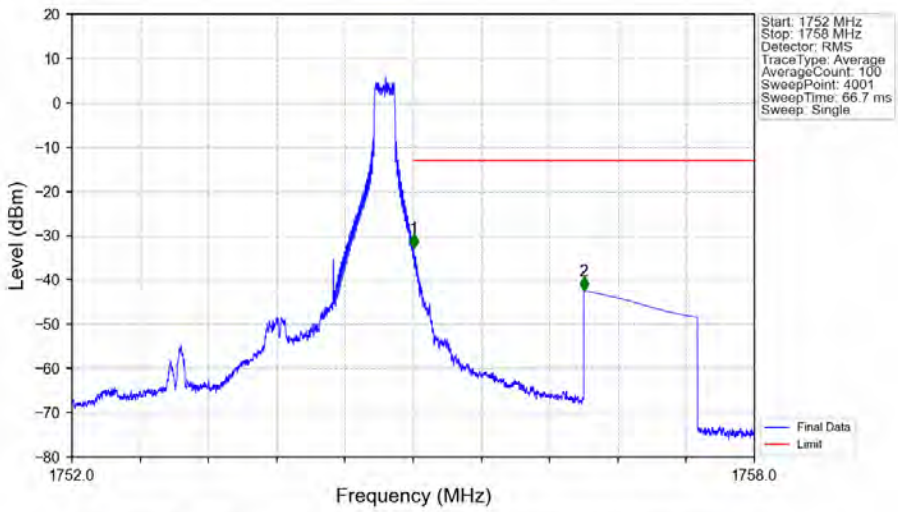
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

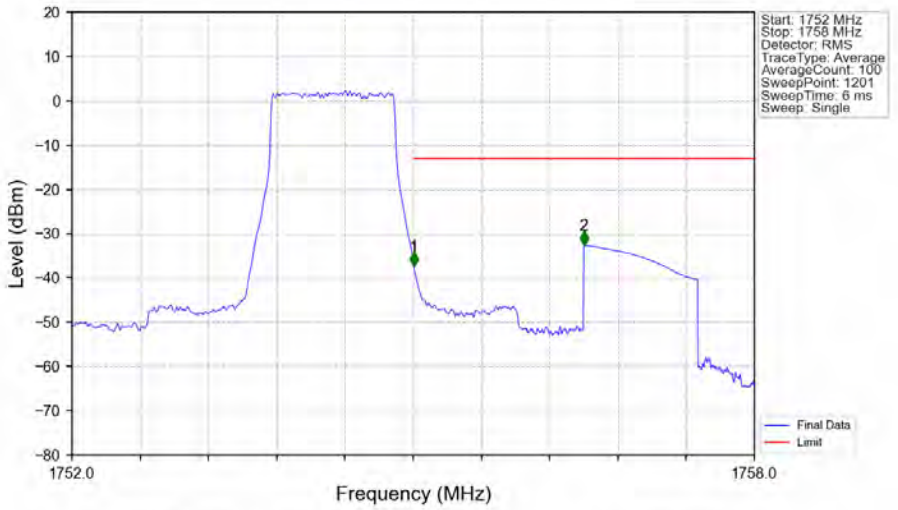


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



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	1755.005	-32.84	-13	Pass
1756	1758	1	CHP	2	1756.500	-42.38	-13	Pass

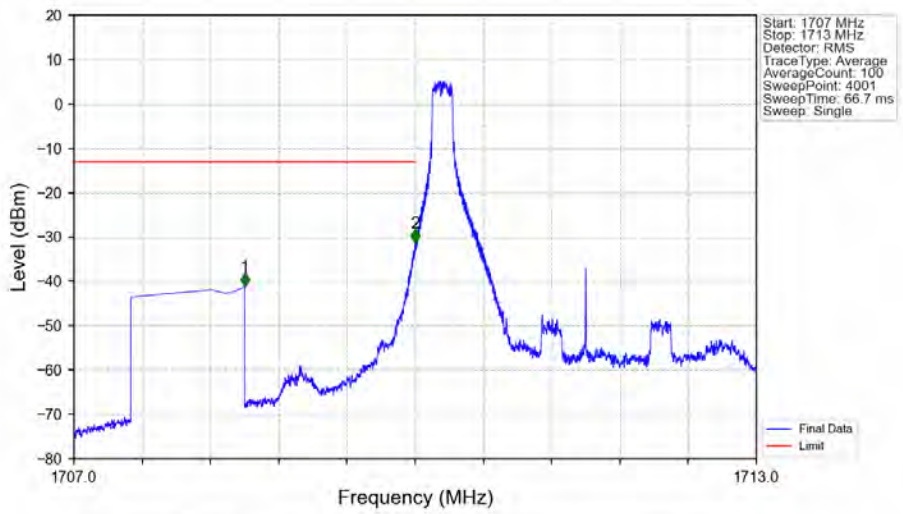
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-37.29	-13	Pass
1756	1758	1	CHP	2	1756.500	-32.63	-13	Pass

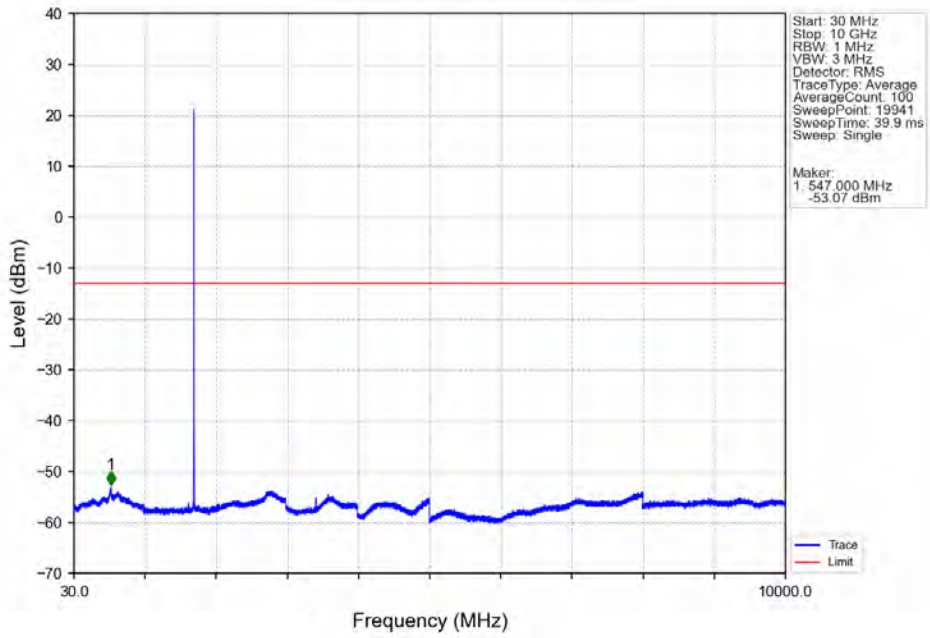
5.2.2 B4_3MHz

Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

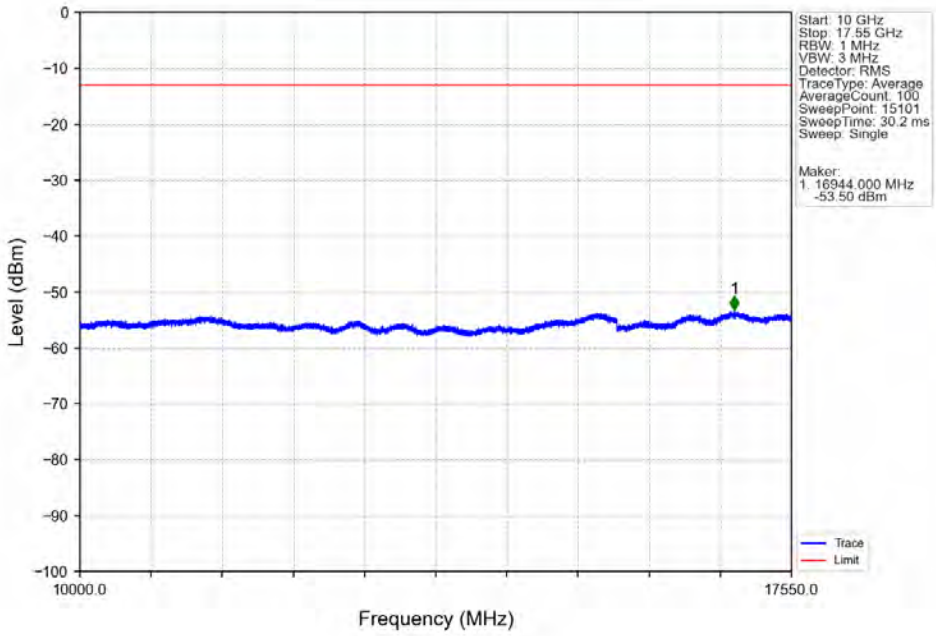


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-41.15	-13	Pass
1709	1710	0.003	/	2	1709.998	-31.34	-13	Pass
1710	1713	0.003	/	/	/	/	/	/

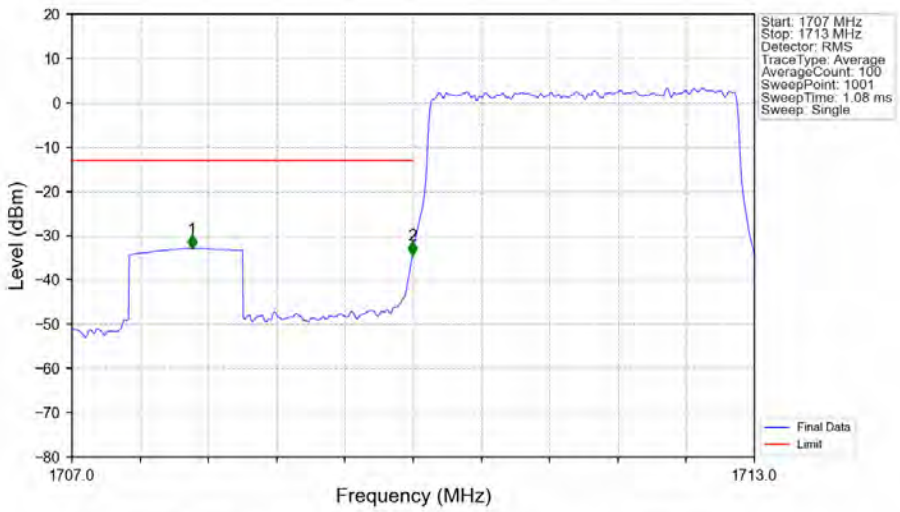
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

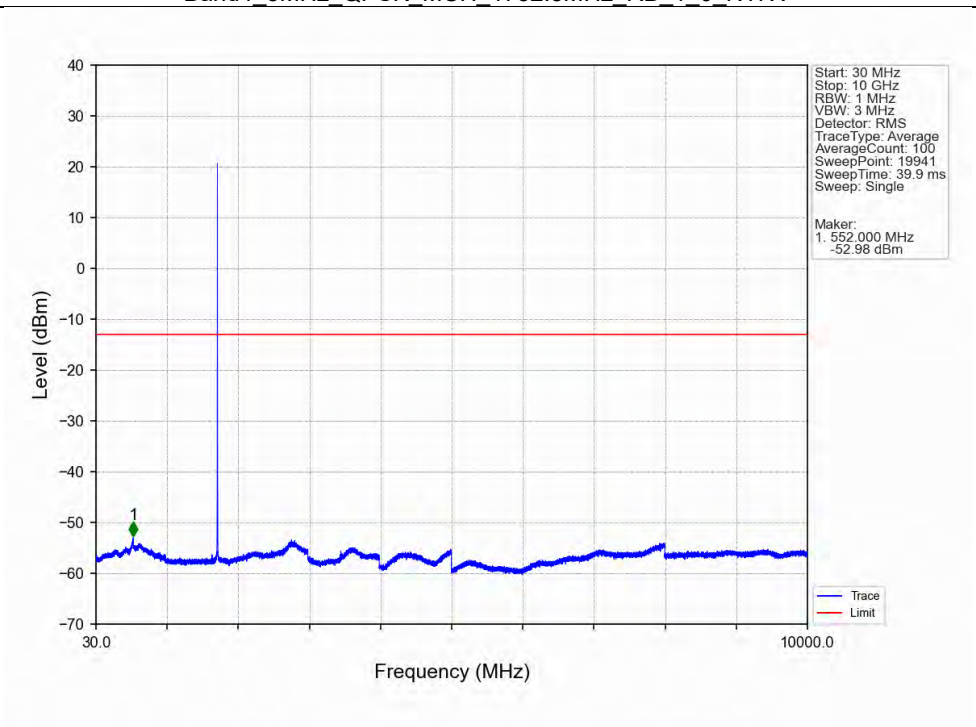


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

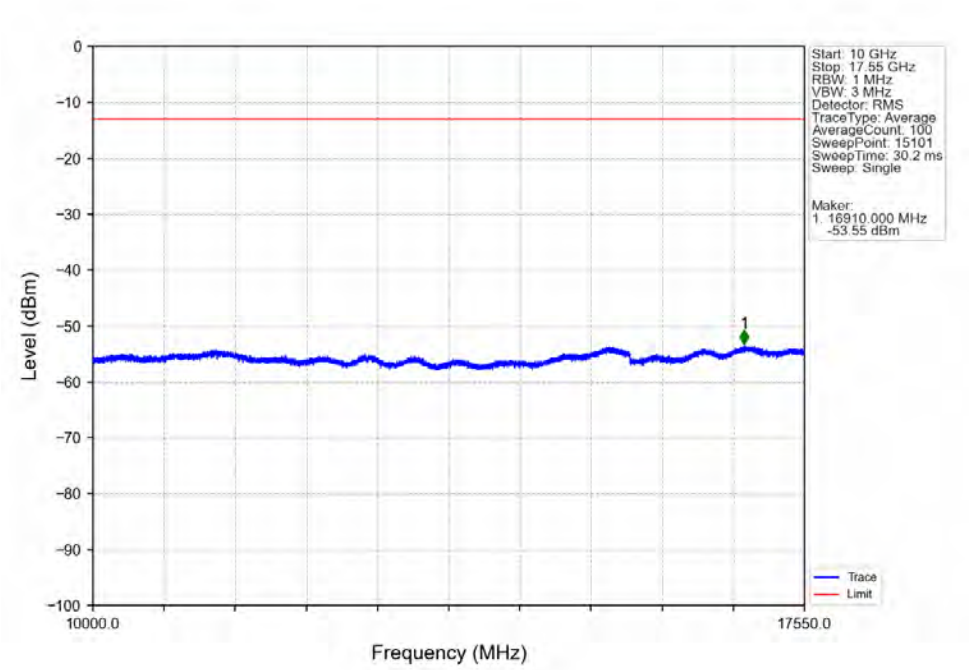


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.056	-32.95	-13	Pass
1709	1710	0.03	/	2	1709.994	-34.41	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

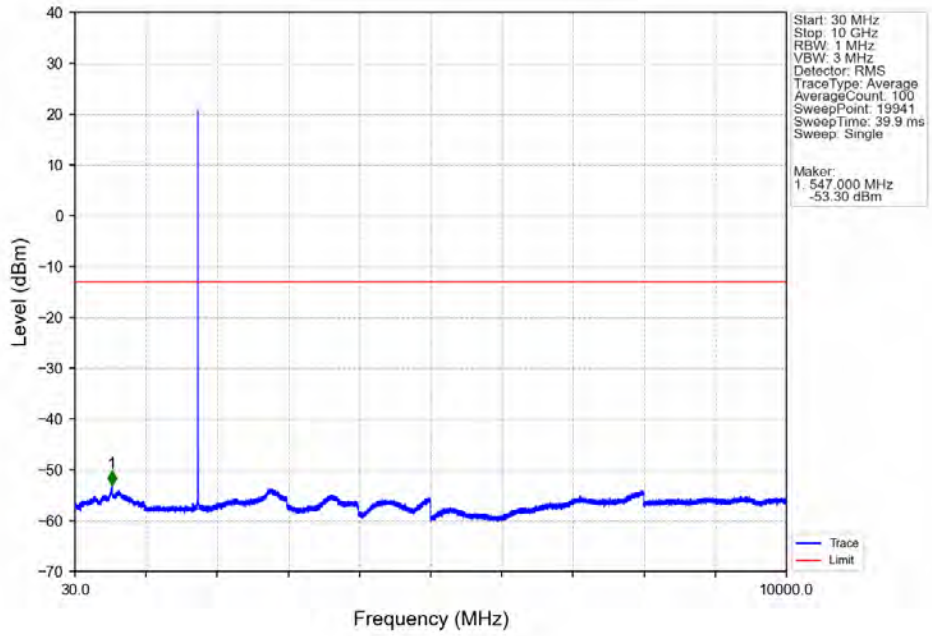
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



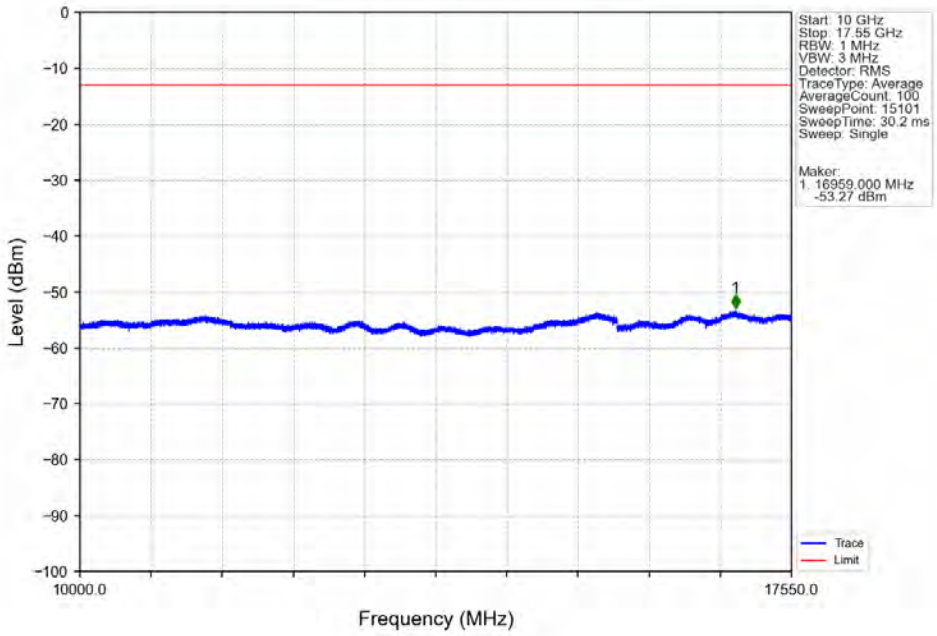
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



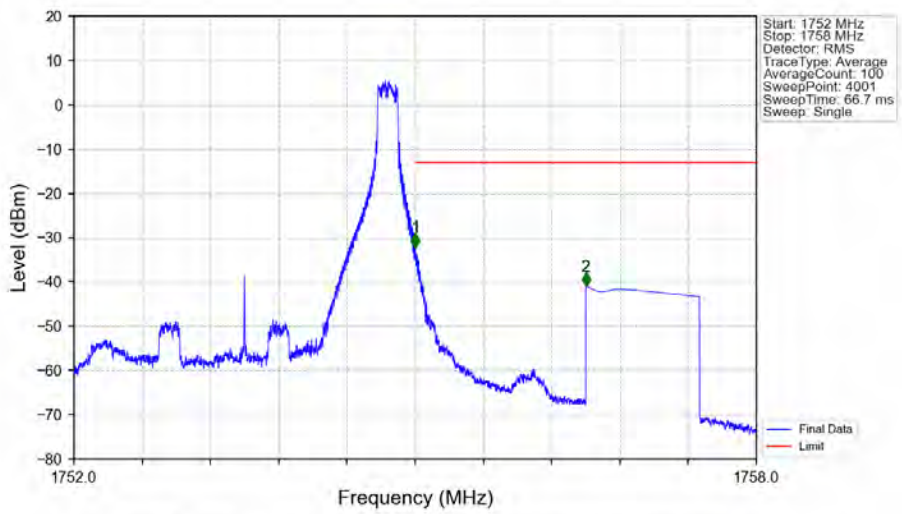
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

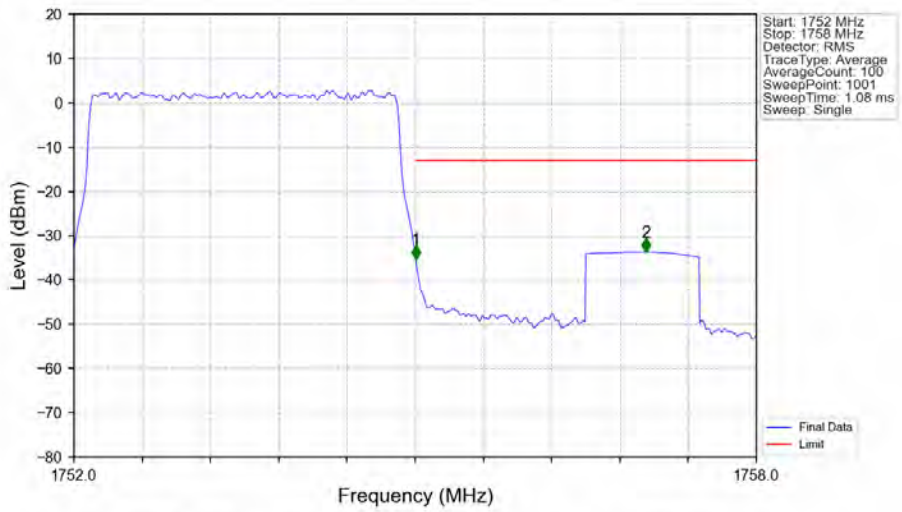


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



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	1755.002	-32.13	-13	Pass
1756	1758	1	CHP	2	1756.500	-41.00	-13	Pass

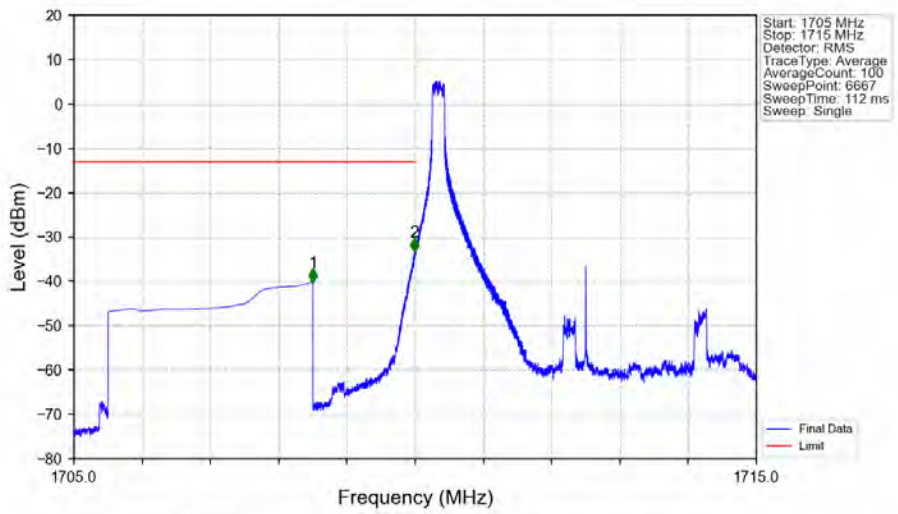
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.006	-35.38	-13	Pass
1756	1758	1	CHP	2	1757.028	-33.64	-13	Pass

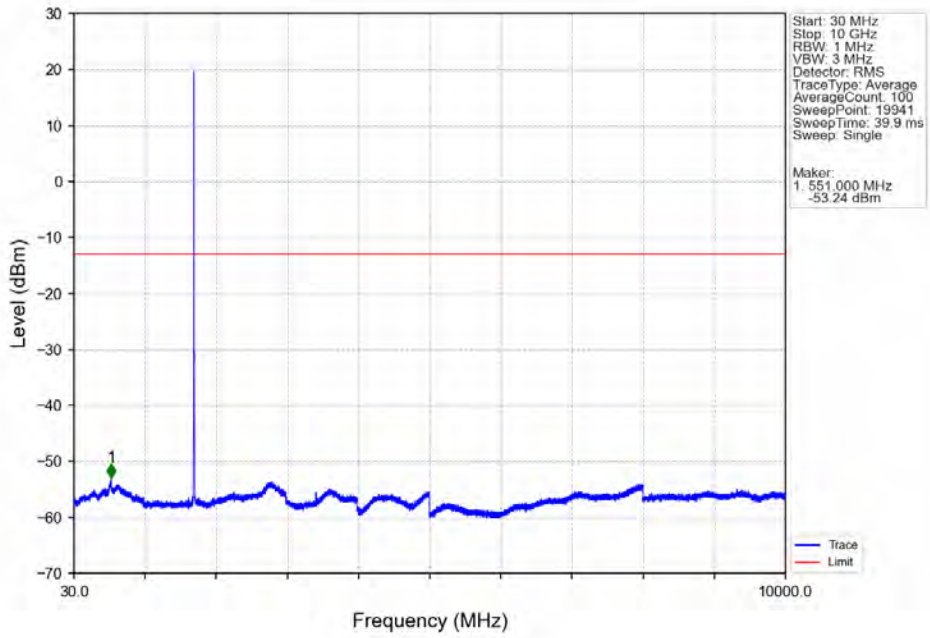
5.2.3 B4_5MHz

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

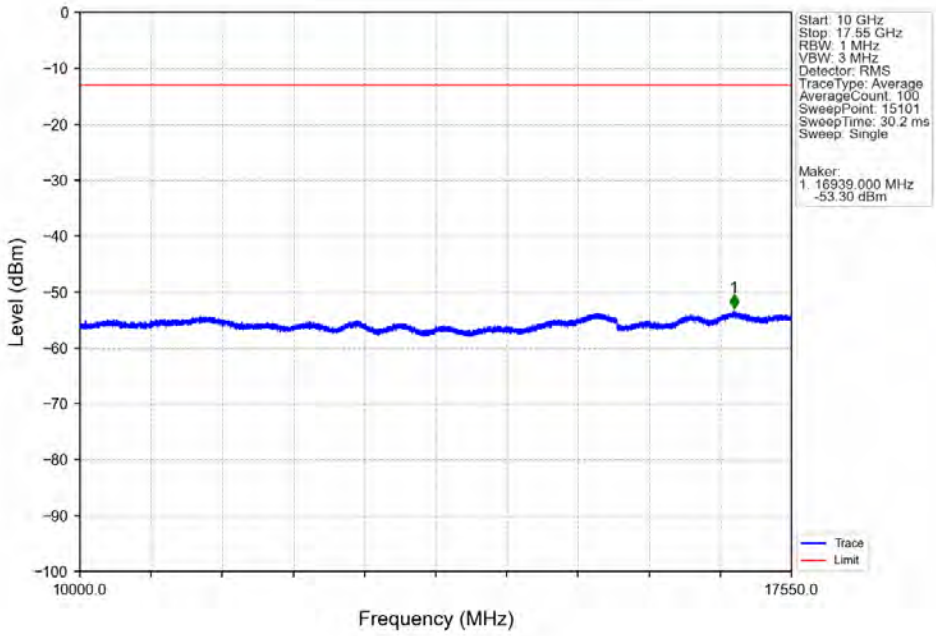


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-40.22	-13	Pass
1709	1710	0.003	/	2	1709.991	-33.28	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

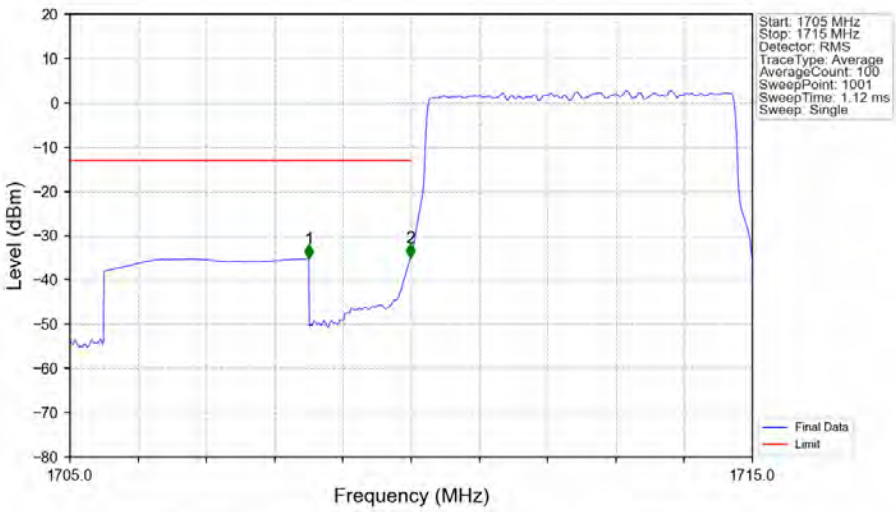
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

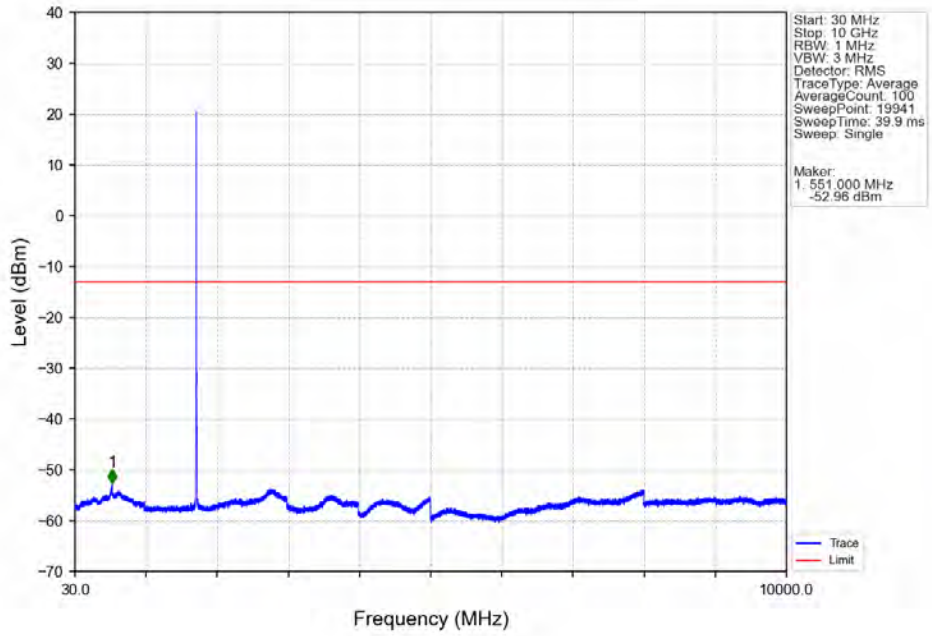


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

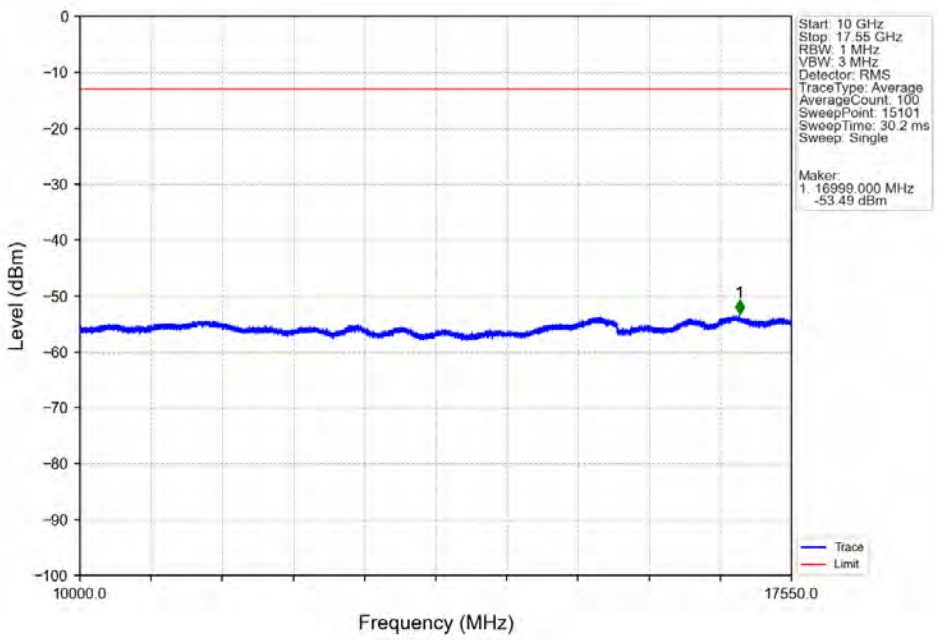


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-35.13	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-35.00	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

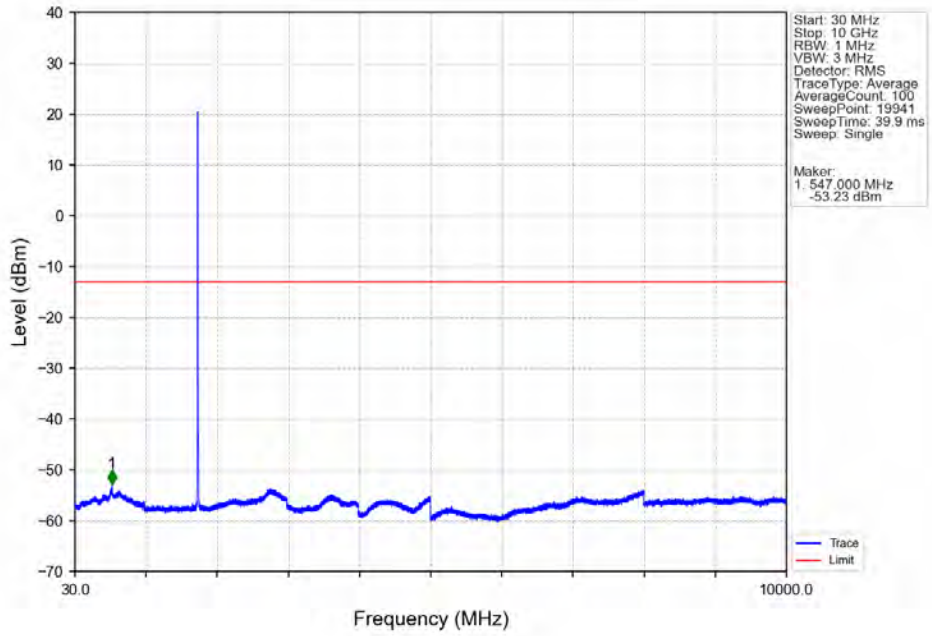
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



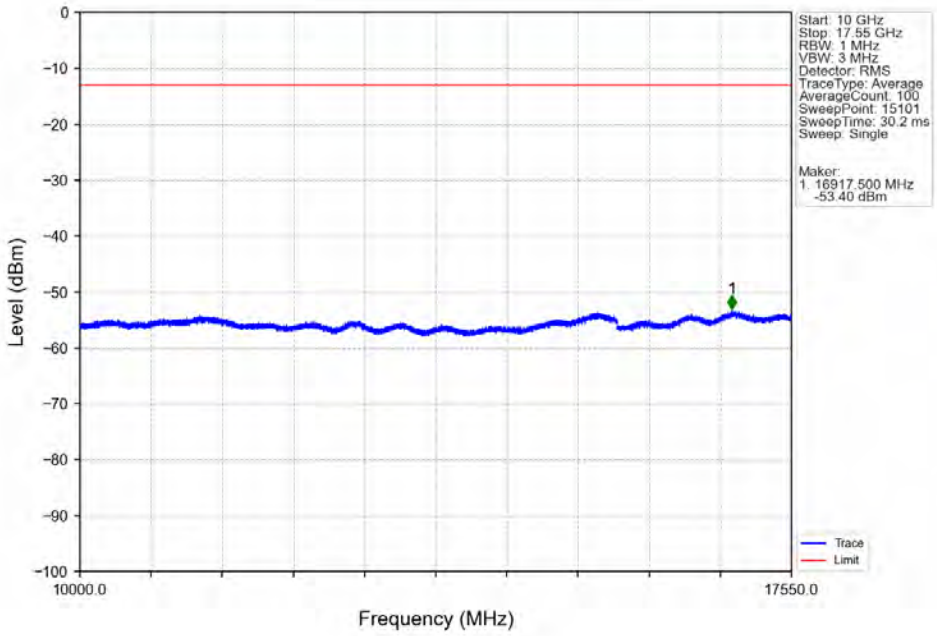
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



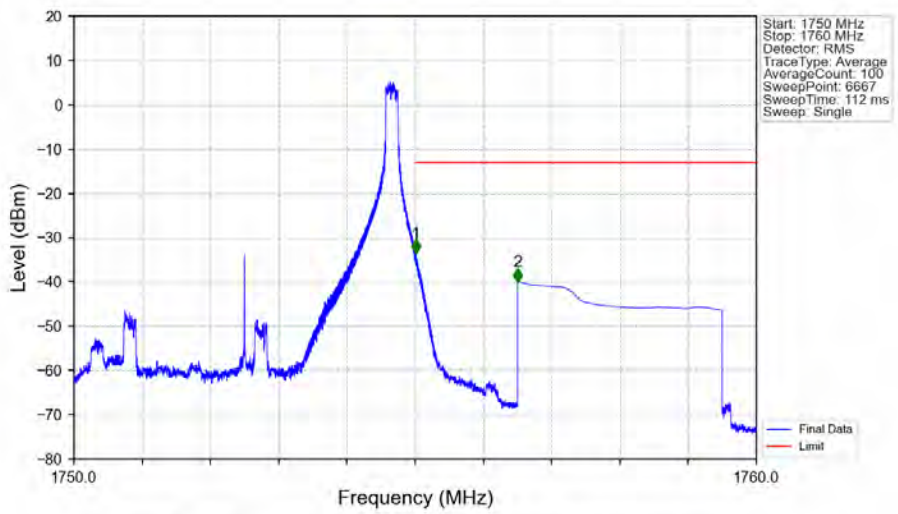
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

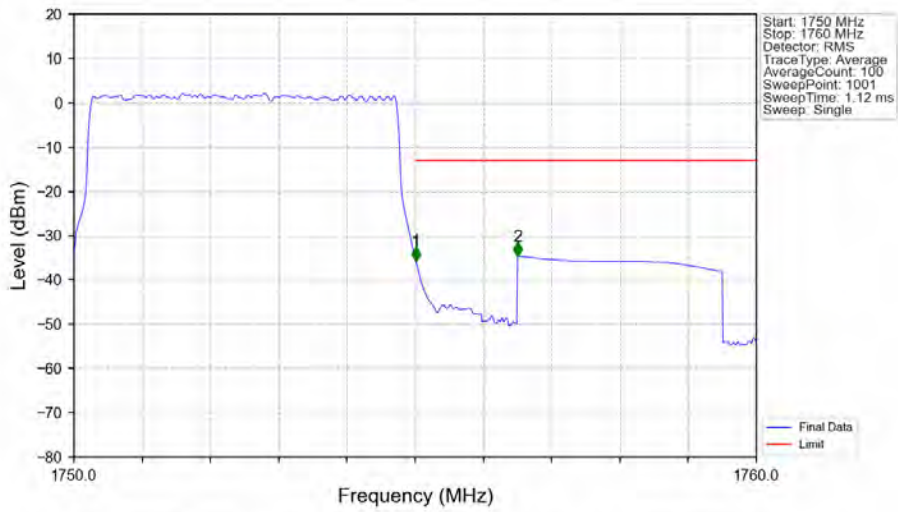


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



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	1755.009	-33.56	-13	Pass
1756	1760	1	CHP	2	1756.500	-39.96	-13	Pass

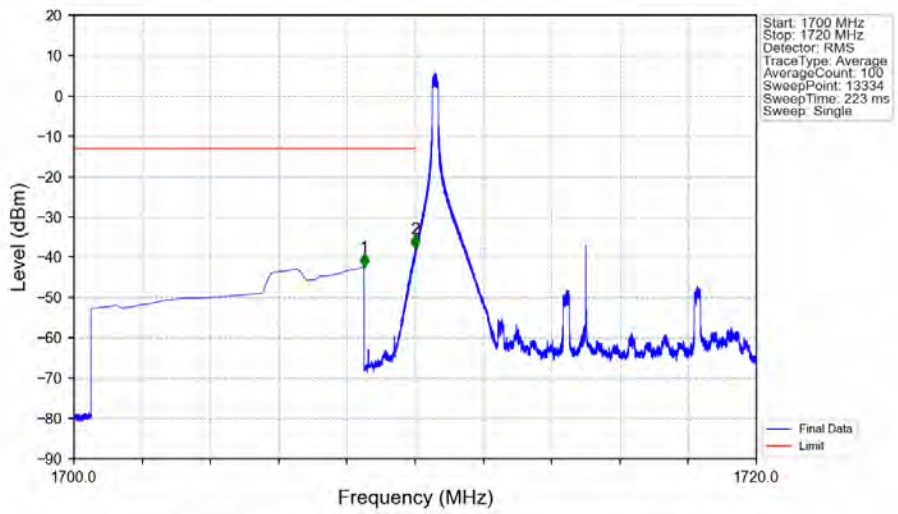
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.05	CHP	/	/	/	/	/
1755	1756	0.05	CHP	1	1755.010	-35.67	-13	Pass
1756	1760	1	CHP	2	1756.500	-34.66	-13	Pass

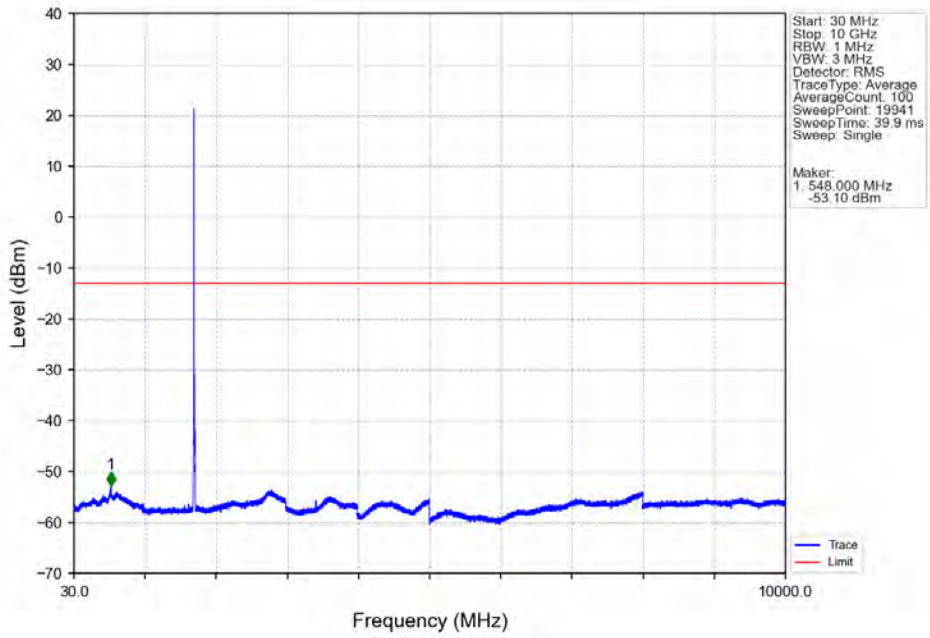
5.2.4 B4_10MHz

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

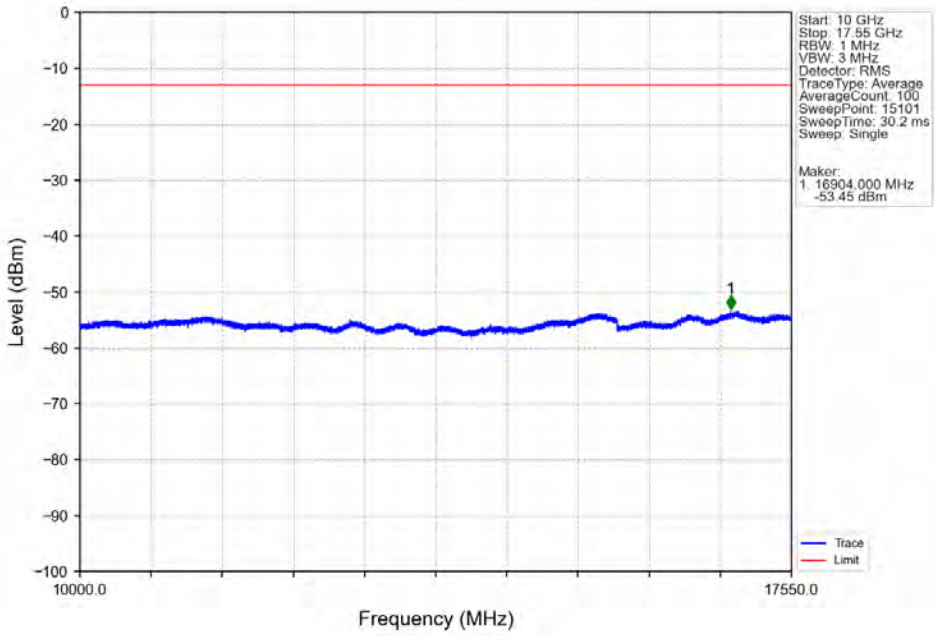


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-42.39	-13	Pass
1709	1710	0.003	/	2	1709.998	-37.81	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

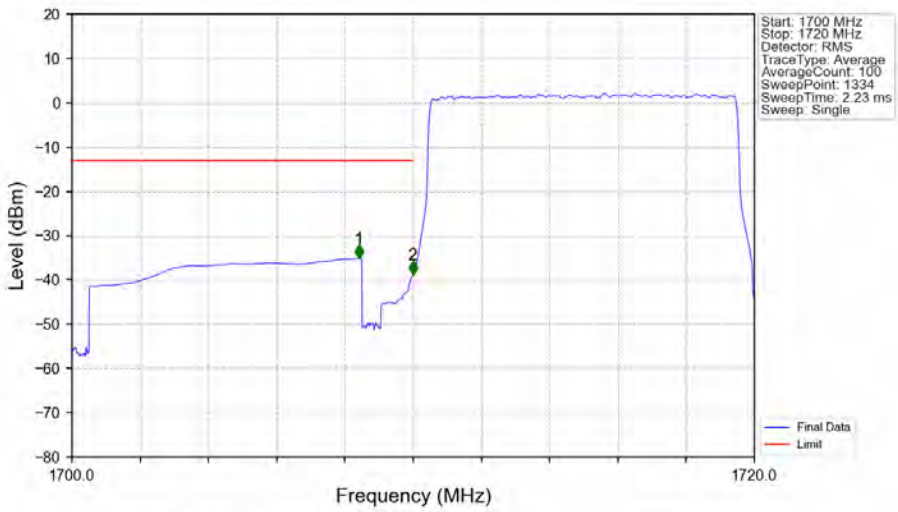
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

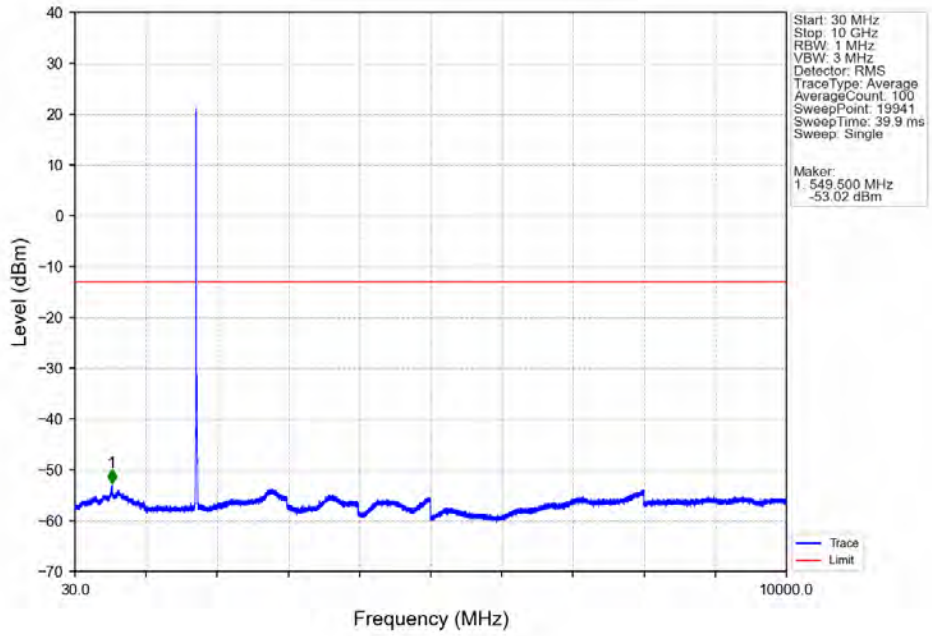


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

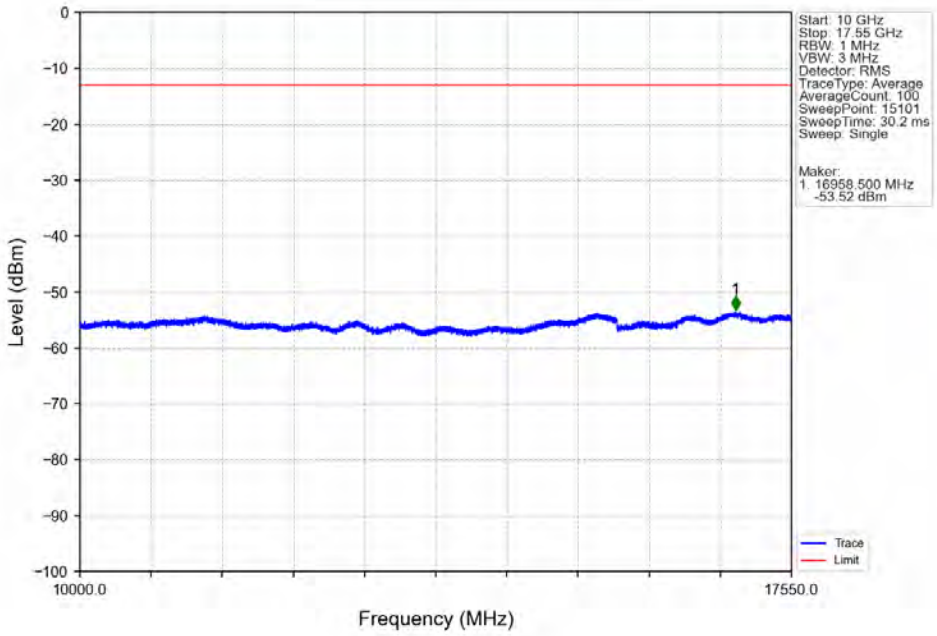


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.417	-35.09	-13	Pass
1709	1710	0.097	CHP	2	1709.992	-38.86	-13	Pass
1710	1720	0.097	CHP	/	/	/	/	/

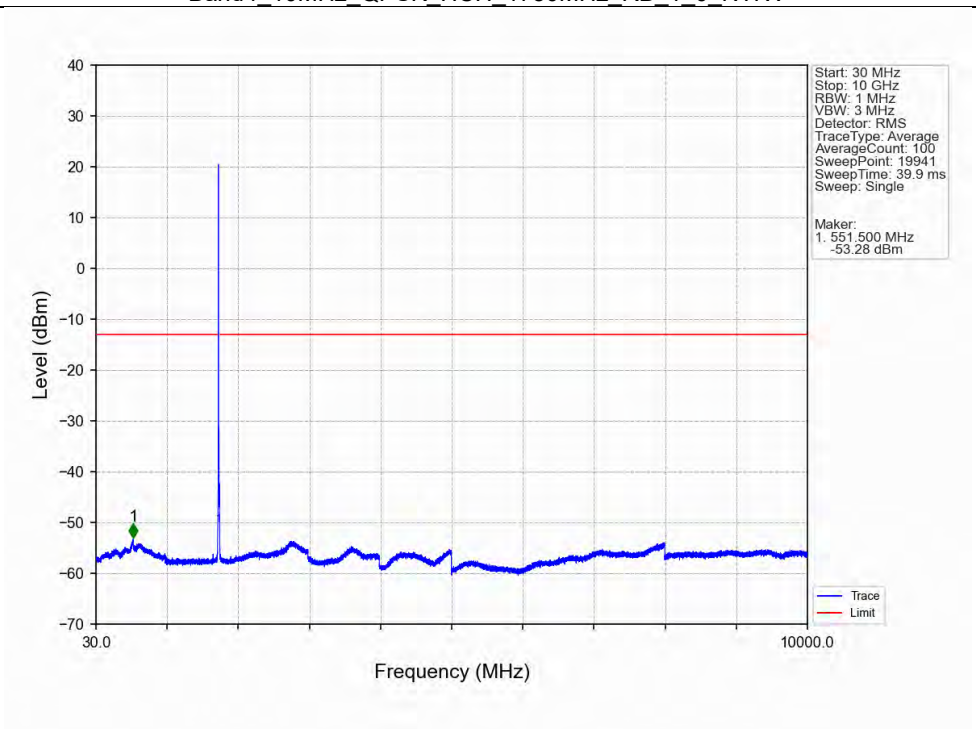
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



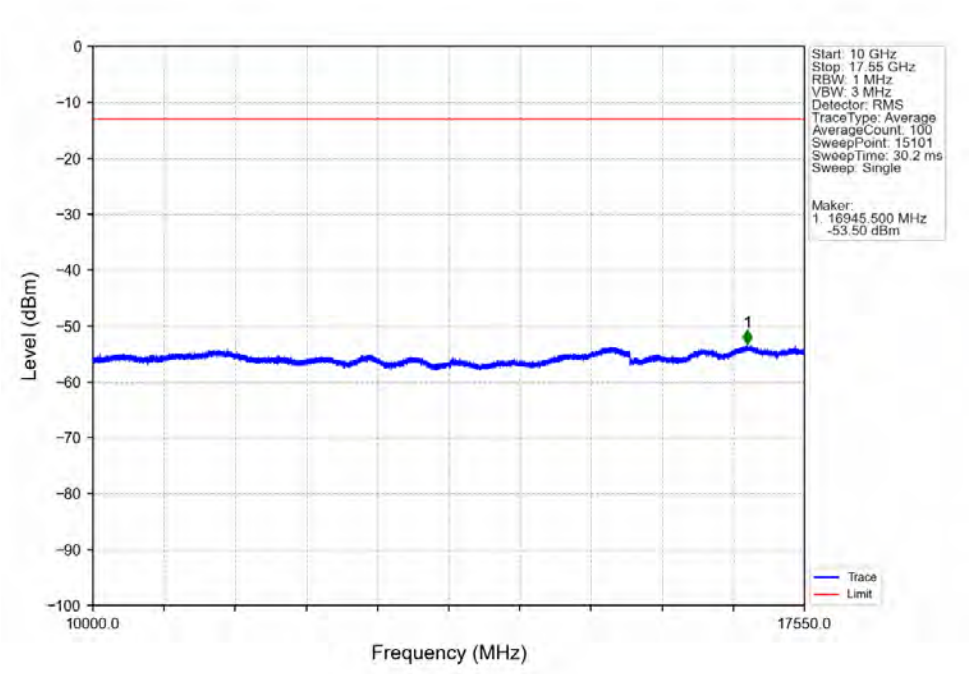
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



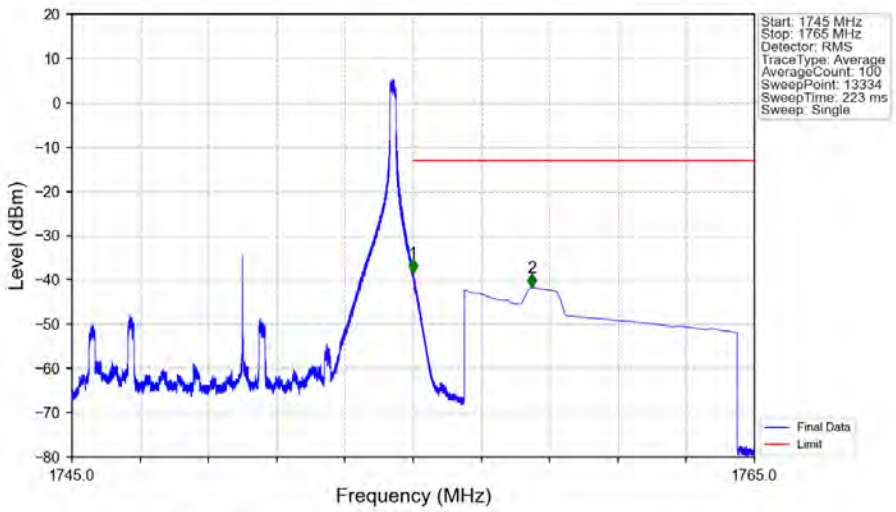
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

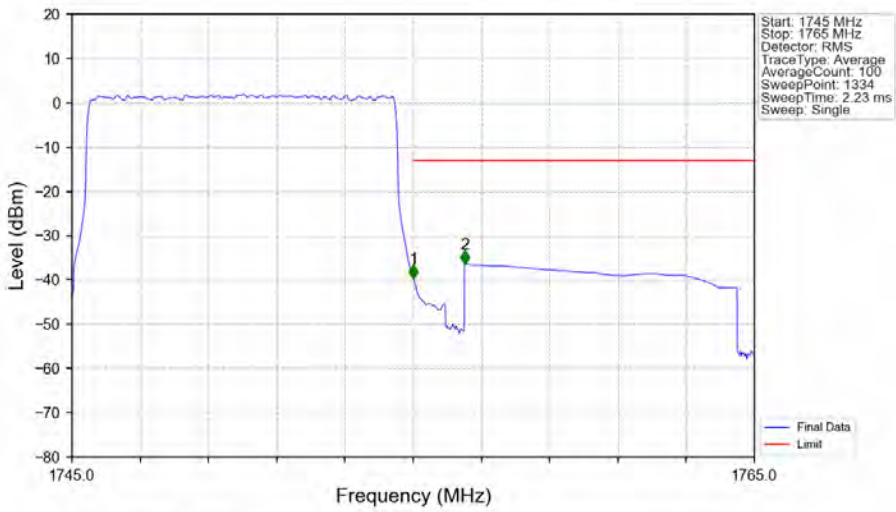


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



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	1755.001	-38.43	-13	Pass
1756	1765	1	CHP	2	1758.473	-41.75	-13	Pass

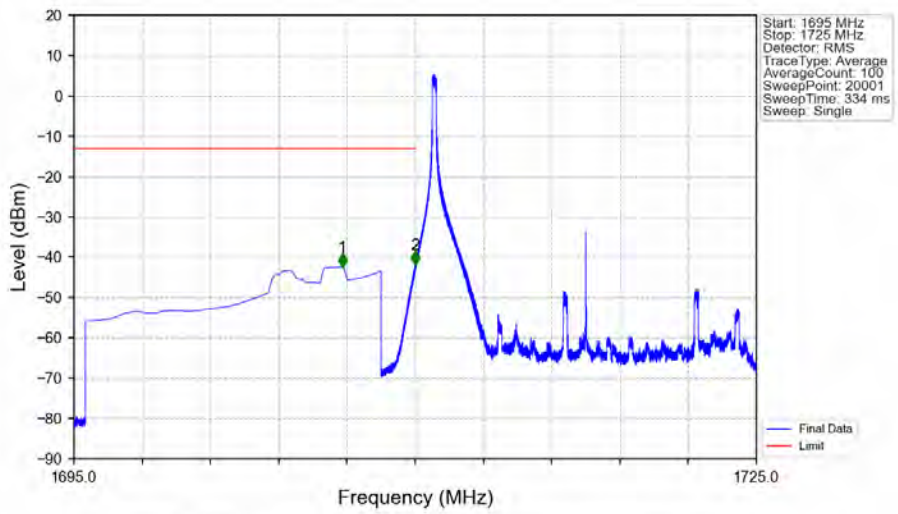
Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.098	CHP	/	/	/	/	/
1755	1756	0.098	CHP	1	1755.008	-39.75	-13	Pass
1756	1765	1	CHP	2	1756.508	-36.38	-13	Pass

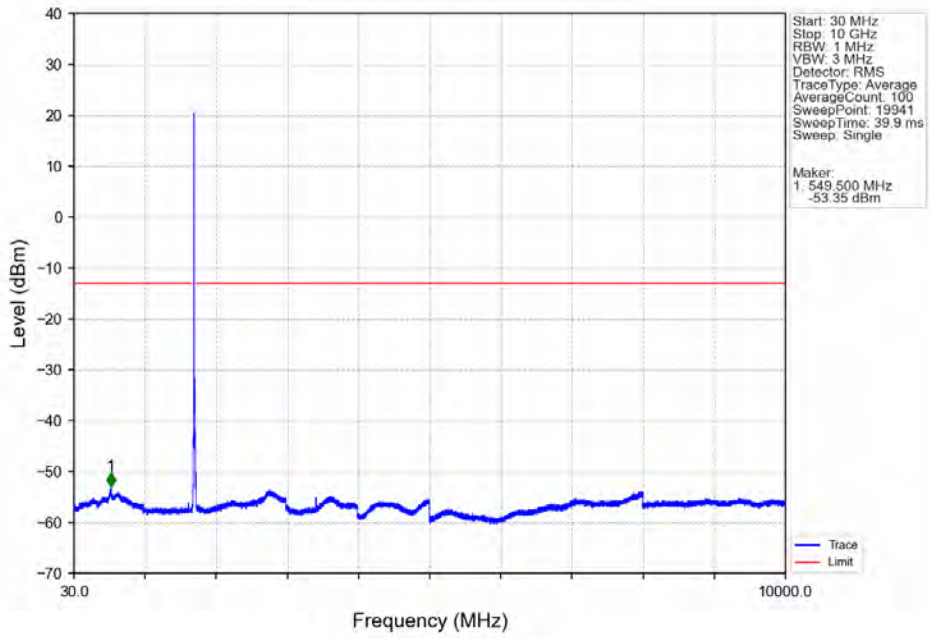
5.2.5 B4_15MHz

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

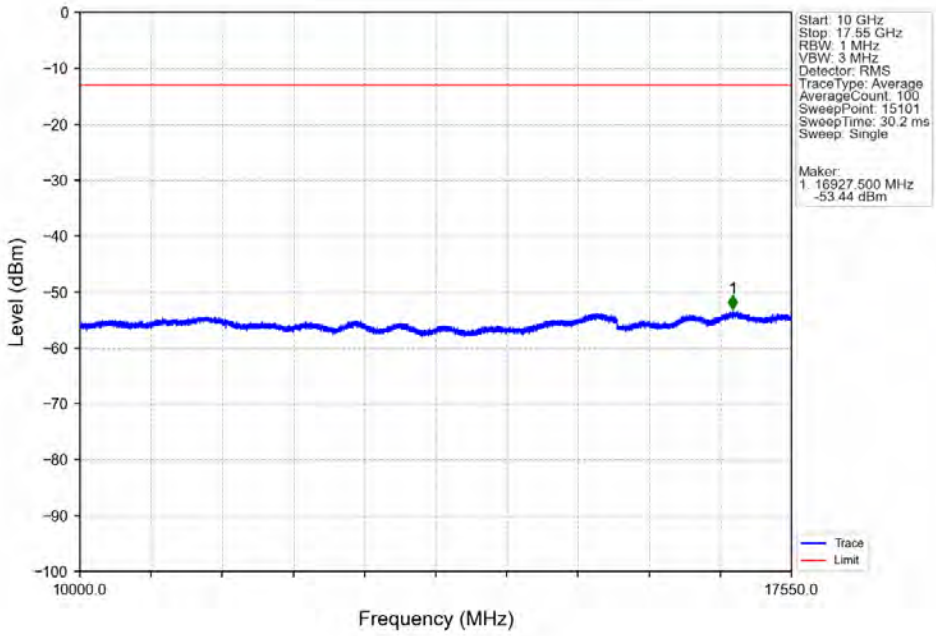


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1706.797	-42.44	-13	Pass
1709	1710	0.003	/	2	1709.994	-41.90	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

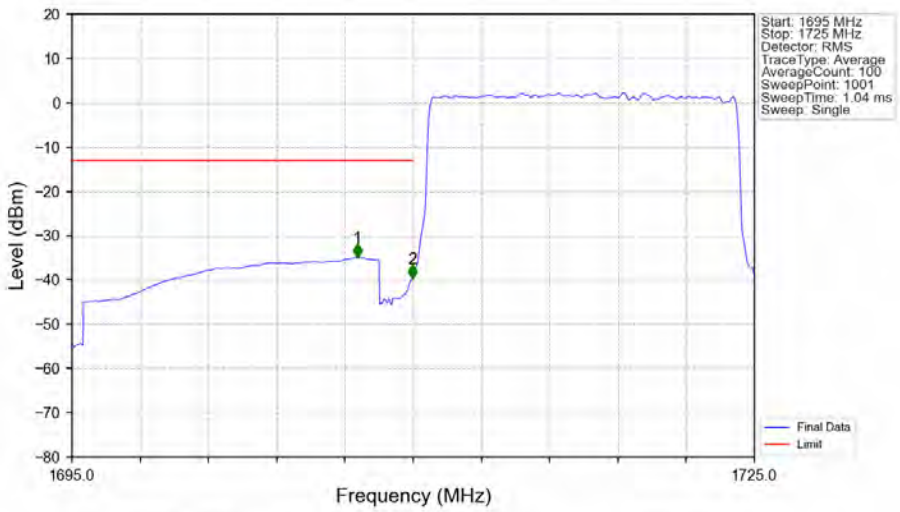
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

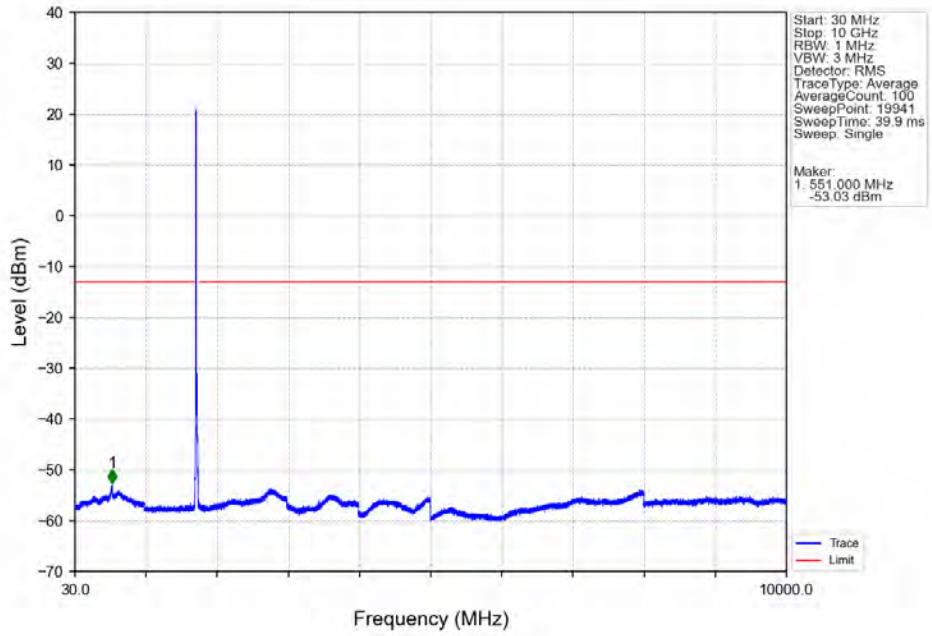


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

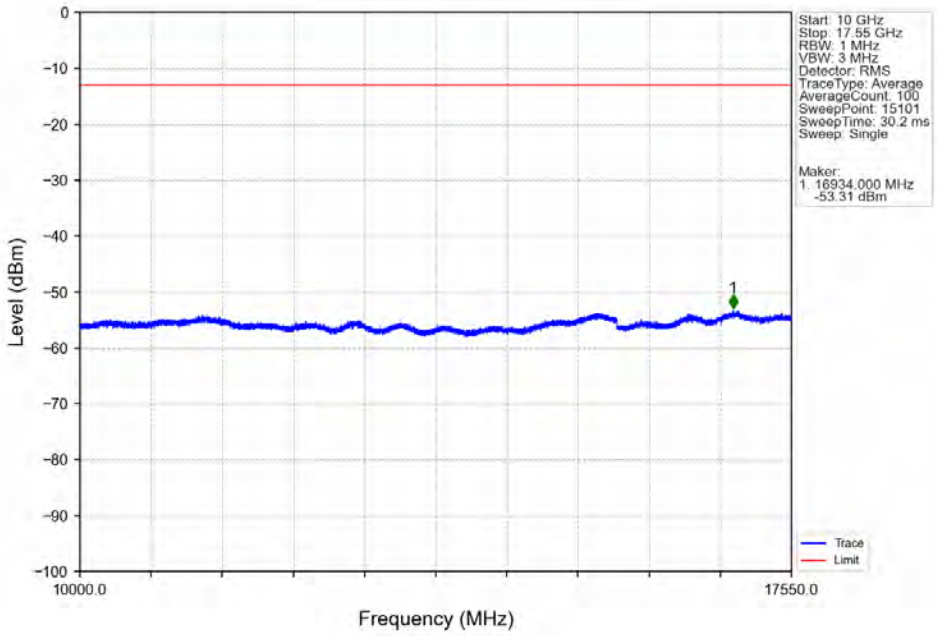


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.540	-34.95	-13	Pass
1709	1710	0.145	CHP	2	1709.970	-39.64	-13	Pass
1710	1725	0.145	CHP	/	/	/	/	/

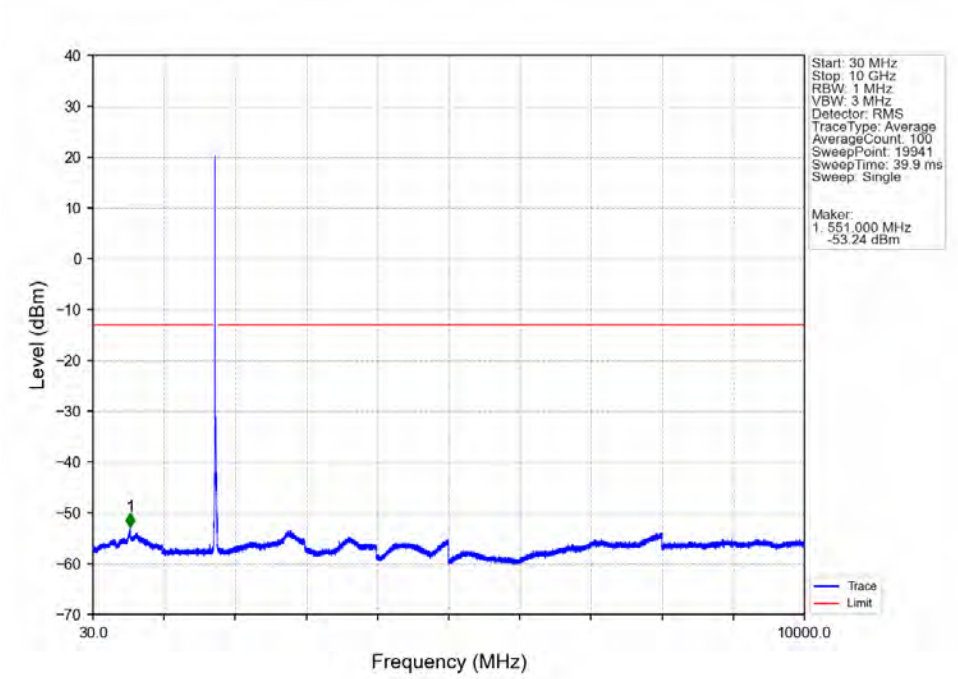
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



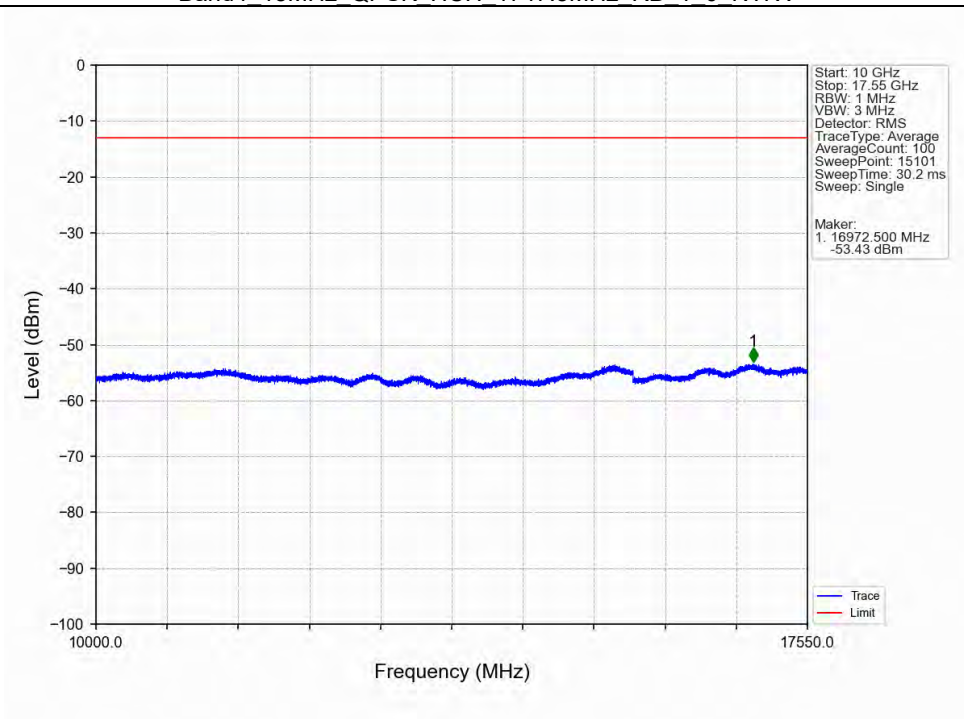
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



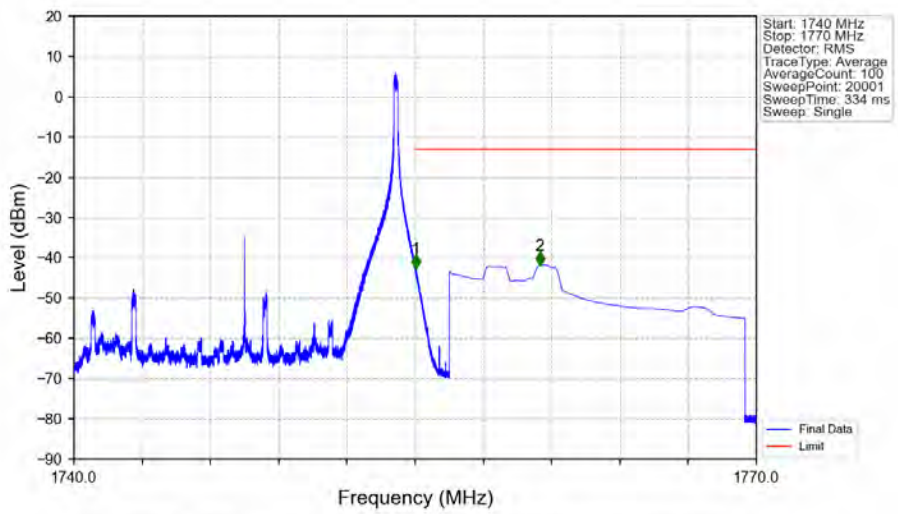
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

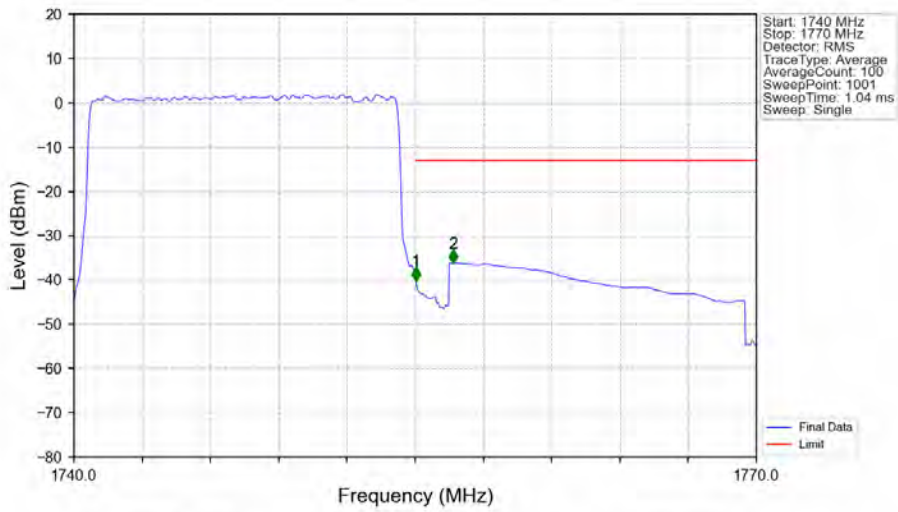


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



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	1755.032	-42.57	-13	Pass
1756	1770	1	CHP	2	1760.484	-41.79	-13	Pass

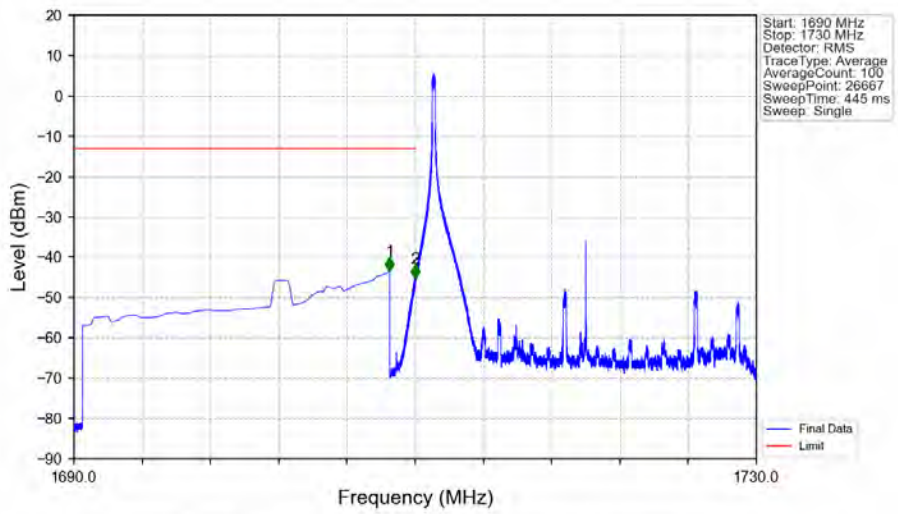
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.146	CHP	/	/	/	/	/
1755	1756	0.146	CHP	1	1755.030	-40.31	-13	Pass
1756	1770	1	CHP	2	1756.680	-36.17	-13	Pass

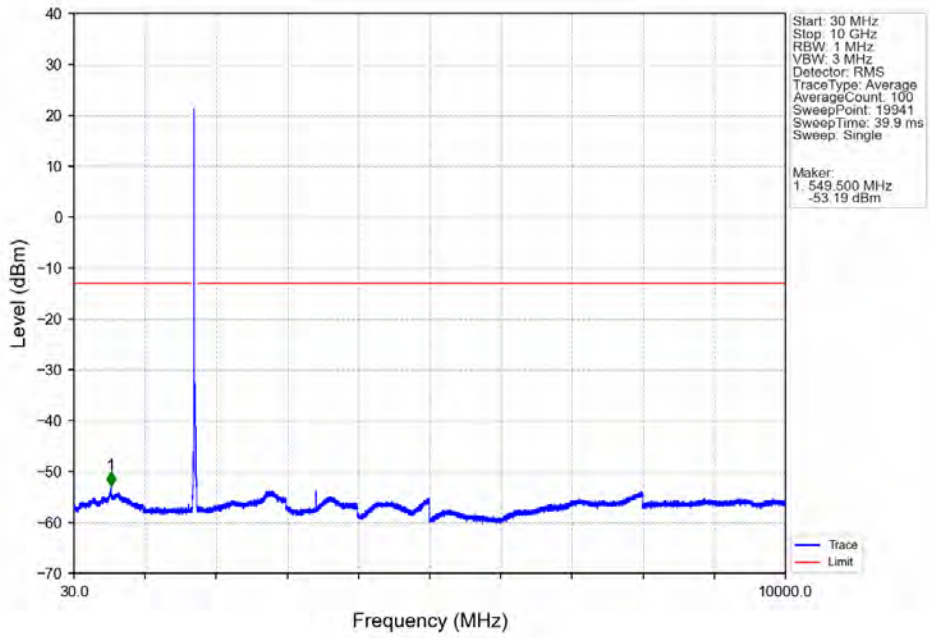
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

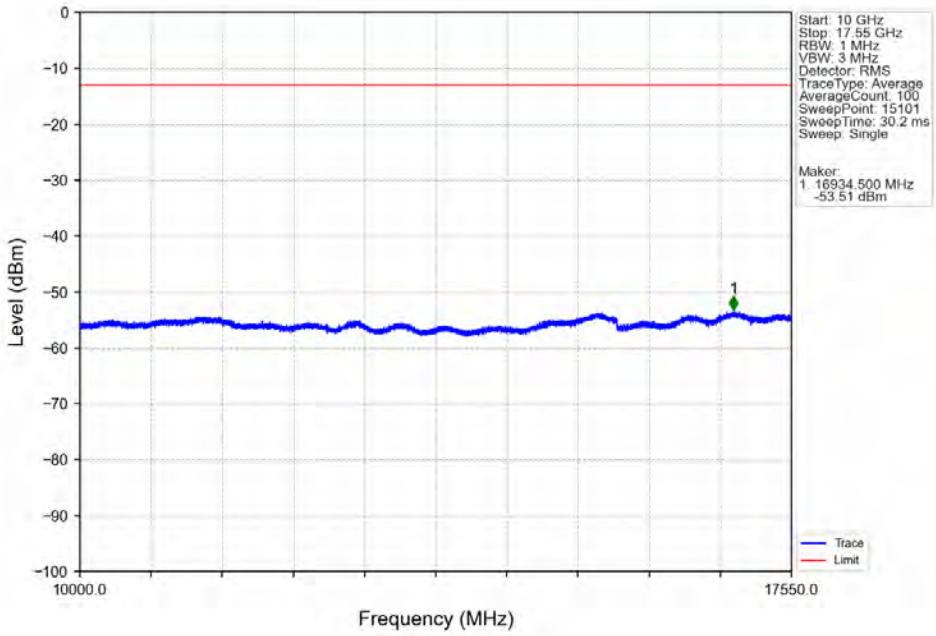


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.500	-43.38	-13	Pass
1709	1710	0.003	/	2	1709.994	-45.21	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

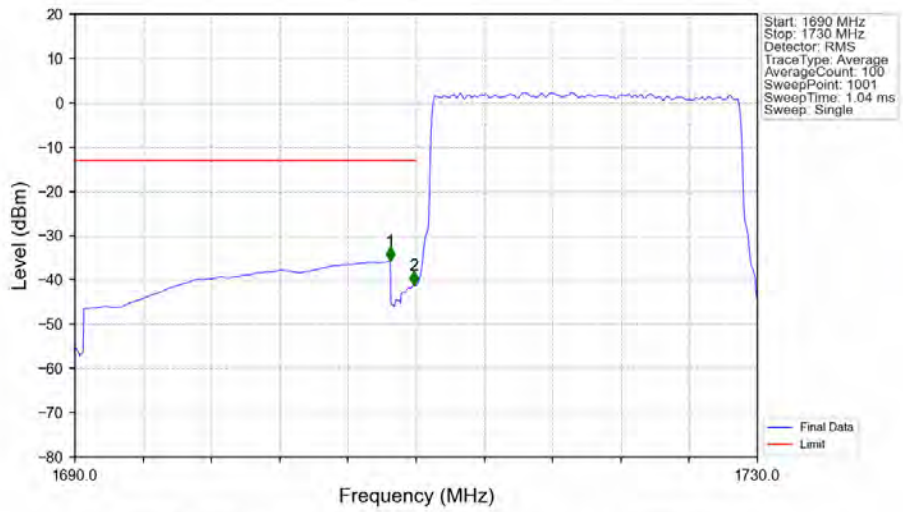
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

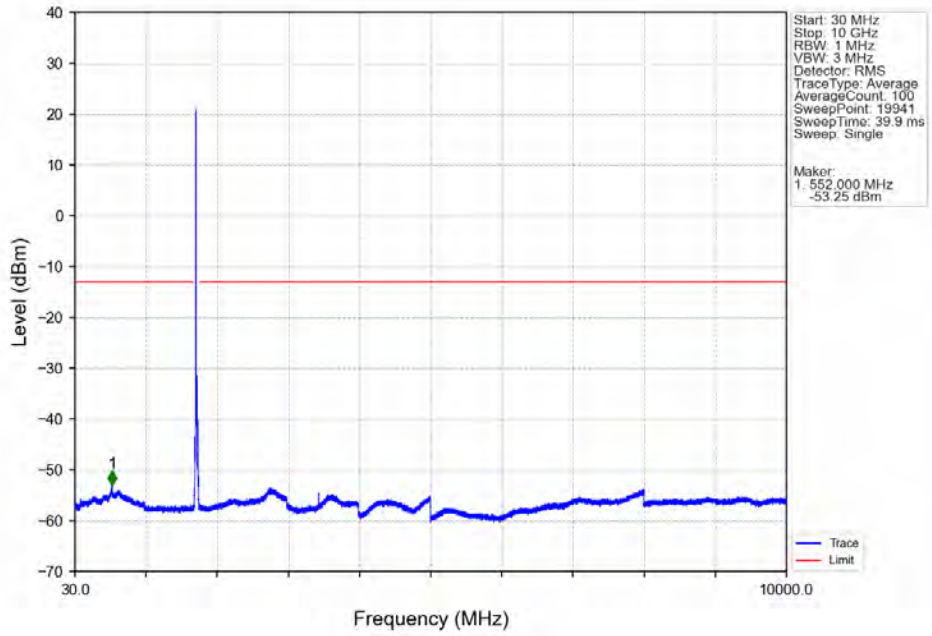


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

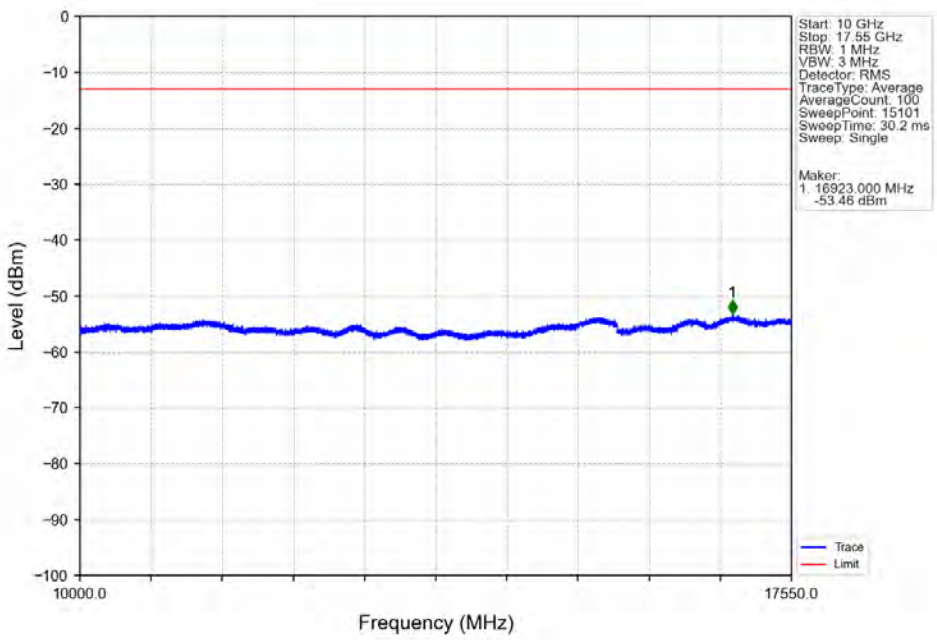


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-35.68	-13	Pass
1709	1710	0.193	CHP	2	1709.880	-41.21	-13	Pass
1710	1730	0.193	CHP	/	/	/	/	/

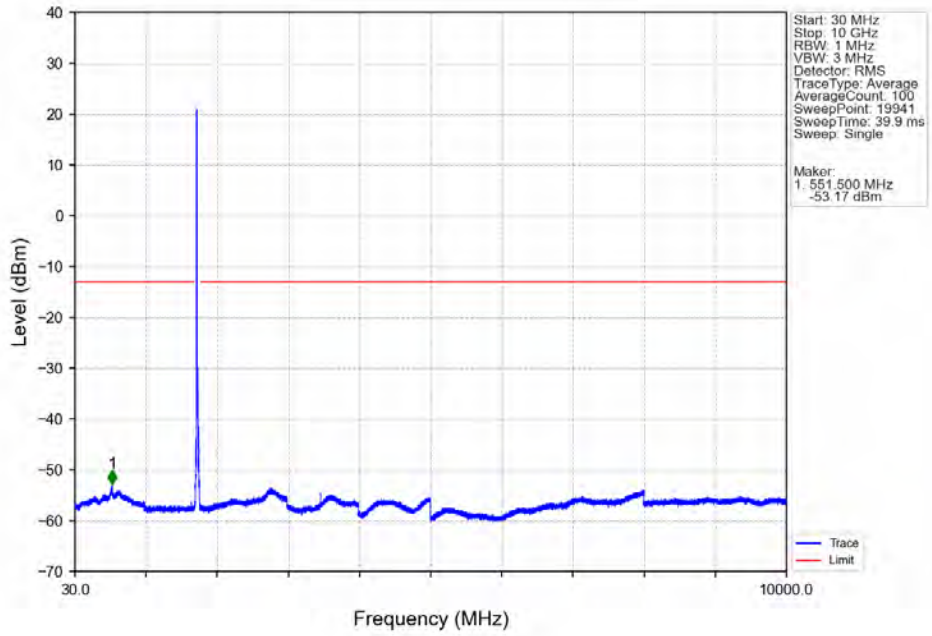
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



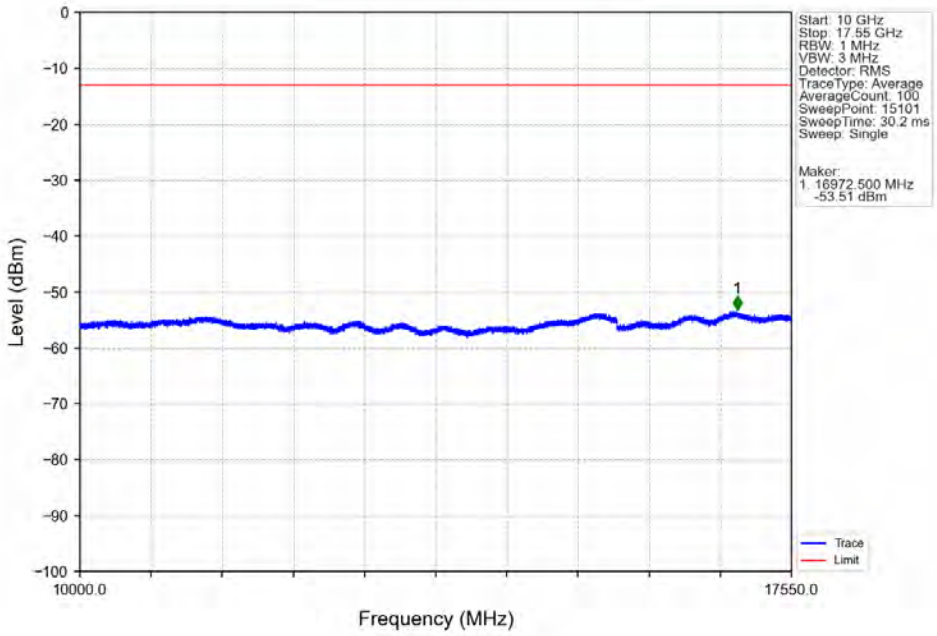
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



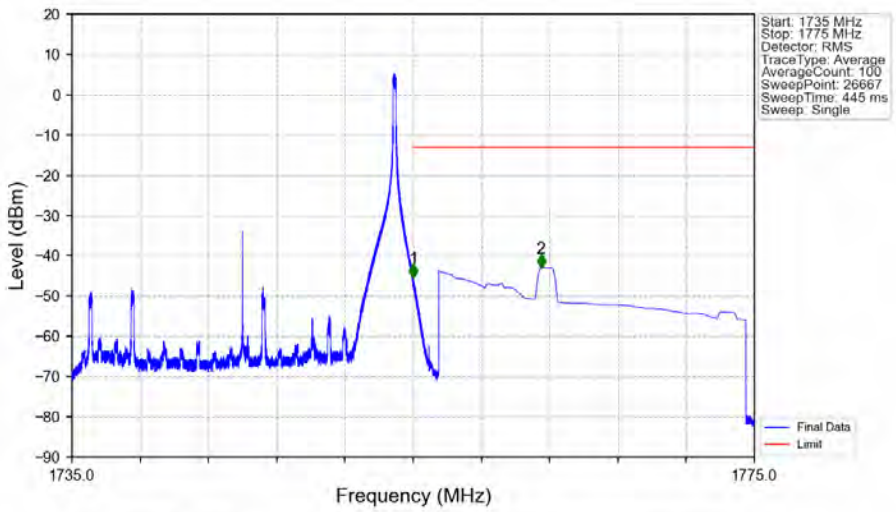
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

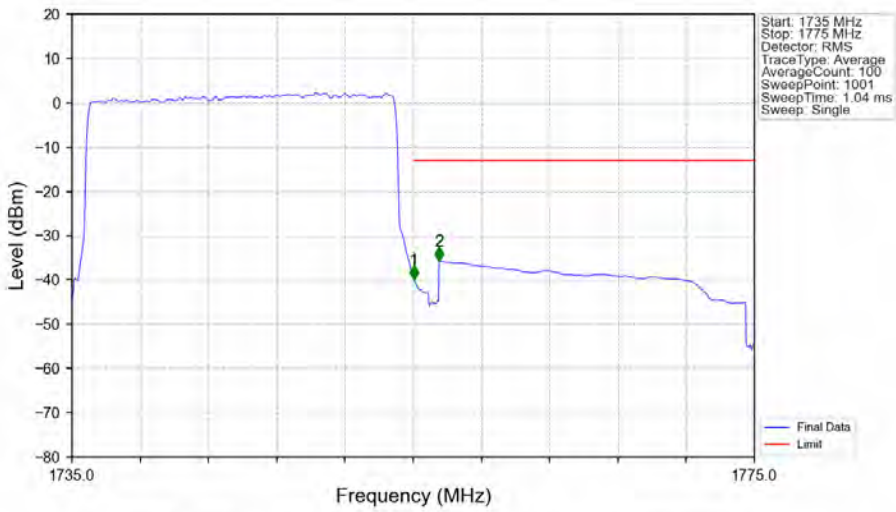


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



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	-45.47	-13	Pass
1756	1775	1	CHP	2	1762.496	-43.04	-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	0.195	CHP	/	/	/	/	/
1755	1756	0.195	CHP	1	1755.040	-39.92	-13	Pass
1756	1775	1	CHP	2	1756.520	-35.75	-13	Pass

6. Field Strength of Spurious Radiation

For Sample 1

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	4898.25	41.99	-45.53	31.24	-67.56	-13.00	54.56	Horizontal
2	5718.75	42.04	-44.83	32.34	-65.71	-13.00	52.71	Horizontal
3	6805.5	41.09	-44.17	34.65	-63.69	-13.00	50.69	Horizontal
4	7603.5	40.64	-42.94	36.54	-61.01	-13.00	48.01	Horizontal
5	9760.5	35.85	-39.46	38.02	-60.85	-13.00	47.85	Horizontal
6	11773.5	34.07	-36.95	38.99	-59.15	-13.00	46.15	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3801.75	41.96	-45.93	29.08	-70.14	-13.00	57.14	Vertical
2	5734.5	40.80	-44.82	32.35	-66.93	-13.00	53.93	Vertical
3	6663.75	39.73	-44.01	34.39	-65.14	-13.00	52.14	Vertical
4	8037	37.65	-41.98	37.08	-62.52	-13.00	49.52	Vertical
5	10664.25	33.92	-38.09	38.57	-60.86	-13.00	47.86	Vertical
6	10959.75	33.43	-37.83	38.60	-61.06	-13.00	48.06	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	4270.5	42.83	-45.61	30.05	-67.99	-13.00	54.99	Horizontal
2	5257.5	42.04	-45.17	31.86	-66.53	-13.00	53.53	Horizontal
3	5981.25	42.35	-44.86	32.40	-65.37	-13.00	52.37	Horizontal
4	6982.5	40.98	-43.65	34.97	-62.96	-13.00	49.96	Horizontal
5	8553	37.88	-41.47	36.77	-62.08	-13.00	49.08	Horizontal
6	10539	35.20	-38.67	38.55	-60.18	-13.00	47.18	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4290	42.42	-45.56	30.10	-68.31	-13.00	55.31	Vertical
2	5742	41.20	-44.81	32.35	-66.52	-13.00	53.52	Vertical
3	6678.75	40.22	-43.92	34.42	-64.54	-13.00	51.54	Vertical
4	8087.25	37.58	-41.49	37.05	-62.12	-13.00	49.12	Vertical
5	9921.75	34.89	-39.31	38.34	-61.34	-13.00	48.34	Vertical
6	12202.5	33.72	-37.49	39.16	-59.87	-13.00	46.87	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	4264.5	42.94	-45.62	30.03	-67.91	-13.00	54.91	Horizontal
2	5814.75	42.02	-44.78	32.36	-65.66	-13.00	52.66	Horizontal
3	6668.25	40.72	-43.98	34.40	-64.12	-13.00	51.12	Horizontal
4	8036.25	38.47	-41.99	37.08	-61.70	-13.00	48.70	Horizontal
5	9984	36.01	-39.25	38.47	-60.04	-13.00	47.04	Horizontal
6	12152.25	34.68	-37.42	39.15	-58.85	-13.00	45.85	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4455	41.55	-45.76	30.49	-68.98	-13.00	55.98	Vertical
2	5241.75	40.93	-45.20	31.84	-67.70	-13.00	54.70	Vertical
3	6327	40.67	-44.50	33.51	-65.58	-13.00	52.58	Vertical
4	7572.75	38.79	-42.99	36.50	-62.96	-13.00	49.96	Vertical
5	8545.5	36.50	-41.49	36.77	-63.48	-13.00	50.48	Vertical
6	10689.75	33.35	-37.94	38.57	-61.28	-13.00	48.28	Vertical