

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	21.78	-2.10	19.68	<=30	Pass
			2	21.79	-2.10	19.69	<=30	Pass
			5	21.83	-2.10	19.73	<=30	Pass
		3	0	21.81	-2.10	19.71	<=30	Pass
			2	21.77	-2.10	19.67	<=30	Pass
			3	21.79	-2.10	19.69	<=30	Pass
		6	0	20.82	-2.10	18.72	<=30	Pass
	1732.5	1	0	21.84	-2.10	19.74	<=30	Pass
			2	21.87	-2.10	19.77	<=30	Pass
			5	21.72	-2.10	19.62	<=30	Pass
		3	0	21.72	-2.10	19.62	<=30	Pass
			2	21.83	-2.10	19.73	<=30	Pass
			3	21.83	-2.10	19.73	<=30	Pass
		6	0	20.82	-2.10	18.72	<=30	Pass
	1754.3	1	0	21.85	-2.10	19.75	<=30	Pass
			2	21.74	-2.10	19.64	<=30	Pass
			5	21.79	-2.10	19.69	<=30	Pass
		3	0	21.74	-2.10	19.64	<=30	Pass
			2	21.71	-2.10	19.61	<=30	Pass
			3	21.75	-2.10	19.65	<=30	Pass
		6	0	20.75	-2.10	18.65	<=30	Pass
16QAM	1710.7	1	0	21.04	-2.10	18.94	<=30	Pass
			2	21.03	-2.10	18.93	<=30	Pass
			5	21.06	-2.10	18.96	<=30	Pass
		3	0	20.69	-2.10	18.59	<=30	Pass
			2	20.75	-2.10	18.65	<=30	Pass
			3	20.78	-2.10	18.68	<=30	Pass
		6	0	19.92	-2.10	17.82	<=30	Pass
	1732.5	1	0	21.19	-2.10	19.09	<=30	Pass
			2	21.16	-2.10	19.06	<=30	Pass
			5	20.97	-2.10	18.87	<=30	Pass
		3	0	20.87	-2.10	18.77	<=30	Pass
			2	20.76	-2.10	18.66	<=30	Pass
			3	20.73	-2.10	18.63	<=30	Pass
		6	0	19.93	-2.10	17.83	<=30	Pass
	1754.3	1	0	21.00	-2.10	18.90	<=30	Pass
			2	20.43	-2.10	18.33	<=30	Pass
			5	20.89	-2.10	18.79	<=30	Pass
		3	0	20.72	-2.10	18.62	<=30	Pass
			2	20.69	-2.10	18.59	<=30	Pass
			3	20.80	-2.10	18.70	<=30	Pass
		6	0	19.80	-2.10	17.70	<=30	Pass
64QAM	1710.7	1	0	19.87	-2.10	17.77	<=30	Pass
			2	19.96	-2.10	17.86	<=30	Pass
			5	20.06	-2.10	17.96	<=30	Pass
		3	0	19.87	-2.10	17.77	<=30	Pass
			2	19.87	-2.10	17.77	<=30	Pass
			3	19.80	-2.10	17.70	<=30	Pass
		6	0	18.75	-2.10	16.65	<=30	Pass

	1732.5	1	0	19.88	-2.10	17.78	<=30	Pass
			2	20.06	-2.10	17.96	<=30	Pass
			5	19.80	-2.10	17.70	<=30	Pass
		3	0	19.87	-2.10	17.77	<=30	Pass
			2	19.88	-2.10	17.78	<=30	Pass
			3	19.91	-2.10	17.81	<=30	Pass
		6	0	18.83	-2.10	16.73	<=30	Pass
	1754.3	1	0	19.87	-2.10	17.77	<=30	Pass
			2	19.83	-2.10	17.73	<=30	Pass
			5	19.81	-2.10	17.71	<=30	Pass
		3	0	19.87	-2.10	17.77	<=30	Pass
			2	19.86	-2.10	17.76	<=30	Pass
			3	19.81	-2.10	17.71	<=30	Pass
		6	0	18.70	-2.10	16.60	<=30	Pass
256QAM	1710.7	1	0	16.83	-2.10	14.73	<=30	Pass
			2	16.85	-2.10	14.75	<=30	Pass
			5	16.82	-2.10	14.72	<=30	Pass
		3	0	16.77	-2.10	14.67	<=30	Pass
			2	16.74	-2.10	14.64	<=30	Pass
			3	16.82	-2.10	14.72	<=30	Pass
		6	0	16.69	-2.10	14.59	<=30	Pass
	1732.5	1	0	16.88	-2.10	14.78	<=30	Pass
			2	16.86	-2.10	14.76	<=30	Pass
			5	16.84	-2.10	14.74	<=30	Pass
		3	0	16.88	-2.10	14.78	<=30	Pass
			2	16.84	-2.10	14.74	<=30	Pass
			3	16.88	-2.10	14.78	<=30	Pass
	6	0	16.70	-2.10	14.60	<=30	Pass	
	1754.3	1	0	16.78	-2.10	14.68	<=30	Pass
			2	16.75	-2.10	14.65	<=30	Pass
			5	16.82	-2.10	14.72	<=30	Pass
		3	0	16.78	-2.10	14.68	<=30	Pass
			2	16.87	-2.10	14.77	<=30	Pass
			3	16.84	-2.10	14.74	<=30	Pass
		6	0	16.65	-2.10	14.55	<=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	21.70	-2.10	19.60	<=30	Pass
			7	21.77	-2.10	19.67	<=30	Pass
			14	21.40	-2.10	19.30	<=30	Pass
		8	0	20.75	-2.10	18.65	<=30	Pass
			4	20.78	-2.10	18.68	<=30	Pass
			7	20.80	-2.10	18.70	<=30	Pass
		15	0	20.80	-2.10	18.70	<=30	Pass
	1732.5	1	0	21.82	-2.10	19.72	<=30	Pass
			7	21.85	-2.10	19.75	<=30	Pass
			14	21.75	-2.10	19.65	<=30	Pass
		8	0	20.86	-2.10	18.76	<=30	Pass
			4	20.82	-2.10	18.72	<=30	Pass
			7	20.82	-2.10	18.72	<=30	Pass
	1753.5	15	0	20.81	-2.10	18.71	<=30	Pass
	1753.5	1	0	21.79	-2.10	19.69	<=30	Pass

		8	7	21.83	-2.10	19.73	<=30	Pass
			14	21.80	-2.10	19.70	<=30	Pass
			0	20.79	-2.10	18.69	<=30	Pass
			4	20.79	-2.10	18.69	<=30	Pass
			7	20.79	-2.10	18.69	<=30	Pass
		15	0	20.78	-2.10	18.68	<=30	Pass
16QAM	1711.5	1	0	20.92	-2.10	18.82	<=30	Pass
			7	21.01	-2.10	18.91	<=30	Pass
			14	20.91	-2.10	18.81	<=30	Pass
		8	0	19.88	-2.10	17.78	<=30	Pass
			4	19.86	-2.10	17.76	<=30	Pass
			7	19.86	-2.10	17.76	<=30	Pass
		15	0	19.80	-2.10	17.70	<=30	Pass
	1732.5	1	0	20.83	-2.10	18.73	<=30	Pass
			7	21.22	-2.10	19.12	<=30	Pass
			14	20.55	-2.10	18.45	<=30	Pass
		8	0	19.91	-2.10	17.81	<=30	Pass
			4	19.86	-2.10	17.76	<=30	Pass
			7	19.85	-2.10	17.75	<=30	Pass
		15	0	19.79	-2.10	17.69	<=30	Pass
	1753.5	1	0	20.98	-2.10	18.88	<=30	Pass
			7	20.93	-2.10	18.83	<=30	Pass
			14	20.92	-2.10	18.82	<=30	Pass
		8	0	19.88	-2.10	17.78	<=30	Pass
			4	19.81	-2.10	17.71	<=30	Pass
			7	19.76	-2.10	17.66	<=30	Pass
		15	0	19.79	-2.10	17.69	<=30	Pass
64QAM	1711.5	1	0	19.61	-2.10	17.51	<=30	Pass
			7	20.05	-2.10	17.95	<=30	Pass
			14	19.79	-2.10	17.69	<=30	Pass
		8	0	18.83	-2.10	16.73	<=30	Pass
			4	18.80	-2.10	16.70	<=30	Pass
			7	18.87	-2.10	16.77	<=30	Pass
		15	0	18.76	-2.10	16.66	<=30	Pass
	1732.5	1	0	19.74	-2.10	17.64	<=30	Pass
			7	20.13	-2.10	18.03	<=30	Pass
			14	19.96	-2.10	17.86	<=30	Pass
		8	0	18.93	-2.10	16.83	<=30	Pass
			4	18.88	-2.10	16.78	<=30	Pass
			7	18.85	-2.10	16.75	<=30	Pass
		15	0	18.78	-2.10	16.68	<=30	Pass
	1753.5	1	0	19.98	-2.10	17.88	<=30	Pass
			7	19.86	-2.10	17.76	<=30	Pass
			14	19.82	-2.10	17.72	<=30	Pass
		8	0	18.90	-2.10	16.80	<=30	Pass
			4	18.82	-2.10	16.72	<=30	Pass
			7	18.84	-2.10	16.74	<=30	Pass
		15	0	18.78	-2.10	16.68	<=30	Pass
256QAM	1711.5	1	0	16.82	-2.10	14.72	<=30	Pass
			7	16.63	-2.10	14.53	<=30	Pass
			14	16.82	-2.10	14.72	<=30	Pass
		8	0	16.64	-2.10	14.54	<=30	Pass
			4	16.75	-2.10	14.65	<=30	Pass
			7	16.75	-2.10	14.65	<=30	Pass
		15	0	16.79	-2.10	14.69	<=30	Pass
	1732.5	1	0	16.83	-2.10	14.73	<=30	Pass
			7	16.93	-2.10	14.83	<=30	Pass
			14	16.81	-2.10	14.71	<=30	Pass
		8	0	16.68	-2.10	14.58	<=30	Pass

			4	16.84	-2.10	14.74	<=30	Pass
			7	16.59	-2.10	14.49	<=30	Pass
		15	0	16.77	-2.10	14.67	<=30	Pass
	1753.5	1	0	16.80	-2.10	14.70	<=30	Pass
			7	16.72	-2.10	14.62	<=30	Pass
			14	16.85	-2.10	14.75	<=30	Pass
		8	0	16.52	-2.10	14.42	<=30	Pass
			4	16.74	-2.10	14.64	<=30	Pass
			7	16.77	-2.10	14.67	<=30	Pass
		15	0	16.79	-2.10	14.69	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	21.84	-2.10	19.74	<=30	Pass
			13	21.88	-2.10	19.78	<=30	Pass
			24	21.93	-2.10	19.83	<=30	Pass
		12	0	20.90	-2.10	18.80	<=30	Pass
			6	20.88	-2.10	18.78	<=30	Pass
			13	20.89	-2.10	18.79	<=30	Pass
		25	0	20.92	-2.10	18.82	<=30	Pass
	1732.5	1	0	21.94	-2.10	19.84	<=30	Pass
			13	21.92	-2.10	19.82	<=30	Pass
			24	21.92	-2.10	19.82	<=30	Pass
		12	0	20.88	-2.10	18.78	<=30	Pass
			6	20.87	-2.10	18.77	<=30	Pass
			13	20.89	-2.10	18.79	<=30	Pass
		25	0	20.94	-2.10	18.84	<=30	Pass
	1752.5	1	0	21.86	-2.10	19.76	<=30	Pass
			13	21.88	-2.10	19.78	<=30	Pass
			24	21.80	-2.10	19.70	<=30	Pass
		12	0	20.88	-2.10	18.78	<=30	Pass
			6	20.85	-2.10	18.75	<=30	Pass
			13	20.85	-2.10	18.75	<=30	Pass
		25	0	20.90	-2.10	18.80	<=30	Pass
16QAM	1712.5	1	0	21.18	-2.10	19.08	<=30	Pass
			13	21.01	-2.10	18.91	<=30	Pass
			24	21.07	-2.10	18.97	<=30	Pass
		12	0	19.84	-2.10	17.74	<=30	Pass
			6	19.87	-2.10	17.77	<=30	Pass
			13	19.86	-2.10	17.76	<=30	Pass
		25	0	19.92	-2.10	17.82	<=30	Pass
	1732.5	1	0	21.15	-2.10	19.05	<=30	Pass
			13	21.17	-2.10	19.07	<=30	Pass
			24	21.07	-2.10	18.97	<=30	Pass
		12	0	19.82	-2.10	17.72	<=30	Pass
			6	19.88	-2.10	17.78	<=30	Pass
			13	19.88	-2.10	17.78	<=30	Pass
		25	0	19.96	-2.10	17.86	<=30	Pass
	1752.5	1	0	21.04	-2.10	18.94	<=30	Pass
			13	20.90	-2.10	18.80	<=30	Pass
			24	20.96	-2.10	18.86	<=30	Pass
		12	0	19.83	-2.10	17.73	<=30	Pass
			6	19.87	-2.10	17.77	<=30	Pass

			13	19.89	-2.10	17.79	<=30	Pass	
		25	0	19.84	-2.10	17.74	<=30	Pass	
64QAM	1712.5	1	0	20.00	-2.10	17.90	<=30	Pass	
			13	20.01	-2.10	17.91	<=30	Pass	
			24	20.08	-2.10	17.98	<=30	Pass	
			0	18.90	-2.10	16.80	<=30	Pass	
		12	6	18.89	-2.10	16.79	<=30	Pass	
			13	18.96	-2.10	16.86	<=30	Pass	
			0	18.90	-2.10	16.80	<=30	Pass	
		25	0	18.89	-2.10	16.79	<=30	Pass	
		1732.5	1	0	20.06	-2.10	17.96	<=30	Pass
				13	20.02	-2.10	17.92	<=30	Pass
	24			20.11	-2.10	18.01	<=30	Pass	
	0			18.95	-2.10	16.85	<=30	Pass	
	12		6	18.91	-2.10	16.81	<=30	Pass	
			13	18.89	-2.10	16.79	<=30	Pass	
			0	18.89	-2.10	16.79	<=30	Pass	
	1752.5	1	0	19.82	-2.10	17.72	<=30	Pass	
			13	19.92	-2.10	17.82	<=30	Pass	
			24	20.08	-2.10	17.98	<=30	Pass	
			0	18.89	-2.10	16.79	<=30	Pass	
		12	6	18.89	-2.10	16.79	<=30	Pass	
			13	18.88	-2.10	16.78	<=30	Pass	
			0	18.84	-2.10	16.74	<=30	Pass	
		256QAM	1712.5	1	0	16.93	-2.10	14.83	<=30
13					16.91	-2.10	14.81	<=30	Pass
24					16.89	-2.10	14.79	<=30	Pass
12	0			16.81	-2.10	14.71	<=30	Pass	
	6			16.87	-2.10	14.77	<=30	Pass	
	13			16.84	-2.10	14.74	<=30	Pass	
25	0			16.87	-2.10	14.77	<=30	Pass	
1732.5	1		0	16.90	-2.10	14.80	<=30	Pass	
			13	16.94	-2.10	14.84	<=30	Pass	
			24	16.91	-2.10	14.81	<=30	Pass	
	12	0	16.79	-2.10	14.69	<=30	Pass		
		6	16.86	-2.10	14.76	<=30	Pass		
		13	16.85	-2.10	14.75	<=30	Pass		
1752.5	25	0	16.89	-2.10	14.79	<=30	Pass		
		1	0	16.91	-2.10	14.81	<=30	Pass	
			13	16.87	-2.10	14.77	<=30	Pass	
	24		16.95	-2.10	14.85	<=30	Pass		
	12	0	16.77	-2.10	14.67	<=30	Pass		
		6	16.79	-2.10	14.69	<=30	Pass		
		13	16.80	-2.10	14.70	<=30	Pass		
25	0	16.85	-2.10	14.75	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.54	-2.10	19.44	<=30	Pass
			25	21.92	-2.10	19.82	<=30	Pass
			49	21.97	-2.10	19.87	<=30	Pass
		25	0	20.87	-2.10	18.77	<=30	Pass
			13	20.91	-2.10	18.81	<=30	Pass
			25	20.97	-2.10	18.87	<=30	Pass

		50	0	20.93	-2.10	18.83	<=30	Pass	
		1732.5	1	0	21.91	-2.10	19.81	<=30	Pass
				25	21.91	-2.10	19.81	<=30	Pass
				49	21.93	-2.10	19.83	<=30	Pass
			25	0	20.92	-2.10	18.82	<=30	Pass
				13	20.88	-2.10	18.78	<=30	Pass
				25	20.87	-2.10	18.77	<=30	Pass
		50	0	20.88	-2.10	18.78	<=30	Pass	
		1750	1	0	21.92	-2.10	19.82	<=30	Pass
				25	21.86	-2.10	19.76	<=30	Pass
				49	21.89	-2.10	19.79	<=30	Pass
			25	0	20.88	-2.10	18.78	<=30	Pass
				13	20.88	-2.10	18.78	<=30	Pass
				25	20.91	-2.10	18.81	<=30	Pass
			50	0	20.87	-2.10	18.77	<=30	Pass
			16QAM	1715	1	0	20.85	-2.10	18.75
25	21.14	-2.10				19.04	<=30	Pass	
49	21.11	-2.10				19.01	<=30	Pass	
25	0	19.72			-2.10	17.62	<=30	Pass	
	13	19.90			-2.10	17.80	<=30	Pass	
	25	19.96			-2.10	17.86	<=30	Pass	
50	0	19.91			-2.10	17.81	<=30	Pass	
1732.5	1	0		21.18	-2.10	19.08	<=30	Pass	
		25		20.49	-2.10	18.39	<=30	Pass	
		49		21.03	-2.10	18.93	<=30	Pass	
	25	0		19.91	-2.10	17.81	<=30	Pass	
		13		19.87	-2.10	17.77	<=30	Pass	
		25		19.71	-2.10	17.61	<=30	Pass	
50	0	19.88		-2.10	17.78	<=30	Pass		
1750	1	0		21.08	-2.10	18.98	<=30	Pass	
		25		21.10	-2.10	19.00	<=30	Pass	
		49		21.05	-2.10	18.95	<=30	Pass	
	25	0		19.87	-2.10	17.77	<=30	Pass	
		13		19.85	-2.10	17.75	<=30	Pass	
		25		19.86	-2.10	17.76	<=30	Pass	
	50	0	19.88	-2.10	17.78	<=30	Pass		
64QAM	1715	1	0	19.96	-2.10	17.86	<=30	Pass	
			25	19.96	-2.10	17.86	<=30	Pass	
			49	19.96	-2.10	17.86	<=30	Pass	
		25	0	18.72	-2.10	16.62	<=30	Pass	
			13	18.91	-2.10	16.81	<=30	Pass	
			25	18.93	-2.10	16.83	<=30	Pass	
		50	0	18.91	-2.10	16.81	<=30	Pass	
	1732.5	1	0	19.98	-2.10	17.88	<=30	Pass	
			25	19.91	-2.10	17.81	<=30	Pass	
			49	20.03	-2.10	17.93	<=30	Pass	
		25	0	18.81	-2.10	16.71	<=30	Pass	
			13	18.88	-2.10	16.78	<=30	Pass	
			25	18.86	-2.10	16.76	<=30	Pass	
	50	0	18.86	-2.10	16.76	<=30	Pass		
	1750	1	0	19.67	-2.10	17.57	<=30	Pass	
			25	19.75	-2.10	17.65	<=30	Pass	
			49	19.91	-2.10	17.81	<=30	Pass	
		25	0	18.87	-2.10	16.77	<=30	Pass	
			13	18.83	-2.10	16.73	<=30	Pass	
			25	18.87	-2.10	16.77	<=30	Pass	
50		0	18.88	-2.10	16.78	<=30	Pass		
256QAM	1715	1	0	16.93	-2.10	14.83	<=30	Pass	
25	16.91		-2.10	14.81	<=30	Pass			

			49	16.96	-2.10	14.86	<=30	Pass
		25	0	16.78	-2.10	14.68	<=30	Pass
			13	16.83	-2.10	14.73	<=30	Pass
			25	16.90	-2.10	14.80	<=30	Pass
			50	0	16.87	-2.10	14.77	<=30
	1732.5	1	0	16.83	-2.10	14.73	<=30	Pass
			25	17.10	-2.10	15.00	<=30	Pass
			49	16.94	-2.10	14.84	<=30	Pass
		25	0	16.88	-2.10	14.78	<=30	Pass
			13	16.87	-2.10	14.77	<=30	Pass
			25	16.84	-2.10	14.74	<=30	Pass
		50	0	16.87	-2.10	14.77	<=30	Pass
	1750	1	0	16.86	-2.10	14.76	<=30	Pass
			25	16.91	-2.10	14.81	<=30	Pass
			49	16.87	-2.10	14.77	<=30	Pass
		25	0	16.80	-2.10	14.70	<=30	Pass
			13	16.79	-2.10	14.69	<=30	Pass
			25	16.85	-2.10	14.75	<=30	Pass
		50	0	16.86	-2.10	14.76	<=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	21.91	-2.10	19.81	<=30	Pass
			38	22.03	-2.10	19.93	<=30	Pass
			74	21.97	-2.10	19.87	<=30	Pass
		36	0	20.89	-2.10	18.79	<=30	Pass
			18	20.94	-2.10	18.84	<=30	Pass
			39	20.94	-2.10	18.84	<=30	Pass
		75	0	20.96	-2.10	18.86	<=30	Pass
	1732.5	1	0	21.81	-2.10	19.71	<=30	Pass
			38	21.94	-2.10	19.84	<=30	Pass
			74	21.97	-2.10	19.87	<=30	Pass
		36	0	20.93	-2.10	18.83	<=30	Pass
			18	20.89	-2.10	18.79	<=30	Pass
			39	20.91	-2.10	18.81	<=30	Pass
		75	0	20.94	-2.10	18.84	<=30	Pass
	1747.5	1	0	21.83	-2.10	19.73	<=30	Pass
			38	21.91	-2.10	19.81	<=30	Pass
			74	21.93	-2.10	19.83	<=30	Pass
		36	0	20.90	-2.10	18.80	<=30	Pass
			18	20.89	-2.10	18.79	<=30	Pass
			39	20.91	-2.10	18.81	<=30	Pass
		75	0	20.91	-2.10	18.81	<=30	Pass
16QAM	1717.5	1	0	21.15	-2.10	19.05	<=30	Pass
			38	21.18	-2.10	19.08	<=30	Pass
			74	20.97	-2.10	18.87	<=30	Pass
		36	0	19.91	-2.10	17.81	<=30	Pass
			18	19.91	-2.10	17.81	<=30	Pass
			39	19.94	-2.10	17.84	<=30	Pass
		75	0	19.93	-2.10	17.83	<=30	Pass
	1732.5	1	0	21.11	-2.10	19.01	<=30	Pass
			38	21.19	-2.10	19.09	<=30	Pass
			74	21.02	-2.10	18.92	<=30	Pass

		36	0	19.93	-2.10	17.83	<=30	Pass
			18	19.92	-2.10	17.82	<=30	Pass
			39	19.93	-2.10	17.83	<=30	Pass
		75	0	19.97	-2.10	17.87	<=30	Pass
	1747.5	1	0	21.16	-2.10	19.06	<=30	Pass
			38	21.05	-2.10	18.95	<=30	Pass
			74	21.18	-2.10	19.08	<=30	Pass
		36	0	19.92	-2.10	17.82	<=30	Pass
			18	19.89	-2.10	17.79	<=30	Pass
			39	19.91	-2.10	17.81	<=30	Pass
		75	0	19.93	-2.10	17.83	<=30	Pass
64QAM	1717.5	1	0	20.02	-2.10	17.92	<=30	Pass
			38	20.01	-2.10	17.91	<=30	Pass
			74	19.73	-2.10	17.63	<=30	Pass
		36	0	18.94	-2.10	16.84	<=30	Pass
			18	18.93	-2.10	16.83	<=30	Pass
			39	18.94	-2.10	16.84	<=30	Pass
		75	0	18.93	-2.10	16.83	<=30	Pass
	1732.5	1	0	20.04	-2.10	17.94	<=30	Pass
			38	19.43	-2.10	17.33	<=30	Pass
			74	20.05	-2.10	17.95	<=30	Pass
		36	0	18.89	-2.10	16.79	<=30	Pass
			18	18.89	-2.10	16.79	<=30	Pass
			39	18.93	-2.10	16.83	<=30	Pass
		75	0	18.94	-2.10	16.84	<=30	Pass
	1747.5	1	0	20.02	-2.10	17.92	<=30	Pass
			38	19.61	-2.10	17.51	<=30	Pass
			74	20.02	-2.10	17.92	<=30	Pass
		36	0	18.95	-2.10	16.85	<=30	Pass
			18	18.90	-2.10	16.80	<=30	Pass
			39	18.92	-2.10	16.82	<=30	Pass
		75	0	18.91	-2.10	16.81	<=30	Pass
256QAM	1717.5	1	0	17.00	-2.10	14.90	<=30	Pass
			38	17.02	-2.10	14.92	<=30	Pass
			74	17.06	-2.10	14.96	<=30	Pass
		36	0	16.92	-2.10	14.82	<=30	Pass
			18	16.85	-2.10	14.75	<=30	Pass
			39	16.92	-2.10	14.82	<=30	Pass
		75	0	16.94	-2.10	14.84	<=30	Pass
	1732.5	1	0	16.67	-2.10	14.57	<=30	Pass
			38	16.97	-2.10	14.87	<=30	Pass
			74	17.09	-2.10	14.99	<=30	Pass
		36	0	16.90	-2.10	14.80	<=30	Pass
			18	16.88	-2.10	14.78	<=30	Pass
			39	16.88	-2.10	14.78	<=30	Pass
		75	0	16.94	-2.10	14.84	<=30	Pass
	1747.5	1	0	16.92	-2.10	14.82	<=30	Pass
			38	16.89	-2.10	14.79	<=30	Pass
			74	17.01	-2.10	14.91	<=30	Pass
		36	0	16.89	-2.10	14.79	<=30	Pass
			18	16.82	-2.10	14.72	<=30	Pass
			39	16.91	-2.10	14.81	<=30	Pass
		75	0	16.91	-2.10	14.81	<=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	21.96	-2.10	19.86	<=30	Pass	
			50	22.02	-2.10	19.92	<=30	Pass	
			99	21.99	-2.10	19.89	<=30	Pass	
		50	0	20.92	-2.10	18.82	<=30	Pass	
			25	20.96	-2.10	18.86	<=30	Pass	
			50	20.96	-2.10	18.86	<=30	Pass	
		100	0	20.93	-2.10	18.83	<=30	Pass	
		1732.5	1	0	21.85	-2.10	19.75	<=30	Pass
				50	21.96	-2.10	19.86	<=30	Pass
	99			22.00	-2.10	19.90	<=30	Pass	
	50		0	20.98	-2.10	18.88	<=30	Pass	
			25	20.96	-2.10	18.86	<=30	Pass	
			50	20.93	-2.10	18.83	<=30	Pass	
	100	0	20.97	-2.10	18.87	<=30	Pass		
	1745	1	0	21.98	-2.10	19.88	<=30	Pass	
			50	21.95	-2.10	19.85	<=30	Pass	
			99	22.00	-2.10	19.90	<=30	Pass	
		50	0	20.96	-2.10	18.86	<=30	Pass	
			25	20.95	-2.10	18.85	<=30	Pass	
			50	20.98	-2.10	18.88	<=30	Pass	
		100	0	20.98	-2.10	18.88	<=30	Pass	
16QAM		1720	1	0	20.98	-2.10	18.88	<=30	Pass
				50	21.29	-2.10	19.19	<=30	Pass
	99			20.75	-2.10	18.65	<=30	Pass	
	50		0	19.92	-2.10	17.82	<=30	Pass	
			25	19.93	-2.10	17.83	<=30	Pass	
			50	19.97	-2.10	17.87	<=30	Pass	
	100		0	19.90	-2.10	17.80	<=30	Pass	
	1732.5	1	0	21.00	-2.10	18.90	<=30	Pass	
			50	21.23	-2.10	19.13	<=30	Pass	
			99	21.23	-2.10	19.13	<=30	Pass	
		50	0	19.90	-2.10	17.80	<=30	Pass	
			25	19.93	-2.10	17.83	<=30	Pass	
			50	19.95	-2.10	17.85	<=30	Pass	
	100	0	19.97	-2.10	17.87	<=30	Pass		
	1745	1	0	21.07	-2.10	18.97	<=30	Pass	
			50	21.05	-2.10	18.95	<=30	Pass	
			99	21.16	-2.10	19.06	<=30	Pass	
		50	0	19.97	-2.10	17.87	<=30	Pass	
25			19.88	-2.10	17.78	<=30	Pass		
50			19.99	-2.10	17.89	<=30	Pass		
100		0	19.81	-2.10	17.71	<=30	Pass		
64QAM	1720	1	0	19.94	-2.10	17.84	<=30	Pass	
			50	20.04	-2.10	17.94	<=30	Pass	
			99	20.08	-2.10	17.98	<=30	Pass	
		50	0	18.93	-2.10	16.83	<=30	Pass	
			25	18.94	-2.10	16.84	<=30	Pass	
			50	18.94	-2.10	16.84	<=30	Pass	
	100	0	18.79	-2.10	16.69	<=30	Pass		
	1732.5	1	0	19.70	-2.10	17.60	<=30	Pass	
			50	19.89	-2.10	17.79	<=30	Pass	
			99	20.07	-2.10	17.97	<=30	Pass	
		50	0	18.92	-2.10	16.82	<=30	Pass	
			25	18.93	-2.10	16.83	<=30	Pass	
			50	18.97	-2.10	16.87	<=30	Pass	
		100	0	18.83	-2.10	16.73	<=30	Pass	

	1745	1	0	19.83	-2.10	17.73	<=30	Pass		
			50	20.03	-2.10	17.93	<=30	Pass		
			99	19.99	-2.10	17.89	<=30	Pass		
		50	0	18.96	-2.10	16.86	<=30	Pass		
			25	18.95	-2.10	16.85	<=30	Pass		
			50	18.96	-2.10	16.86	<=30	Pass		
		100	0	18.85	-2.10	16.75	<=30	Pass		
		256QAM	1720	1	0	17.07	-2.10	14.97	<=30	Pass
					50	17.05	-2.10	14.95	<=30	Pass
99	17.05				-2.10	14.95	<=30	Pass		
50	0			16.91	-2.10	14.81	<=30	Pass		
	25			16.93	-2.10	14.83	<=30	Pass		
	50			16.90	-2.10	14.80	<=30	Pass		
100	0			16.87	-2.10	14.77	<=30	Pass		
1732.5	1			0	17.00	-2.10	14.90	<=30	Pass	
				50	17.07	-2.10	14.97	<=30	Pass	
			99	17.08	-2.10	14.98	<=30	Pass		
	50		0	16.97	-2.10	14.87	<=30	Pass		
			25	16.91	-2.10	14.81	<=30	Pass		
			50	16.91	-2.10	14.81	<=30	Pass		
	100		0	16.81	-2.10	14.71	<=30	Pass		
	1745		1	0	17.03	-2.10	14.93	<=30	Pass	
				50	17.07	-2.10	14.97	<=30	Pass	
99				16.77	-2.10	14.67	<=30	Pass		
50			0	16.92	-2.10	14.82	<=30	Pass		
			25	16.91	-2.10	14.81	<=30	Pass		
			50	16.94	-2.10	14.84	<=30	Pass		
100			0	16.95	-2.10	14.85	<=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	3.4	-6.300	-0.0036	-2.5 to 2.5	Pass
					3.8	-3.800	-0.0022	-2.5 to 2.5	Pass
					4.45	3.900	0.0023	-2.5 to 2.5	Pass
				-30	3.8	4.600	0.0027	-2.5 to 2.5	Pass
				-20	3.8	-3.100	-0.0018	-2.5 to 2.5	Pass
				-10	3.8	2.200	0.0013	-2.5 to 2.5	Pass
				0	3.8	-1.100	-0.0006	-2.5 to 2.5	Pass
				10	3.8	3.000	0.0017	-2.5 to 2.5	Pass
				30	3.8	-2.700	-0.0016	-2.5 to 2.5	Pass
				40	3.8	5.700	0.0033	-2.5 to 2.5	Pass
				50	3.8	0.800	0.0005	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

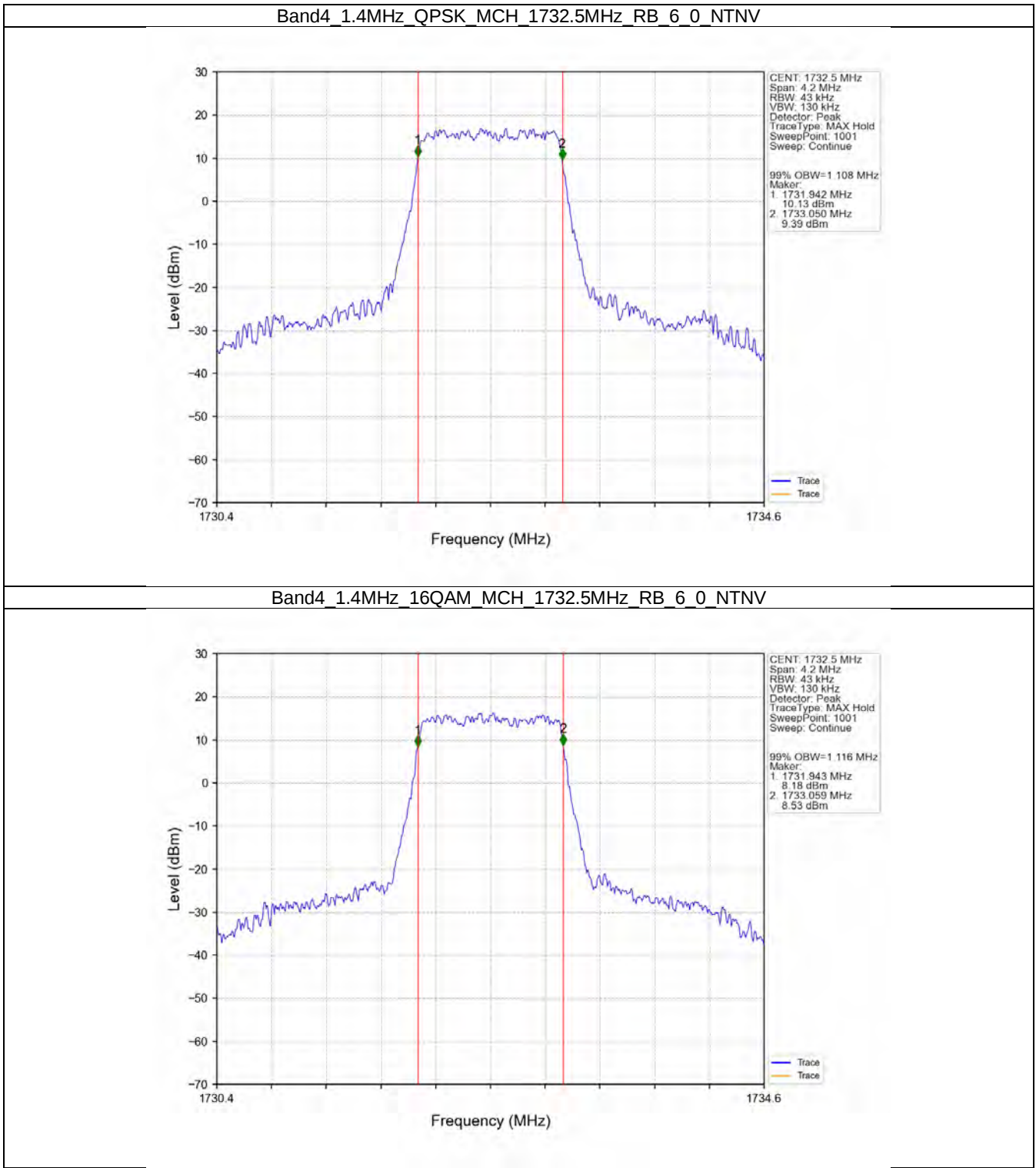
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.108	/	Pass
	16QAM	1732.5	6	0	1.116	/	Pass
3	QPSK	1732.5	15	0	2.725	/	Pass
	16QAM	1732.5	15	0	2.726	/	Pass
5	QPSK	1732.5	25	0	4.534	/	Pass
	16QAM	1732.5	25	0	4.535	/	Pass
10	QPSK	1732.5	50	0	9.042	/	Pass
	16QAM	1732.5	50	0	9.030	/	Pass
15	QPSK	1732.5	75	0	13.560	/	Pass
	16QAM	1732.5	75	0	13.561	/	Pass
20	QPSK	1732.5	100	0	18.092	/	Pass
	16QAM	1732.5	100	0	18.112	/	Pass

3.1.2 Band4_XDB

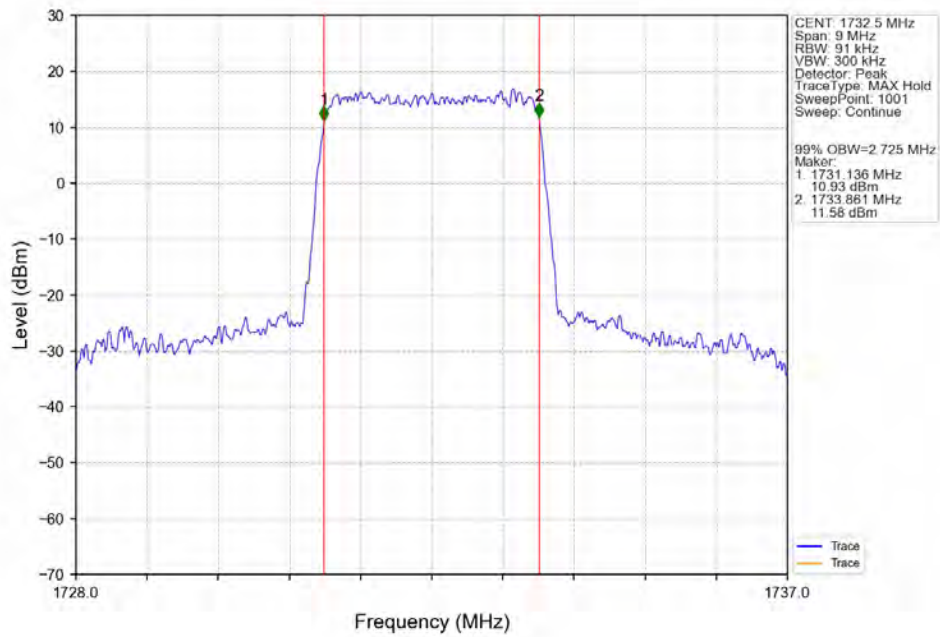
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.327	/	Pass
	16QAM	1732.5	6	0	1.332	/	Pass
3	QPSK	1732.5	15	0	3.010	/	Pass
	16QAM	1732.5	15	0	3.001	/	Pass
5	QPSK	1732.5	25	0	5.051	/	Pass
	16QAM	1732.5	25	0	5.042	/	Pass
10	QPSK	1732.5	50	0	9.938	/	Pass
	16QAM	1732.5	50	0	9.894	/	Pass
15	QPSK	1732.5	75	0	14.928	/	Pass
	16QAM	1732.5	75	0	14.878	/	Pass
20	QPSK	1732.5	100	0	19.873	/	Pass
	16QAM	1732.5	100	0	19.683	/	Pass

3.2 Test Graph

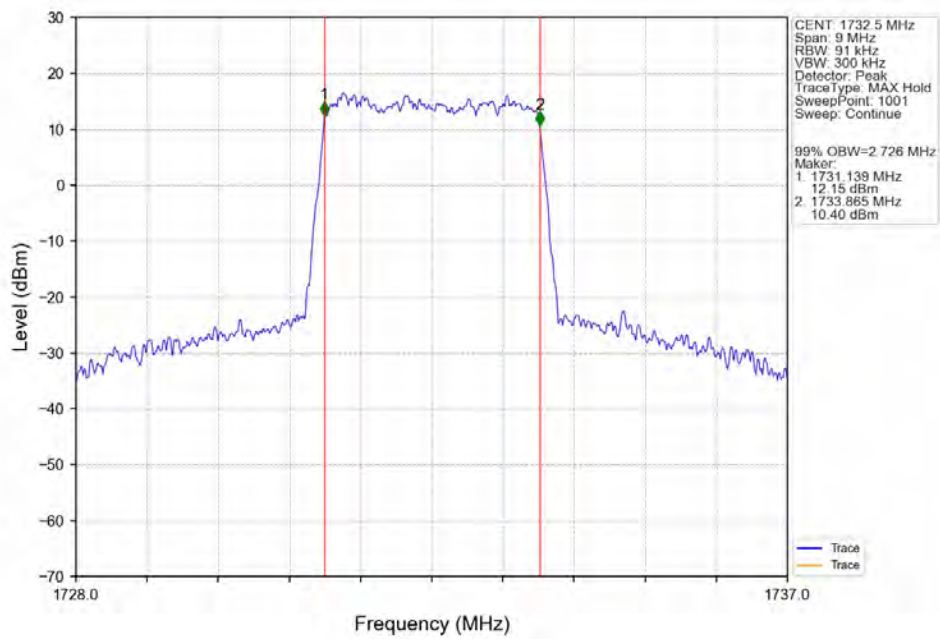
3.2.1 Band4_OBW



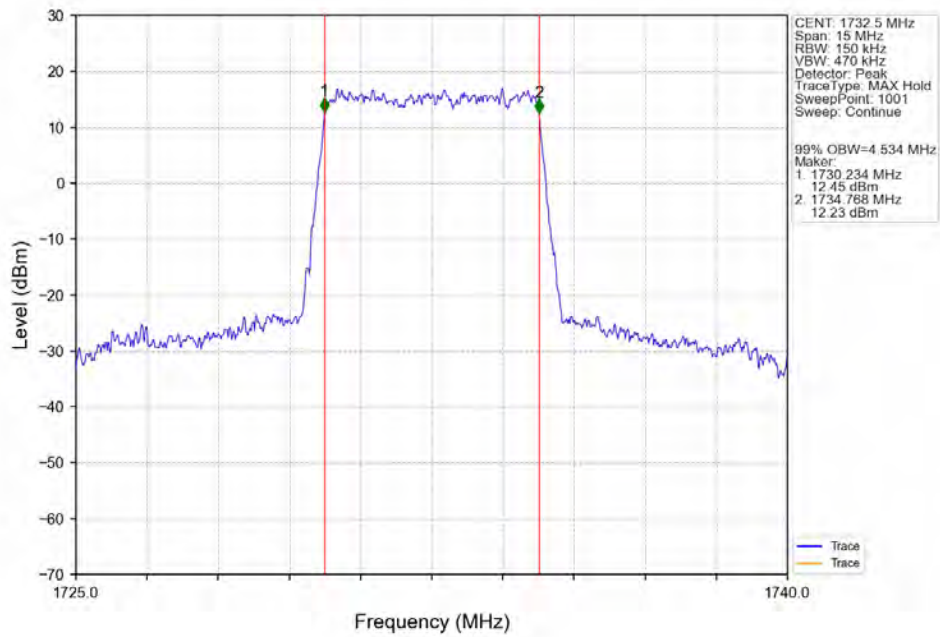
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



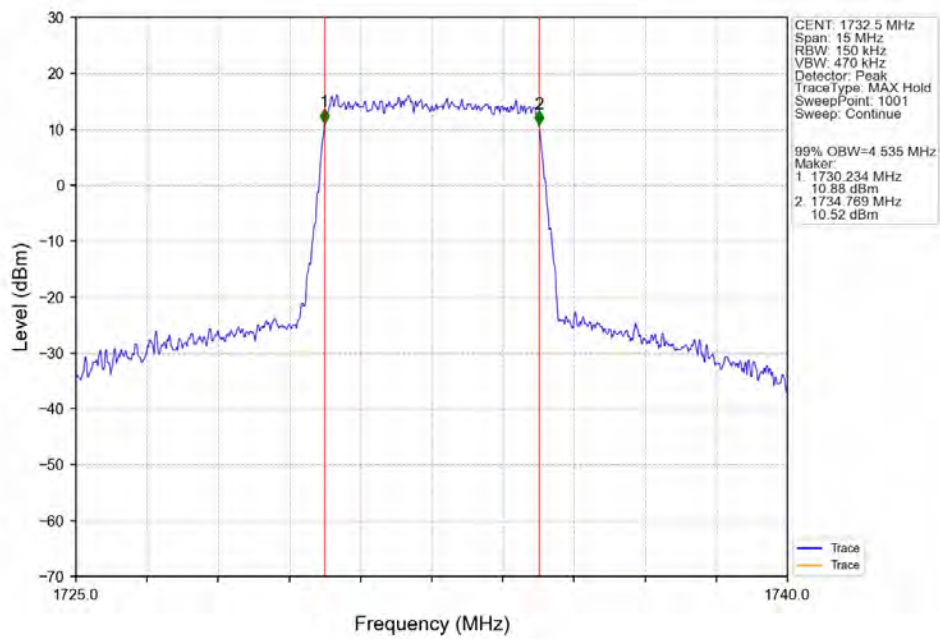
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



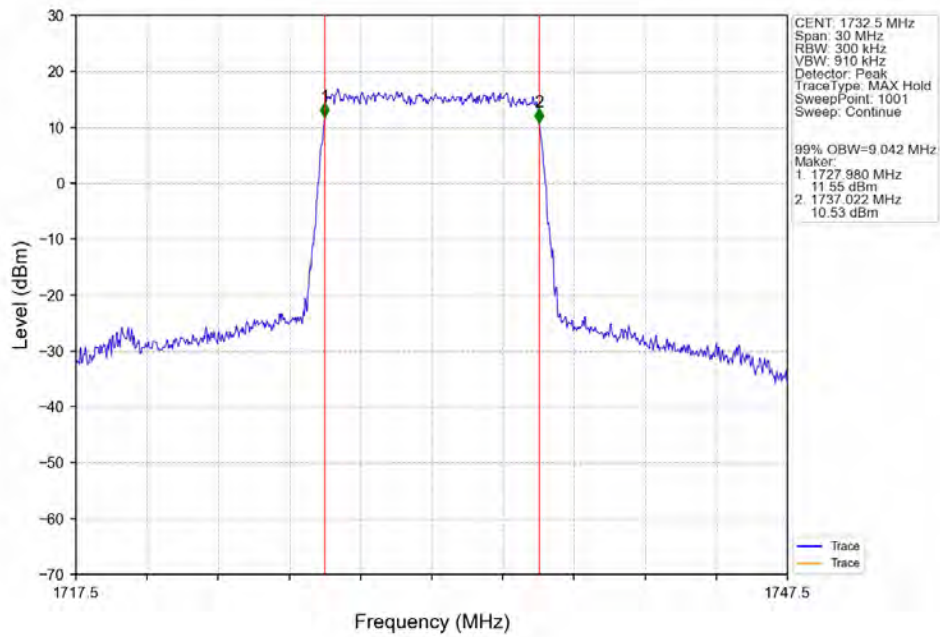
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



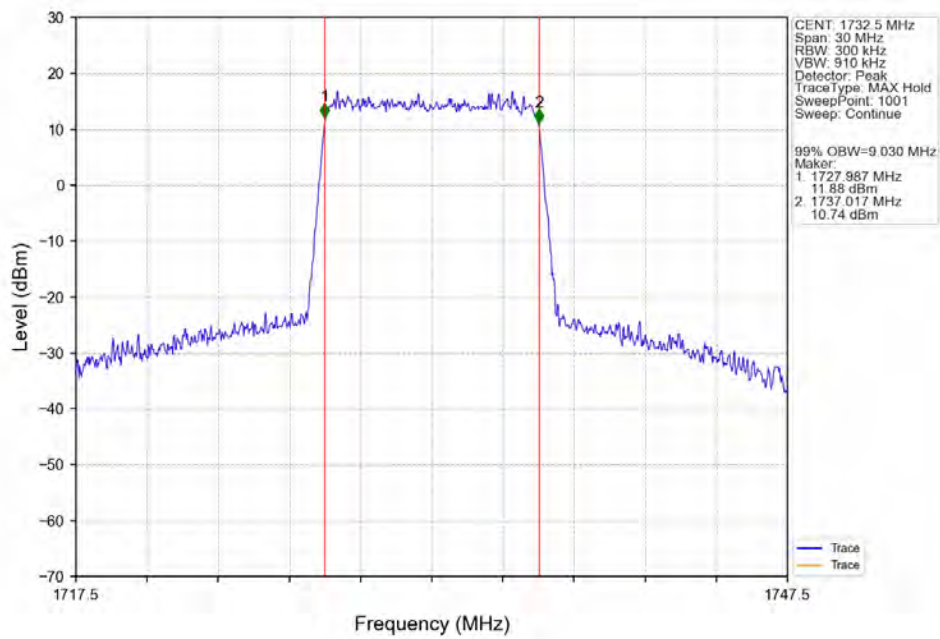
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



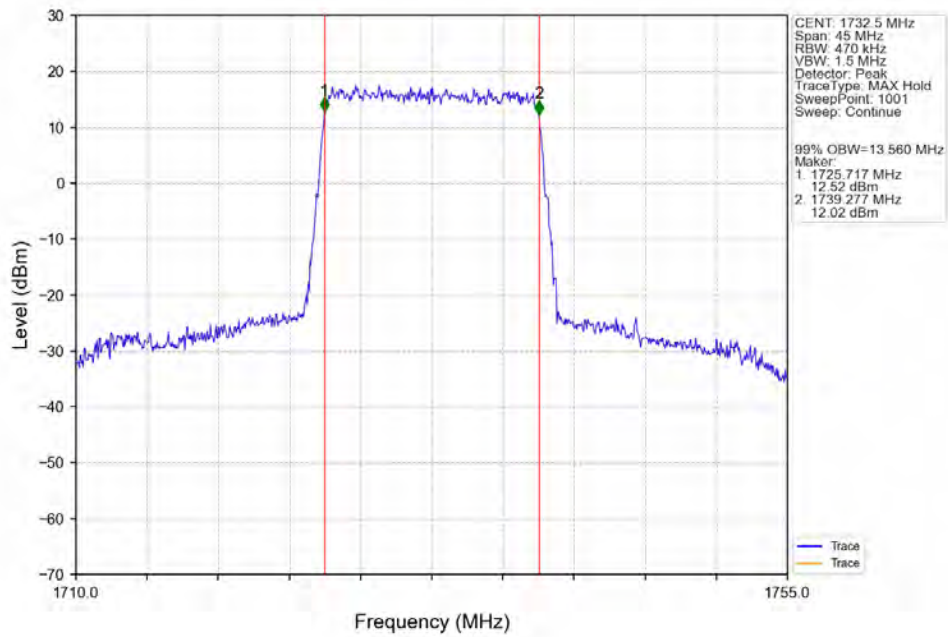
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



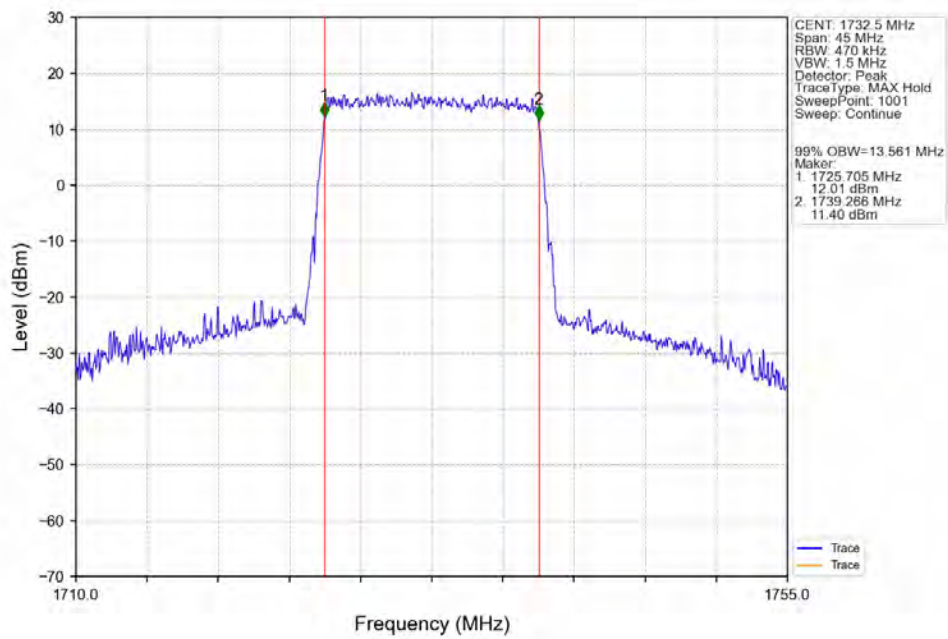
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



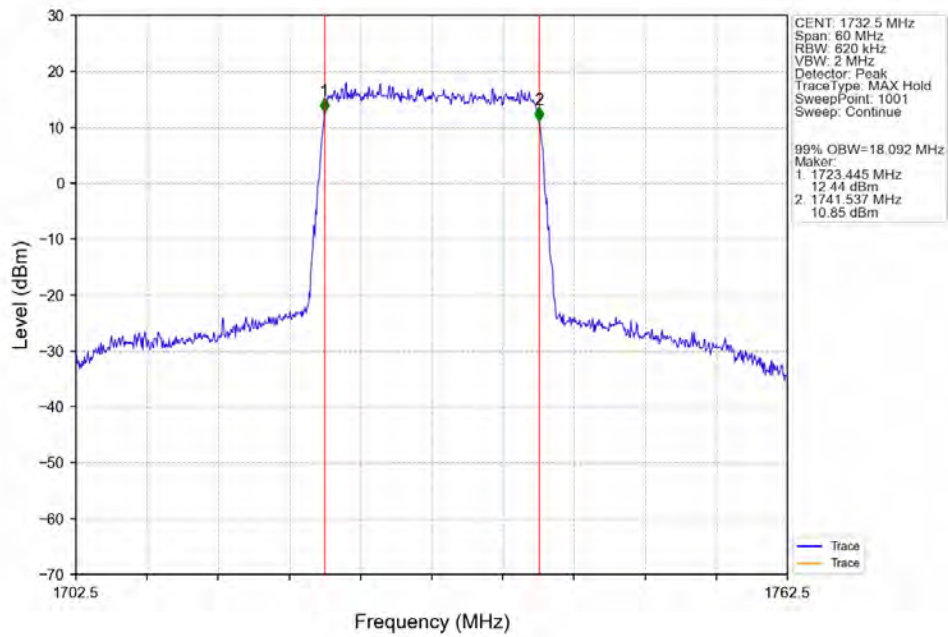
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



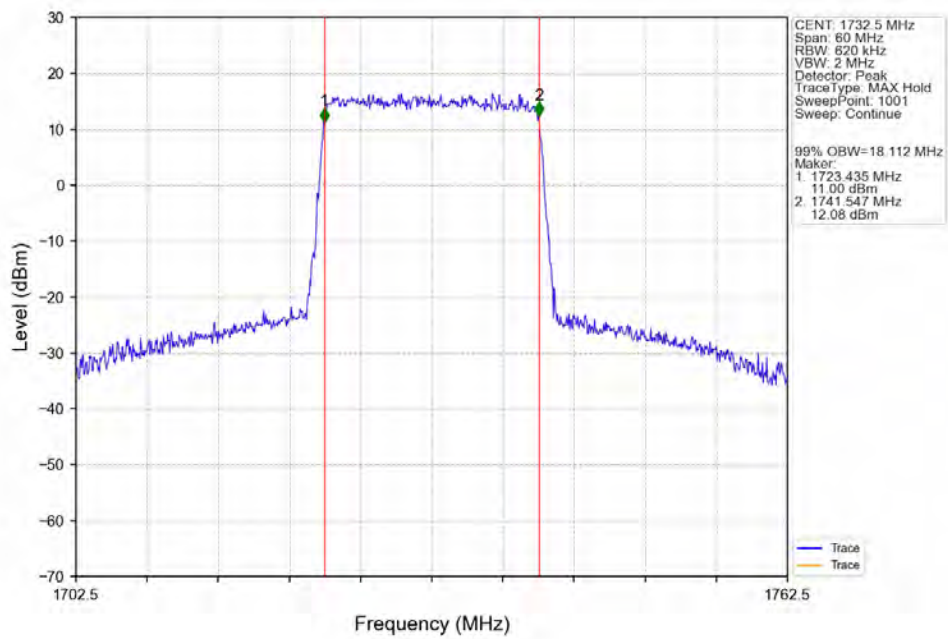
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



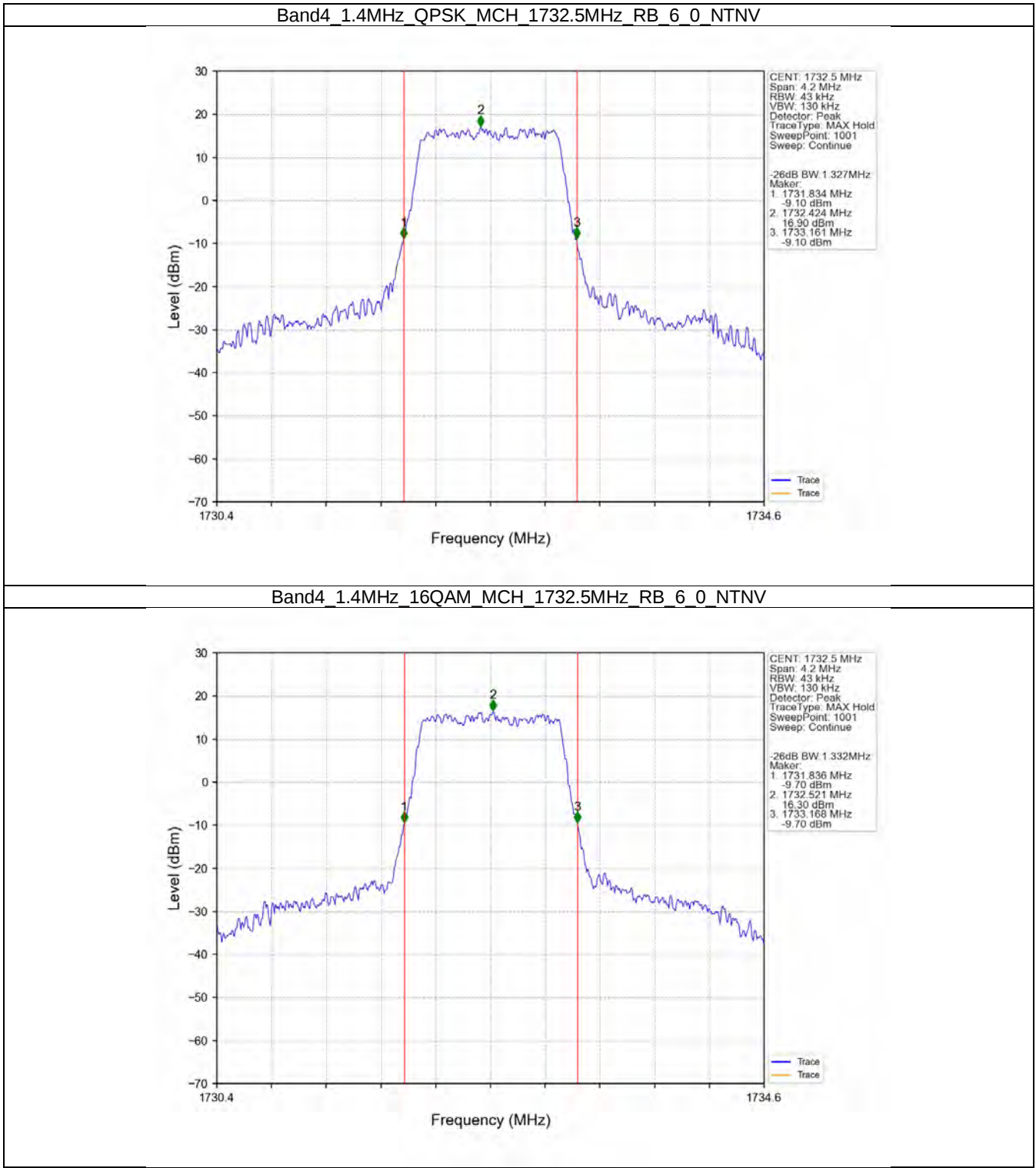
Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



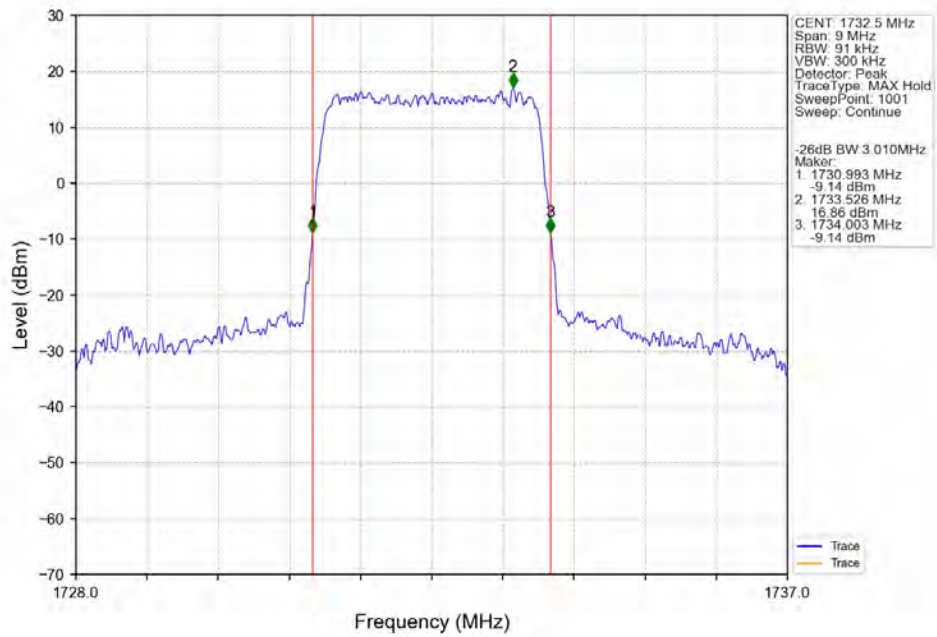
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



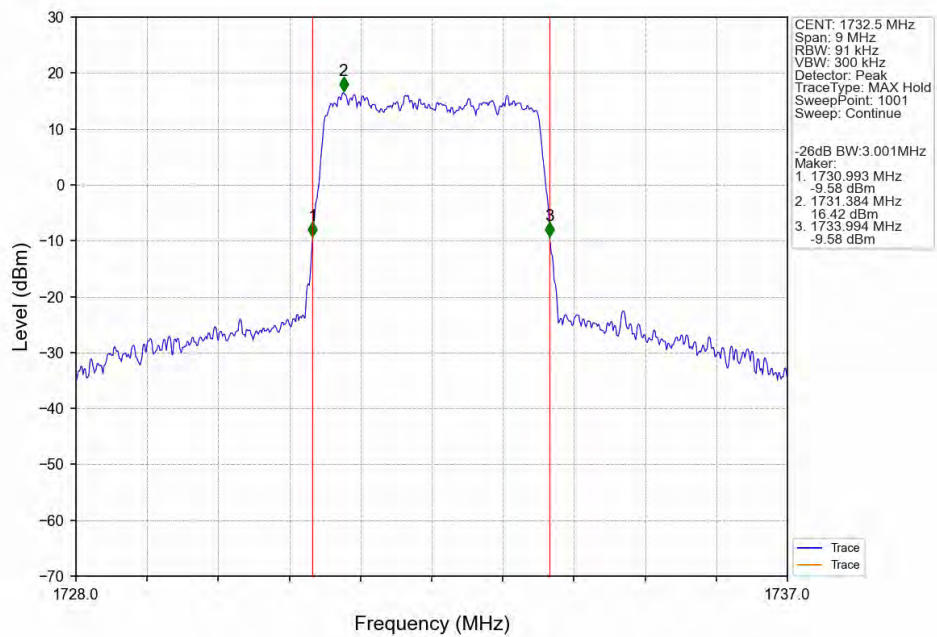
3.2.2 Band4_XDB



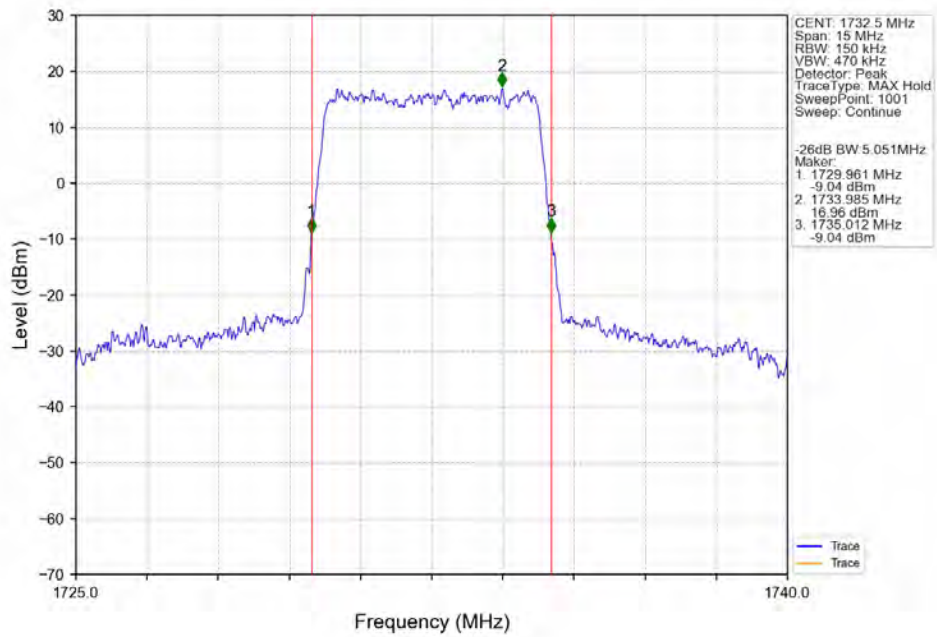
Band4 3MHz QPSK MCH 1732.5MHz RB 15 0 NTNV



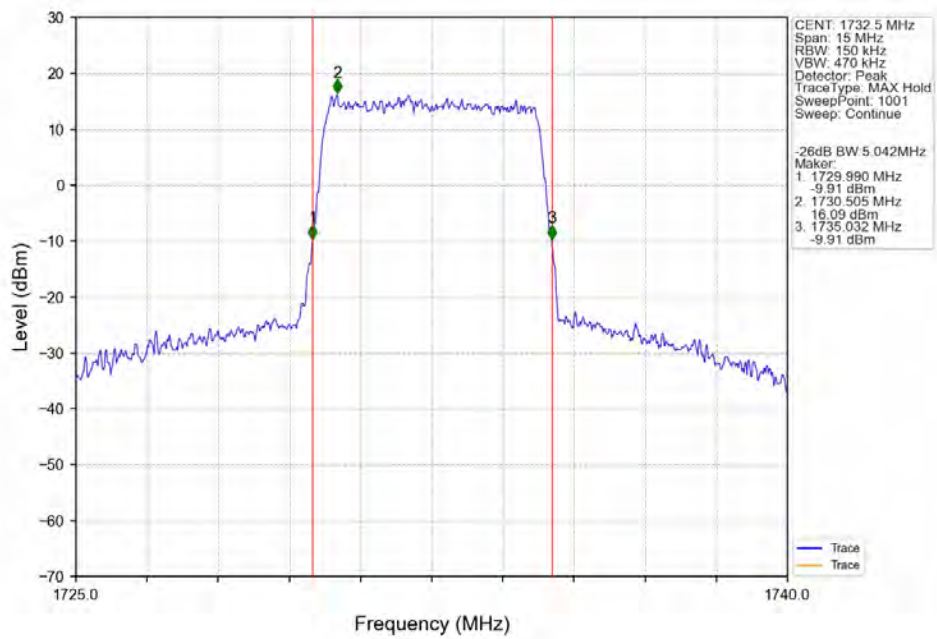
Band4 3MHz 16QAM MCH 1732.5MHz RB 15 0 NTNV



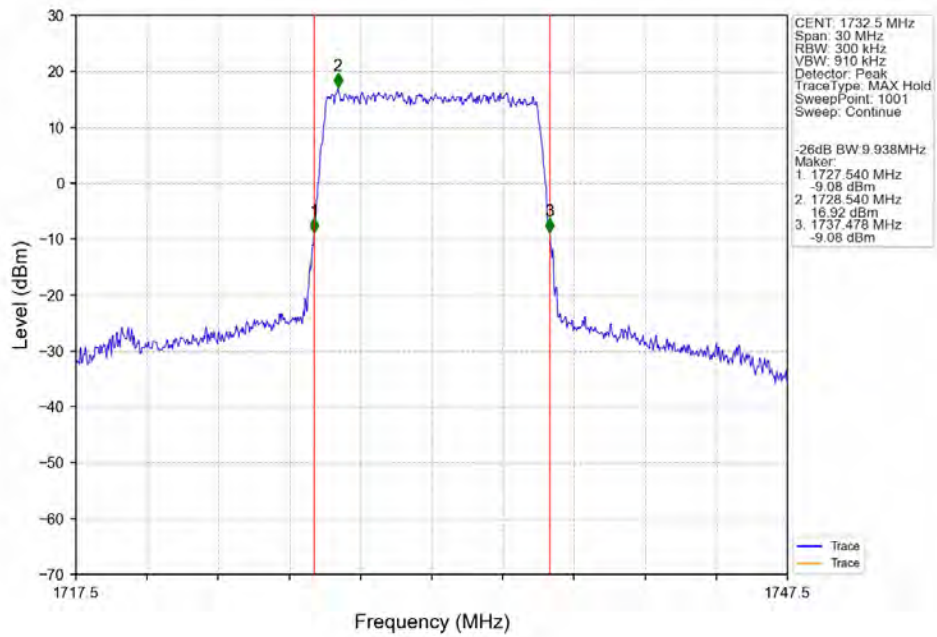
Band4 5MHz QPSK MCH 1732.5MHz RB 25 0 NTNV



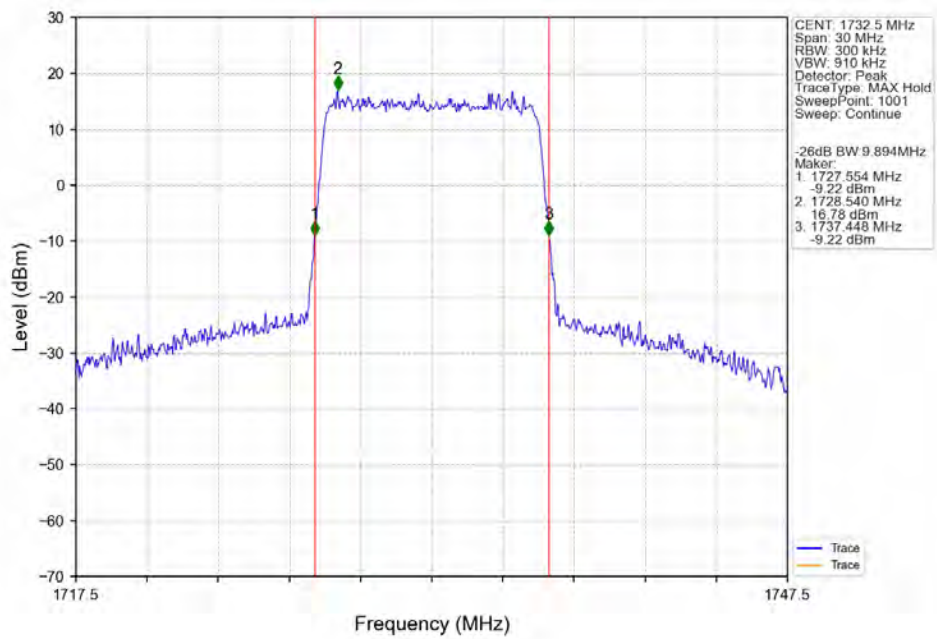
Band4 5MHz 16QAM MCH 1732.5MHz RB 25 0 NTNV



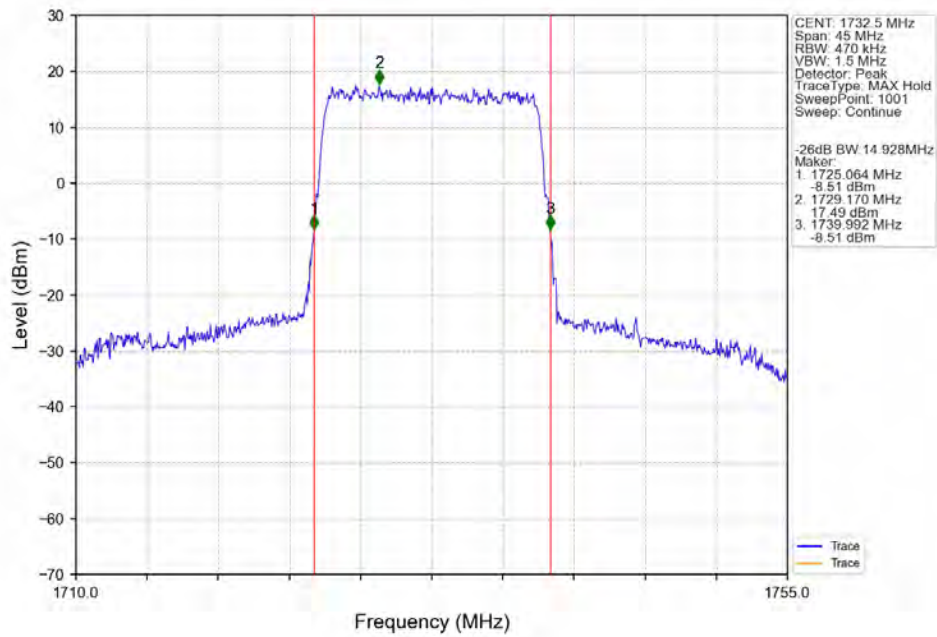
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



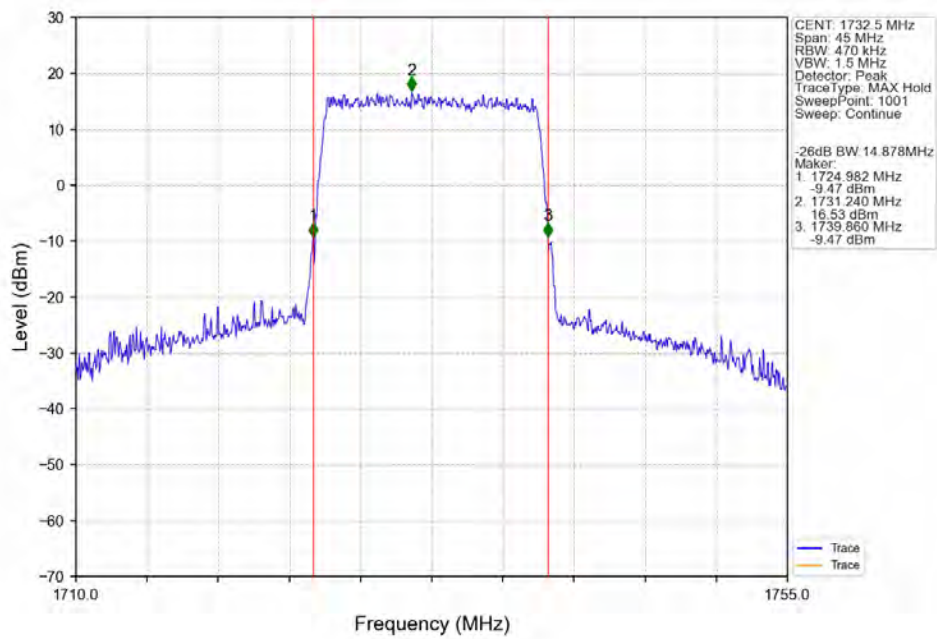
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



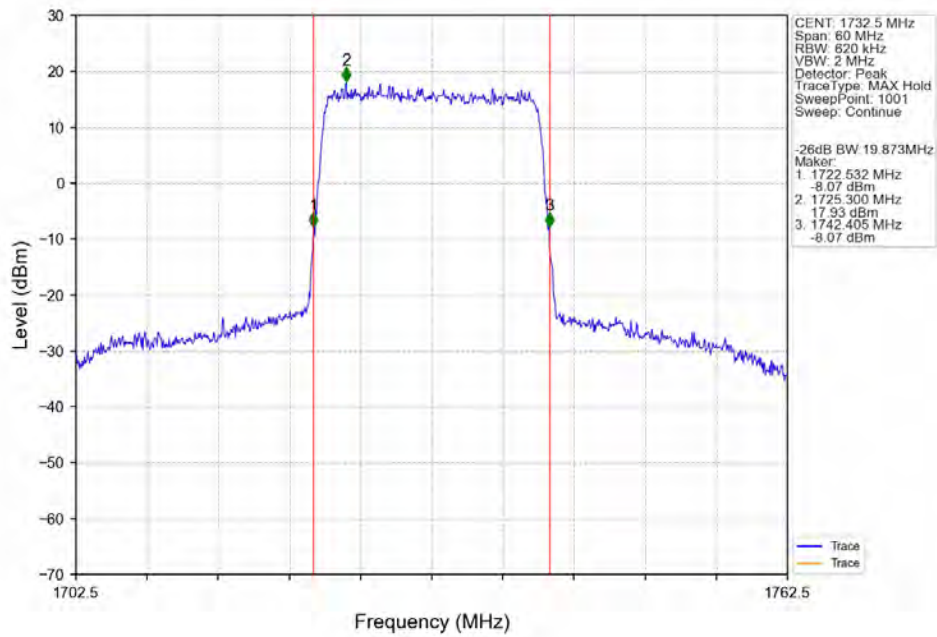
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



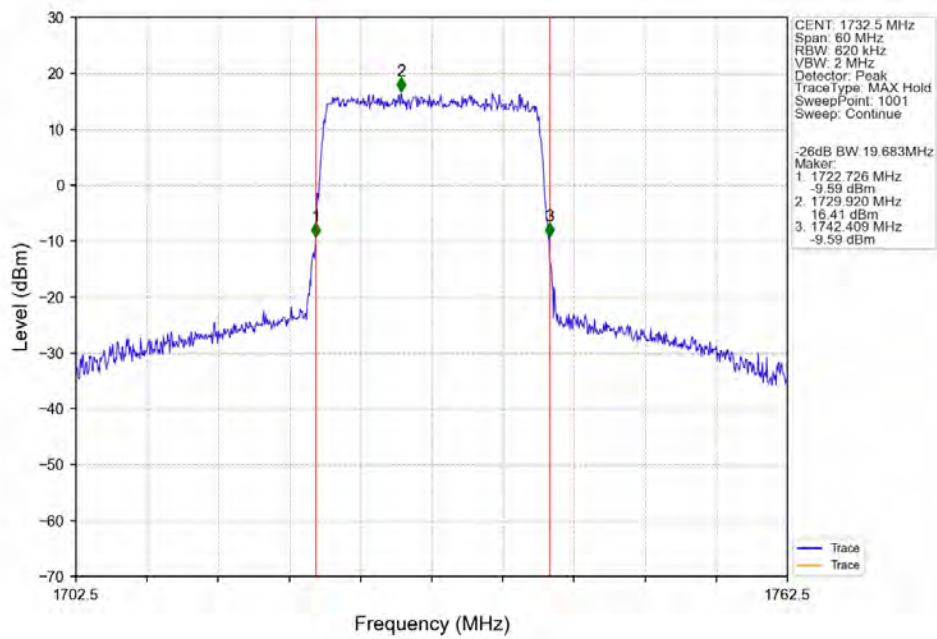
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4 20MHz QPSK MCH 1732.5MHz RB 100 0 NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



4. Peak-Average Ratio

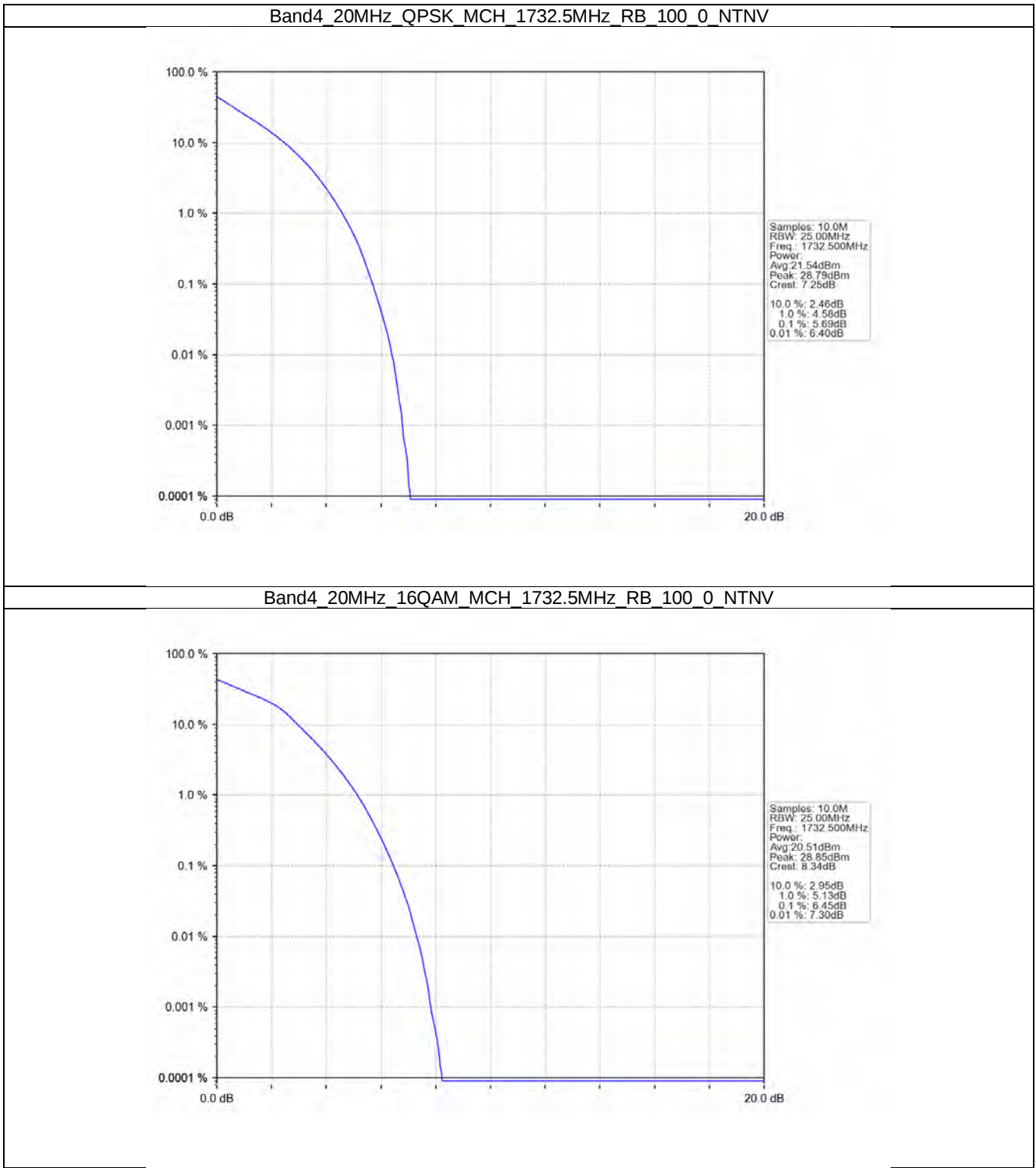
4.1 Test Result

4.1.1 B4_20MHz

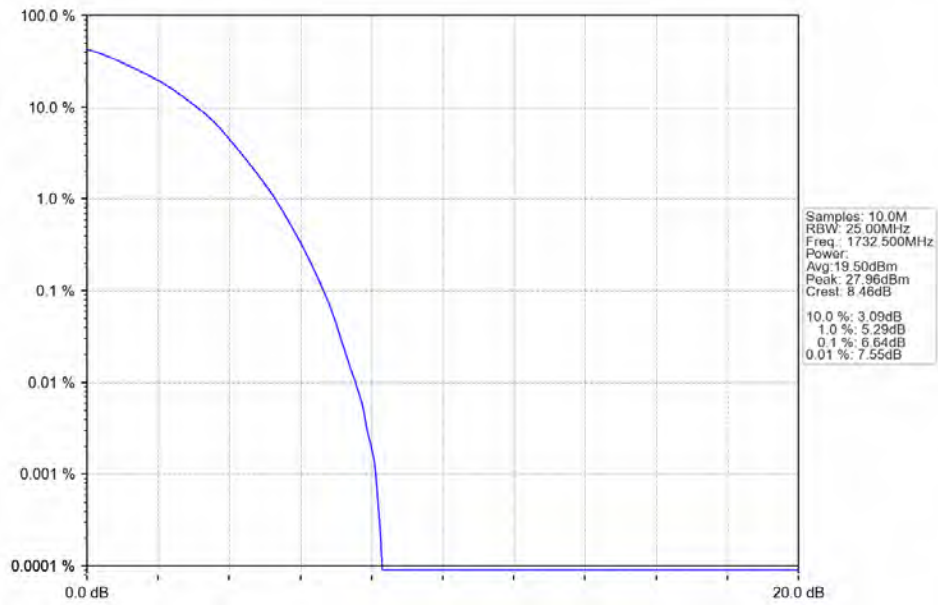
Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.69	<=13	Pass
16QAM	1732.5	100	0	6.45	<=13	Pass
64QAM	1732.5	100	0	6.64	<=13	Pass
256QAM	1732.5	100	0	6.78	<=13	Pass

4.2 Test Graph

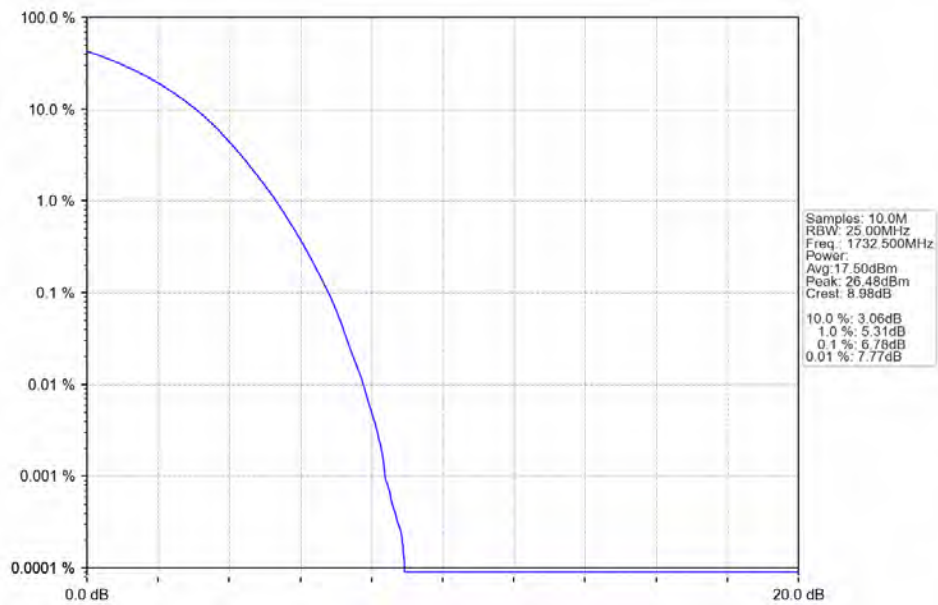
4.2.1 B4_20MHz



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

5.1.5 B4_15MHz

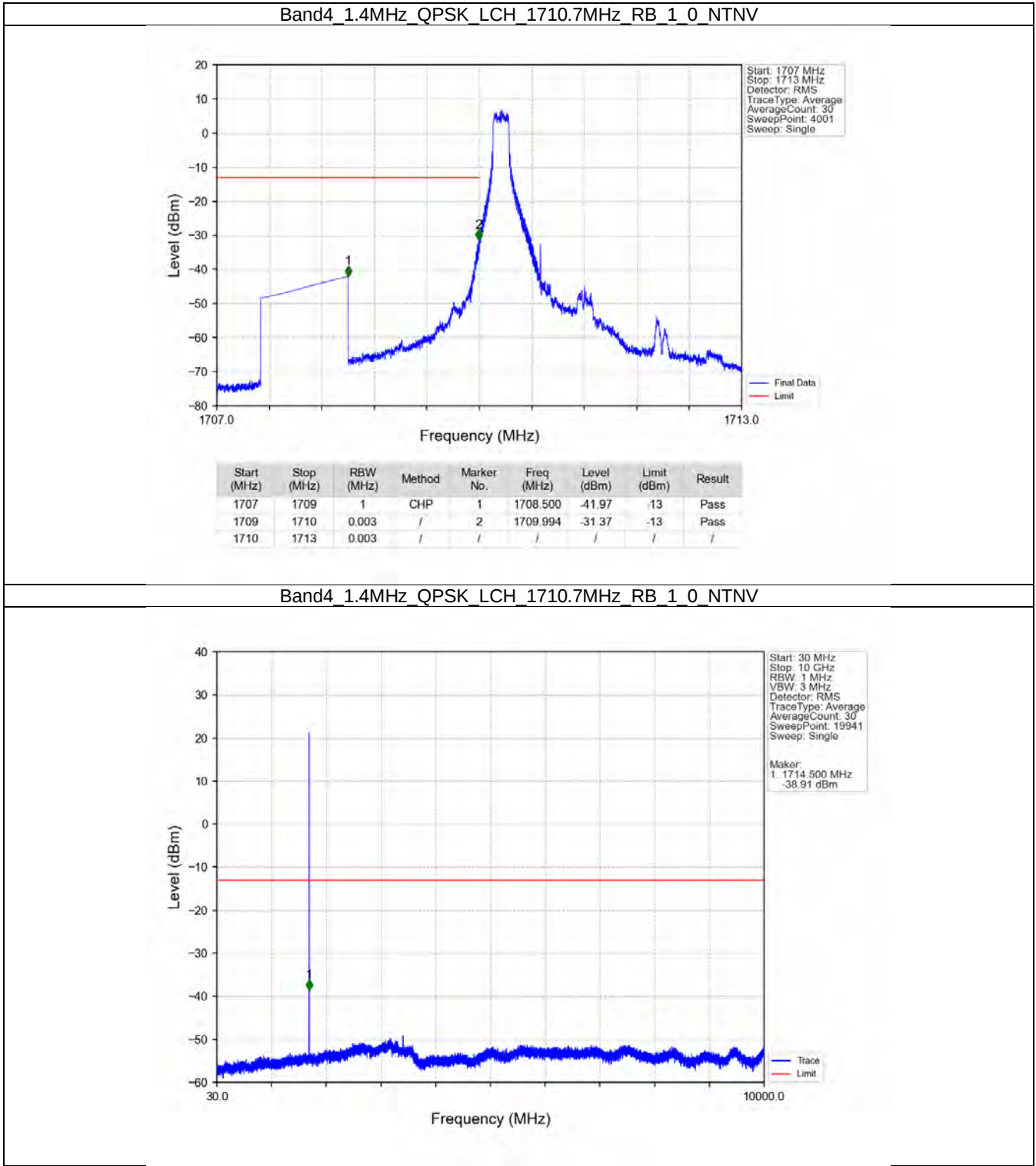
Band: 4 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B4_20MHz

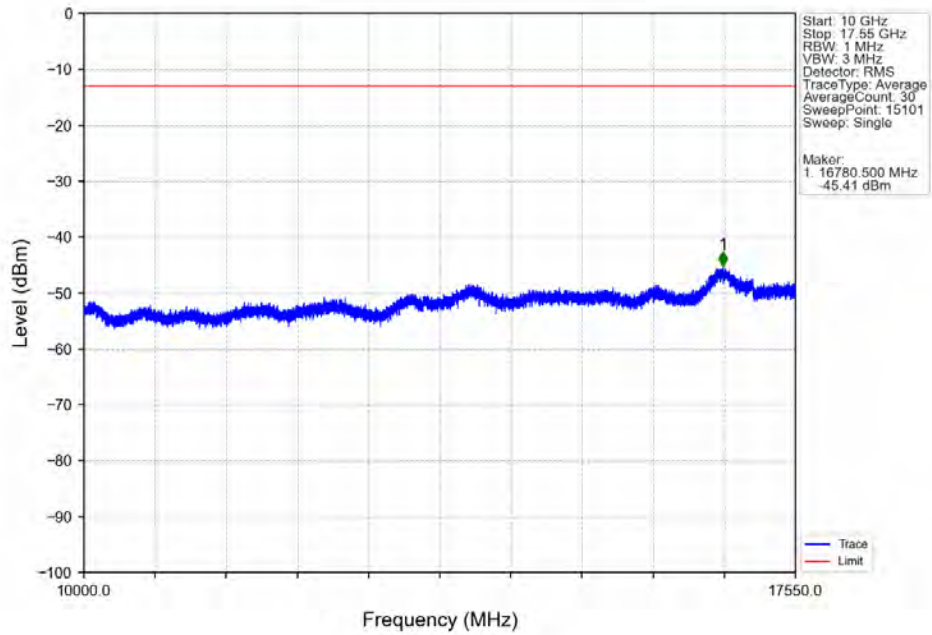
Band: 4 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

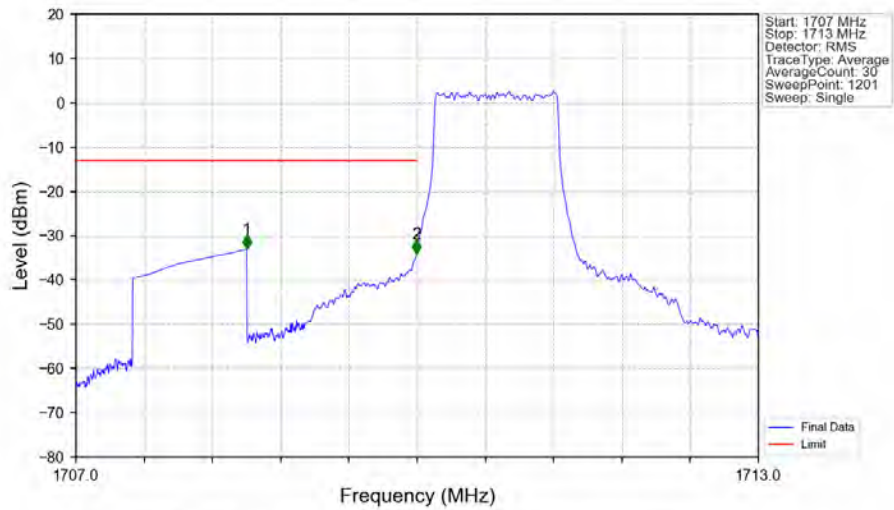
5.2.1 B4_1.4MHz



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

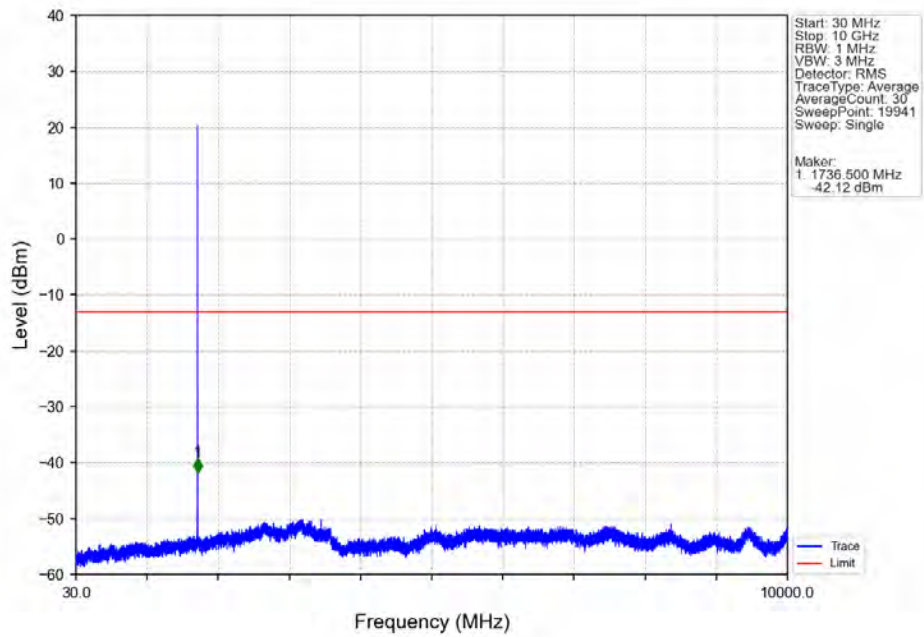


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

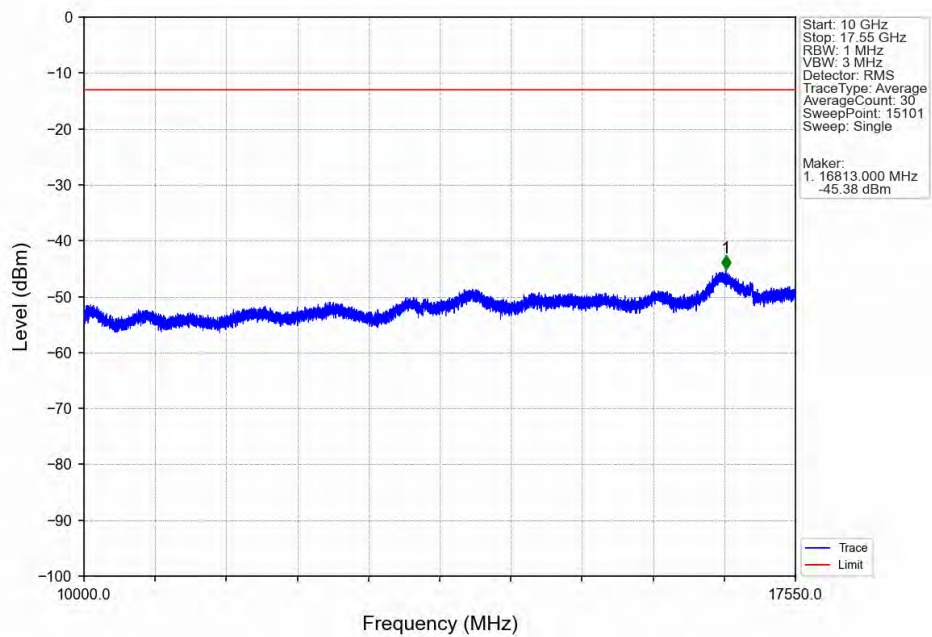


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-33.03	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-34.01	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

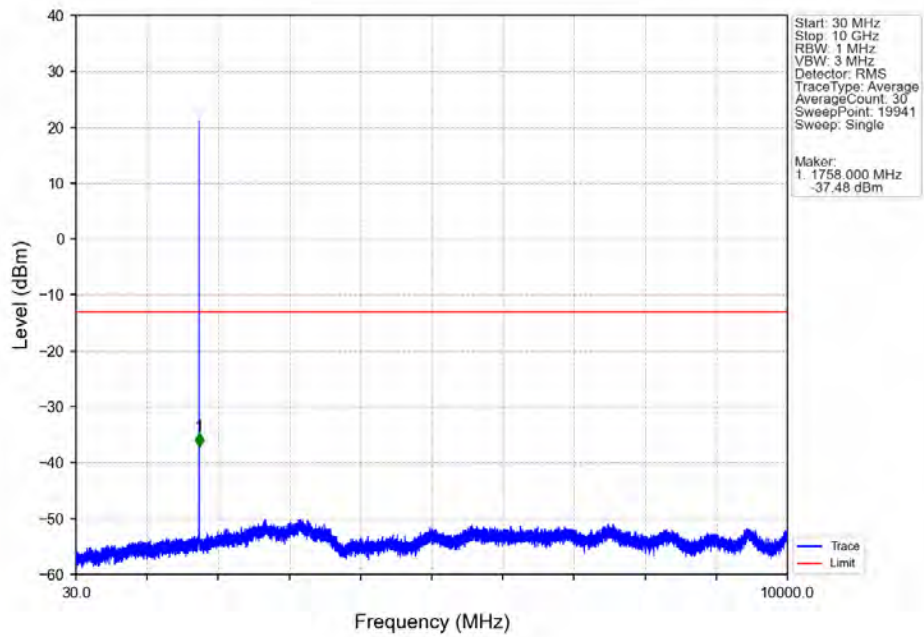
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



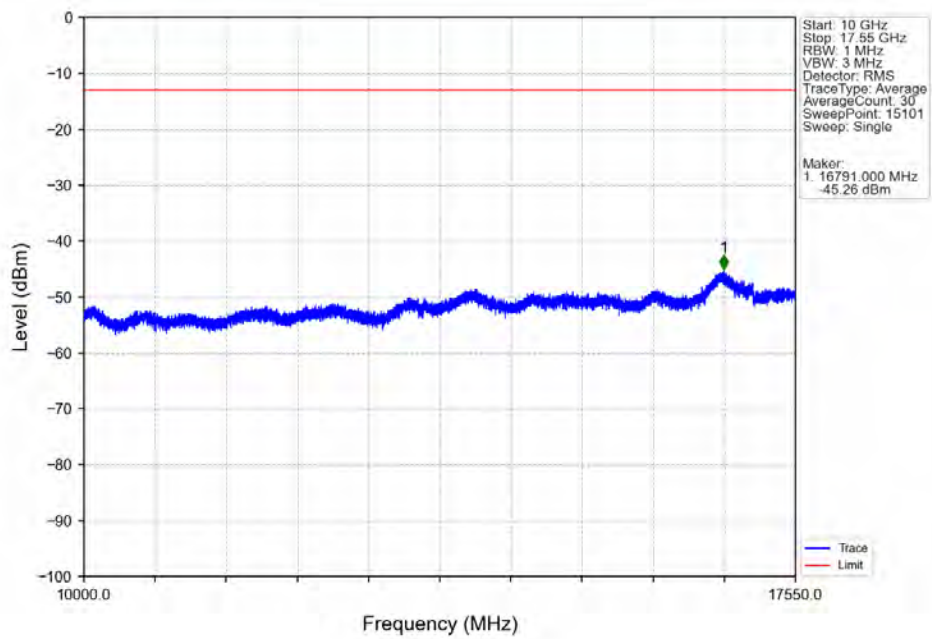
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



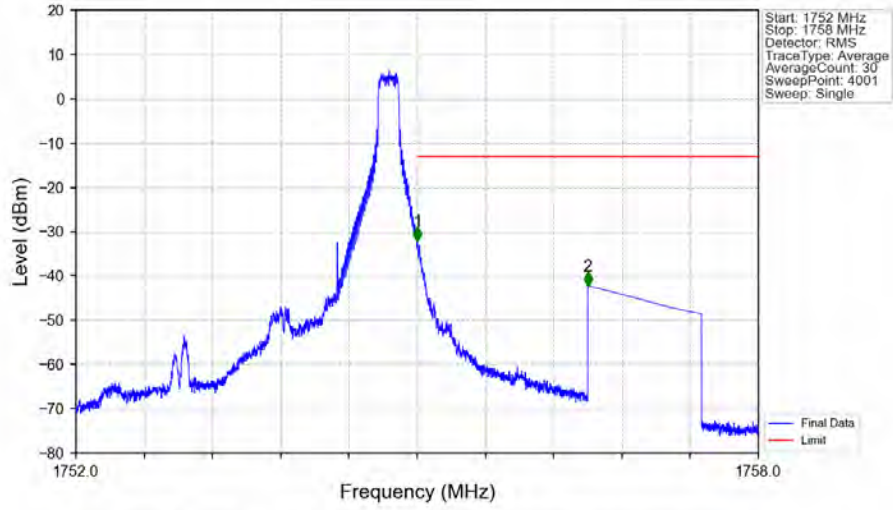
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV



Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTNV

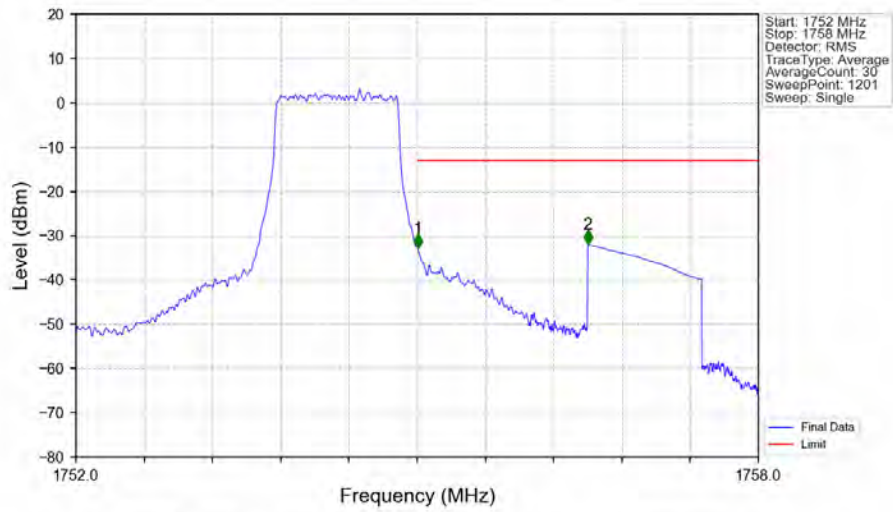


Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTNV



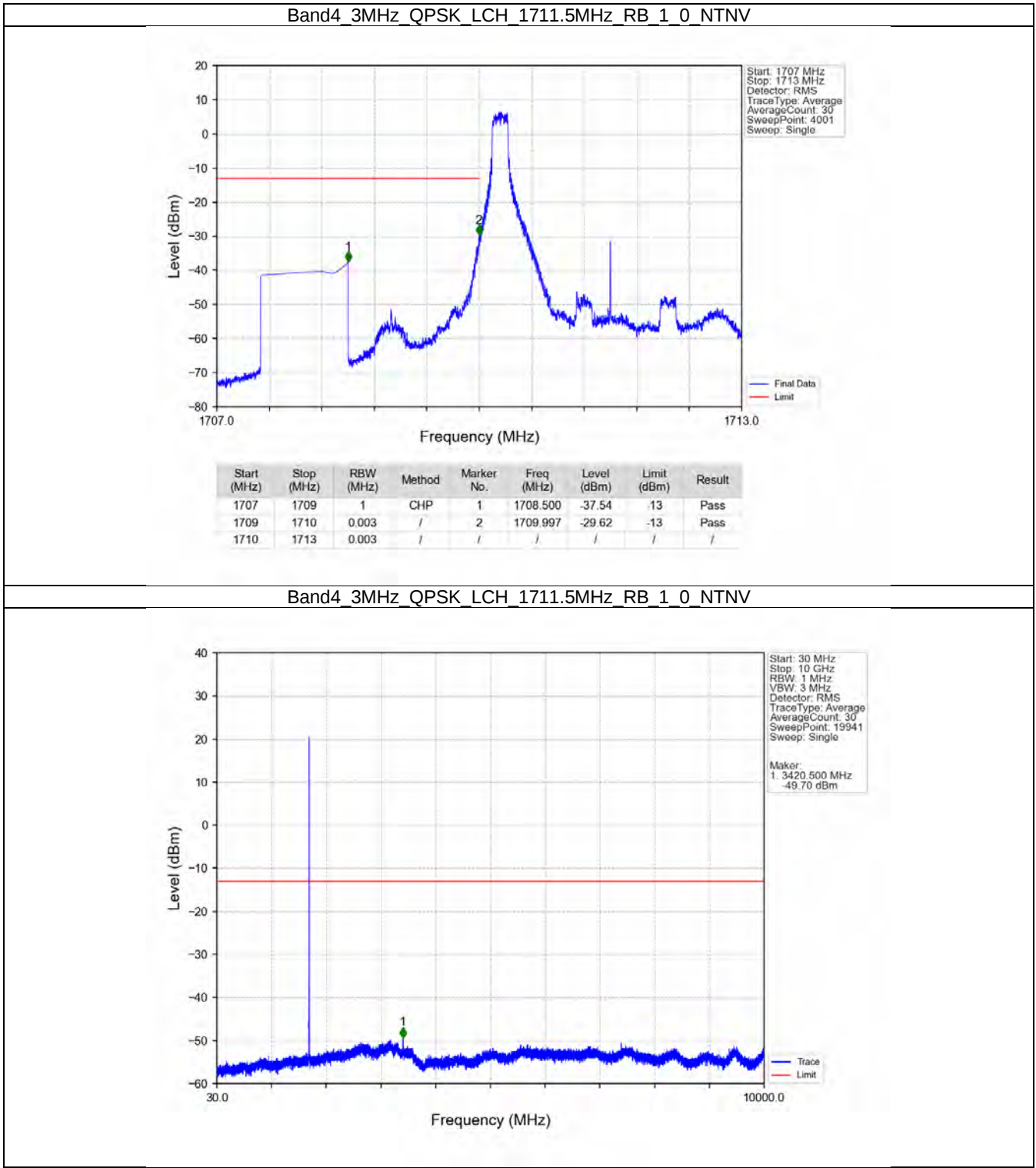
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-32.10	-13	Pass
1756	1758	1	CHP	2	1756.500	-42.17	-13	Pass

Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV

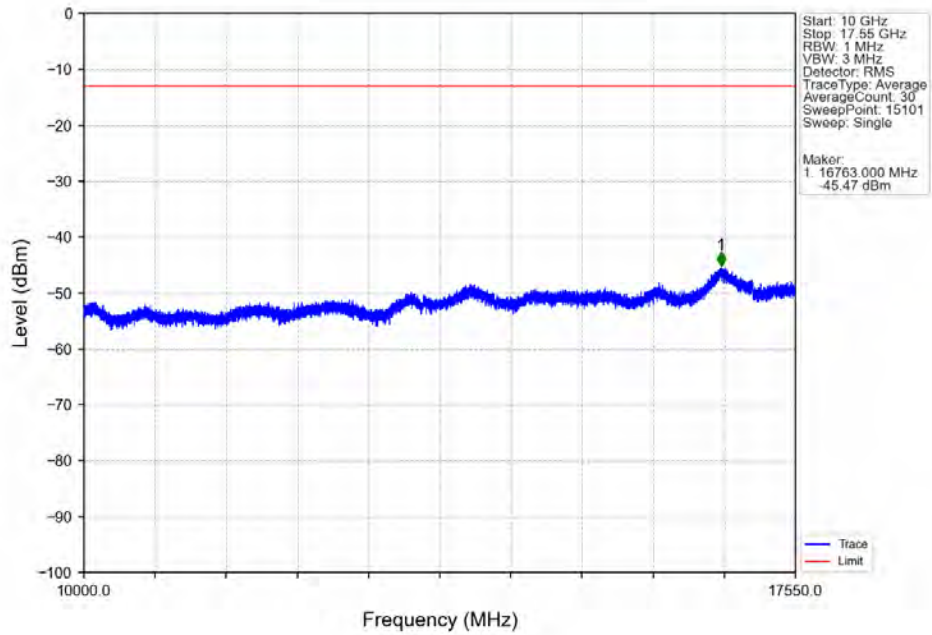


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.013	CHP	/	/	/	/	/
1755	1756	0.013	CHP	1	1755.005	-32.74	-13	Pass
1756	1758	1	CHP	2	1756.500	-31.91	-13	Pass

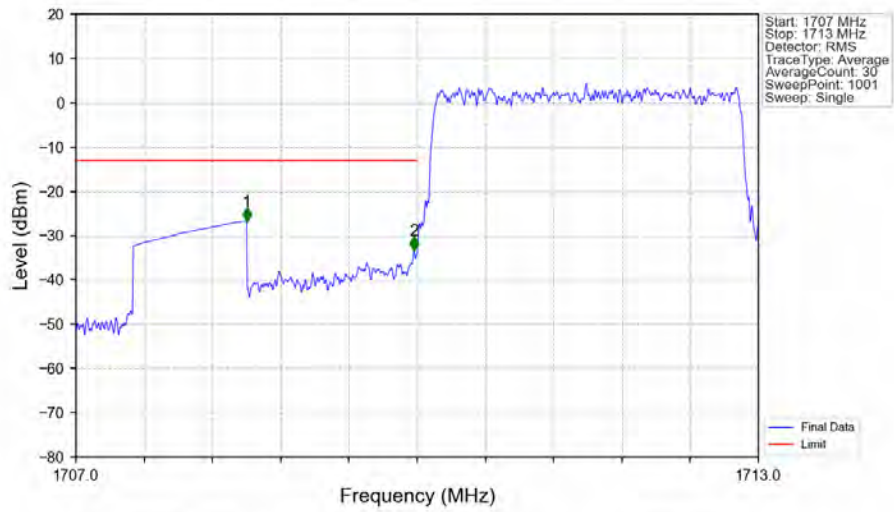
5.2.2 B4_3MHz



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN

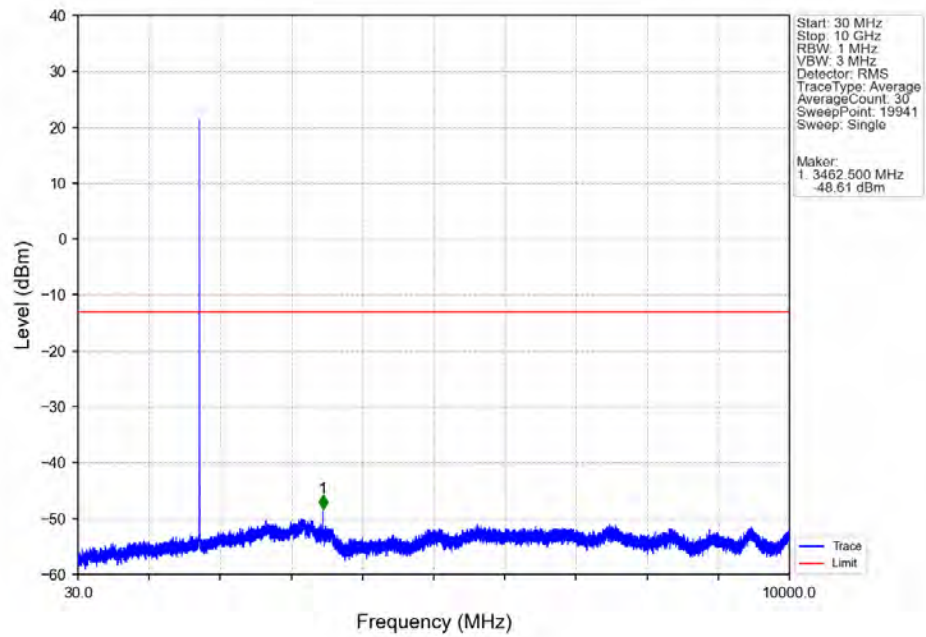


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN

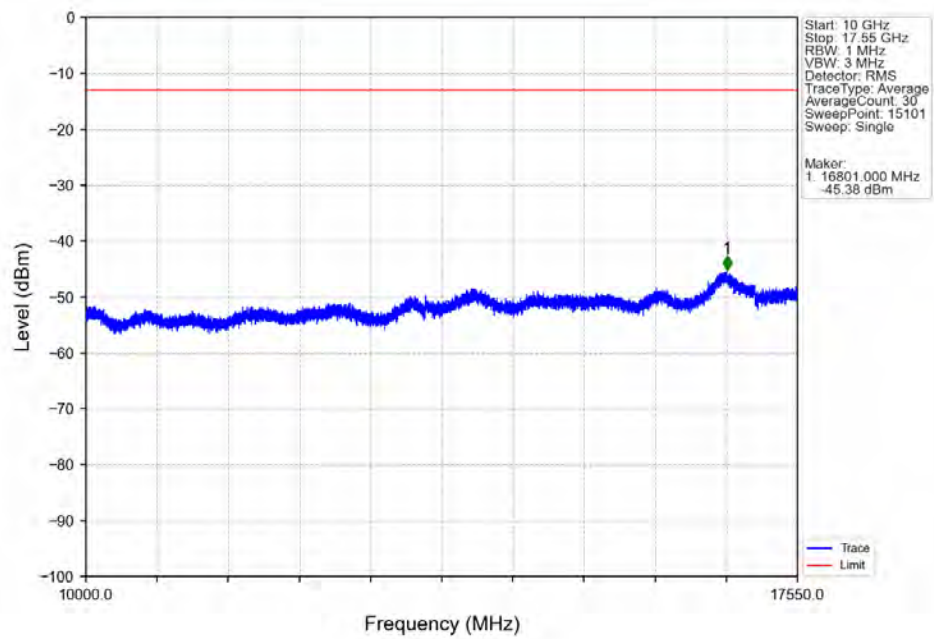


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.72	-13	Pass
1709	1710	0.03	/	2	1709.970	-33.30	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

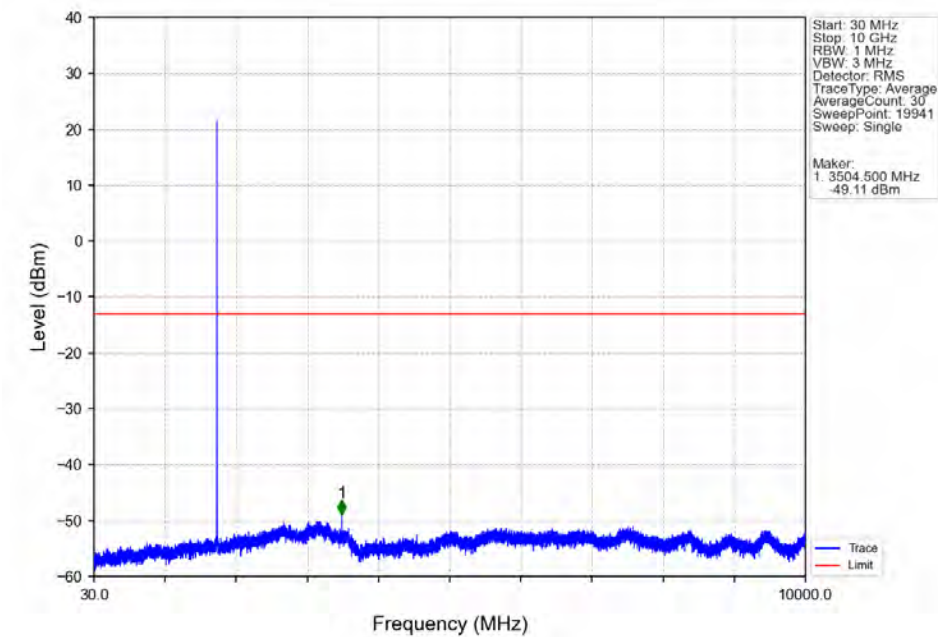
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



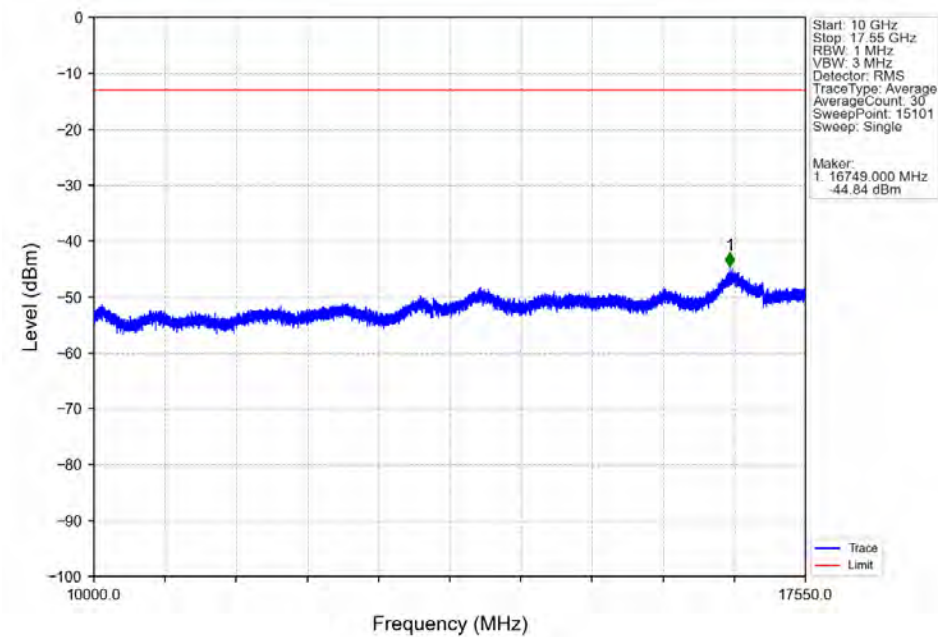
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



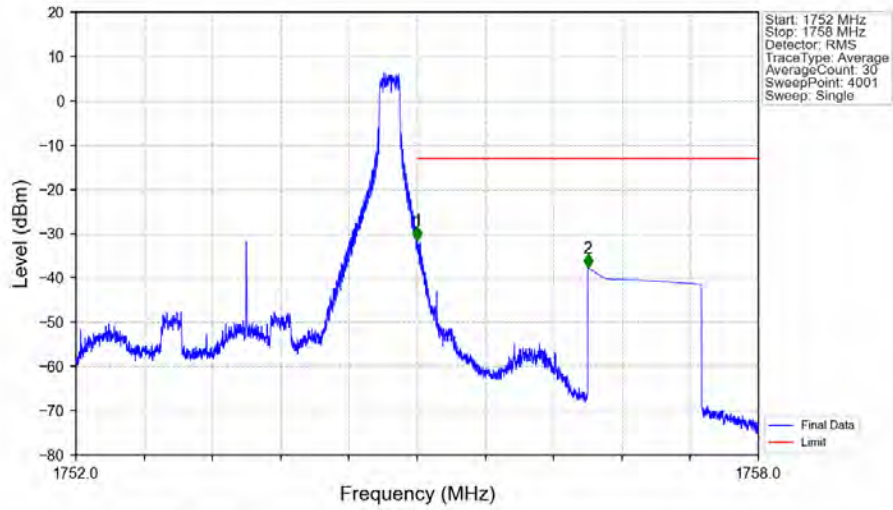
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



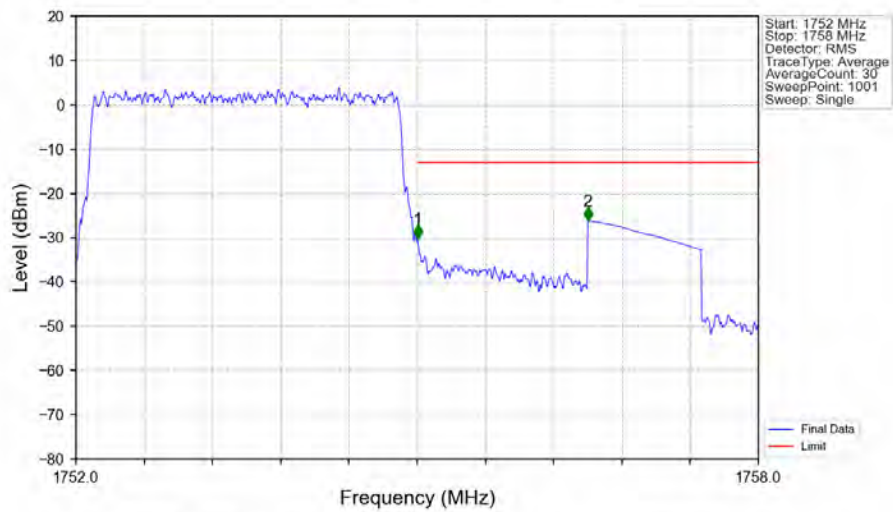
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



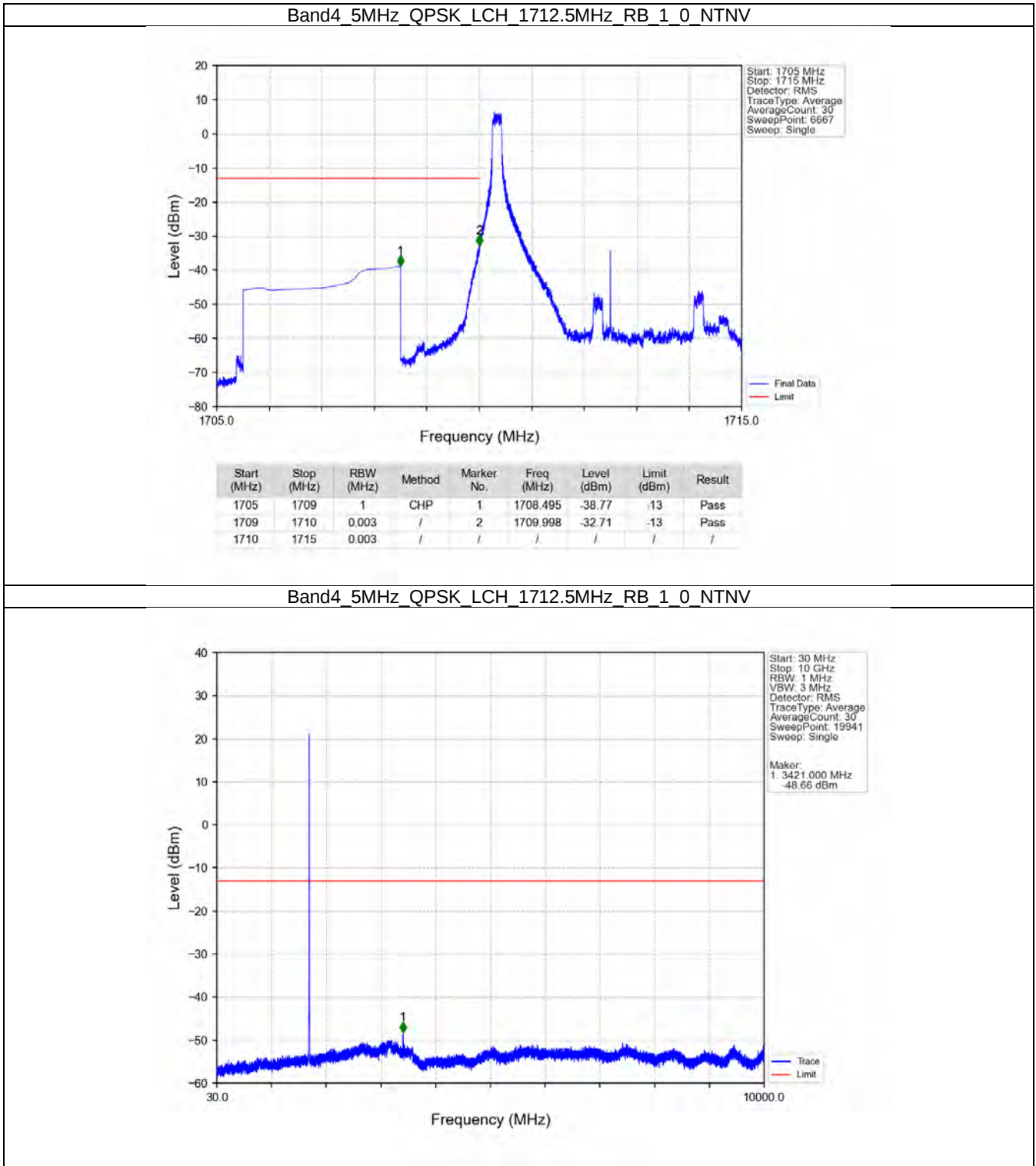
Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTNV



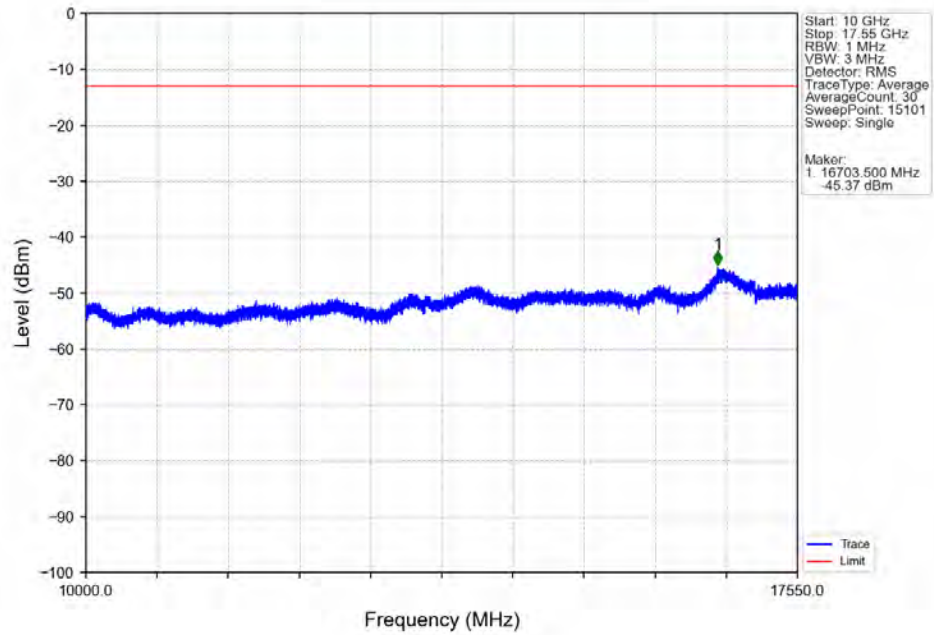
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTNV



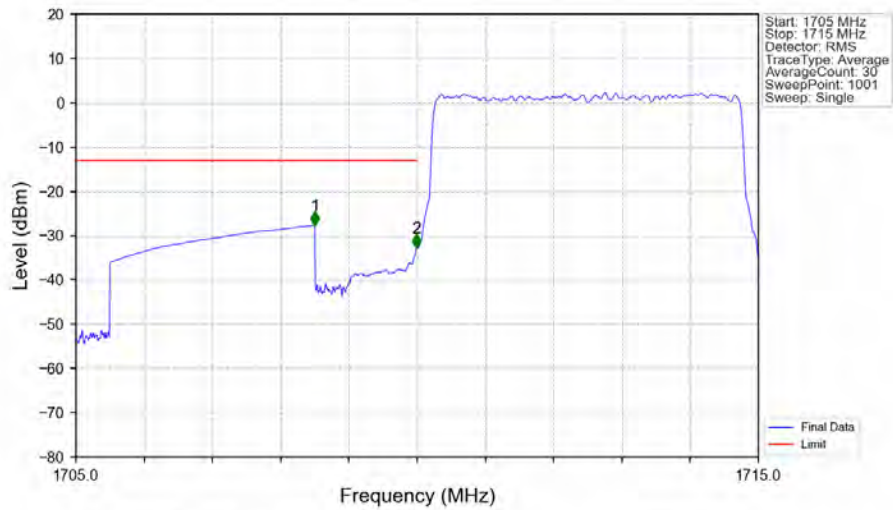
5.2.3 B4_5MHz



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN

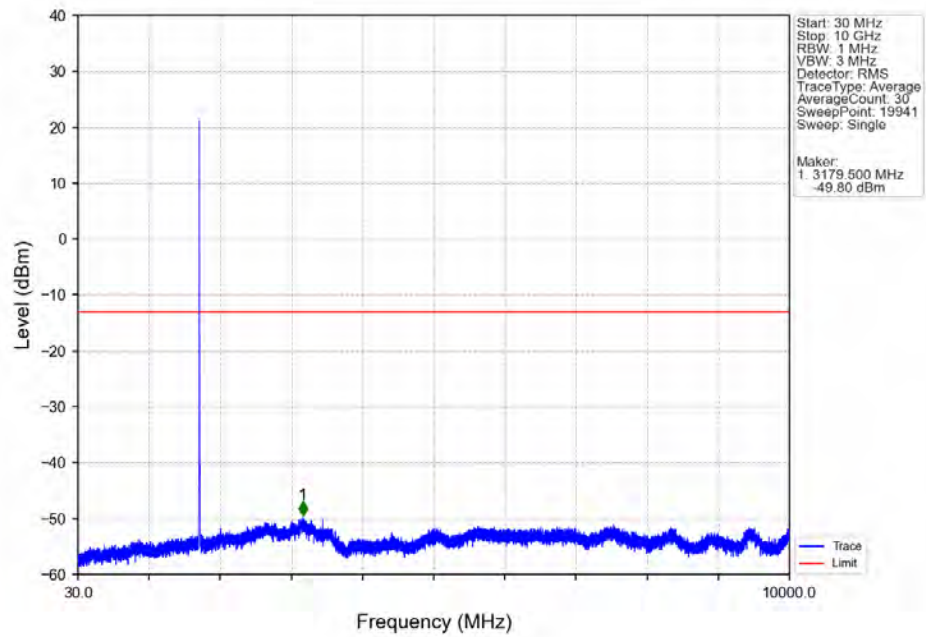


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN

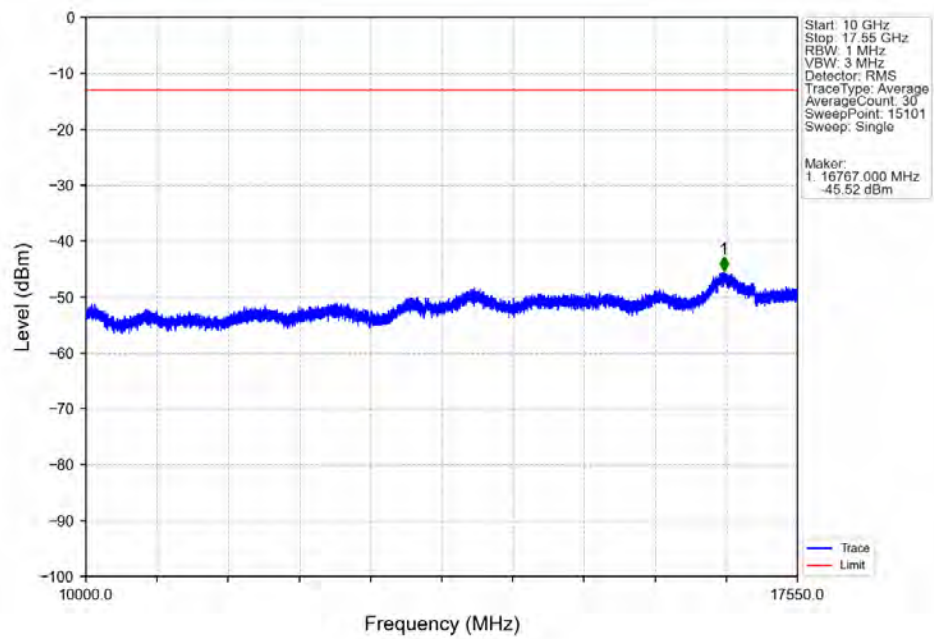


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-27.67	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-32.77	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

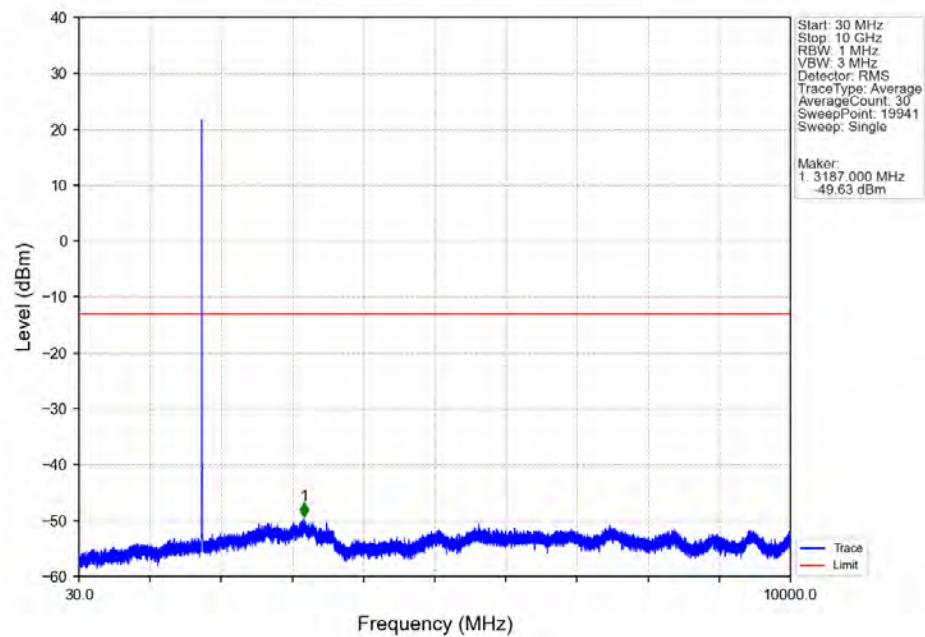
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



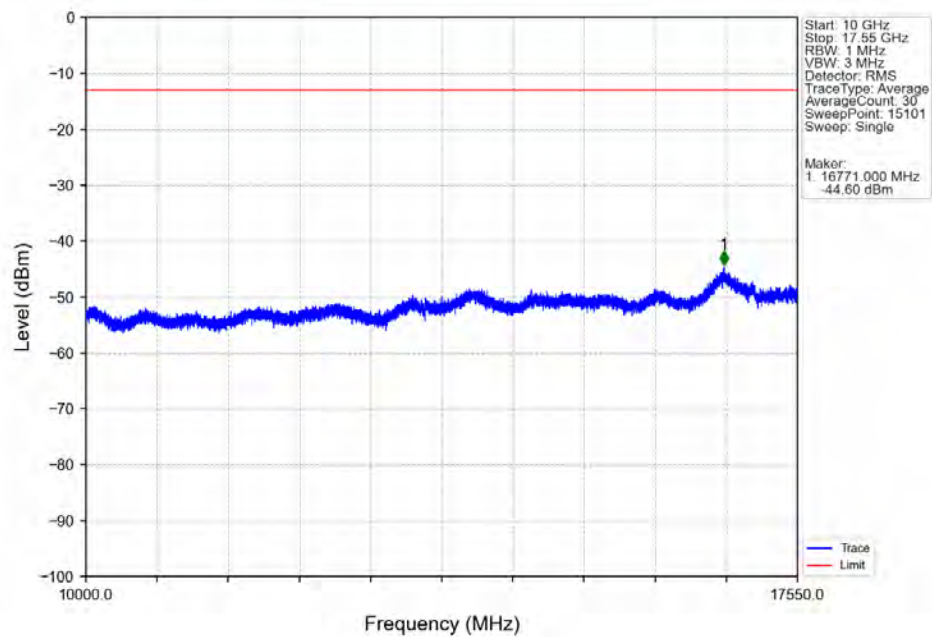
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



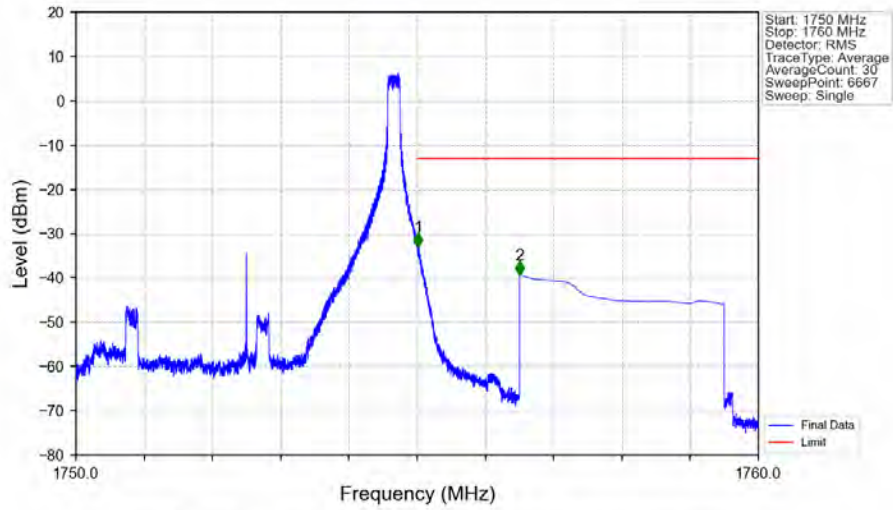
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

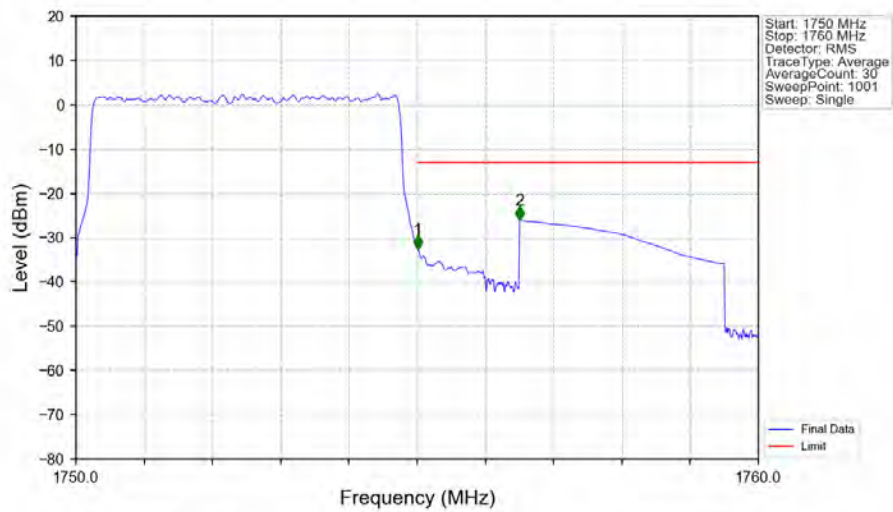


Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTNV



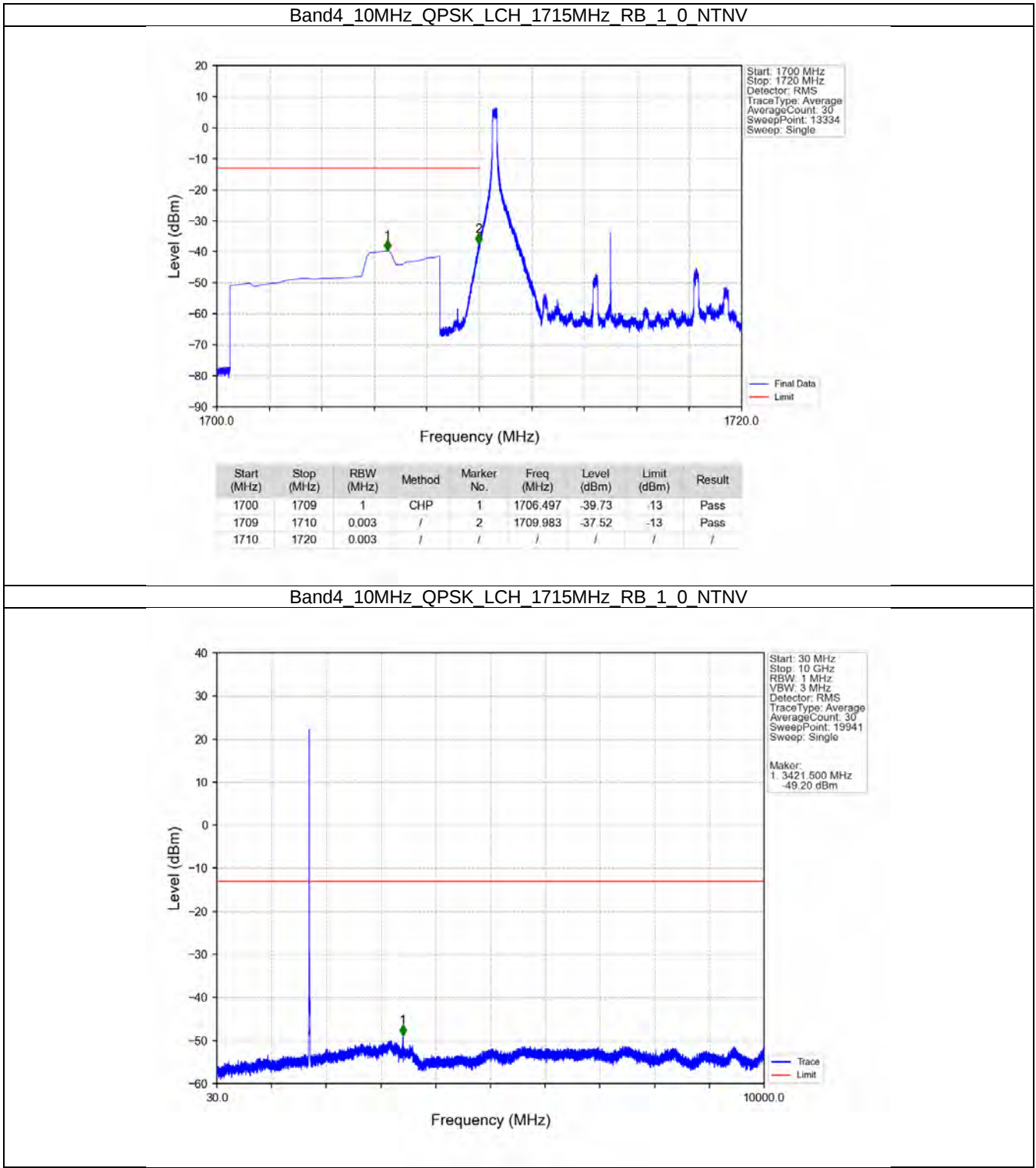
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.014	-32.88	-13	Pass
1756	1760	1	CHP	2	1756.500	-39.39	-13	Pass

Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTNV

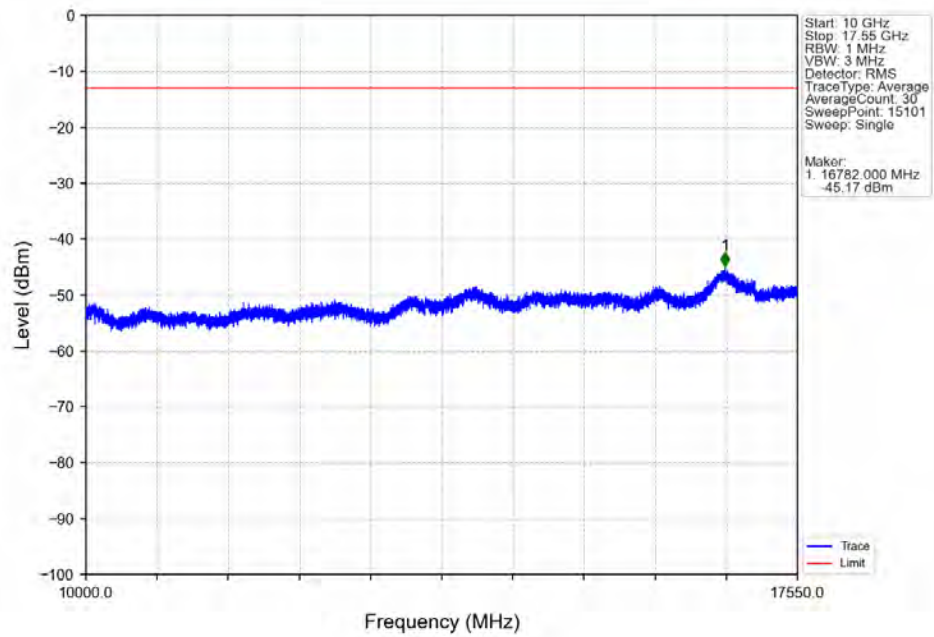


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.051	CHP	/	/	/	/	/
1755	1756	0.051	CHP	1	1755.010	-32.66	-13	Pass
1756	1760	1	CHP	2	1756.500	-26.08	-13	Pass

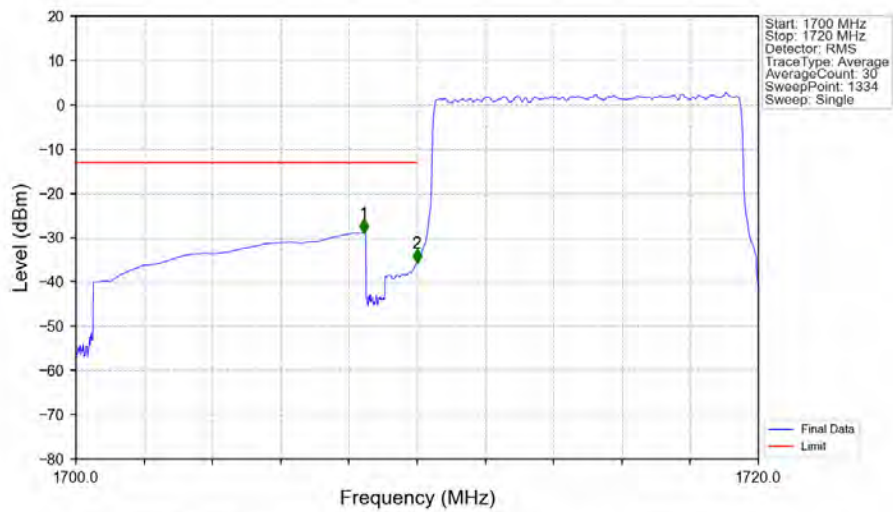
5.2.4 B4_10MHz



Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

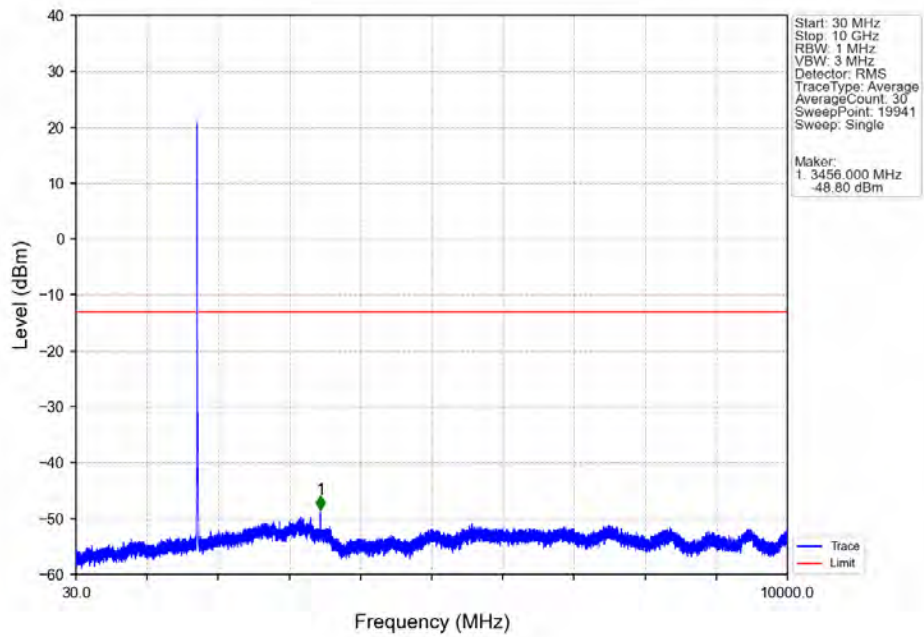


Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

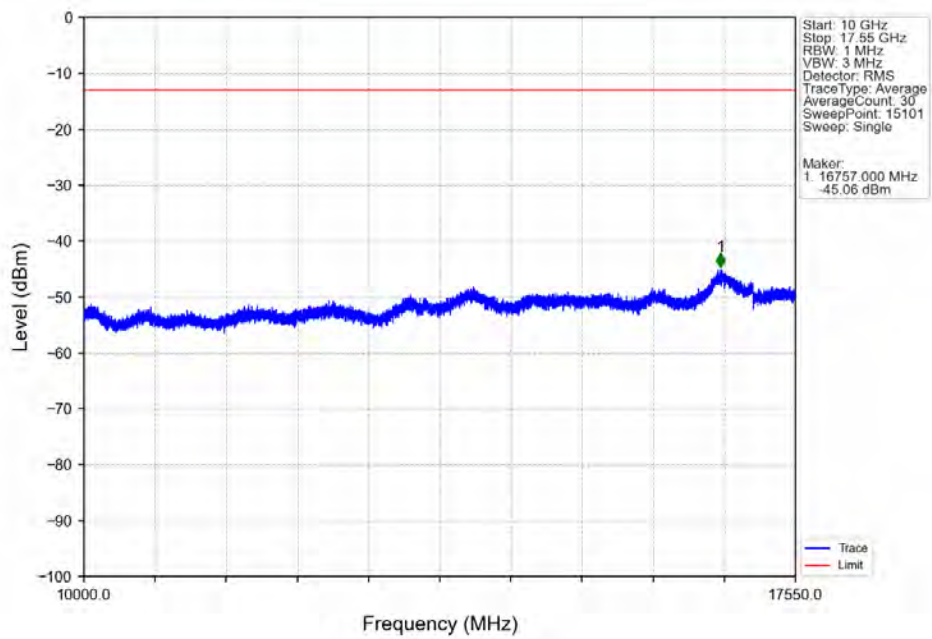


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.432	-28.99	-13	Pass
1709	1710	0.099	CHP	2	1709.992	-35.76	-13	Pass
1710	1720	0.099	CHP	/	/	/	/	/

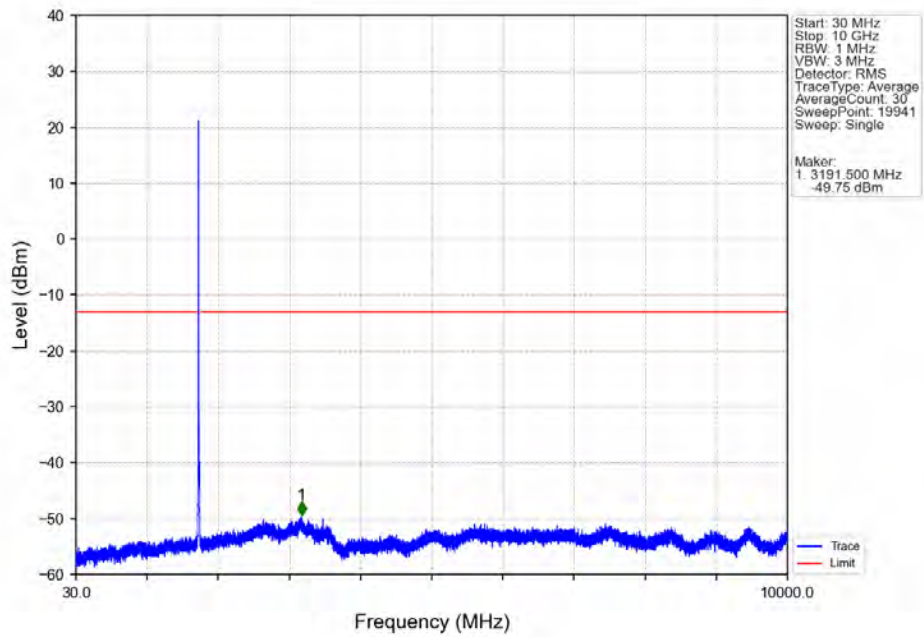
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



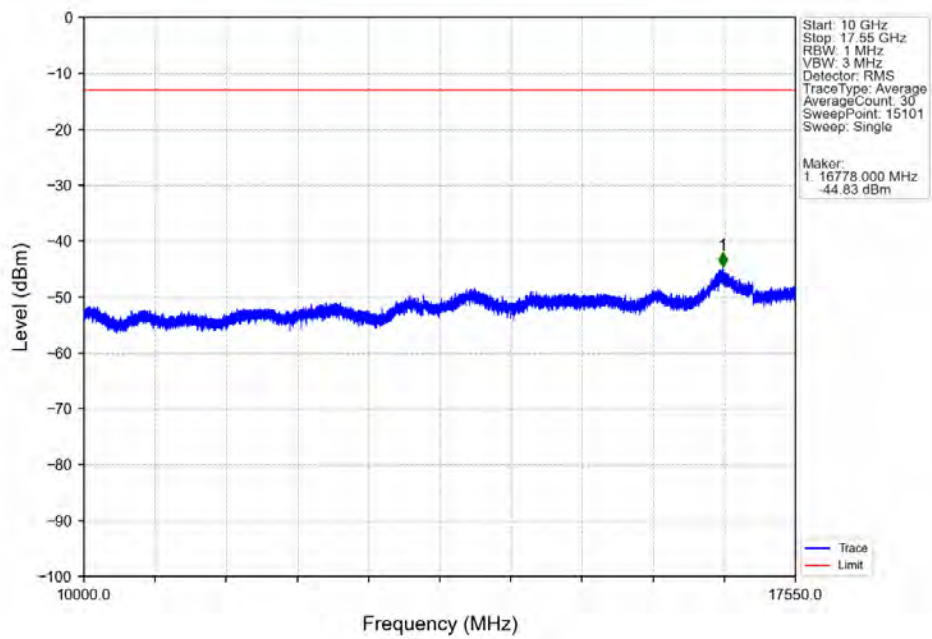
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



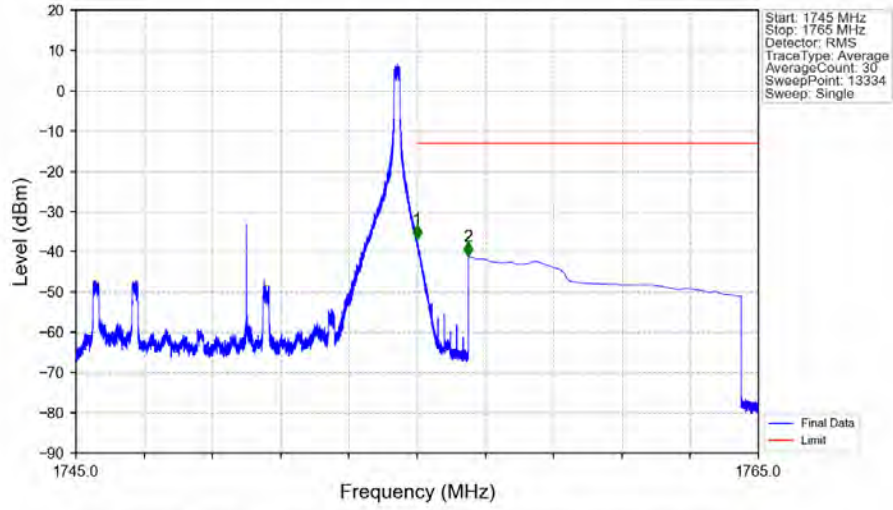
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

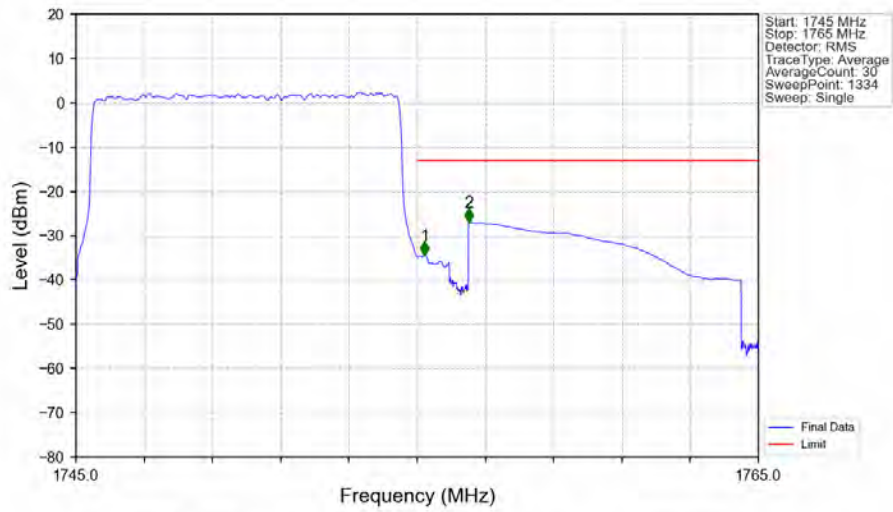


Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



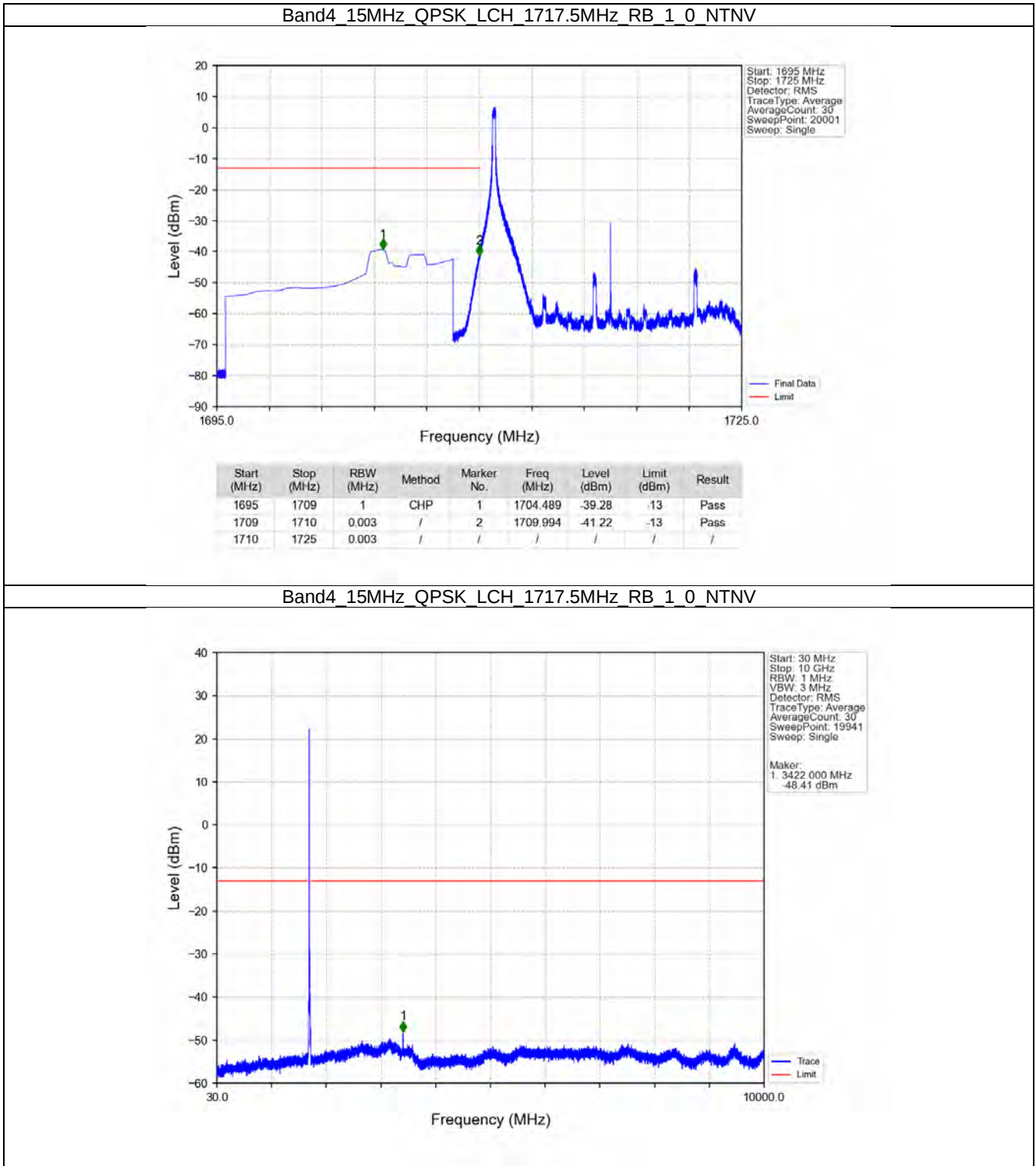
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.001	-36.88	-13	Pass
1756	1765	1	CHP	2	1756.501	-41.12	-13	Pass

Band4 10MHz QPSK HCH 1750MHz RB 50_0 NTNV

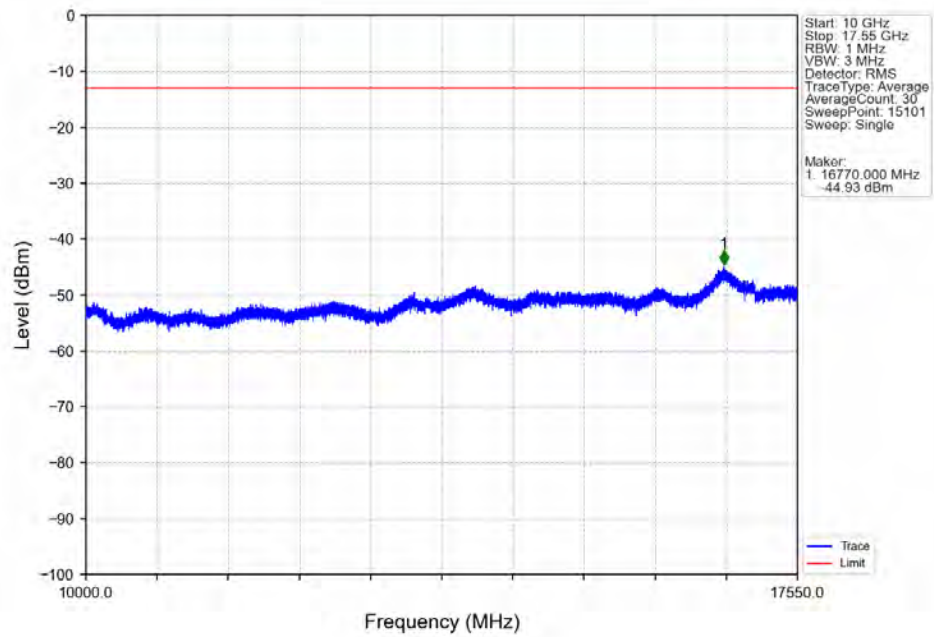


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.099	CHP	/	/	/	/	/
1755	1756	0.099	CHP	1	1755.218	-34.40	-13	Pass
1756	1765	1	CHP	2	1756.508	-26.96	-13	Pass

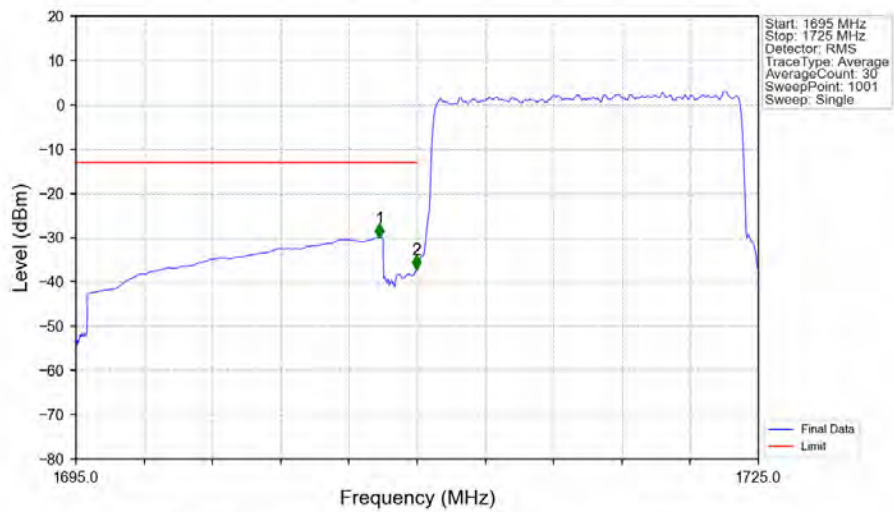
5.2.5 B4_15MHz



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

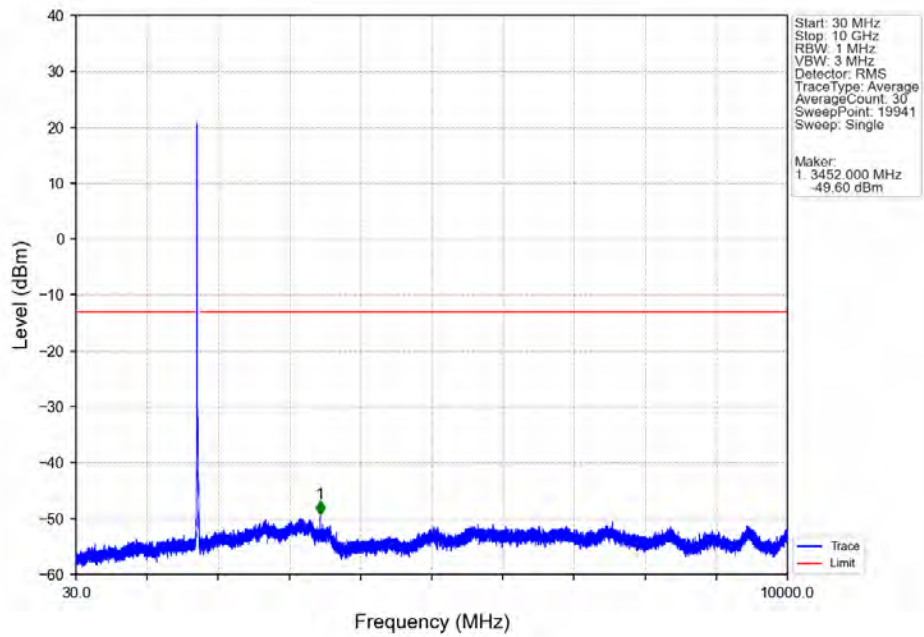


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTV

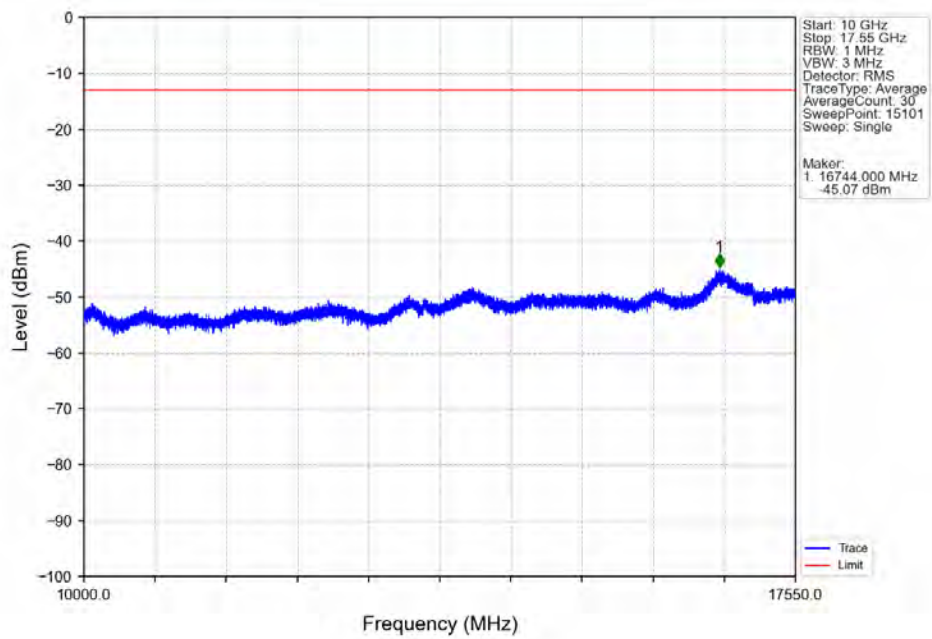


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.350	-30.02	-13	Pass
1709	1710	0.149	CHP	2	1709.970	-37.13	-13	Pass
1710	1725	0.149	CHP	/	/	/	/	/

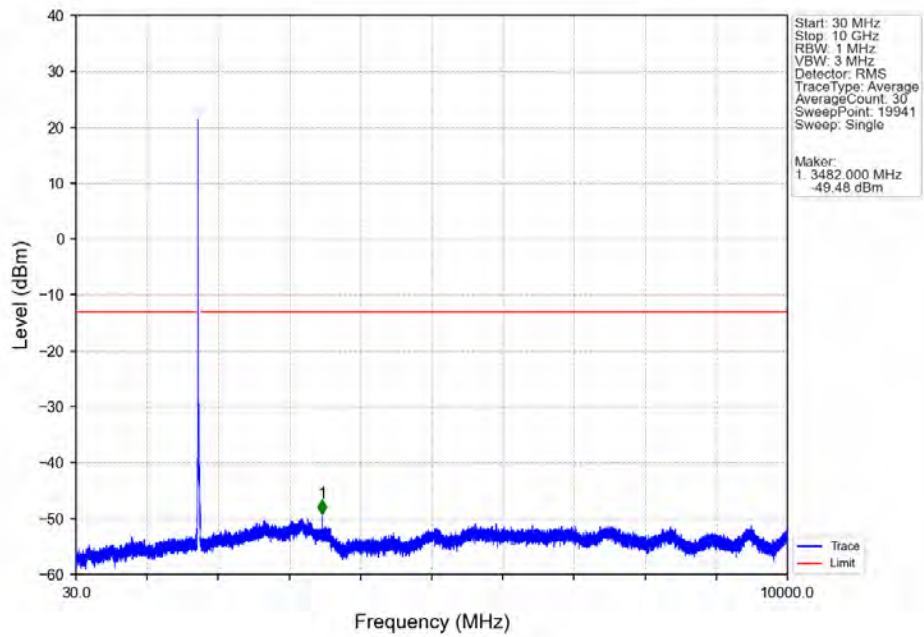
Band4 15MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



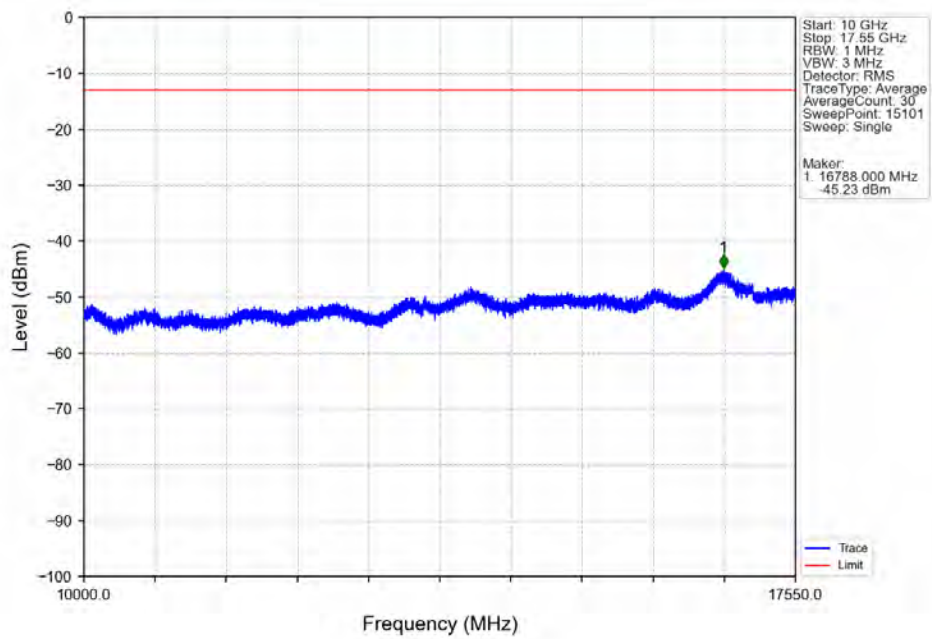
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



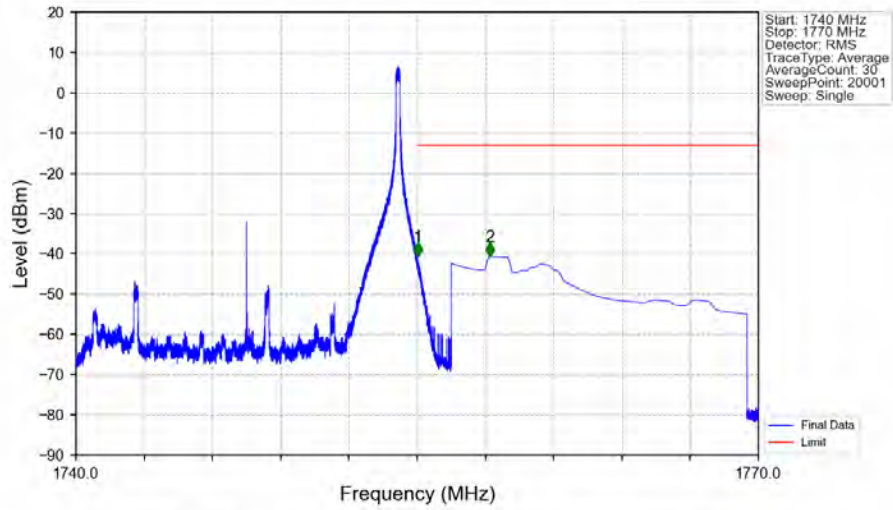
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

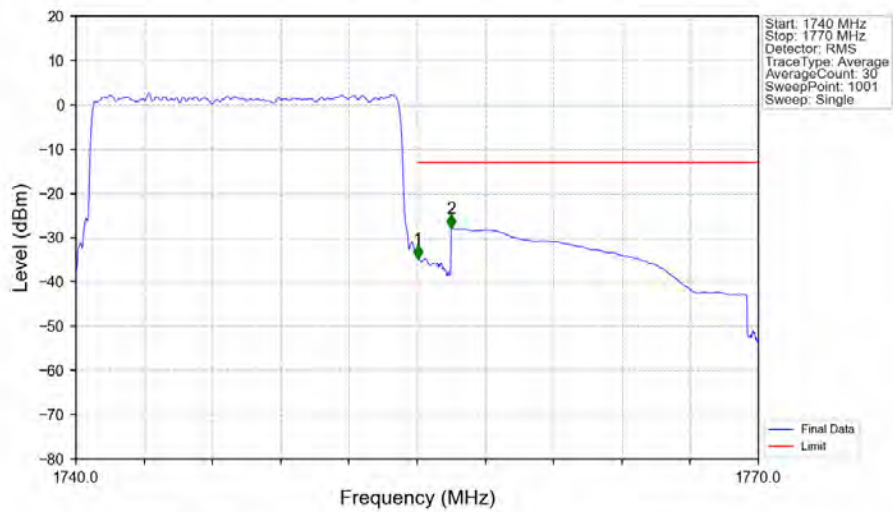


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



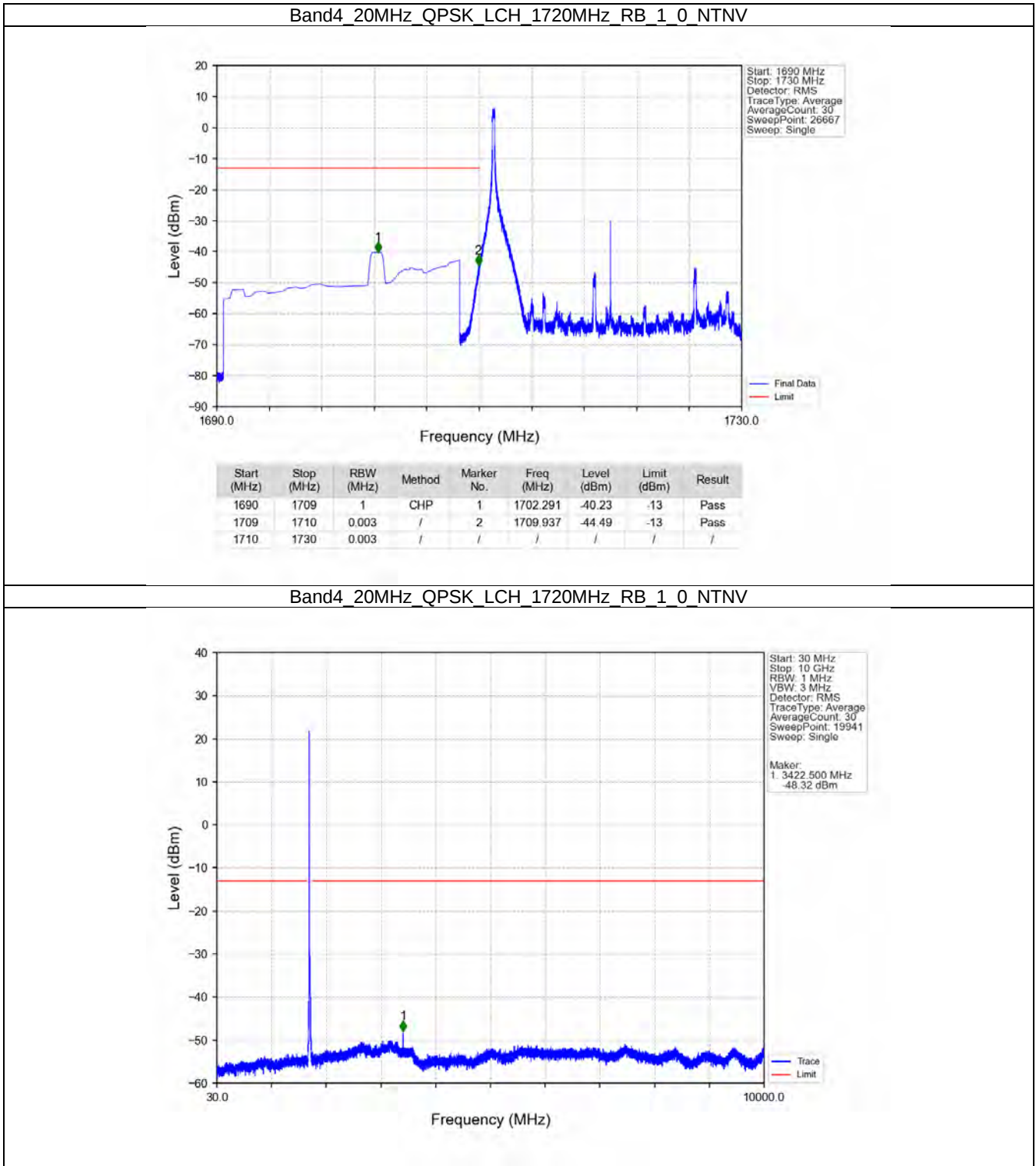
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.020	-40.64	-13	Pass
1756	1770	1	CHP	2	1758.207	-40.67	-13	Pass

Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

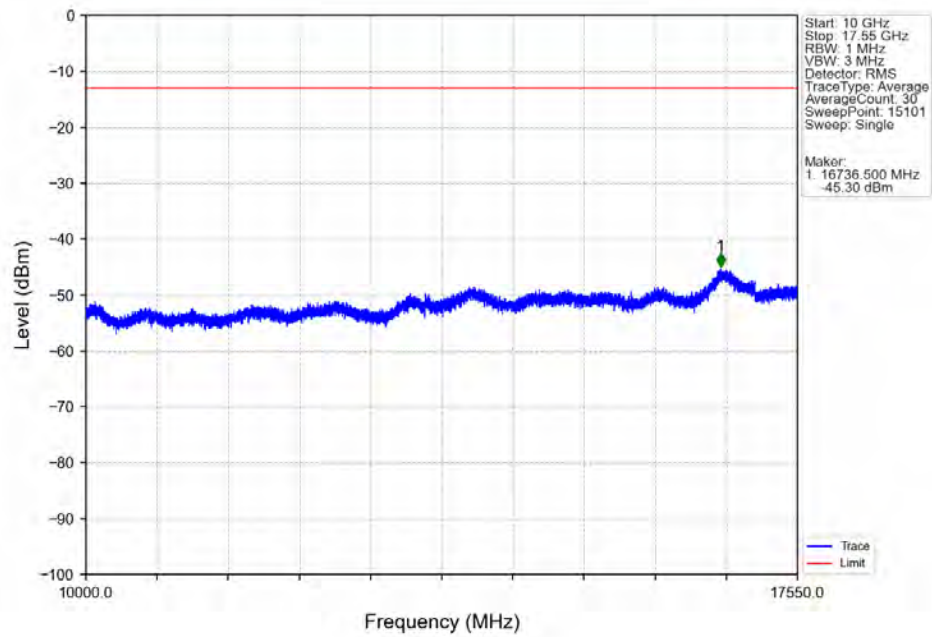


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.149	CHP	/	/	/	/	/
1755	1756	0.149	CHP	1	1755.030	-34.69	-13	Pass
1756	1770	1	CHP	2	1756.500	-27.79	-13	Pass

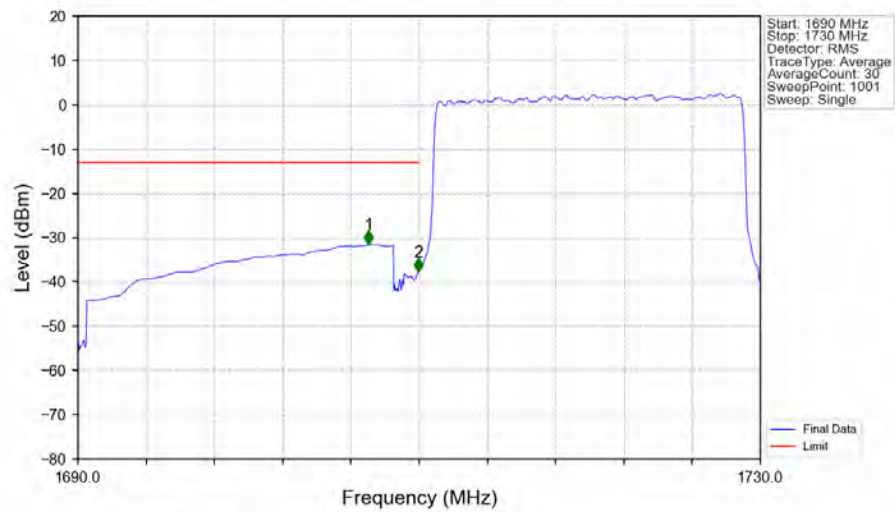
5.2.6 B4_20MHz



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN

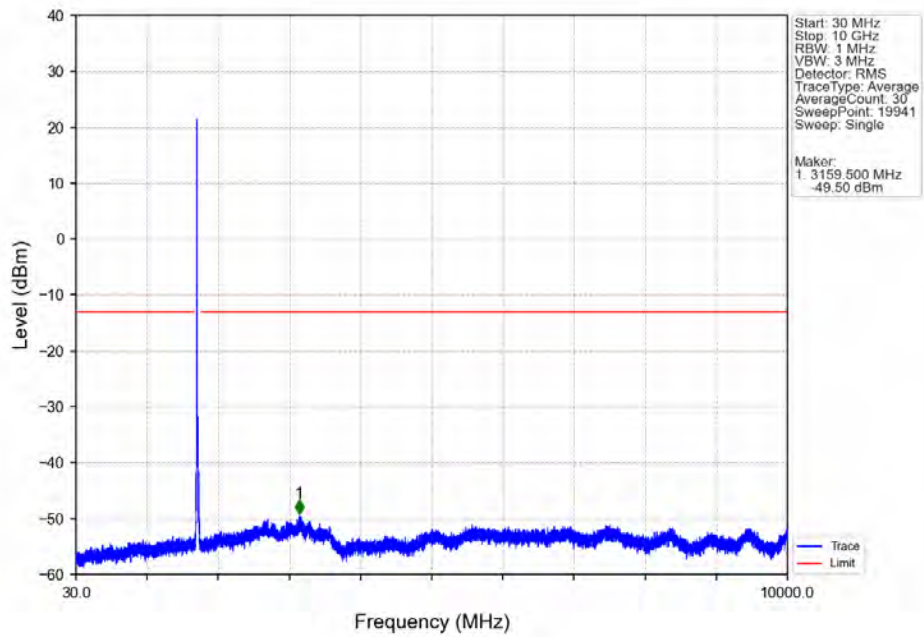


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTN

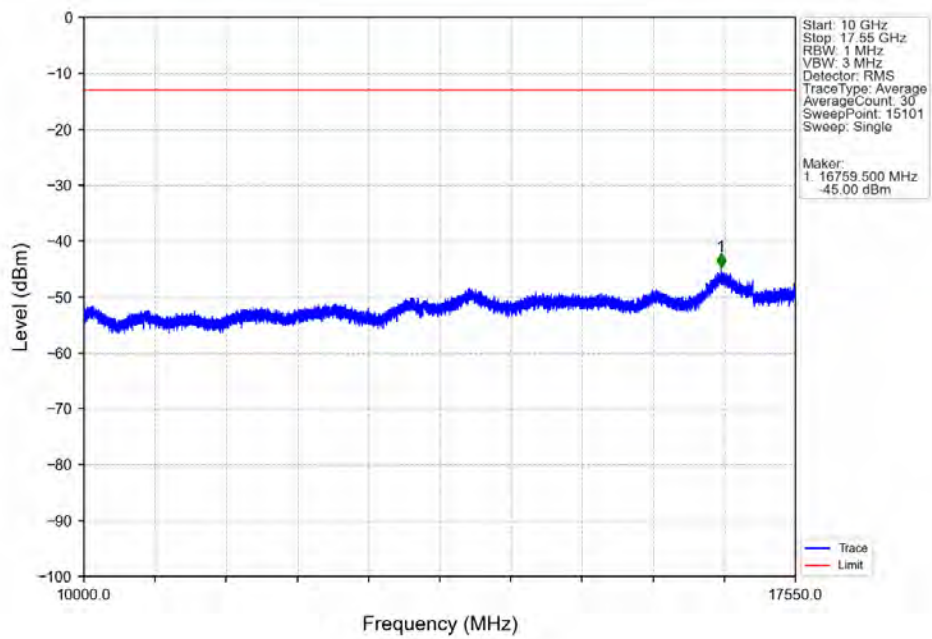


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1707.040	-31.52	-13	Pass
1709	1710	0.199	CHP	2	1709.960	-37.64	-13	Pass
1710	1730	0.199	CHP	/	/	/	/	/

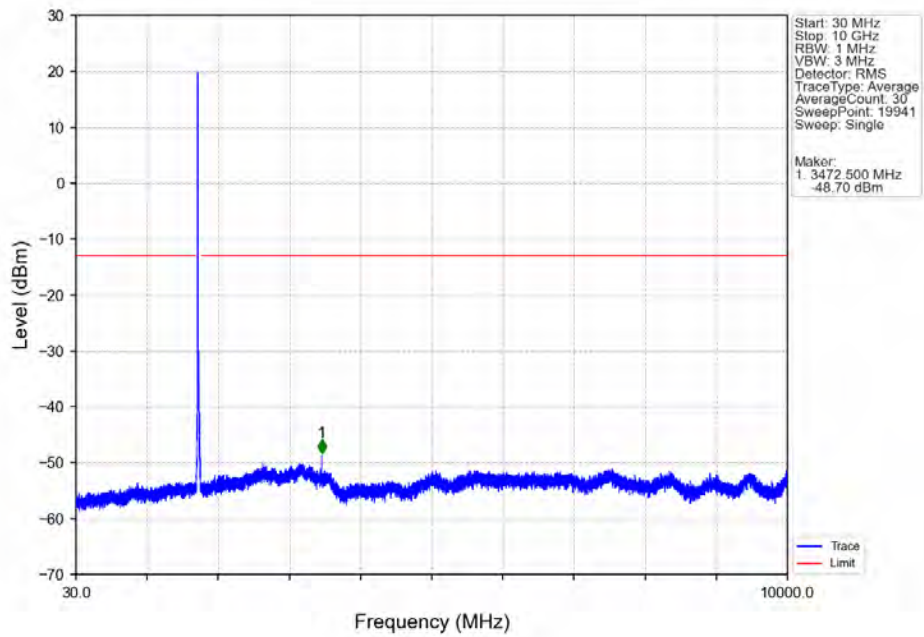
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



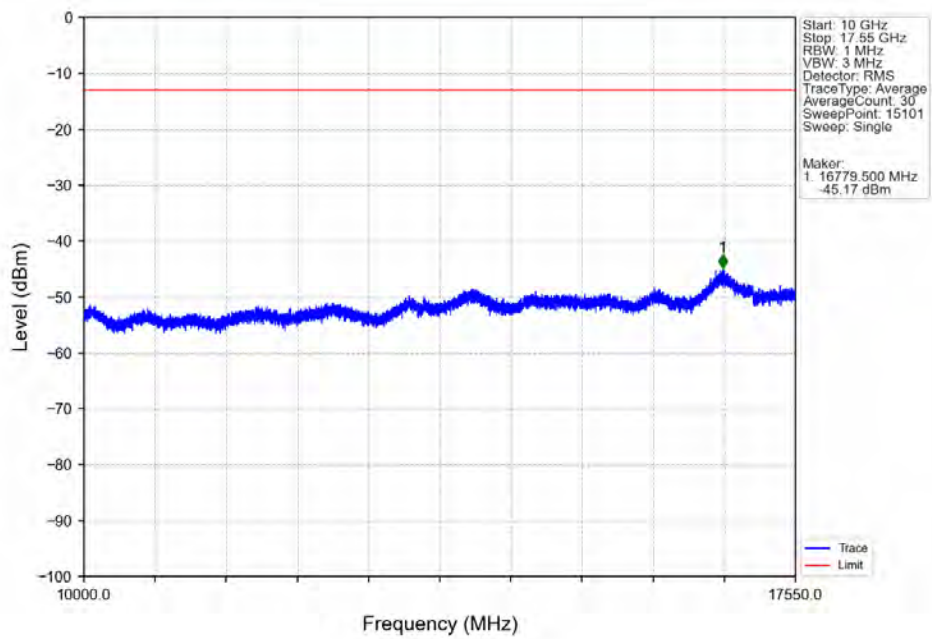
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



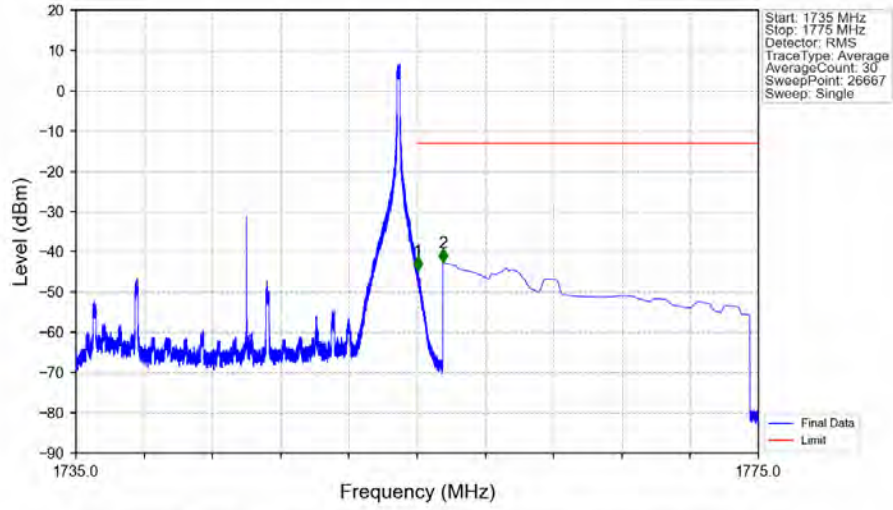
Band4 20MHz QPSK HCH 1745MHz RB 1 0 NTN



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0 NTN

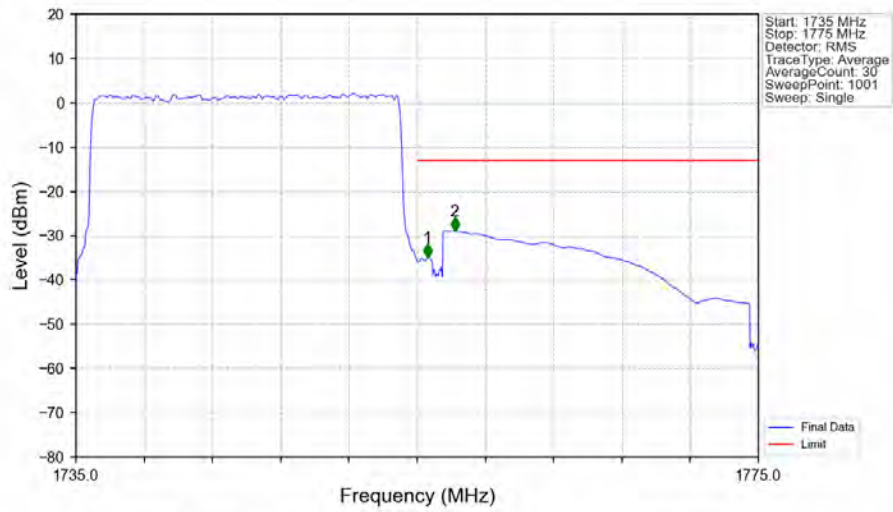


Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



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	1755.032	-44.64	-13	Pass
1756	1775	1	CHP	2	1756.500	-42.68	-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	0.197	CHP	/	/	/	/	/
1755	1756	0.197	CHP	1	1755.600	-34.93	-13	Pass
1756	1775	1	CHP	2	1757.200	-28.96	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 4-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-66.04	-13	-53.04	-70.66	3.36	7.98	Horizontal	Pass
5133.0	-63.35	-13	-50.35	-68.96	4.61	10.22	Horizontal	Pass
6844.0	-61.6	-13	-48.6	-67.63	4.9	10.93	Horizontal	Pass
3422.0	-66.7	-13	-53.7	-71.32	3.36	7.98	Vertical	Pass
5133.0	-63.34	-13	-50.34	-68.95	4.61	10.22	Vertical	Pass
6844.0	-61.21	-13	-48.21	-67.24	4.9	10.93	Vertical	Pass

LTE Band 4-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3447.0	-66.92	-13	-53.92	-71.59	3.37	8.04	Horizontal	Pass
5170.5	-63.12	-13	-50.12	-68.75	4.62	10.25	Horizontal	Pass
6894.0	-61.64	-13	-48.64	-67.73	4.9	10.99	Horizontal	Pass
3447.0	-66.89	-13	-53.89	-71.56	3.37	8.04	Vertical	Pass
5170.5	-63.03	-13	-50.03	-68.66	4.62	10.25	Vertical	Pass
6894.0	-61.53	-13	-48.53	-67.62	4.9	10.99	Vertical	Pass

LTE Band 4-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-66.14	-13	-53.14	-70.85	3.39	8.1	Horizontal	Pass
5208.0	-63.03	-13	-50.03	-68.66	4.64	10.27	Horizontal	Pass
6944.0	-61.55	-13	-48.55	-67.7	4.91	11.06	Horizontal	Pass
3472.0	-66.94	-13	-53.94	-71.65	3.39	8.1	Vertical	Pass
5208.0	-62.79	-13	-49.79	-68.42	4.64	10.27	Vertical	Pass
6944.0	-61.53	-13	-48.53	-67.68	4.91	11.06	Vertical	Pass