

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.99	3.20	26.19	<=30	Pass
			2	23.03	3.20	26.23	<=30	Pass
			5	22.98	3.20	26.18	<=30	Pass
		3	0	22.95	3.20	26.15	<=30	Pass
			2	22.91	3.20	26.11	<=30	Pass
			3	22.99	3.20	26.19	<=30	Pass
		6	0	22.39	3.20	25.59	<=30	Pass
	1745	1	0	22.73	3.20	25.93	<=30	Pass
			2	22.86	3.20	26.06	<=30	Pass
			5	22.92	3.20	26.12	<=30	Pass
		3	0	22.85	3.20	26.05	<=30	Pass
			2	22.89	3.20	26.09	<=30	Pass
			3	22.87	3.20	26.07	<=30	Pass
		6	0	22.34	3.20	25.54	<=30	Pass
	1779.3	1	0	23.20	3.20	26.40	<=30	Pass
			2	23.05	3.20	26.25	<=30	Pass
			5	23.26	3.20	26.46	<=30	Pass
		3	0	23.36	3.20	26.56	<=30	Pass
			2	23.23	3.20	26.43	<=30	Pass
			3	23.21	3.20	26.41	<=30	Pass
		6	0	22.64	3.20	25.84	<=30	Pass
16QAM	1710.7	1	0	22.24	3.20	25.44	<=30	Pass
			2	22.51	3.20	25.71	<=30	Pass
			5	22.39	3.20	25.59	<=30	Pass
		3	0	22.32	3.20	25.52	<=30	Pass
			2	22.27	3.20	25.47	<=30	Pass
			3	22.22	3.20	25.42	<=30	Pass
		6	0	21.38	3.20	24.58	<=30	Pass
	1745	1	0	22.33	3.20	25.53	<=30	Pass
			2	22.50	3.20	25.70	<=30	Pass
			5	22.48	3.20	25.68	<=30	Pass
		3	0	22.22	3.20	25.42	<=30	Pass
			2	22.33	3.20	25.53	<=30	Pass
			3	22.34	3.20	25.54	<=30	Pass
		6	0	21.31	3.20	24.51	<=30	Pass
	1779.3	1	0	22.88	3.20	26.08	<=30	Pass
			2	23.07	3.20	26.27	<=30	Pass
			5	22.92	3.20	26.12	<=30	Pass
		3	0	22.54	3.20	25.74	<=30	Pass
			2	22.60	3.20	25.80	<=30	Pass
			3	22.62	3.20	25.82	<=30	Pass
		6	0	21.78	3.20	24.98	<=30	Pass
64QAM	1710.7	1	0	21.04	3.20	24.24	<=30	Pass
			2	21.18	3.20	24.38	<=30	Pass
			5	21.47	3.20	24.67	<=30	Pass
		3	0	21.31	3.20	24.51	<=30	Pass
			2	21.35	3.20	24.55	<=30	Pass
			3	21.38	3.20	24.58	<=30	Pass
		6	0	20.30	3.20	23.50	<=30	Pass

	1745	1	0	20.92	3.20	24.12	<=30	Pass
			2	21.28	3.20	24.48	<=30	Pass
			5	21.12	3.20	24.32	<=30	Pass
		3	0	21.41	3.20	24.61	<=30	Pass
			2	21.20	3.20	24.40	<=30	Pass
			3	21.08	3.20	24.28	<=30	Pass
		6	0	20.02	3.20	23.22	<=30	Pass
	1779.3	1	0	21.79	3.20	24.99	<=30	Pass
			2	21.50	3.20	24.70	<=30	Pass
			5	21.81	3.20	25.01	<=30	Pass
		3	0	21.76	3.20	24.96	<=30	Pass
			2	21.95	3.20	25.15	<=30	Pass
			3	21.60	3.20	24.80	<=30	Pass
		6	0	20.62	3.20	23.82	<=30	Pass
256QAM	1710.7	1	0	18.32	3.20	21.52	<=30	Pass
			2	18.46	3.20	21.66	<=30	Pass
			5	18.37	3.20	21.57	<=30	Pass
		3	0	18.20	3.20	21.40	<=30	Pass
			2	18.48	3.20	21.68	<=30	Pass
			3	18.44	3.20	21.64	<=30	Pass
		6	0	17.98	3.20	21.18	<=30	Pass
	1745	1	0	18.23	3.20	21.43	<=30	Pass
			2	18.22	3.20	21.42	<=30	Pass
			5	18.44	3.20	21.64	<=30	Pass
		3	0	18.28	3.20	21.48	<=30	Pass
			2	18.31	3.20	21.51	<=30	Pass
			3	18.19	3.20	21.39	<=30	Pass
		6	0	18.05	3.20	21.25	<=30	Pass
	1779.3	1	0	18.73	3.20	21.93	<=30	Pass
			2	18.65	3.20	21.85	<=30	Pass
			5	18.78	3.20	21.98	<=30	Pass
		3	0	18.72	3.20	21.92	<=30	Pass
			2	18.73	3.20	21.93	<=30	Pass
			3	18.78	3.20	21.98	<=30	Pass
		6	0	18.45	3.20	21.65	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / 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	23.09	3.20	26.29	<=30	Pass
			7	23.11	3.20	26.31	<=30	Pass
			14	23.01	3.20	26.21	<=30	Pass
		8	0	22.33	3.20	25.53	<=30	Pass
			4	22.18	3.20	25.38	<=30	Pass
			7	22.25	3.20	25.45	<=30	Pass
		15	0	22.06	3.20	25.26	<=30	Pass
	1745	1	0	22.72	3.20	25.92	<=30	Pass
			7	23.01	3.20	26.21	<=30	Pass
			14	22.94	3.20	26.14	<=30	Pass
		8	0	22.32	3.20	25.52	<=30	Pass
			4	22.28	3.20	25.48	<=30	Pass
			7	22.19	3.20	25.39	<=30	Pass
		15	0	22.31	3.20	25.51	<=30	Pass
	1778.5	1	0	23.37	3.20	26.57	<=30	Pass

		8	7	23.45	3.20	26.65	<=30	Pass
			14	23.17	3.20	26.37	<=30	Pass
			0	22.81	3.20	26.01	<=30	Pass
			4	22.57	3.20	25.77	<=30	Pass
			7	22.78	3.20	25.98	<=30	Pass
		15	0	22.66	3.20	25.86	<=30	Pass
16QAM	1711.5	1	0	22.62	3.20	25.82	<=30	Pass
			7	22.36	3.20	25.56	<=30	Pass
			14	22.46	3.20	25.66	<=30	Pass
		8	0	21.41	3.20	24.61	<=30	Pass
			4	21.41	3.20	24.61	<=30	Pass
			7	21.36	3.20	24.56	<=30	Pass
		15	0	21.31	3.20	24.51	<=30	Pass
	1745	1	0	22.32	3.20	25.52	<=30	Pass
			7	22.43	3.20	25.63	<=30	Pass
			14	22.53	3.20	25.73	<=30	Pass
		8	0	21.34	3.20	24.54	<=30	Pass
			4	21.42	3.20	24.62	<=30	Pass
			7	21.32	3.20	24.52	<=30	Pass
		15	0	21.38	3.20	24.58	<=30	Pass
	1778.5	1	0	22.97	3.20	26.17	<=30	Pass
			7	23.06	3.20	26.26	<=30	Pass
			14	22.92	3.20	26.12	<=30	Pass
		8	0	21.88	3.20	25.08	<=30	Pass
			4	21.92	3.20	25.12	<=30	Pass
			7	21.83	3.20	25.03	<=30	Pass
		15	0	21.71	3.20	24.91	<=30	Pass
64QAM	1711.5	1	0	21.45	3.20	24.65	<=30	Pass
			7	21.46	3.20	24.66	<=30	Pass
			14	21.52	3.20	24.72	<=30	Pass
		8	0	20.18	3.20	23.38	<=30	Pass
			4	20.47	3.20	23.67	<=30	Pass
			7	20.41	3.20	23.61	<=30	Pass
		15	0	20.30	3.20	23.50	<=30	Pass
	1745	1	0	21.34	3.20	24.54	<=30	Pass
			7	21.12	3.20	24.32	<=30	Pass
			14	21.59	3.20	24.79	<=30	Pass
		8	0	20.35	3.20	23.55	<=30	Pass
			4	20.09	3.20	23.29	<=30	Pass
			7	20.34	3.20	23.54	<=30	Pass
		15	0	20.29	3.20	23.49	<=30	Pass
	1778.5	1	0	21.44	3.20	24.64	<=30	Pass
			7	21.94	3.20	25.14	<=30	Pass
			14	21.77	3.20	24.97	<=30	Pass
		8	0	20.82	3.20	24.02	<=30	Pass
			4	20.80	3.20	24.00	<=30	Pass
			7	20.83	3.20	24.03	<=30	Pass
		15	0	20.71	3.20	23.91	<=30	Pass
256QAM	1711.5	1	0	18.05	3.20	21.25	<=30	Pass
			7	18.35	3.20	21.55	<=30	Pass
			14	18.16	3.20	21.36	<=30	Pass
		8	0	18.33	3.20	21.53	<=30	Pass
			4	18.20	3.20	21.40	<=30	Pass
			7	18.37	3.20	21.57	<=30	Pass
		15	0	18.33	3.20	21.53	<=30	Pass
	1745	1	0	18.31	3.20	21.51	<=30	Pass
			7	18.40	3.20	21.60	<=30	Pass
			14	18.35	3.20	21.55	<=30	Pass
		8	0	18.34	3.20	21.54	<=30	Pass

			4	18.26	3.20	21.46	<=30	Pass
			7	18.20	3.20	21.40	<=30	Pass
		15	0	18.23	3.20	21.43	<=30	Pass
	1778.5	1	0	18.92	3.20	22.12	<=30	Pass
			7	18.81	3.20	22.01	<=30	Pass
			14	18.67	3.20	21.87	<=30	Pass
		8	0	18.76	3.20	21.96	<=30	Pass
			4	18.59	3.20	21.79	<=30	Pass
			7	18.65	3.20	21.85	<=30	Pass
		15	0	18.76	3.20	21.96	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / 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	23.25	3.20	26.45	<=30	Pass
			13	23.00	3.20	26.20	<=30	Pass
			24	23.09	3.20	26.29	<=30	Pass
		12	0	22.31	3.20	25.51	<=30	Pass
			6	22.41	3.20	25.61	<=30	Pass
			13	22.37	3.20	25.57	<=30	Pass
		25	0	22.41	3.20	25.61	<=30	Pass
	1745	1	0	23.07	3.20	26.27	<=30	Pass
			13	22.91	3.20	26.11	<=30	Pass
			24	23.16	3.20	26.36	<=30	Pass
		12	0	22.28	3.20	25.48	<=30	Pass
			6	22.38	3.20	25.58	<=30	Pass
			13	22.31	3.20	25.51	<=30	Pass
		25	0	22.35	3.20	25.55	<=30	Pass
	1777.5	1	0	23.41	3.20	26.61	<=30	Pass
			13	23.37	3.20	26.57	<=30	Pass
			24	23.44	3.20	26.64	<=30	Pass
		12	0	22.82	3.20	26.02	<=30	Pass
			6	22.83	3.20	26.03	<=30	Pass
			13	22.79	3.20	25.99	<=30	Pass
		25	0	22.79	3.20	25.99	<=30	Pass
16QAM	1712.5	1	0	22.74	3.20	25.94	<=30	Pass
			13	22.62	3.20	25.82	<=30	Pass
			24	22.87	3.20	26.07	<=30	Pass
		12	0	21.23	3.20	24.43	<=30	Pass
			6	21.37	3.20	24.57	<=30	Pass
			13	21.15	3.20	24.35	<=30	Pass
		25	0	21.45	3.20	24.65	<=30	Pass
	1745	1	0	22.56	3.20	25.76	<=30	Pass
			13	22.47	3.20	25.67	<=30	Pass
			24	22.75	3.20	25.95	<=30	Pass
		12	0	21.25	3.20	24.45	<=30	Pass
			6	21.31	3.20	24.51	<=30	Pass
			13	21.20	3.20	24.40	<=30	Pass
		25	0	21.17	3.20	24.37	<=30	Pass
	1777.5	1	0	23.00	3.20	26.20	<=30	Pass
			13	22.92	3.20	26.12	<=30	Pass
			24	22.73	3.20	25.93	<=30	Pass
		12	0	21.68	3.20	24.88	<=30	Pass
			6	21.85	3.20	25.05	<=30	Pass

64QAM	1712.5	25	13	21.82	3.20	25.02	<=30	Pass
			0	21.70	3.20	24.90	<=30	Pass
	1712.5	1	0	21.38	3.20	24.58	<=30	Pass
			13	21.54	3.20	24.74	<=30	Pass
			24	21.31	3.20	24.51	<=30	Pass
		12	0	20.45	3.20	23.65	<=30	Pass
			6	20.27	3.20	23.47	<=30	Pass
			13	20.26	3.20	23.46	<=30	Pass
		25	0	20.38	3.20	23.58	<=30	Pass
	1745	1	0	21.41	3.20	24.61	<=30	Pass
			13	21.38	3.20	24.58	<=30	Pass
			24	21.60	3.20	24.80	<=30	Pass
		12	0	20.30	3.20	23.50	<=30	Pass
			6	20.27	3.20	23.47	<=30	Pass
			13	20.35	3.20	23.55	<=30	Pass
		25	0	20.18	3.20	23.38	<=30	Pass
	1777.5	1	0	21.54	3.20	24.74	<=30	Pass
			13	21.87	3.20	25.07	<=30	Pass
			24	21.60	3.20	24.80	<=30	Pass
		12	0	20.69	3.20	23.89	<=30	Pass
			6	20.89	3.20	24.09	<=30	Pass
			13	20.76	3.20	23.96	<=30	Pass
		25	0	20.50	3.20	23.70	<=30	Pass
256QAM	1712.5	1	0	18.50	3.20	21.70	<=30	Pass
			13	18.49	3.20	21.69	<=30	Pass
			24	18.63	3.20	21.83	<=30	Pass
		12	0	18.28	3.20	21.48	<=30	Pass
			6	18.29	3.20	21.49	<=30	Pass
			13	18.25	3.20	21.45	<=30	Pass
		25	0	18.25	3.20	21.45	<=30	Pass
	1745	1	0	18.42	3.20	21.62	<=30	Pass
			13	18.26	3.20	21.46	<=30	Pass
			24	18.40	3.20	21.60	<=30	Pass
		12	0	18.24	3.20	21.44	<=30	Pass
			6	18.34	3.20	21.54	<=30	Pass
			13	18.26	3.20	21.46	<=30	Pass
		25	0	18.35	3.20	21.55	<=30	Pass
	1777.5	1	0	18.74	3.20	21.94	<=30	Pass
			13	18.50	3.20	21.70	<=30	Pass
			24	18.57	3.20	21.77	<=30	Pass
		12	0	18.75	3.20	21.95	<=30	Pass
			6	18.78	3.20	21.98	<=30	Pass
			13	18.59	3.20	21.79	<=30	Pass
		25	0	18.66	3.20	21.86	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.18	3.20	26.38	<=30	Pass
			25	22.98	3.20	26.18	<=30	Pass
			49	23.27	3.20	26.47	<=30	Pass
		25	0	22.31	3.20	25.51	<=30	Pass
			13	22.44	3.20	25.64	<=30	Pass
			25	22.58	3.20	25.78	<=30	Pass

		50	0	22.37	3.20	25.57	<=30	Pass	
		1745	1	0	23.15	3.20	26.35	<=30	Pass
				25	22.83	3.20	26.03	<=30	Pass
				49	23.33	3.20	26.53	<=30	Pass
				0	22.34	3.20	25.54	<=30	Pass
			25	13	22.30	3.20	25.50	<=30	Pass
				25	22.29	3.20	25.49	<=30	Pass
		50	0	22.52	3.20	25.72	<=30	Pass	
		1775	1	0	23.01	3.20	26.21	<=30	Pass
				25	23.31	3.20	26.51	<=30	Pass
				49	23.42	3.20	26.62	<=30	Pass
			25	0	22.64	3.20	25.84	<=30	Pass
				13	22.71	3.20	25.91	<=30	Pass
				25	22.86	3.20	26.06	<=30	Pass
			50	0	22.59	3.20	25.79	<=30	Pass
			16QAM	1715	1	0	22.61	3.20	25.81
25	22.36	3.20				25.56	<=30	Pass	
49	22.75	3.20				25.95	<=30	Pass	
25	0	21.30			3.20	24.50	<=30	Pass	
	13	21.56			3.20	24.76	<=30	Pass	
	25	21.56			3.20	24.76	<=30	Pass	
50	0	21.43			3.20	24.63	<=30	Pass	
1745	1	0		22.56	3.20	25.76	<=30	Pass	
		25		22.18	3.20	25.38	<=30	Pass	
		49		22.94	3.20	26.14	<=30	Pass	
	25	0		21.33	3.20	24.53	<=30	Pass	
		13		21.22	3.20	24.42	<=30	Pass	
		25		21.36	3.20	24.56	<=30	Pass	
50	0	21.49		3.20	24.69	<=30	Pass		
1775	1	0		22.49	3.20	25.69	<=30	Pass	
		25		22.88	3.20	26.08	<=30	Pass	
		49		22.96	3.20	26.16	<=30	Pass	
	25	0		21.36	3.20	24.56	<=30	Pass	
		13		21.47	3.20	24.67	<=30	Pass	
		25		21.51	3.20	24.71	<=30	Pass	
	50	0	21.66	3.20	24.86	<=30	Pass		
64QAM	1715	1	0	21.59	3.20	24.79	<=30	Pass	
			25	21.57	3.20	24.77	<=30	Pass	
			49	21.76	3.20	24.96	<=30	Pass	
		25	0	20.35	3.20	23.55	<=30	Pass	
			13	20.44	3.20	23.64	<=30	Pass	
			25	20.52	3.20	23.72	<=30	Pass	
		50	0	20.16	3.20	23.36	<=30	Pass	
	1745	1	0	21.17	3.20	24.37	<=30	Pass	
			25	21.32	3.20	24.52	<=30	Pass	
			49	21.62	3.20	24.82	<=30	Pass	
		25	0	20.23	3.20	23.43	<=30	Pass	
			13	20.39	3.20	23.59	<=30	Pass	
			25	20.31	3.20	23.51	<=30	Pass	
	50	0	20.53	3.20	23.73	<=30	Pass		
	1775	1	0	21.32	3.20	24.52	<=30	Pass	
			25	21.81	3.20	25.01	<=30	Pass	
			49	21.78	3.20	24.98	<=30	Pass	
		25	0	20.30	3.20	23.50	<=30	Pass	
			13	20.56	3.20	23.76	<=30	Pass	
25			20.80	3.20	24.00	<=30	Pass		
50		0	20.41	3.20	23.61	<=30	Pass		
256QAM	1715	1	0	18.21	3.20	21.41	<=30	Pass	
25	18.38		3.20	21.58	<=30	Pass			

			49	18.64	3.20	21.84	<=30	Pass
		25	0	18.37	3.20	21.57	<=30	Pass
			13	18.43	3.20	21.63	<=30	Pass
			25	18.54	3.20	21.74	<=30	Pass
		50	0	18.35	3.20	21.55	<=30	Pass
	1745	1	0	18.39	3.20	21.59	<=30	Pass
			25	18.43	3.20	21.63	<=30	Pass
			49	18.77	3.20	21.97	<=30	Pass
		25	0	18.24	3.20	21.44	<=30	Pass
			13	18.36	3.20	21.56	<=30	Pass
			25	18.53	3.20	21.73	<=30	Pass
		50	0	18.30	3.20	21.50	<=30	Pass
	1775	1	0	18.49	3.20	21.69	<=30	Pass
			25	18.72	3.20	21.92	<=30	Pass
			49	18.88	3.20	22.08	<=30	Pass
		25	0	18.44	3.20	21.64	<=30	Pass
			13	18.63	3.20	21.83	<=30	Pass
			25	18.73	3.20	21.93	<=30	Pass
		50	0	18.59	3.20	21.79	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.5 B66_15MHz_EIRP

Band: 66 / 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	23.00	3.20	26.20	<=30	Pass
			38	23.06	3.20	26.26	<=30	Pass
			74	23.52	3.20	26.72	<=30	Pass
		36	0	22.37	3.20	25.57	<=30	Pass
			18	22.57	3.20	25.77	<=30	Pass
			39	22.67	3.20	25.87	<=30	Pass
		75	0	22.59	3.20	25.79	<=30	Pass
	1745	1	0	23.11	3.20	26.31	<=30	Pass
			38	22.66	3.20	25.86	<=30	Pass
			74	23.45	3.20	26.65	<=30	Pass
		36	0	22.30	3.20	25.50	<=30	Pass
			18	22.24	3.20	25.44	<=30	Pass
			39	22.39	3.20	25.59	<=30	Pass
		75	0	22.48	3.20	25.68	<=30	Pass
	1772.5	1	0	22.67	3.20	25.87	<=30	Pass
			38	23.03	3.20	26.23	<=30	Pass
			74	23.31	3.20	26.51	<=30	Pass
		36	0	22.13	3.20	25.33	<=30	Pass
			18	22.36	3.20	25.56	<=30	Pass
			39	22.59	3.20	25.79	<=30	Pass
		75	0	22.55	3.20	25.75	<=30	Pass
16QAM	1717.5	1	0	22.57	3.20	25.77	<=30	Pass
			38	22.69	3.20	25.89	<=30	Pass
			74	22.91	3.20	26.11	<=30	Pass
		36	0	21.29	3.20	24.49	<=30	Pass
			18	21.52	3.20	24.72	<=30	Pass
			39	21.59	3.20	24.79	<=30	Pass
		75	0	21.43	3.20	24.63	<=30	Pass
	1745	1	0	22.57	3.20	25.77	<=30	Pass
			38	22.43	3.20	25.63	<=30	Pass
			74	22.56	3.20	25.76	<=30	Pass

		36	0	21.41	3.20	24.61	<=30	Pass
			18	21.31	3.20	24.51	<=30	Pass
			39	21.54	3.20	24.74	<=30	Pass
		75	0	21.32	3.20	24.52	<=30	Pass
	1772.5	1	0	22.33	3.20	25.53	<=30	Pass
			38	22.56	3.20	25.76	<=30	Pass
			74	22.95	3.20	26.15	<=30	Pass
		36	0	21.35	3.20	24.55	<=30	Pass
			18	21.42	3.20	24.62	<=30	Pass
			39	21.75	3.20	24.95	<=30	Pass
		75	0	21.61	3.20	24.81	<=30	Pass
64QAM	1717.5	1	0	21.44	3.20	24.64	<=30	Pass
			38	21.50	3.20	24.70	<=30	Pass
			74	21.68	3.20	24.88	<=30	Pass
		36	0	20.30	3.20	23.50	<=30	Pass
			18	20.41	3.20	23.61	<=30	Pass
			39	20.56	3.20	23.76	<=30	Pass
		75	0	20.30	3.20	23.50	<=30	Pass
	1745	1	0	21.36	3.20	24.56	<=30	Pass
			38	21.42	3.20	24.62	<=30	Pass
			74	21.70	3.20	24.90	<=30	Pass
		36	0	20.39	3.20	23.59	<=30	Pass
			18	20.43	3.20	23.63	<=30	Pass
			39	20.59	3.20	23.79	<=30	Pass
		75	0	20.34	3.20	23.54	<=30	Pass
	1772.5	1	0	21.38	3.20	24.58	<=30	Pass
			38	21.56	3.20	24.76	<=30	Pass
			74	22.04	3.20	25.24	<=30	Pass
		36	0	20.31	3.20	23.51	<=30	Pass
			18	20.35	3.20	23.55	<=30	Pass
			39	20.50	3.20	23.70	<=30	Pass
		75	0	20.51	3.20	23.71	<=30	Pass
256QAM	1717.5	1	0	17.95	3.20	21.15	<=30	Pass
			38	18.62	3.20	21.82	<=30	Pass
			74	18.69	3.20	21.89	<=30	Pass
		36	0	18.33	3.20	21.53	<=30	Pass
			18	18.47	3.20	21.67	<=30	Pass
			39	18.52	3.20	21.72	<=30	Pass
		75	0	18.40	3.20	21.60	<=30	Pass
	1745	1	0	18.45	3.20	21.65	<=30	Pass
			38	18.41	3.20	21.61	<=30	Pass
			74	18.55	3.20	21.75	<=30	Pass
		36	0	18.32	3.20	21.52	<=30	Pass
			18	18.36	3.20	21.56	<=30	Pass
			39	18.52	3.20	21.72	<=30	Pass
		75	0	18.44	3.20	21.64	<=30	Pass
	1772.5	1	0	18.21	3.20	21.41	<=30	Pass
			38	18.51	3.20	21.71	<=30	Pass
			74	18.79	3.20	21.99	<=30	Pass
		36	0	18.31	3.20	21.51	<=30	Pass
			18	18.25	3.20	21.45	<=30	Pass
			39	18.51	3.20	21.71	<=30	Pass
		75	0	18.43	3.20	21.63	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.08	3.20	26.28	<=30	Pass
			50	23.23	3.20	26.43	<=30	Pass
			99	23.61	3.20	26.81	<=30	Pass
		50	0	22.46	3.20	25.66	<=30	Pass
			25	22.70	3.20	25.90	<=30	Pass
			50	23.05	3.20	26.25	<=30	Pass
		100	0	22.70	3.20	25.90	<=30	Pass
	1745	1	0	23.23	3.20	26.43	<=30	Pass
			50	22.76	3.20	25.96	<=30	Pass
			99	23.71	3.20	26.91	<=30	Pass
		50	0	22.05	3.20	25.25	<=30	Pass
			25	22.58	3.20	25.78	<=30	Pass
			50	22.63	3.20	25.83	<=30	Pass
		100	0	22.57	3.20	25.77	<=30	Pass
	1770	1	0	23.29	3.20	26.49	<=30	Pass
			50	22.70	3.20	25.90	<=30	Pass
			99	23.29	3.20	26.49	<=30	Pass
		50	0	22.31	3.20	25.51	<=30	Pass
			25	22.40	3.20	25.60	<=30	Pass
			50	22.75	3.20	25.95	<=30	Pass
		100	0	22.59	3.20	25.79	<=30	Pass
16QAM	1720	1	0	22.52	3.20	25.72	<=30	Pass
			50	22.61	3.20	25.81	<=30	Pass
			99	22.93	3.20	26.13	<=30	Pass
		50	0	21.42	3.20	24.62	<=30	Pass
			25	21.63	3.20	24.83	<=30	Pass
			50	21.99	3.20	25.19	<=30	Pass
		100	0	21.79	3.20	24.99	<=30	Pass
	1745	1	0	22.38	3.20	25.58	<=30	Pass
			50	22.47	3.20	25.67	<=30	Pass
			99	22.75	3.20	25.95	<=30	Pass
		50	0	21.47	3.20	24.67	<=30	Pass
			25	21.24	3.20	24.44	<=30	Pass
			50	21.58	3.20	24.78	<=30	Pass
		100	0	21.54	3.20	24.74	<=30	Pass
	1770	1	0	22.62	3.20	25.82	<=30	Pass
			50	22.52	3.20	25.72	<=30	Pass
			99	22.98	3.20	26.18	<=30	Pass
		50	0	21.38	3.20	24.58	<=30	Pass
			25	21.32	3.20	24.52	<=30	Pass
			50	21.77	3.20	24.97	<=30	Pass
		100	0	21.36	3.20	24.56	<=30	Pass
64QAM	1720	1	0	21.49	3.20	24.69	<=30	Pass
			50	21.67	3.20	24.87	<=30	Pass
			99	21.95	3.20	25.15	<=30	Pass
		50	0	20.28	3.20	23.48	<=30	Pass
			25	20.63	3.20	23.83	<=30	Pass
			50	20.98	3.20	24.18	<=30	Pass
		100	0	20.72	3.20	23.92	<=30	Pass
	1745	1	0	21.20	3.20	24.40	<=30	Pass
			50	21.60	3.20	24.80	<=30	Pass
			99	21.56	3.20	24.76	<=30	Pass
		50	0	20.52	3.20	23.72	<=30	Pass
			25	20.33	3.20	23.53	<=30	Pass
			50	20.64	3.20	23.84	<=30	Pass
		100	0	20.62	3.20	23.82	<=30	Pass

256QAM	1770	1	0	21.55	3.20	24.75	<=30	Pass
			50	21.40	3.20	24.60	<=30	Pass
			99	21.60	3.20	24.80	<=30	Pass
		50	0	20.56	3.20	23.76	<=30	Pass
			25	20.18	3.20	23.38	<=30	Pass
			50	20.65	3.20	23.85	<=30	Pass
		100	0	20.34	3.20	23.54	<=30	Pass
	1720	1	0	18.40	3.20	21.60	<=30	Pass
			50	18.70	3.20	21.90	<=30	Pass
			99	18.91	3.20	22.11	<=30	Pass
		50	0	18.17	3.20	21.37	<=30	Pass
			25	18.58	3.20	21.78	<=30	Pass
			50	18.88	3.20	22.08	<=30	Pass
		100	0	18.32	3.20	21.52	<=30	Pass
	1745	1	0	18.42	3.20	21.62	<=30	Pass
			50	18.41	3.20	21.61	<=30	Pass
			99	18.71	3.20	21.91	<=30	Pass
		50	0	18.53	3.20	21.73	<=30	Pass
			25	18.32	3.20	21.52	<=30	Pass
			50	18.27	3.20	21.47	<=30	Pass
		100	0	18.32	3.20	21.52	<=30	Pass
	1770	1	0	18.59	3.20	21.79	<=30	Pass
			50	18.37	3.20	21.57	<=30	Pass
			99	18.85	3.20	22.05	<=30	Pass
		50	0	18.40	3.20	21.60	<=30	Pass
			25	18.40	3.20	21.60	<=30	Pass
			50	18.55	3.20	21.75	<=30	Pass
		100	0	18.37	3.20	21.57	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1745	6	0	20	3.27	-9.265	-0.0053	-2.5 to 2.5	Pass
					3.85	0.288	0.0002	-2.5 to 2.5	Pass
					4.43	-1.758	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	4.181	0.0024	-2.5 to 2.5	Pass
					3.85	1.867	0.0011	-2.5 to 2.5	Pass
					3.85	-1.809	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-4.615	-0.0026	-2.5 to 2.5	Pass
					3.85	-1.021	-0.0006	-2.5 to 2.5	Pass
					3.85	-6.634	-0.0038	-2.5 to 2.5	Pass
				40	3.85	-1.173	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-1.304	-0.0007	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz							
Modulation	Frequency	RB Allocation	Temp.	Voltage	Freq. Error	Freq. vs. Rated (ppm)	Verdict

	(MHz)	Size	Offset	(°C)	(VDC)	(Hz)	Result	Limit	
QPSK	1745	15	0	20	3.27	-4.400	-0.0025	-2.5 to 2.5	Pass
					3.85	0.907	0.0005	-2.5 to 2.5	Pass
					4.43	2.040	0.0012	-2.5 to 2.5	Pass
				-30	3.85	5.563	0.0032	-2.5 to 2.5	Pass
				-20	3.85	1.816	0.0010	-2.5 to 2.5	Pass
				-10	3.85	2.757	0.0016	-2.5 to 2.5	Pass
				0	3.85	2.108	0.0012	-2.5 to 2.5	Pass
				10	3.85	-1.757	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-2.681	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-2.523	-0.0014	-2.5 to 2.5	Pass
				50	3.85	0.586	0.0003	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1745	25	0	20	3.27	-1.924	-0.0011	-2.5 to 2.5	Pass
					3.85	1.369	0.0008	-2.5 to 2.5	Pass
					4.43	1.999	0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.028	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-1.032	-0.0006	-2.5 to 2.5	Pass
				0	3.85	-1.693	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.862	-0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.886	-0.0022	-2.5 to 2.5	Pass
				40	3.85	4.279	0.0025	-2.5 to 2.5	Pass
				50	3.85	0.805	0.0005	-2.5 to 2.5	Pass

2.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1745	50	0	20	3.27	-3.725	-0.0021	-2.5 to 2.5	Pass
					3.85	-1.967	-0.0011	-2.5 to 2.5	Pass
					4.43	2.327	0.0013	-2.5 to 2.5	Pass
				-30	3.85	3.275	0.0019	-2.5 to 2.5	Pass
				-20	3.85	4.527	0.0026	-2.5 to 2.5	Pass
				-10	3.85	4.305	0.0025	-2.5 to 2.5	Pass
				0	3.85	3.019	0.0017	-2.5 to 2.5	Pass
				10	3.85	2.978	0.0017	-2.5 to 2.5	Pass
				30	3.85	5.422	0.0031	-2.5 to 2.5	Pass
				40	3.85	6.070	0.0035	-2.5 to 2.5	Pass
				50	3.85	3.918	0.0022	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1745	75	0	20	3.27	-0.450	-0.0003	-2.5 to 2.5	Pass
					3.85	2.385	0.0014	-2.5 to 2.5	Pass

					4.43	4.545	0.0026	-2.5 to 2.5	Pass
				-30	3.85	5.740	0.0033	-2.5 to 2.5	Pass
				-20	3.85	1.224	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-3.279	-0.0019	-2.5 to 2.5	Pass
				0	3.85	0.290	0.0002	-2.5 to 2.5	Pass
				10	3.85	-1.988	-0.0011	-2.5 to 2.5	Pass
				30	3.85	1.500	0.0009	-2.5 to 2.5	Pass
				40	3.85	4.061	0.0023	-2.5 to 2.5	Pass
				50	3.85	0.338	0.0002	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1745	100	0	20	3.27	-5.226	-0.0030	-2.5 to 2.5	Pass
					3.85	1.460	0.0008	-2.5 to 2.5	Pass
					4.43	3.082	0.0018	-2.5 to 2.5	Pass
				-30	3.85	-1.643	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.352	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-3.391	-0.0019	-2.5 to 2.5	Pass
				0	3.85	3.629	0.0021	-2.5 to 2.5	Pass
				10	3.85	1.122	0.0006	-2.5 to 2.5	Pass
				30	3.85	-2.750	-0.0016	-2.5 to 2.5	Pass
				40	3.85	5.711	0.0033	-2.5 to 2.5	Pass
				50	3.85	5.610	0.0032	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.110	/	Pass
		1745	6	0	1.119	/	Pass
		1779.3	6	0	1.116	/	Pass
	16QAM	1710.7	6	0	1.110	/	Pass
		1745	6	0	1.107	/	Pass
		1779.3	6	0	1.117	/	Pass
	64QAM	1710.7	6	0	1.111	/	Pass
		1745	6	0	1.112	/	Pass
		1779.3	6	0	1.112	/	Pass
	256QAM	1710.7	6	0	1.107	/	Pass
		1745	6	0	1.116	/	Pass
		1779.3	6	0	1.120	/	Pass
3	QPSK	1711.5	15	0	2.749	/	Pass
		1745	15	0	2.736	/	Pass
		1778.5	15	0	2.746	/	Pass
	16QAM	1711.5	15	0	2.732	/	Pass
		1745	15	0	2.726	/	Pass
		1778.5	15	0	2.735	/	Pass
	64QAM	1711.5	15	0	2.750	/	Pass

	256QAM	1745	15	0	2.739	/	Pass
		1778.5	15	0	2.733	/	Pass
		1711.5	15	0	2.735	/	Pass
		1745	15	0	2.737	/	Pass
		1778.5	15	0	2.726	/	Pass
5	QPSK	1712.5	25	0	4.545	/	Pass
		1745	25	0	4.548	/	Pass
		1777.5	25	0	4.542	/	Pass
	16QAM	1712.5	25	0	4.542	/	Pass
		1745	25	0	4.528	/	Pass
		1777.5	25	0	4.543	/	Pass
	64QAM	1712.5	25	0	4.538	/	Pass
		1745	25	0	4.545	/	Pass
		1777.5	25	0	4.529	/	Pass
	256QAM	1712.5	25	0	4.548	/	Pass
		1745	25	0	4.540	/	Pass
		1777.5	25	0	4.558	/	Pass
10	QPSK	1715	50	0	9.078	/	Pass
		1745	50	0	9.083	/	Pass
		1775	50	0	9.071	/	Pass
	16QAM	1715	50	0	9.044	/	Pass
		1745	50	0	9.063	/	Pass
		1775	50	0	9.079	/	Pass
	64QAM	1715	50	0	9.054	/	Pass
		1745	50	0	9.069	/	Pass
		1775	50	0	9.047	/	Pass
	256QAM	1715	50	0	9.061	/	Pass
		1745	50	0	9.069	/	Pass
		1775	50	0	9.026	/	Pass
15	QPSK	1717.5	75	0	13.735	/	Pass
		1745	75	0	13.709	/	Pass
		1772.5	75	0	13.736	/	Pass
	16QAM	1717.5	75	0	13.753	/	Pass
		1745	75	0	13.739	/	Pass
		1772.5	75	0	13.708	/	Pass
	64QAM	1717.5	75	0	13.701	/	Pass
		1745	75	0	13.701	/	Pass
		1772.5	75	0	13.679	/	Pass
	256QAM	1717.5	75	0	13.616	/	Pass
		1745	75	0	13.643	/	Pass
		1772.5	75	0	13.632	/	Pass
20	QPSK	1720	100	0	18.268	/	Pass
		1745	100	0	18.275	/	Pass
		1770	100	0	18.307	/	Pass
	16QAM	1720	100	0	18.210	/	Pass
		1745	100	0	18.300	/	Pass
		1770	100	0	18.250	/	Pass
	64QAM	1720	100	0	18.277	/	Pass
		1745	100	0	18.227	/	Pass
		1770	100	0	18.178	/	Pass
	256QAM	1720	100	0	18.146	/	Pass
		1745	100	0	18.181	/	Pass
		1770	100	0	18.170	/	Pass

3.1.2 Band66_XDB

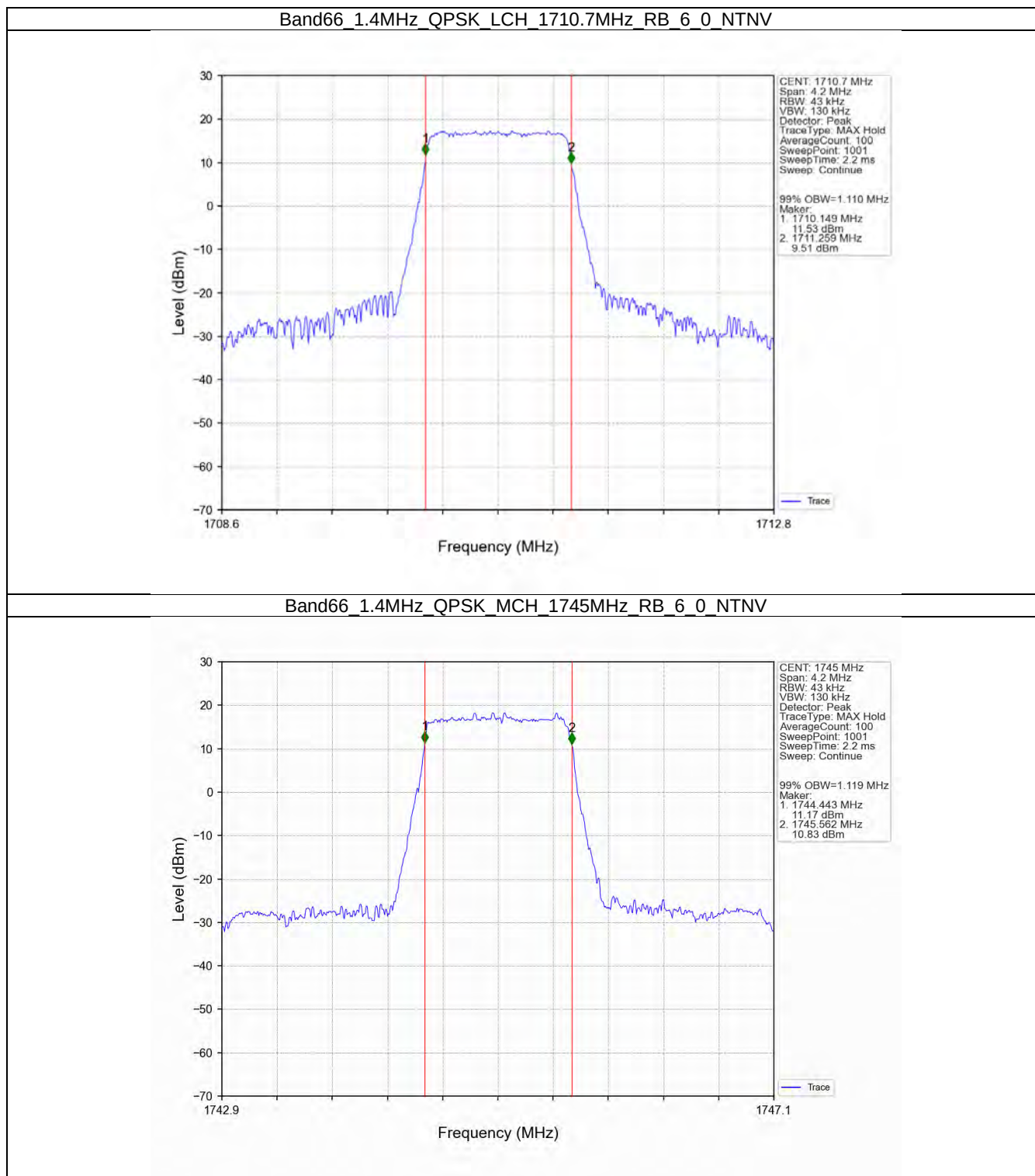
Band: 66 / NTNV

Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.332	/	Pass
		1745	6	0	1.328	/	Pass
		1779.3	6	0	1.325	/	Pass
	16QAM	1710.7	6	0	1.336	/	Pass
		1745	6	0	1.333	/	Pass
		1779.3	6	0	1.332	/	Pass
	64QAM	1710.7	6	0	1.335	/	Pass
		1745	6	0	1.316	/	Pass
		1779.3	6	0	1.329	/	Pass
	256QAM	1710.7	6	0	1.317	/	Pass
		1745	6	0	1.328	/	Pass
		1779.3	6	0	1.326	/	Pass
3	QPSK	1711.5	15	0	3.037	/	Pass
		1745	15	0	3.022	/	Pass
		1778.5	15	0	3.021	/	Pass
	16QAM	1711.5	15	0	3.028	/	Pass
		1745	15	0	3.036	/	Pass
		1778.5	15	0	3.037	/	Pass
	64QAM	1711.5	15	0	3.020	/	Pass
		1745	15	0	3.005	/	Pass
		1778.5	15	0	3.021	/	Pass
	256QAM	1711.5	15	0	3.019	/	Pass
		1745	15	0	3.024	/	Pass
		1778.5	15	0	2.992	/	Pass
5	QPSK	1712.5	25	0	5.041	/	Pass
		1745	25	0	5.034	/	Pass
		1777.5	25	0	5.093	/	Pass
	16QAM	1712.5	25	0	5.086	/	Pass
		1745	25	0	5.052	/	Pass
		1777.5	25	0	5.083	/	Pass
	64QAM	1712.5	25	0	5.035	/	Pass
		1745	25	0	5.067	/	Pass
		1777.5	25	0	5.073	/	Pass
	256QAM	1712.5	25	0	5.097	/	Pass
		1745	25	0	5.063	/	Pass
		1777.5	25	0	5.107	/	Pass
10	QPSK	1715	50	0	10.022	/	Pass
		1745	50	0	9.985	/	Pass
		1775	50	0	10.000	/	Pass
	16QAM	1715	50	0	10.030	/	Pass
		1745	50	0	10.042	/	Pass
		1775	50	0	10.002	/	Pass
	64QAM	1715	50	0	9.984	/	Pass
		1745	50	0	9.911	/	Pass
		1775	50	0	9.933	/	Pass
	256QAM	1715	50	0	9.929	/	Pass
		1745	50	0	10.035	/	Pass
		1775	50	0	9.968	/	Pass
15	QPSK	1717.5	75	0	17.534	/	Pass
		1745	75	0	18.091	/	Pass
		1772.5	75	0	17.931	/	Pass
	16QAM	1717.5	75	0	17.798	/	Pass
		1745	75	0	17.843	/	Pass
		1772.5	75	0	17.202	/	Pass
	64QAM	1717.5	75	0	17.941	/	Pass
		1745	75	0	16.824	/	Pass
		1772.5	75	0	16.882	/	Pass

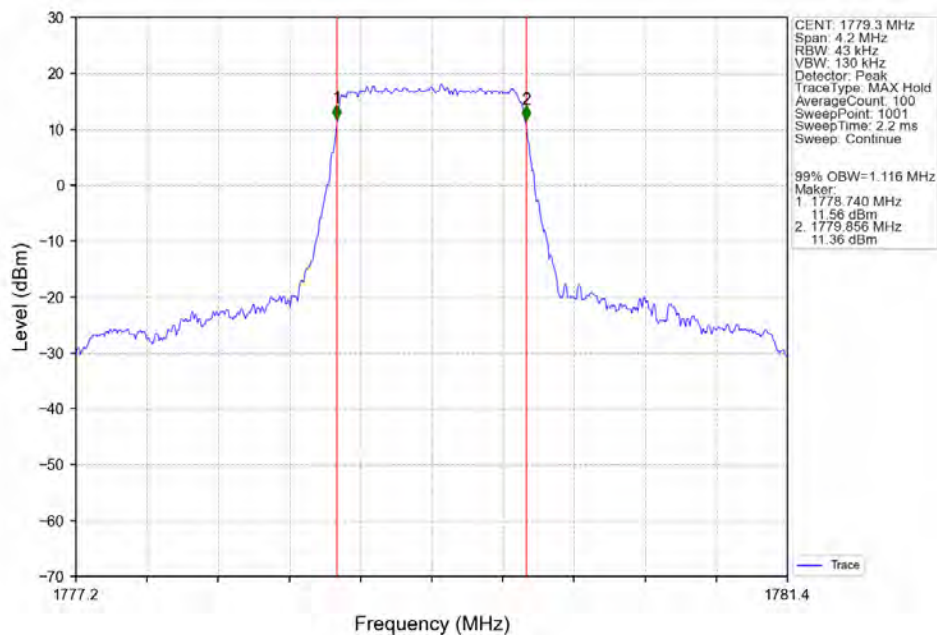
20	256QAM	1717.5	75	0	14.878	/	Pass
		1745	75	0	15.307	/	Pass
		1772.5	75	0	15.513	/	Pass
	QPSK	1720	100	0	21.838	/	Pass
		1745	100	0	22.292	/	Pass
		1770	100	0	21.879	/	Pass
	16QAM	1720	100	0	22.058	/	Pass
		1745	100	0	21.707	/	Pass
		1770	100	0	21.346	/	Pass
	64QAM	1720	100	0	22.028	/	Pass
		1745	100	0	21.380	/	Pass
		1770	100	0	20.843	/	Pass
	256QAM	1720	100	0	19.778	/	Pass
		1745	100	0	20.280	/	Pass
		1770	100	0	20.068	/	Pass

3.2 Test Graph

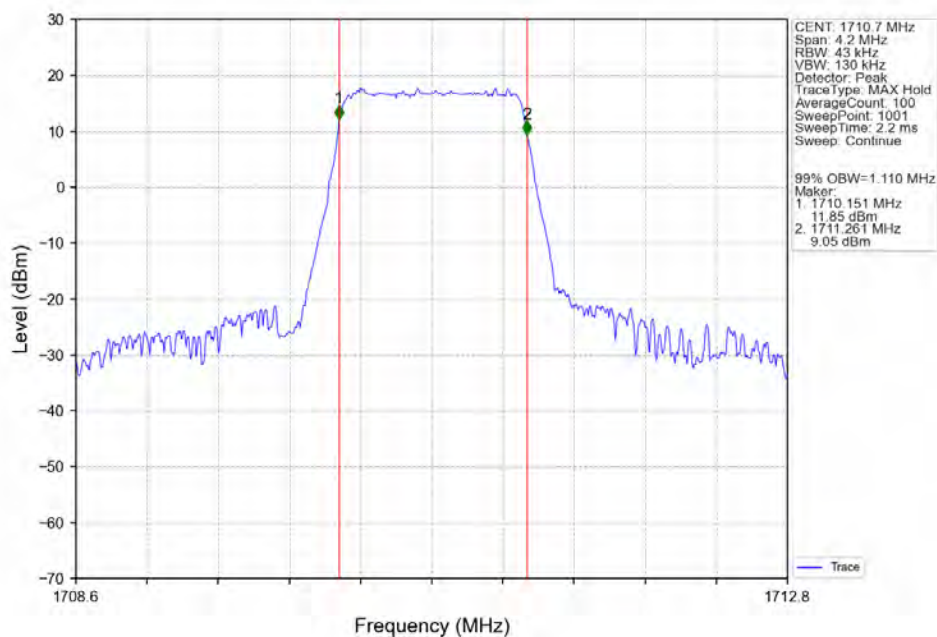
3.2.1 Band66_OBW



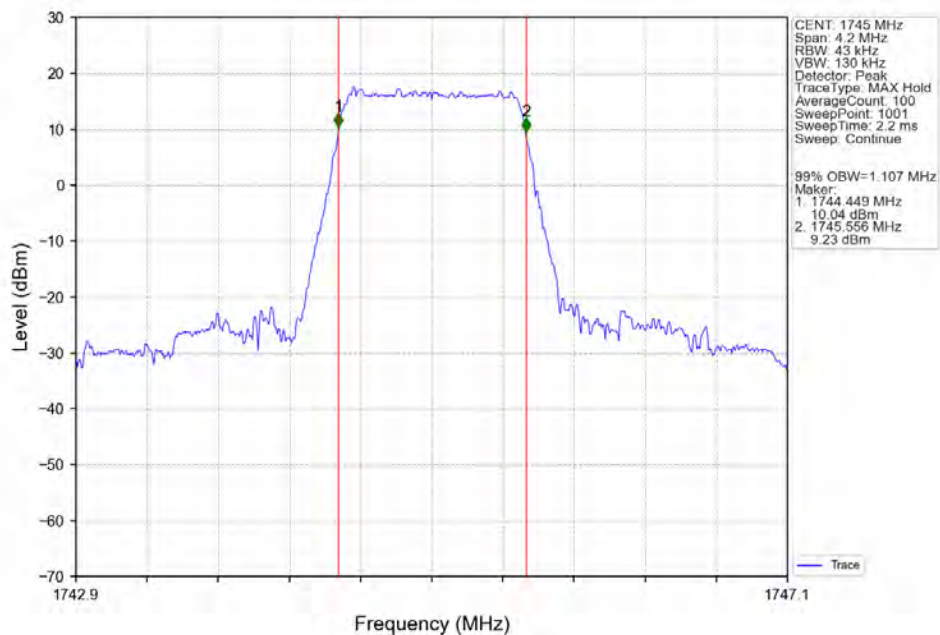
Band66 1.4MHz QPSK HCH 1779.3MHz RB_6_0 NTN



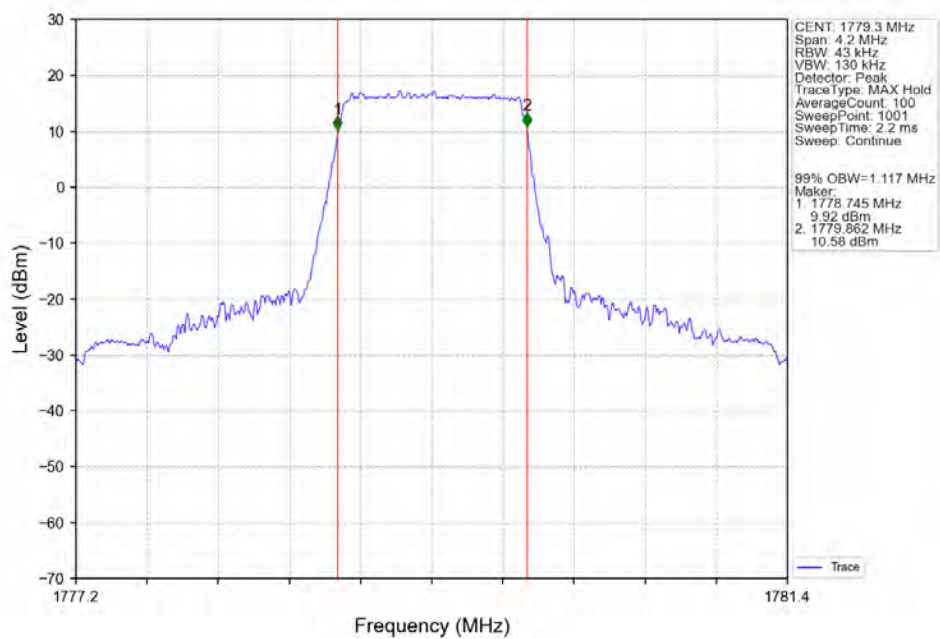
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6_0 NTN



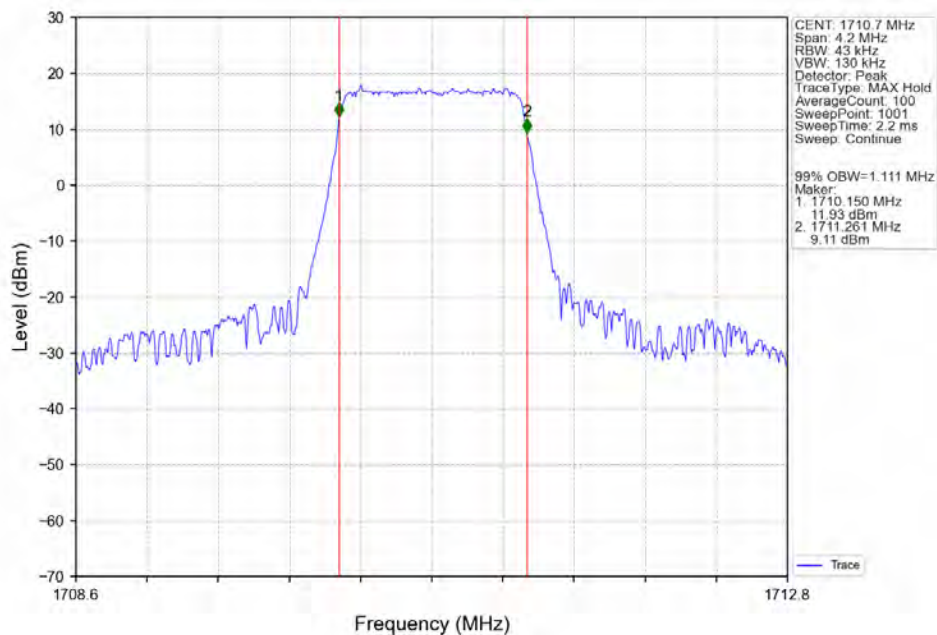
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



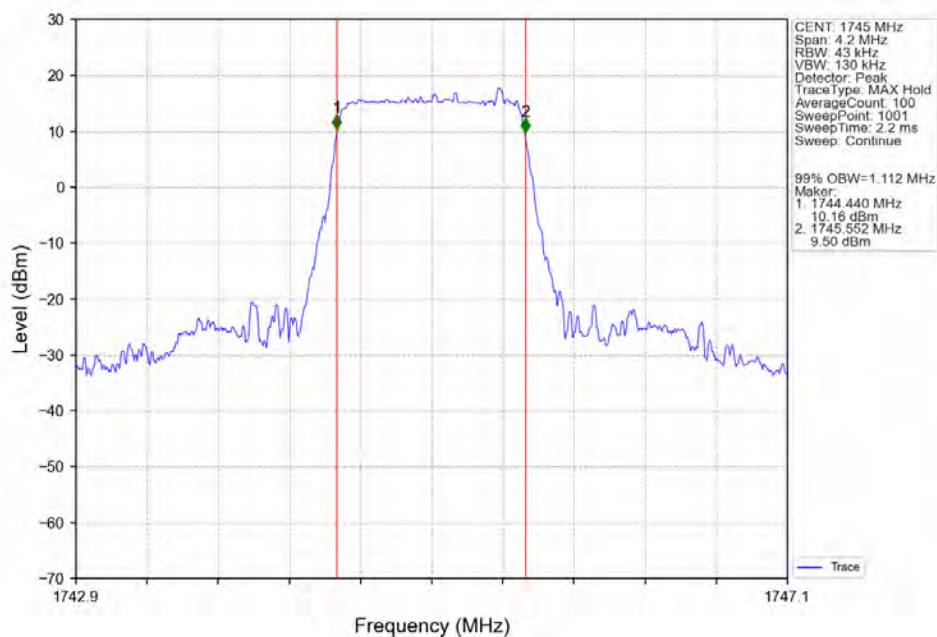
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



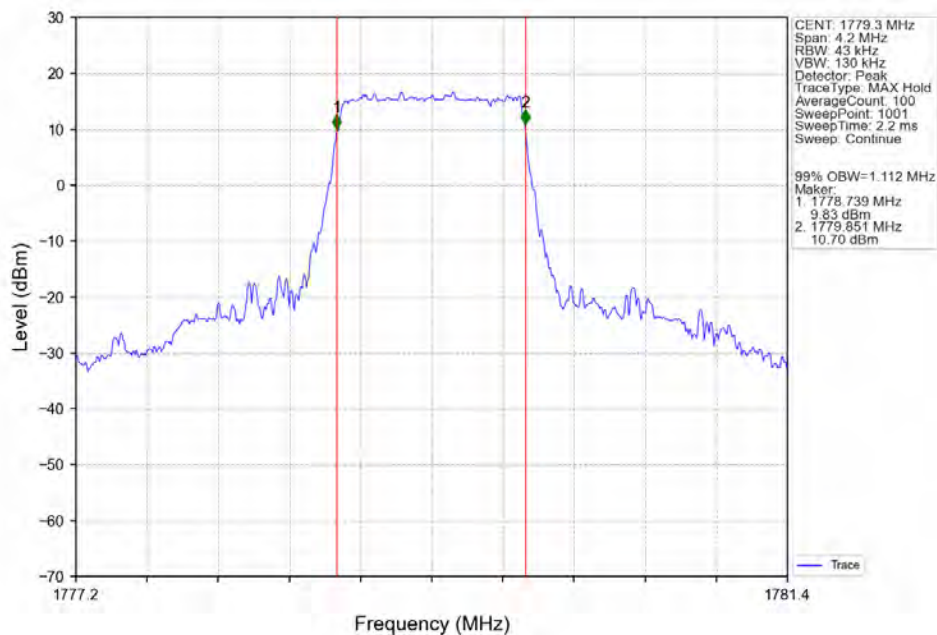
Band66 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTN



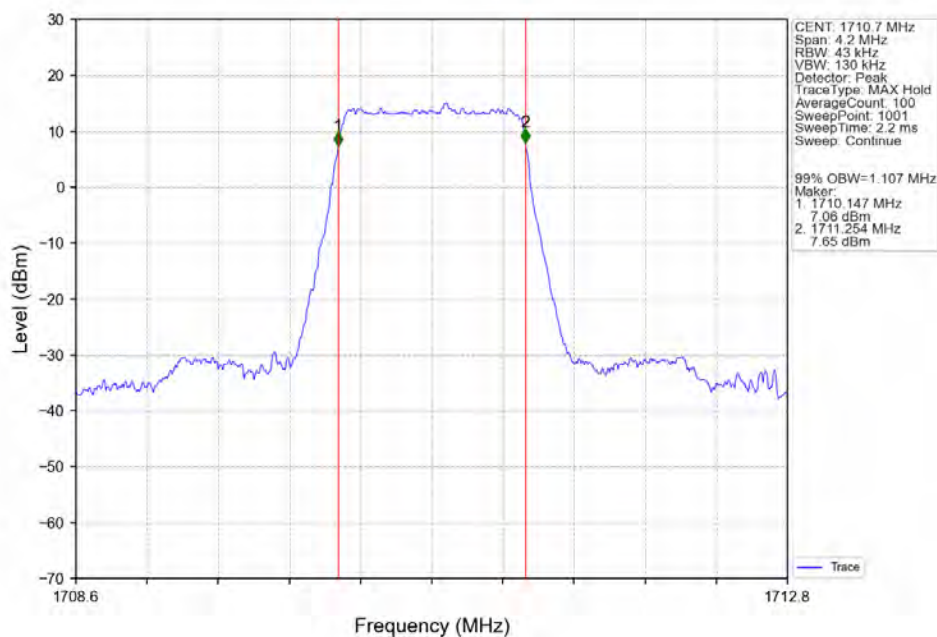
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTN



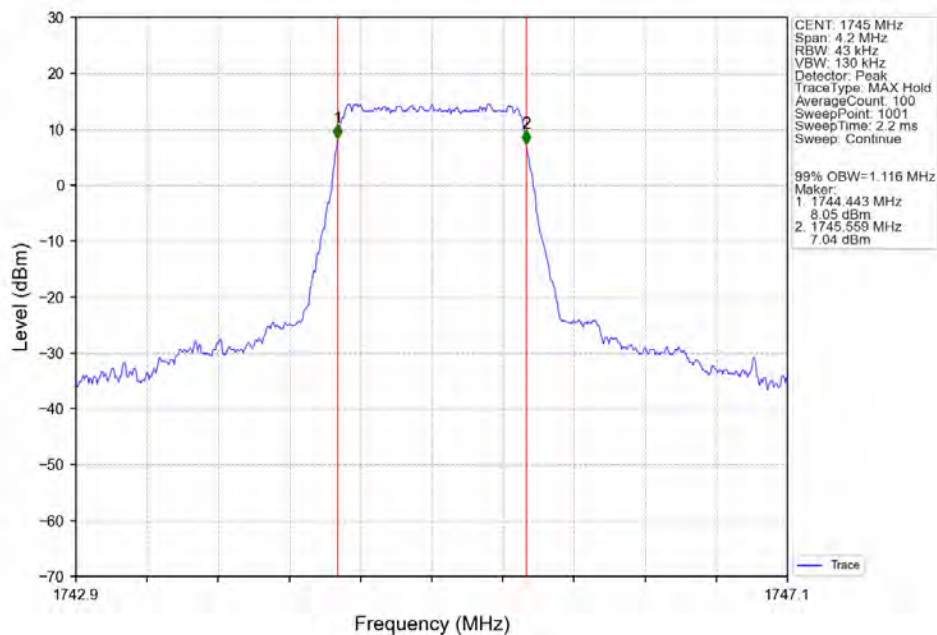
Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



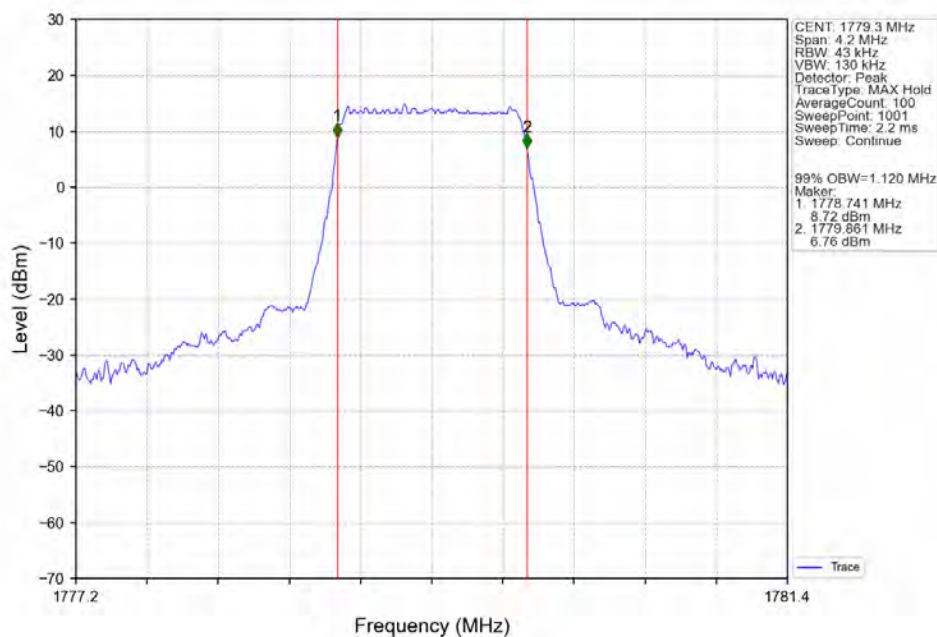
Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



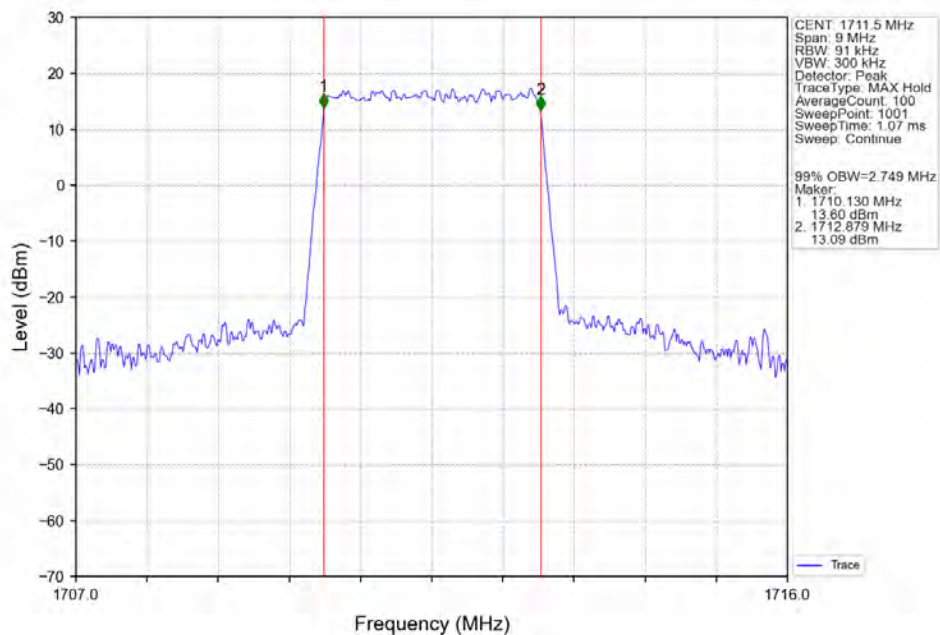
Band66_1.4MHz_256QAM_MCH_1745MHz_RB_6_0_NTNV



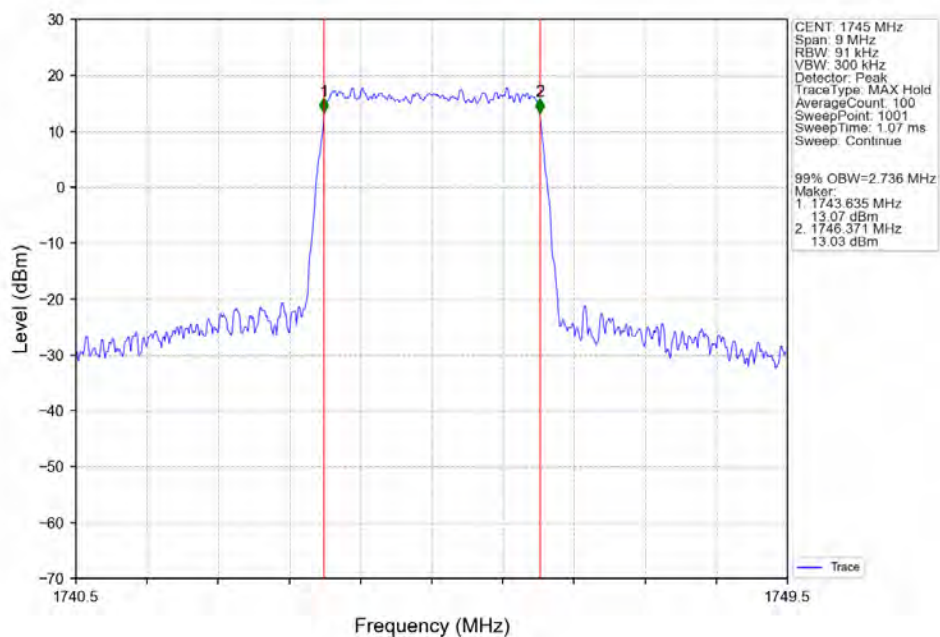
Band66_1.4MHz_256QAM_HCH_1779.3MHz_RB_6_0_NTNV



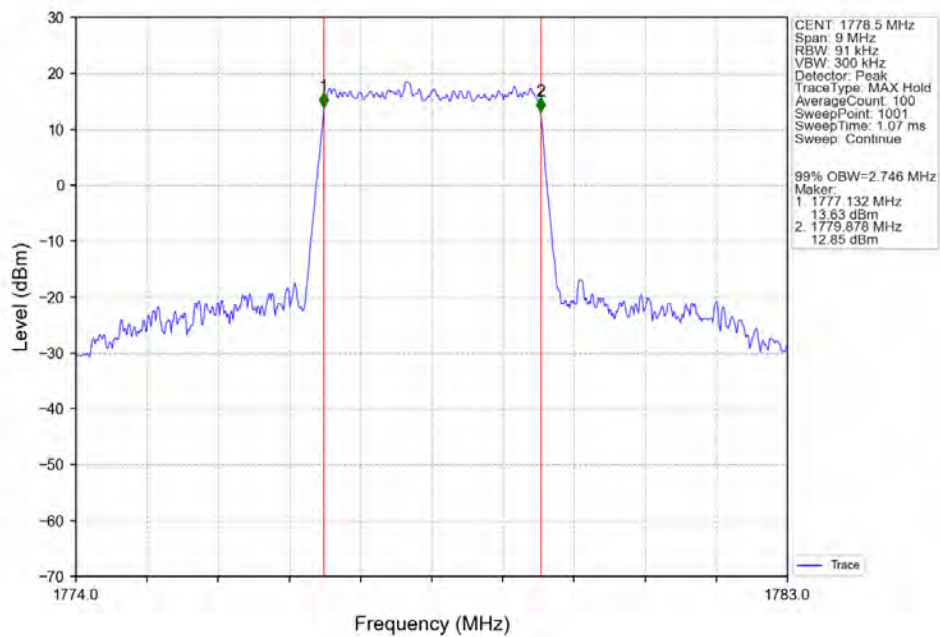
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



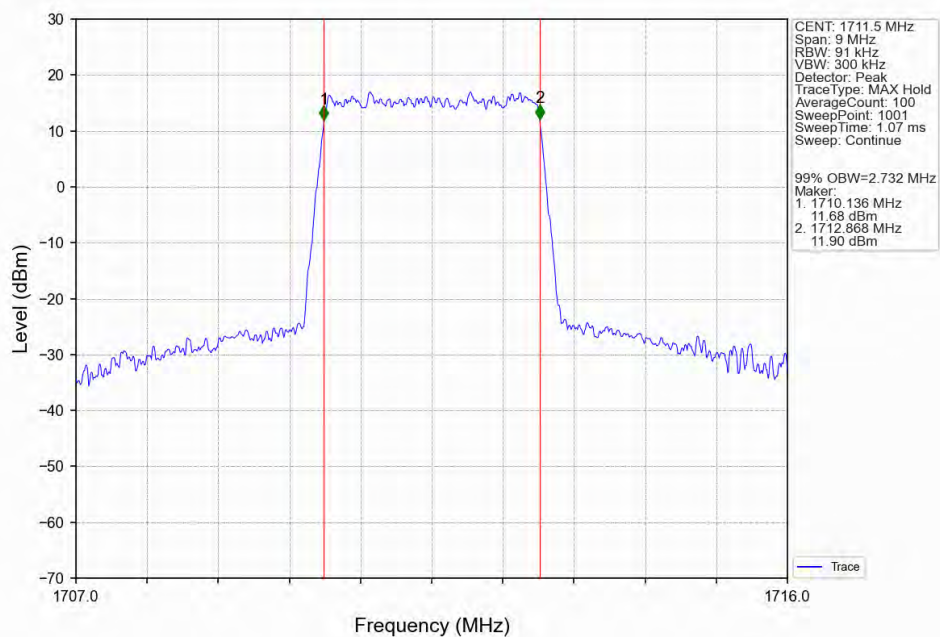
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



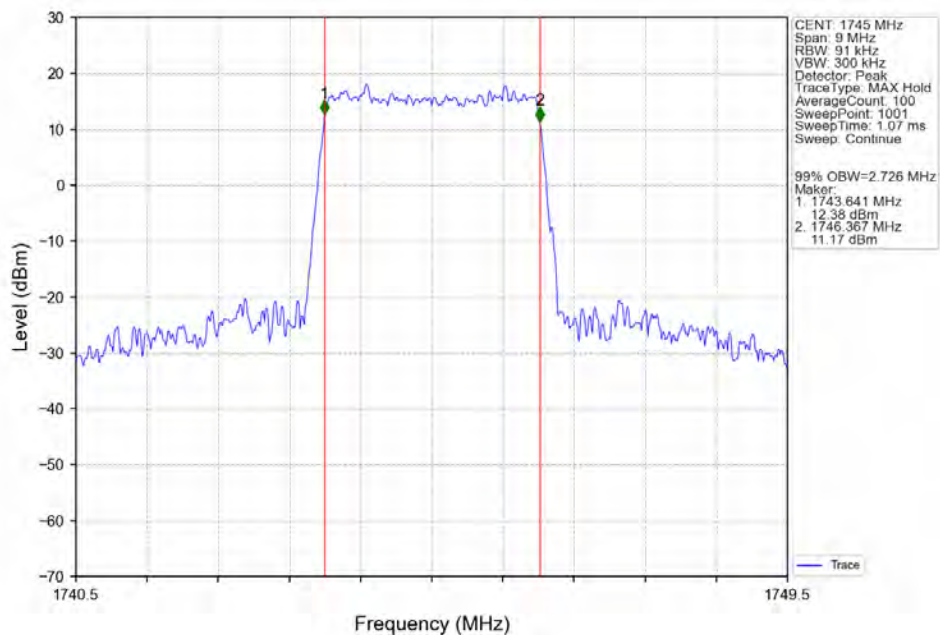
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



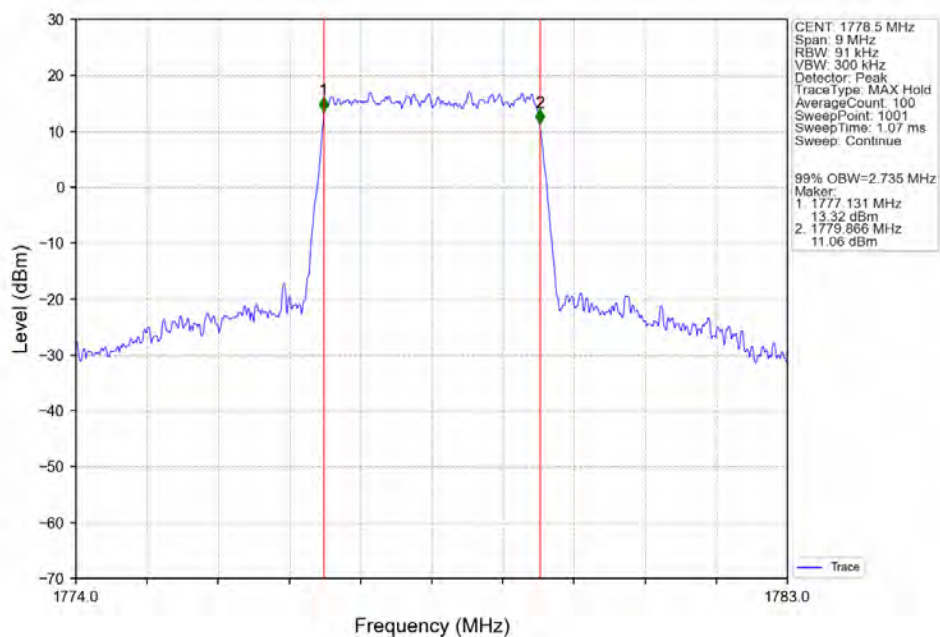
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



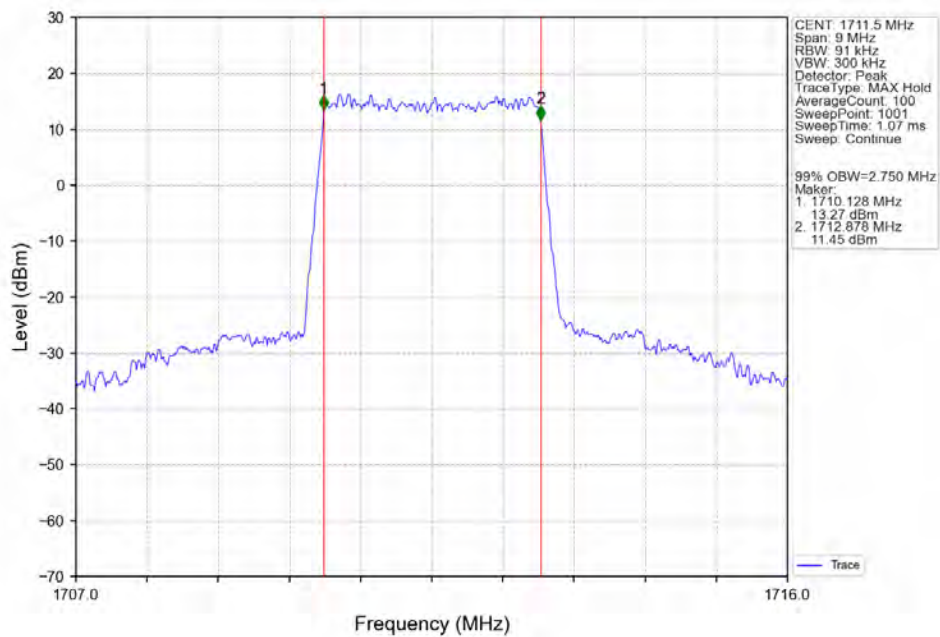
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



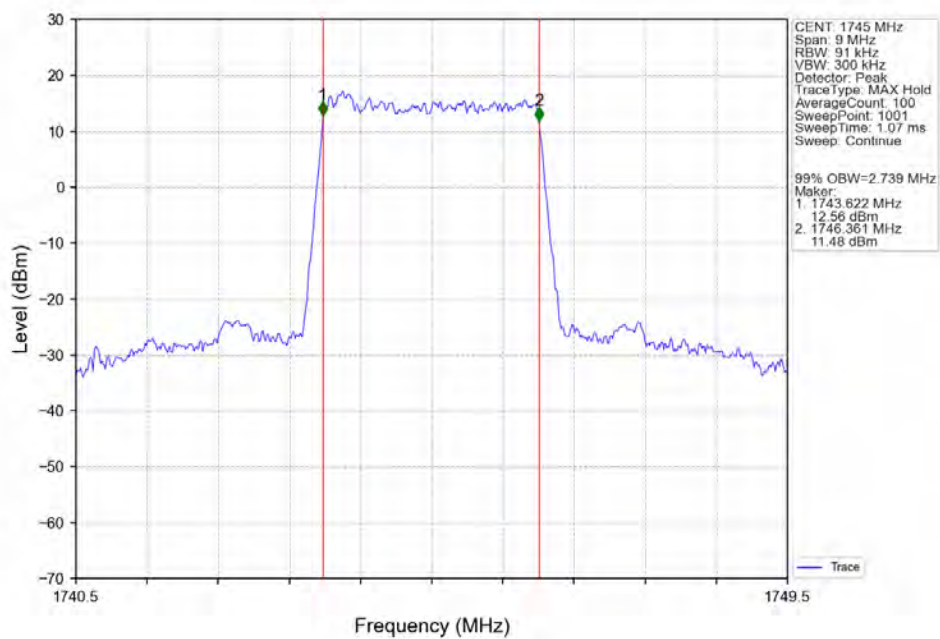
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



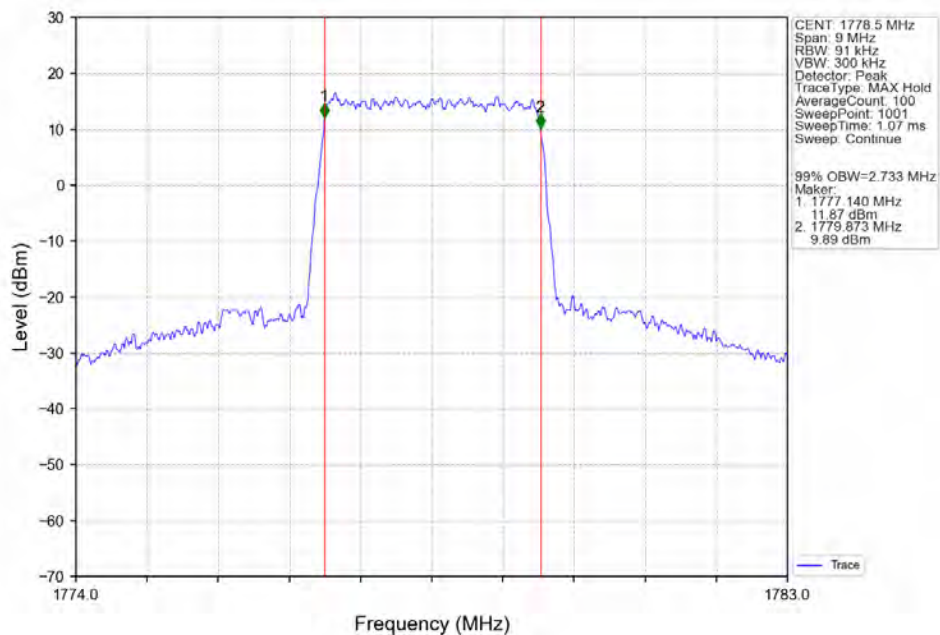
Band66_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



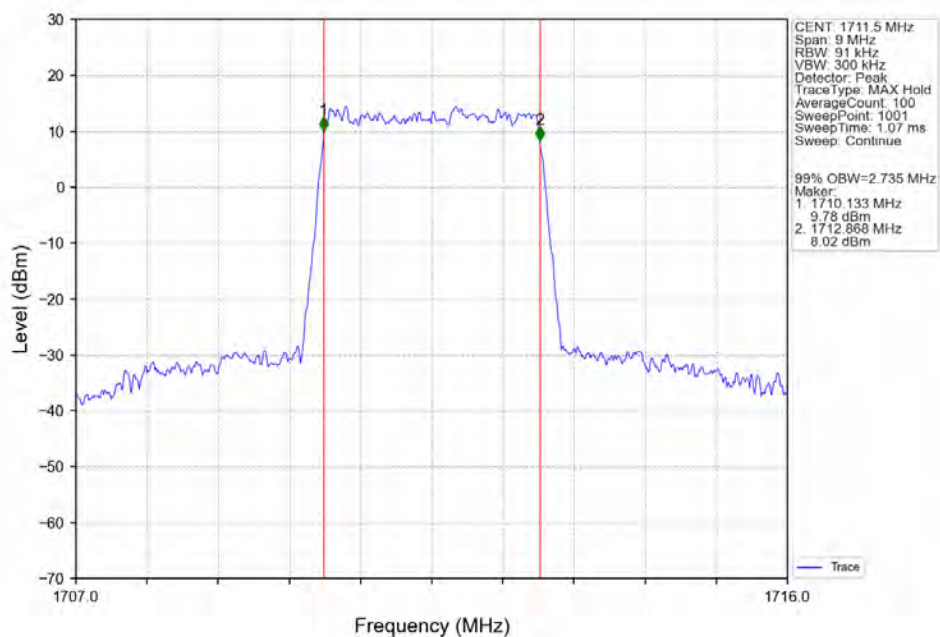
Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



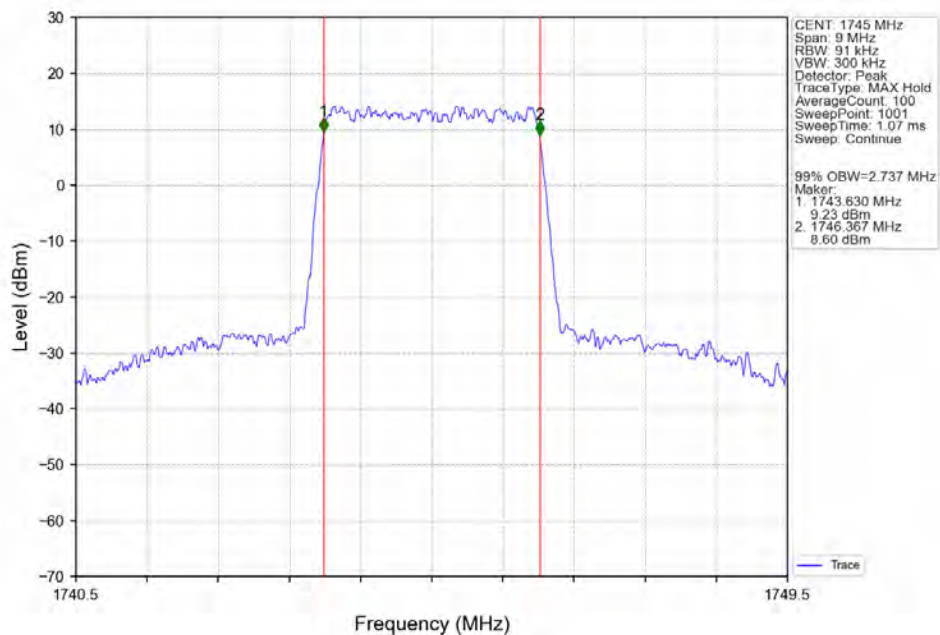
Band66_3MHz_64QAM_HCH_1778.5MHz_RB_15_0_NTNV



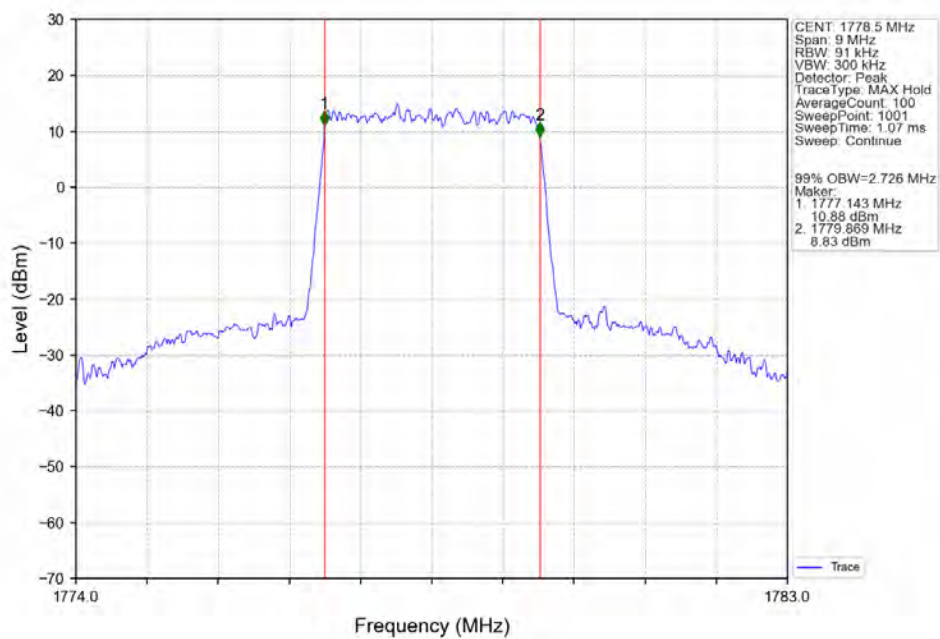
Band66_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



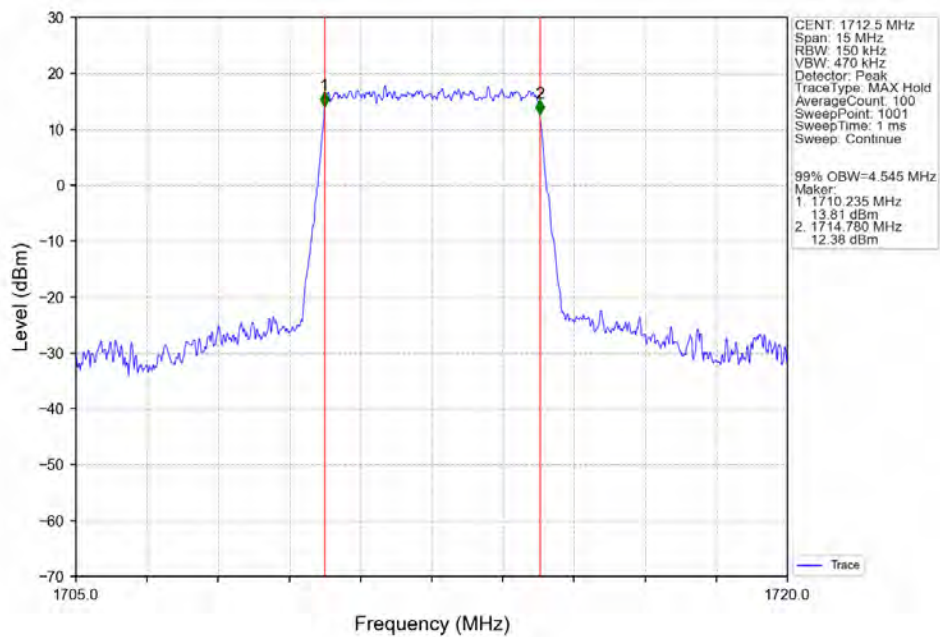
Band66_3MHz_256QAM_MCH_1745MHz_RB_15_0_NTNV



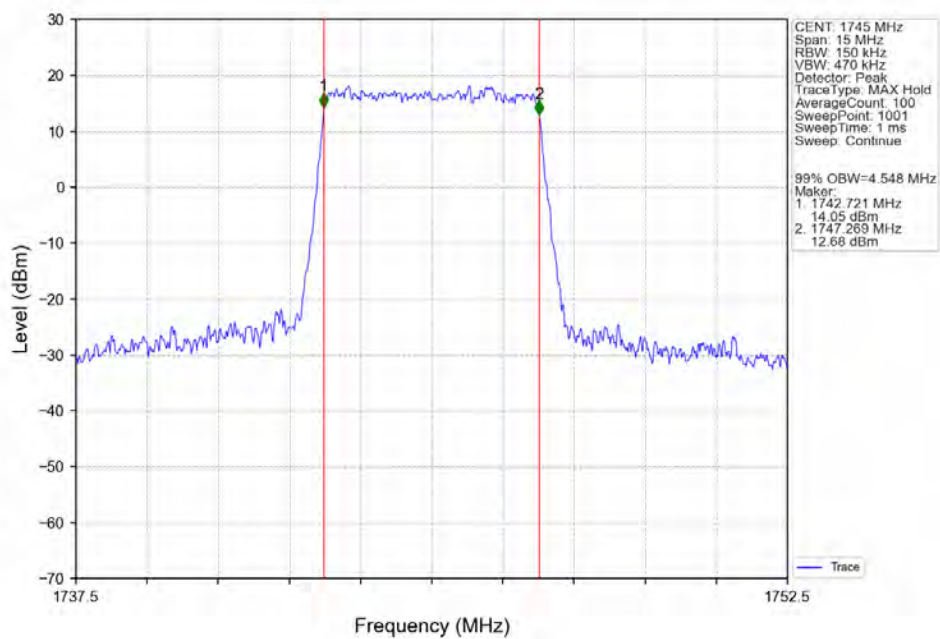
Band66_3MHz_256QAM_HCH_1778.5MHz_RB_15_0_NTNV



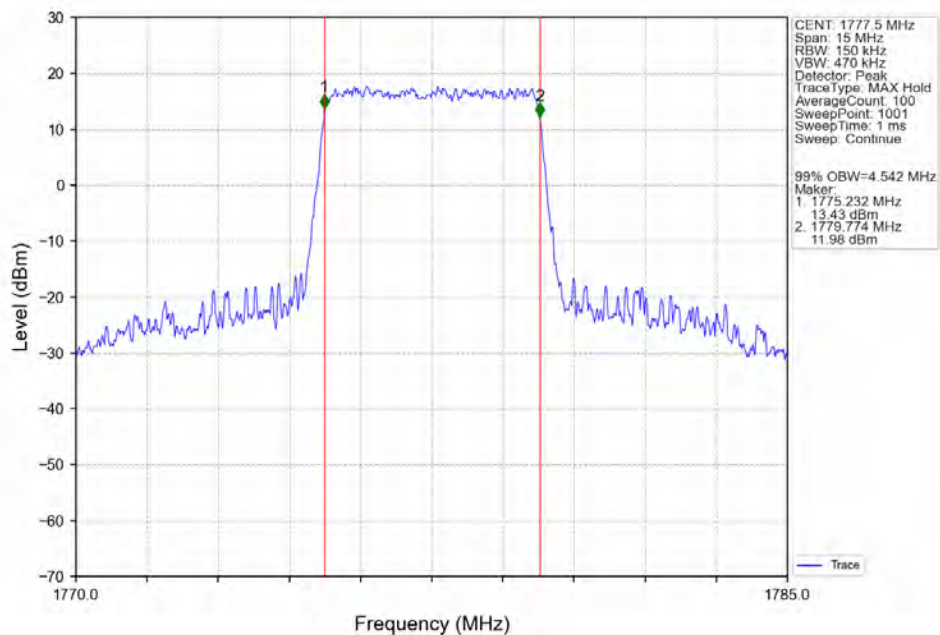
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



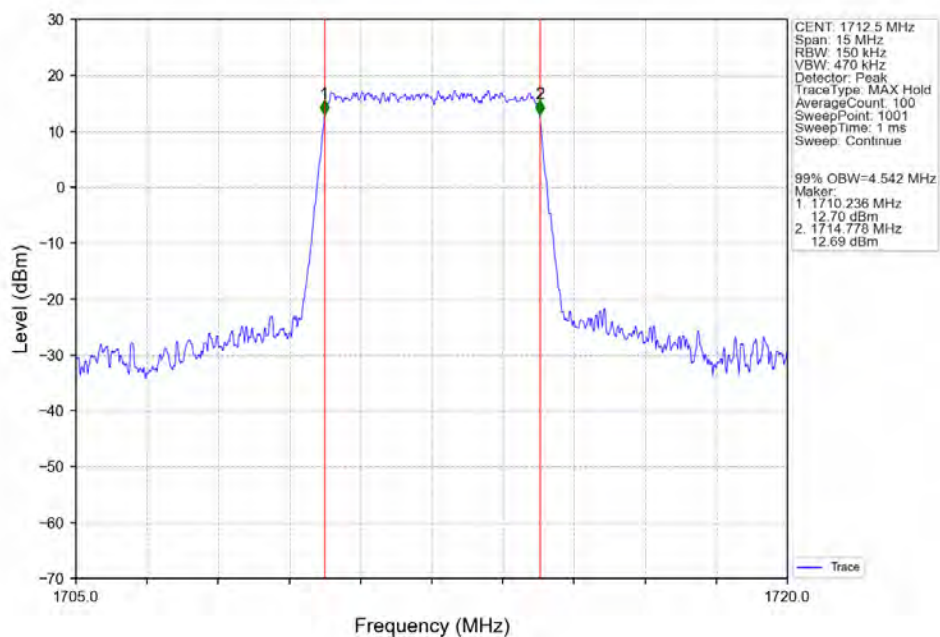
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



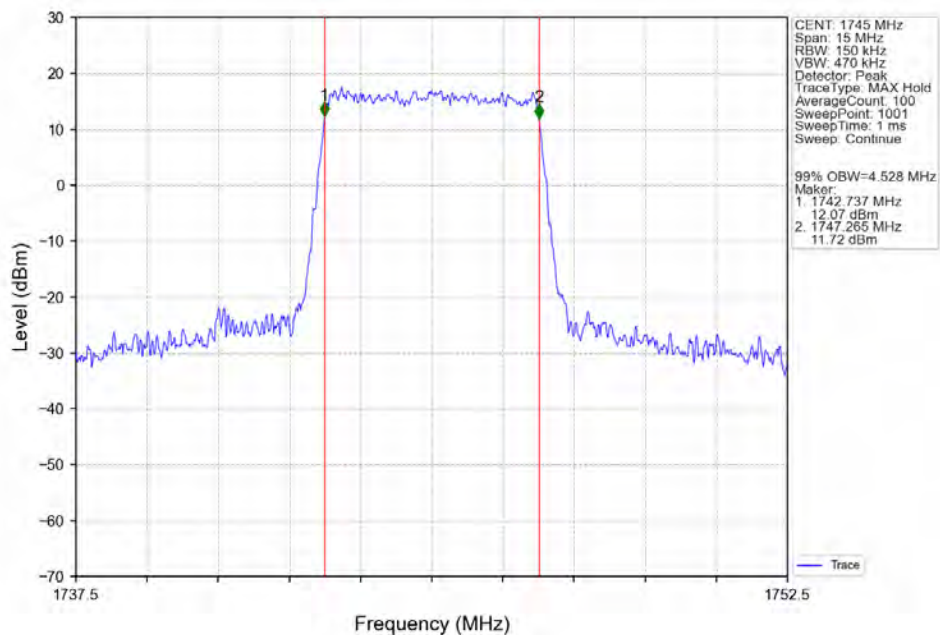
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



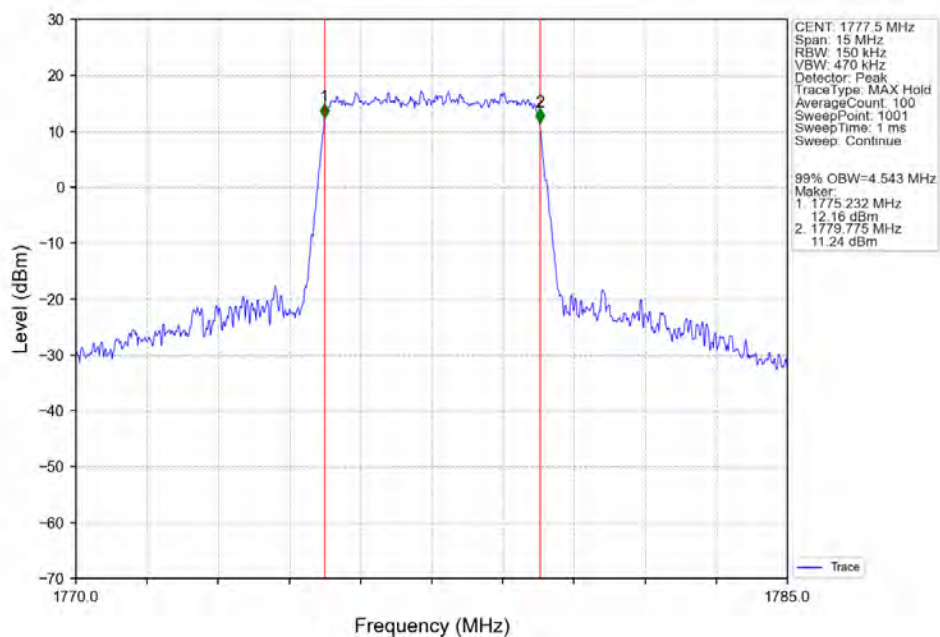
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



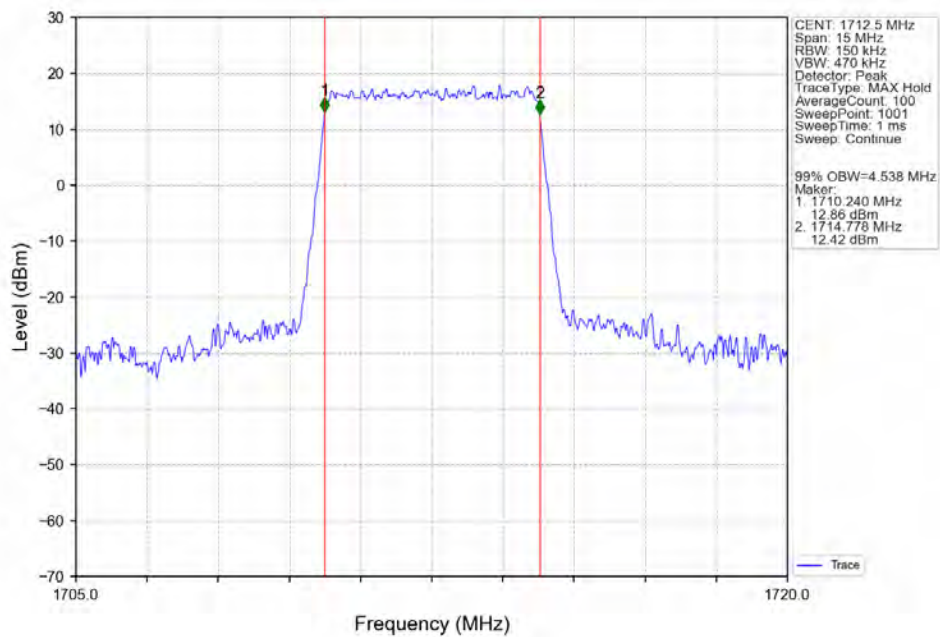
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



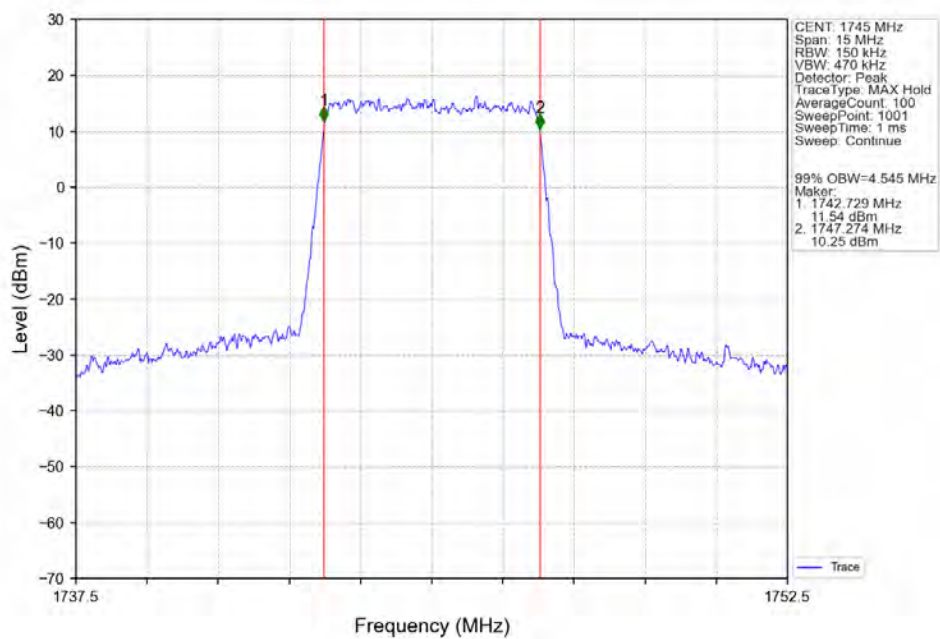
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



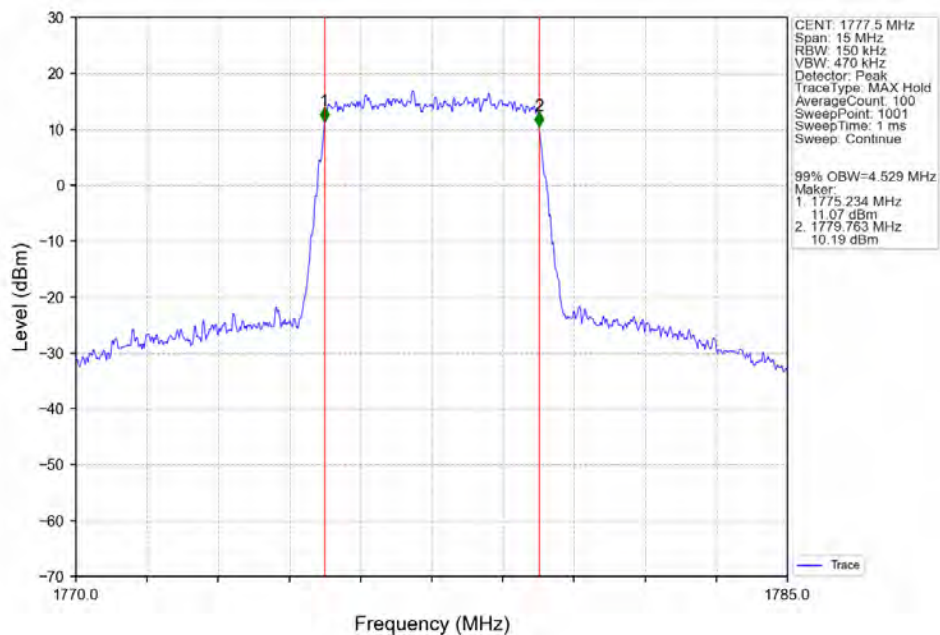
Band66_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



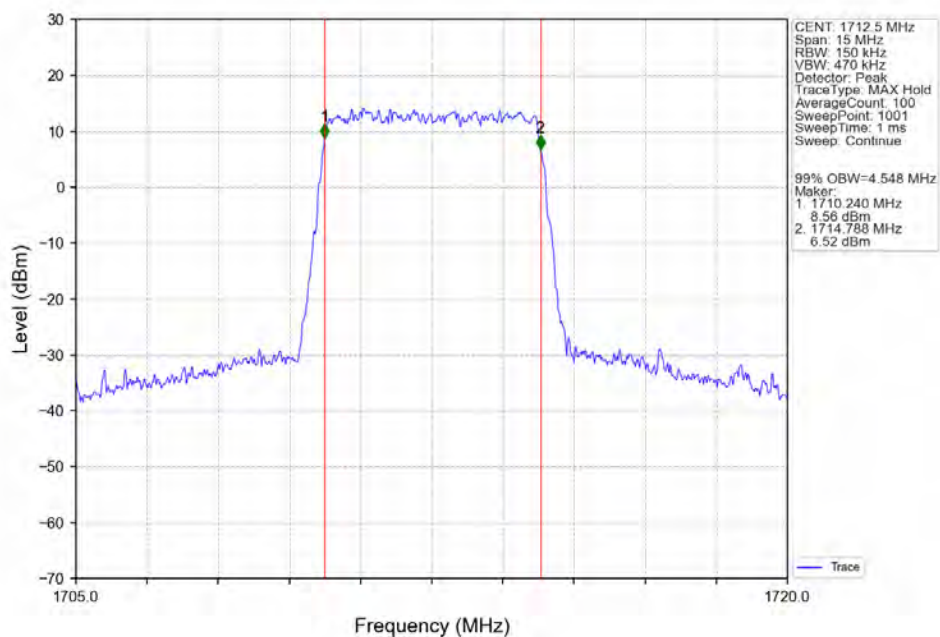
Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



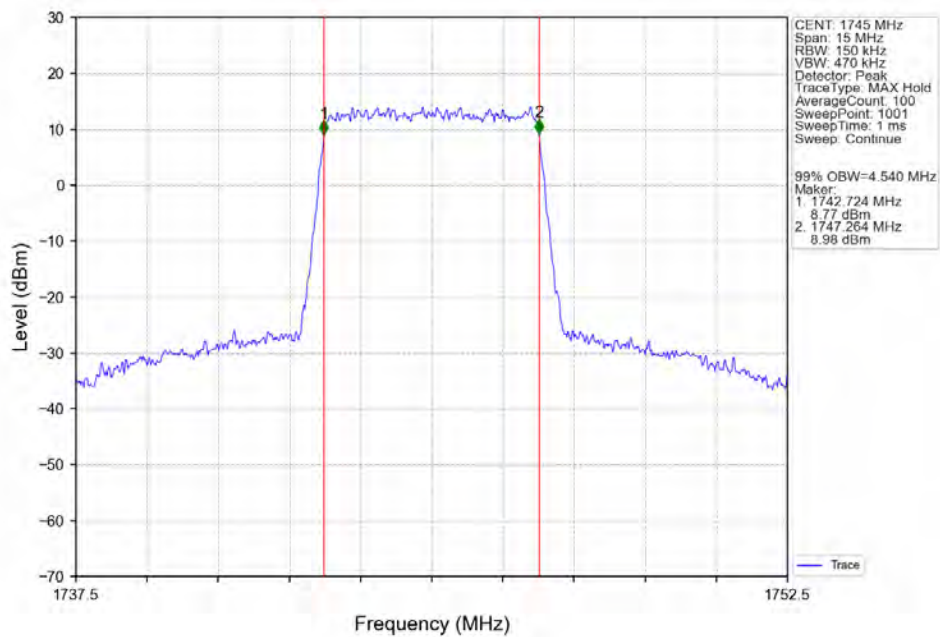
Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



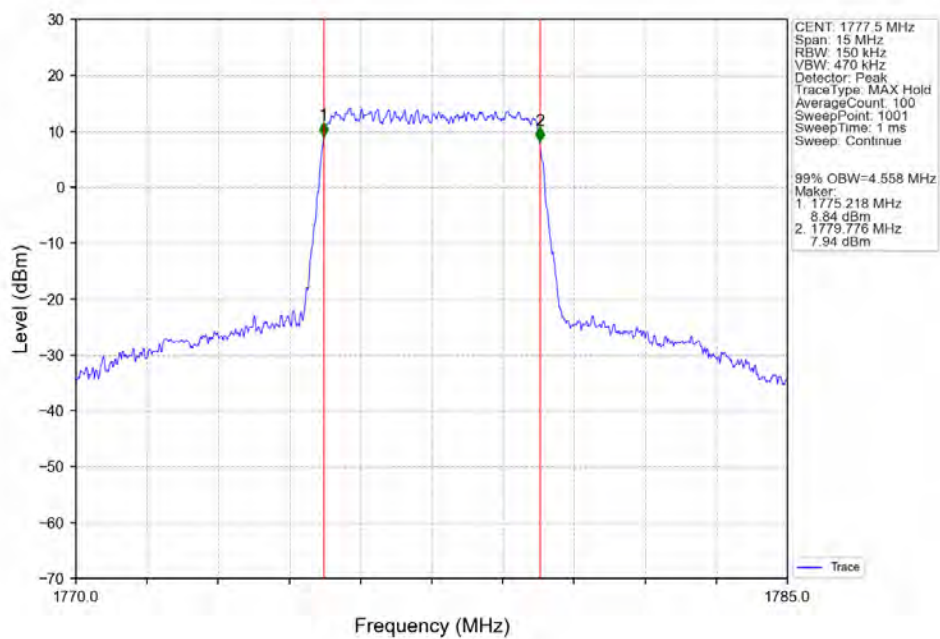
Band66_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV



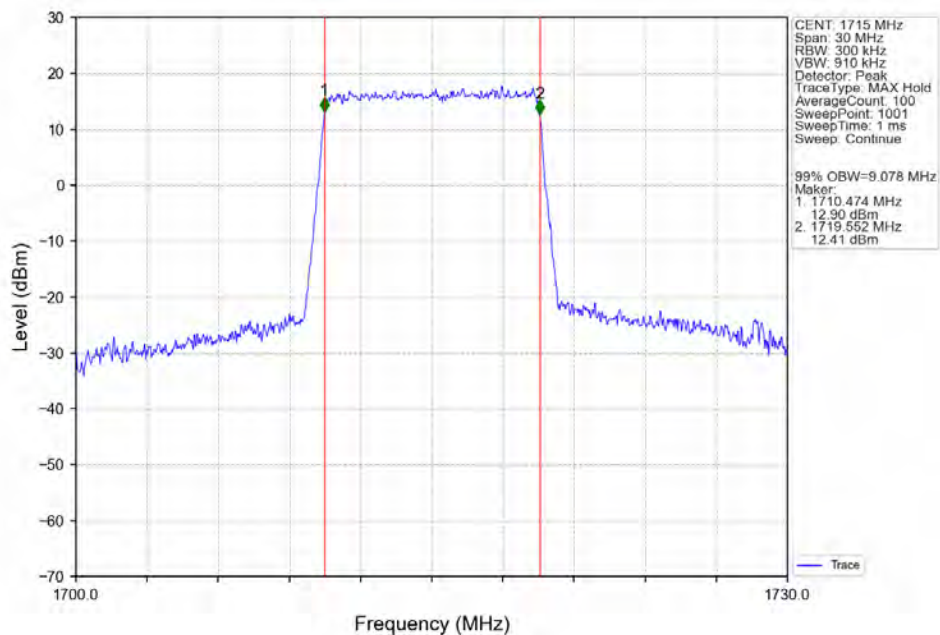
Band66_5MHz_256QAM_MCH_1745MHz_RB_25_0_NTNV



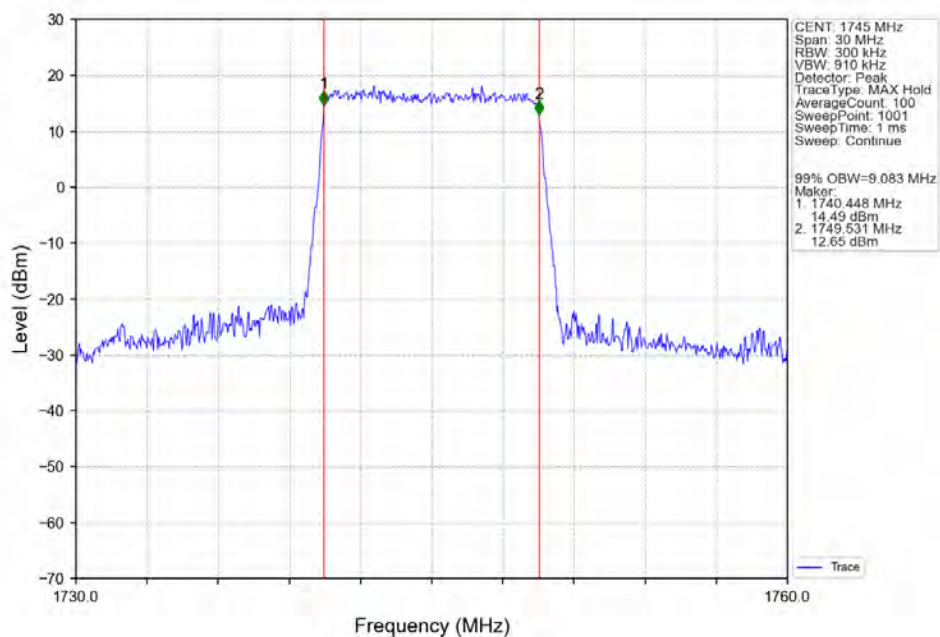
Band66_5MHz_256QAM_HCH_1777.5MHz_RB_25_0_NTNV



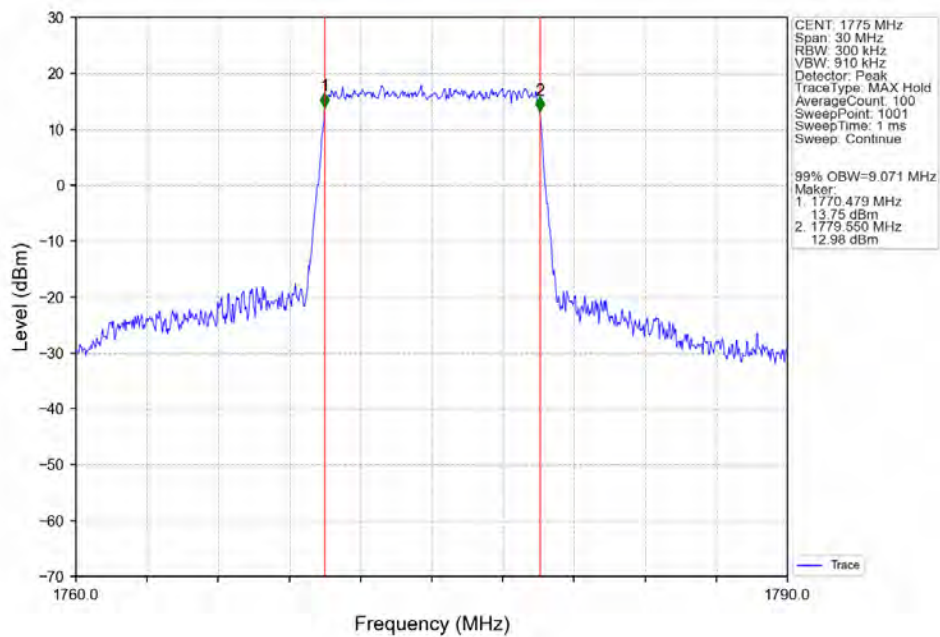
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



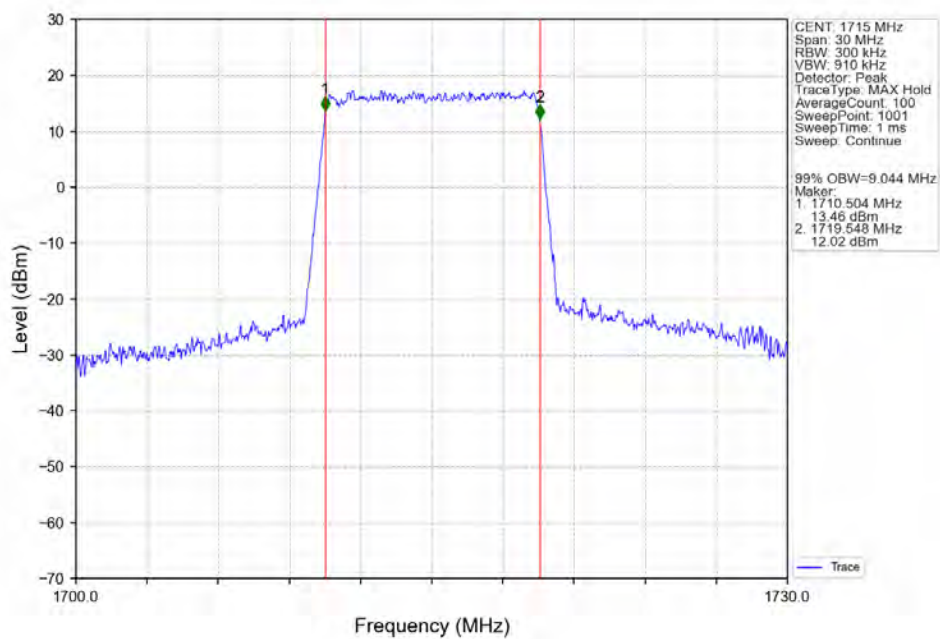
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



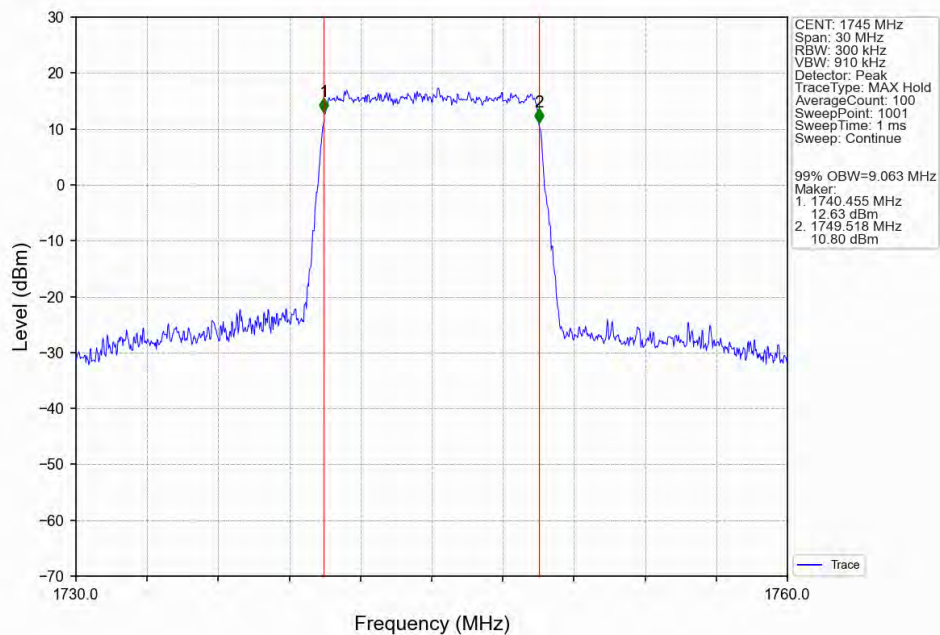
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



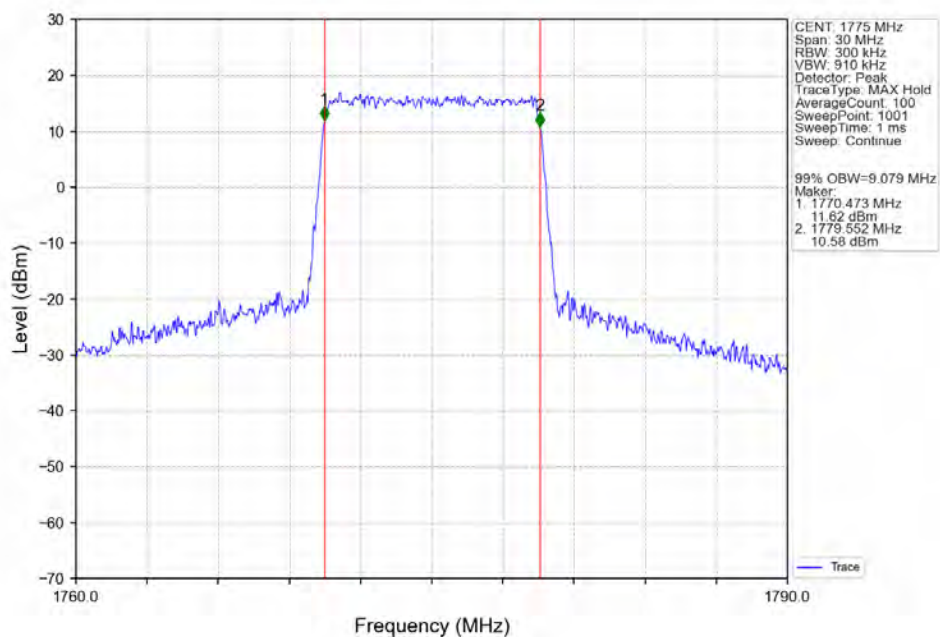
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



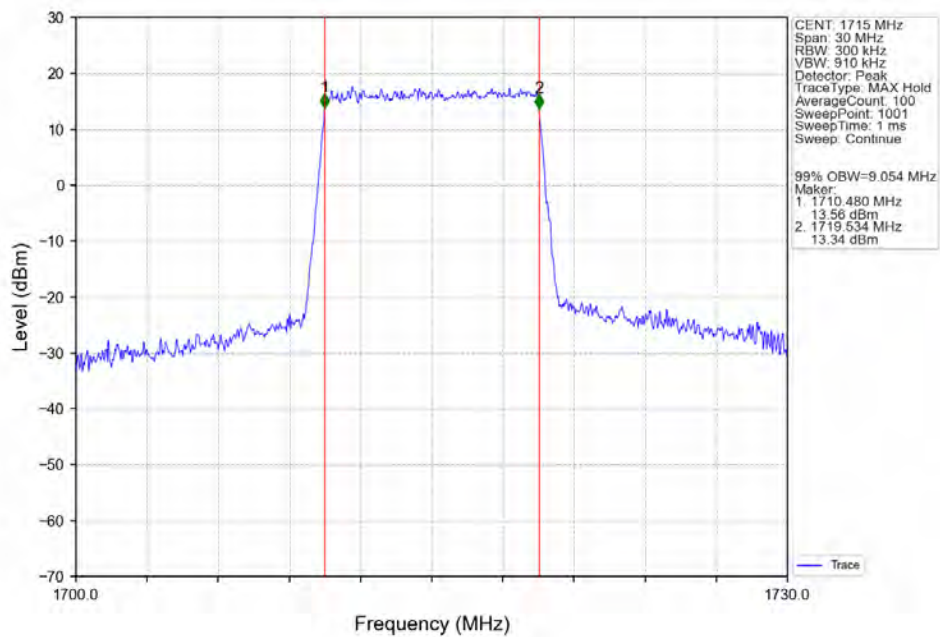
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



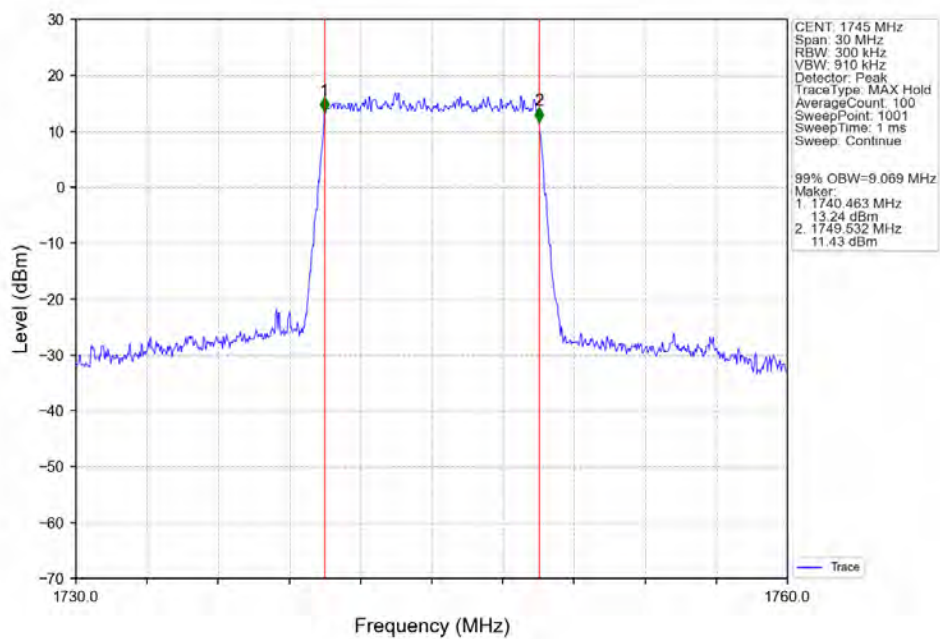
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



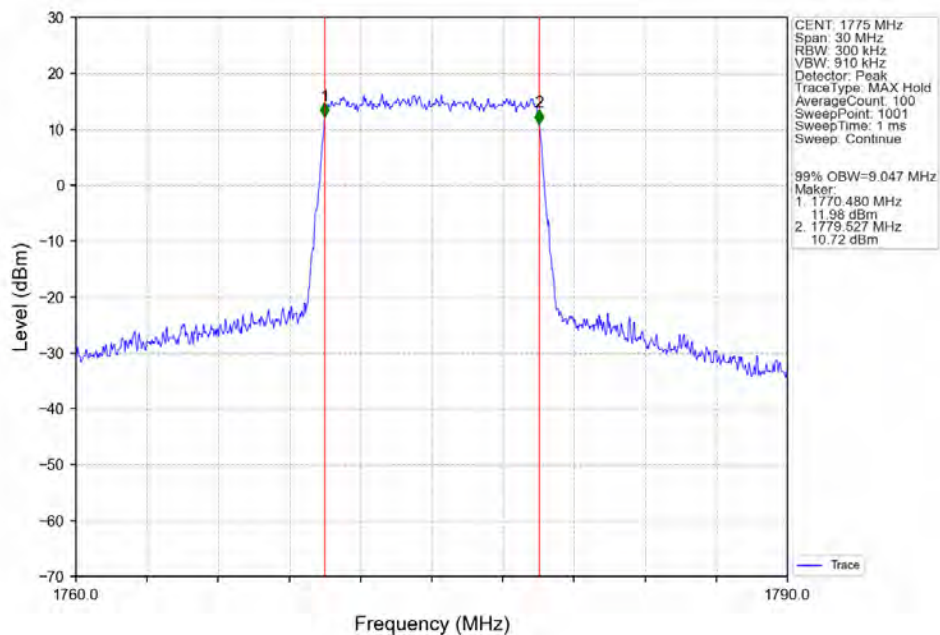
Band66_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



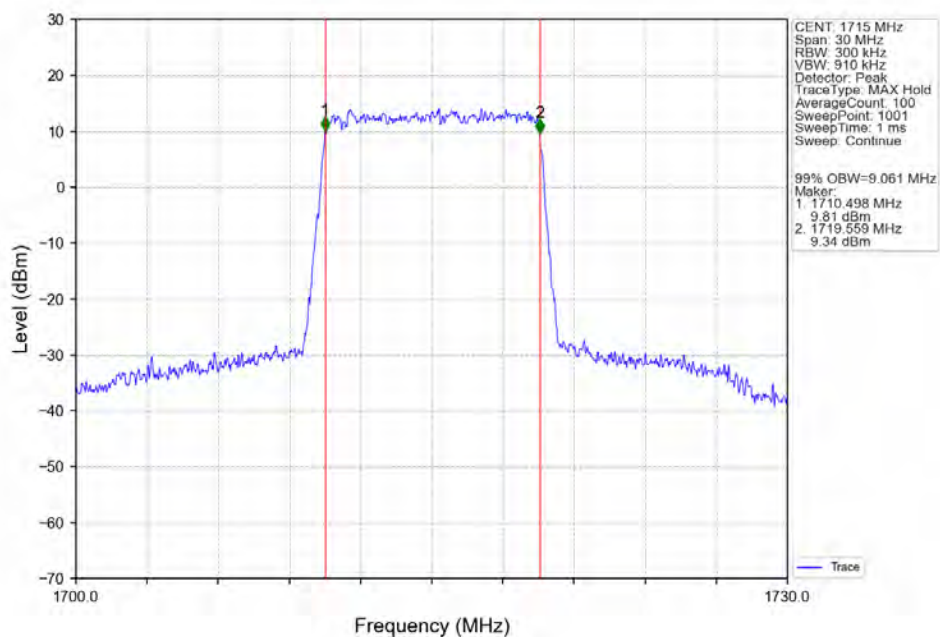
Band66_10MHz_64QAM_MCH_1745MHz_RB_50_0_NTNV



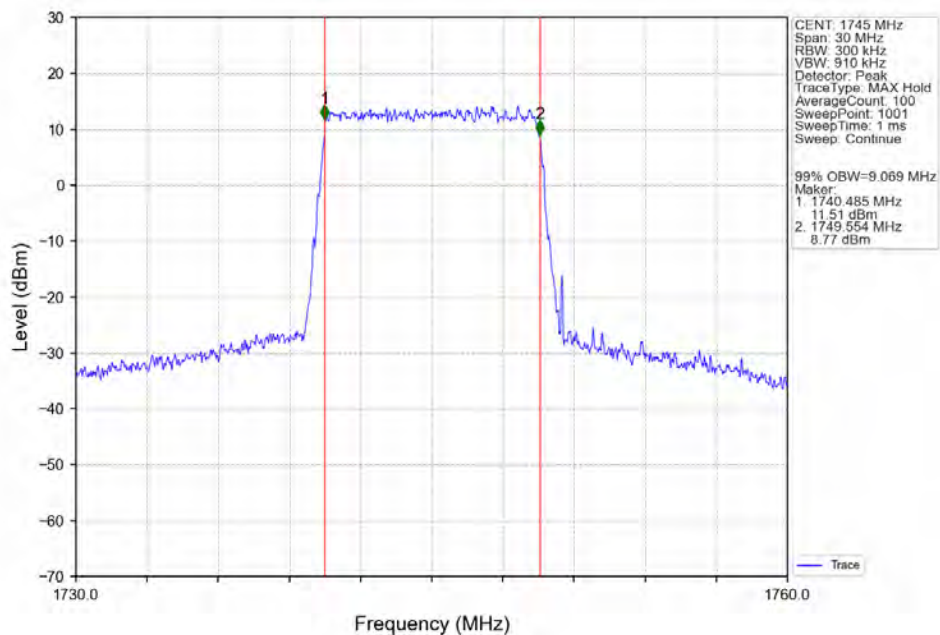
Band66_10MHz_64QAM_HCH_1775MHz_RB_50_0_NTNV



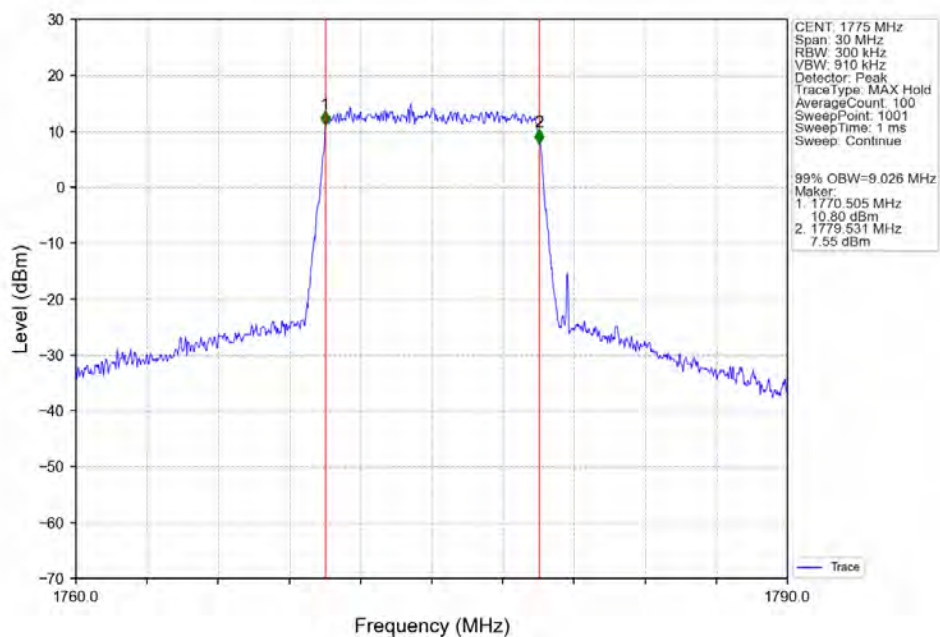
Band66_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



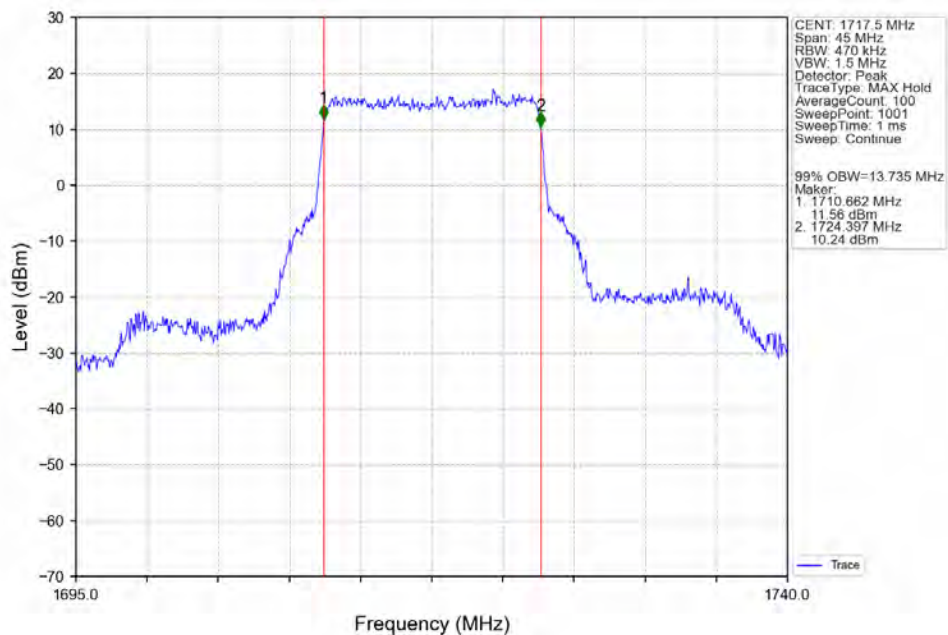
Band66_10MHz_256QAM_MCH_1745MHz_RB_50_0_NTNV



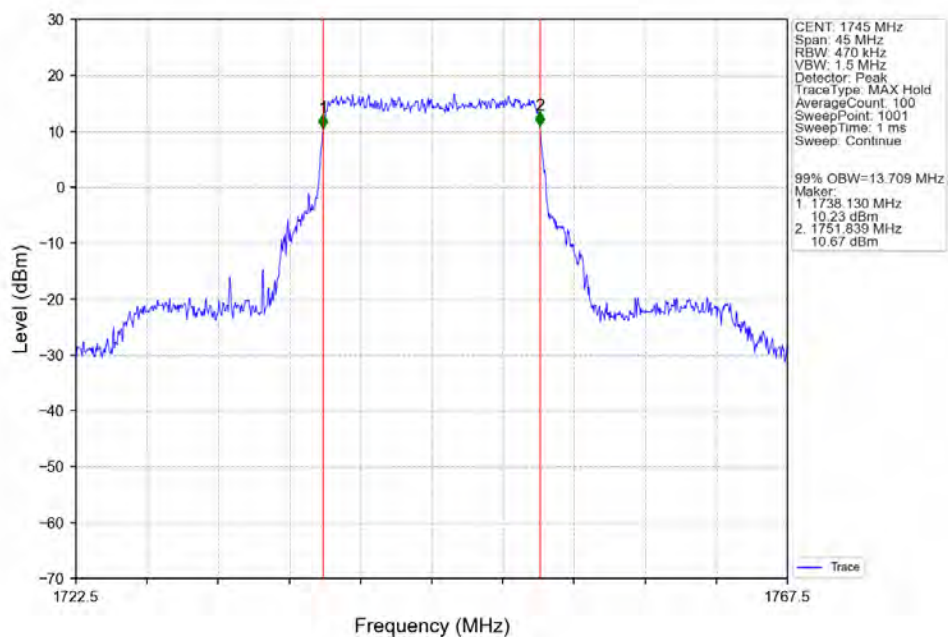
Band66_10MHz_256QAM_HCH_1775MHz_RB_50_0_NTNV



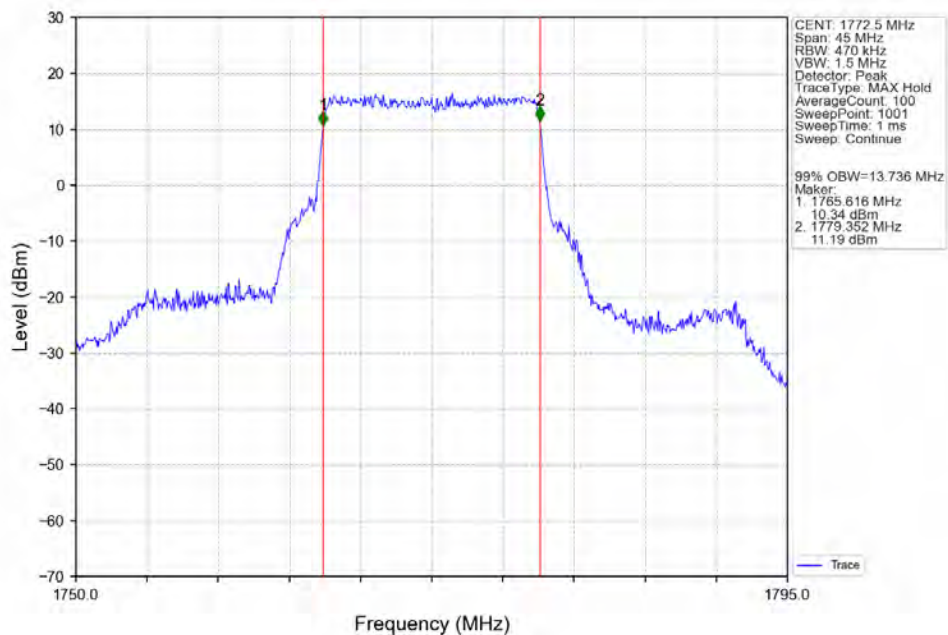
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



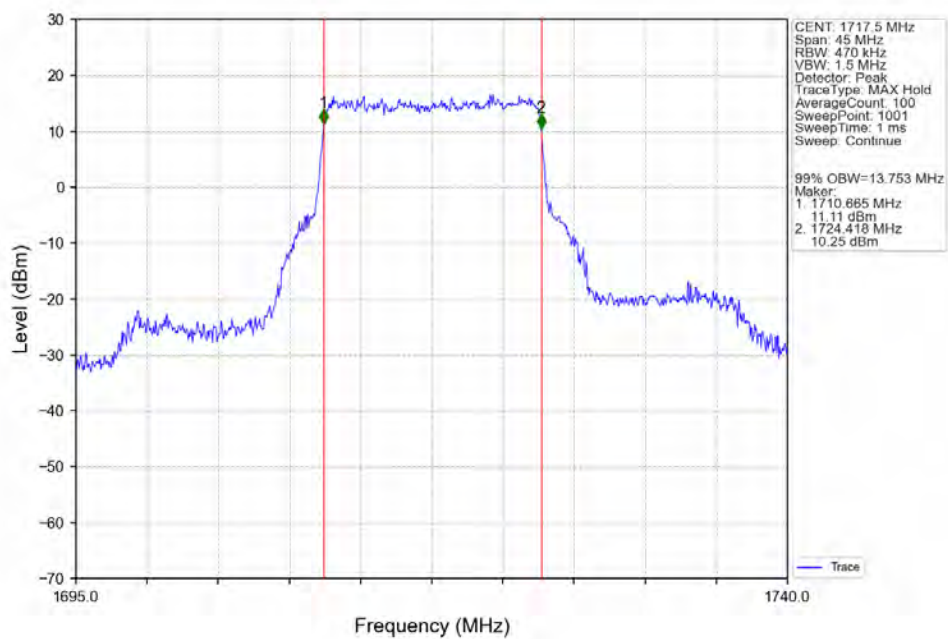
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



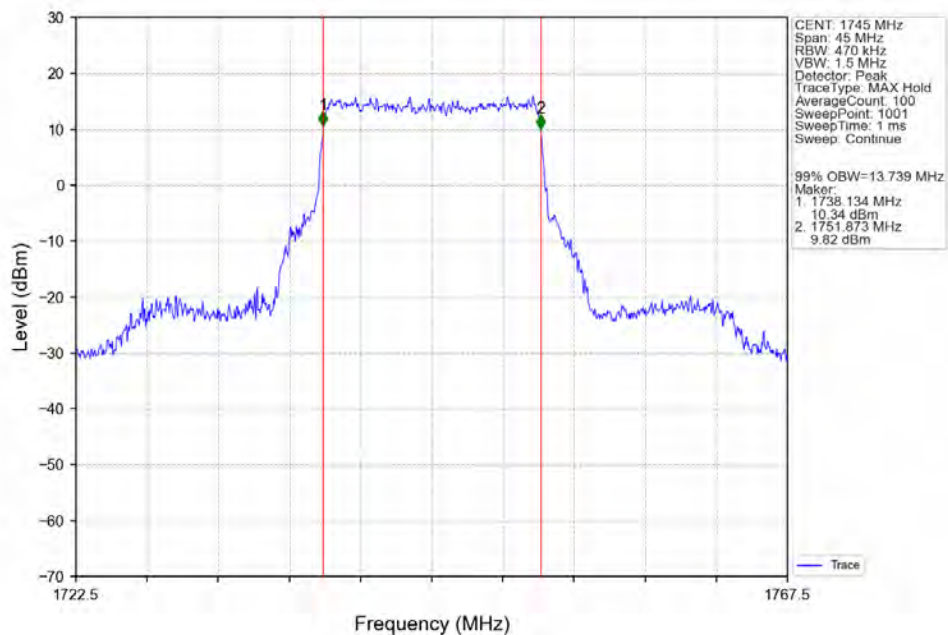
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



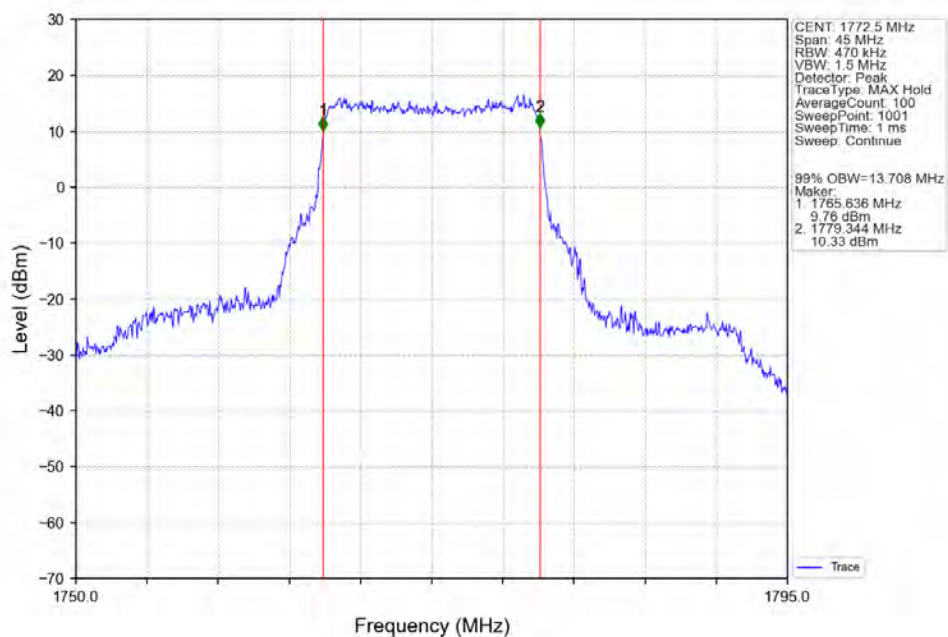
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



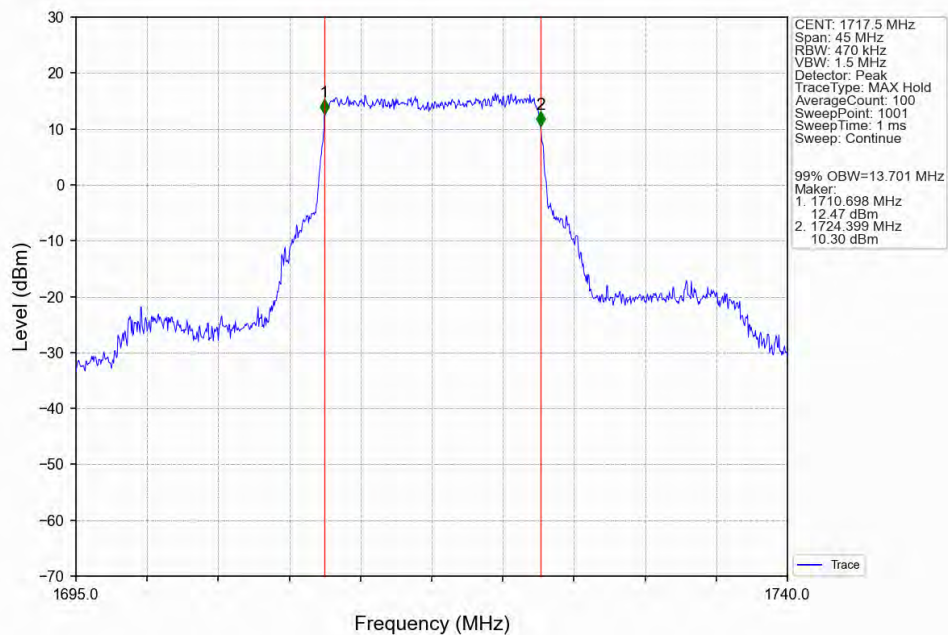
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



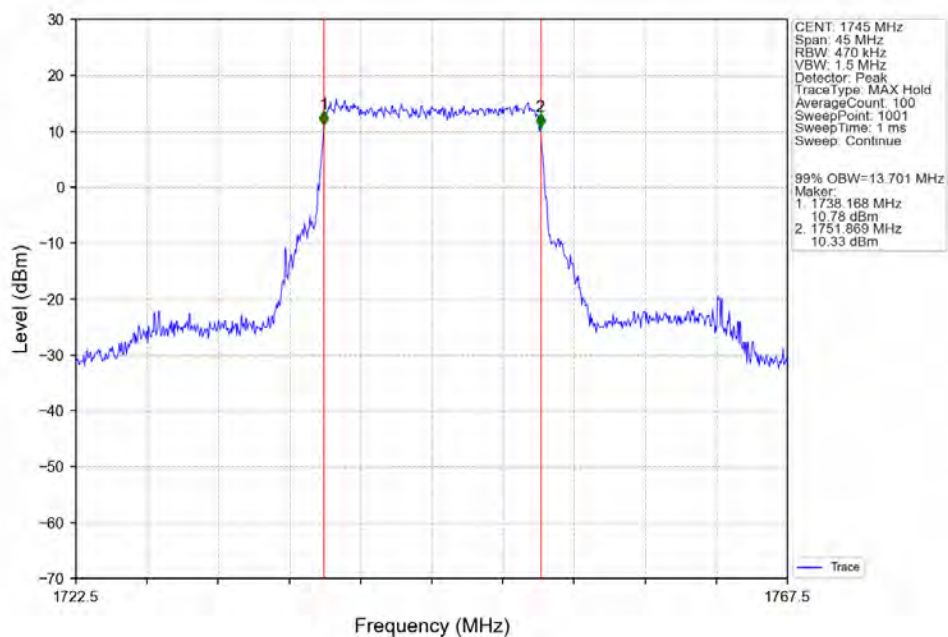
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



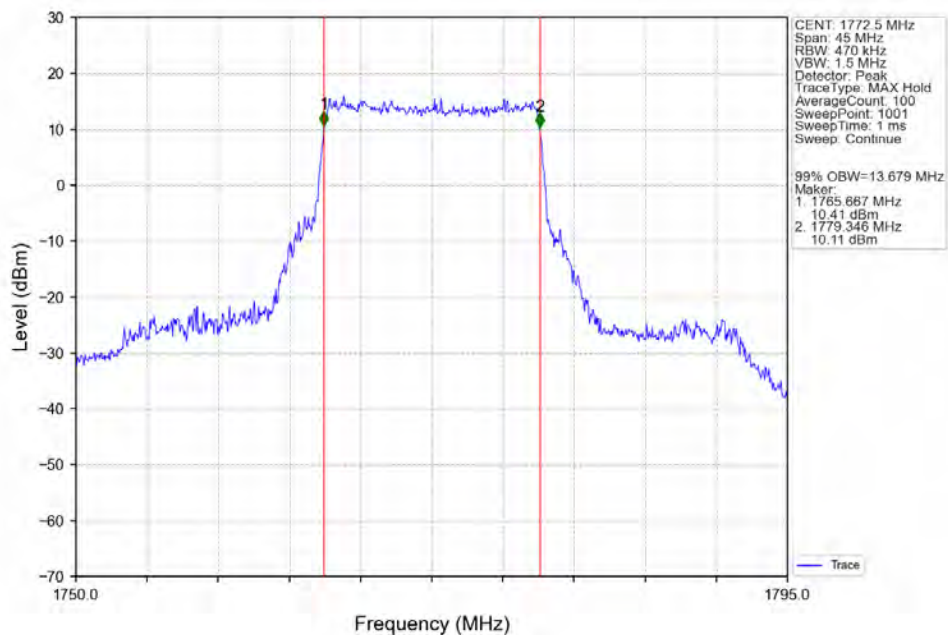
Band66_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



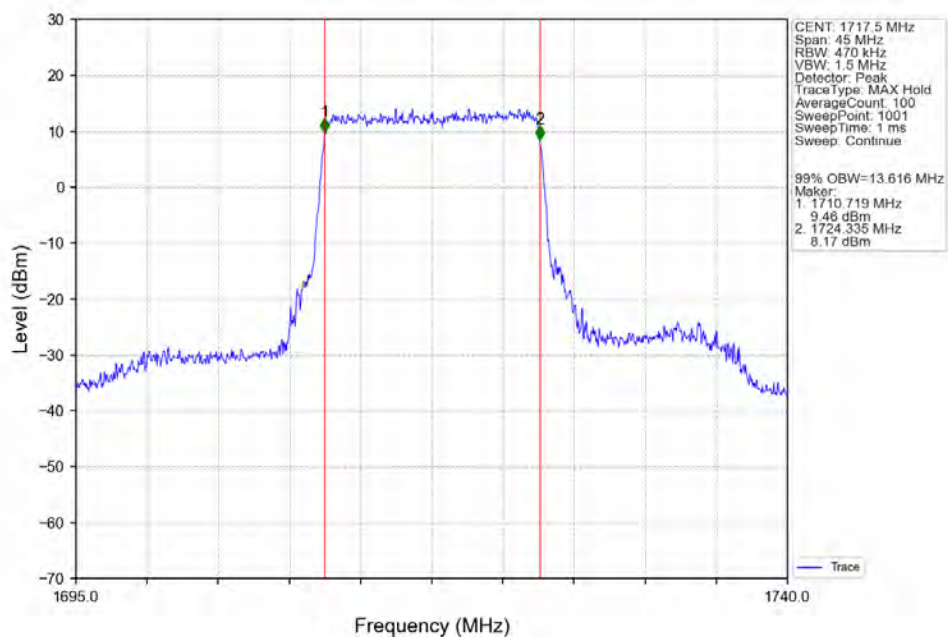
Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



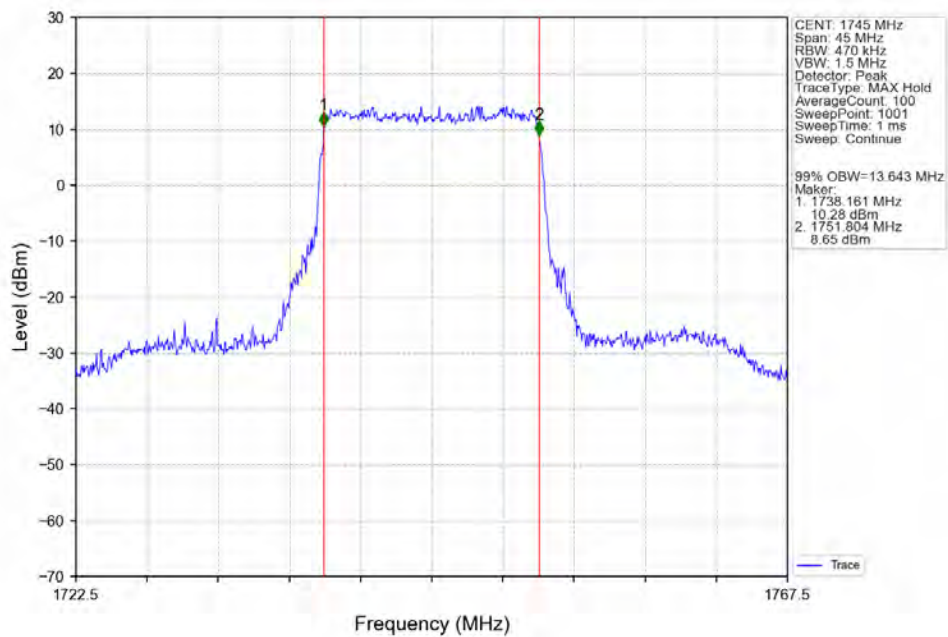
Band66_15MHz_64QAM_HCH_1772.5MHz_RB_75_0_NTNV



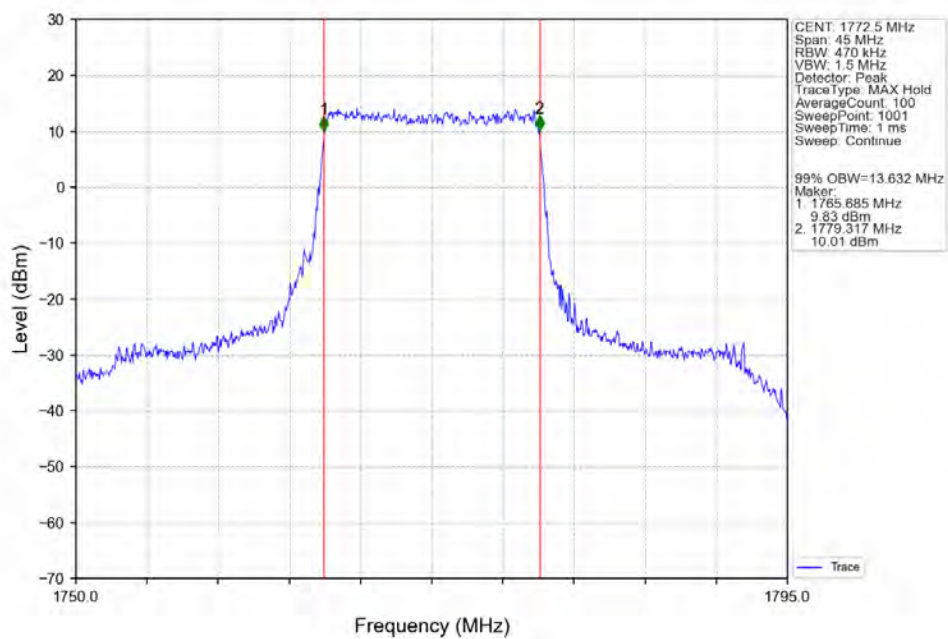
Band66_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV



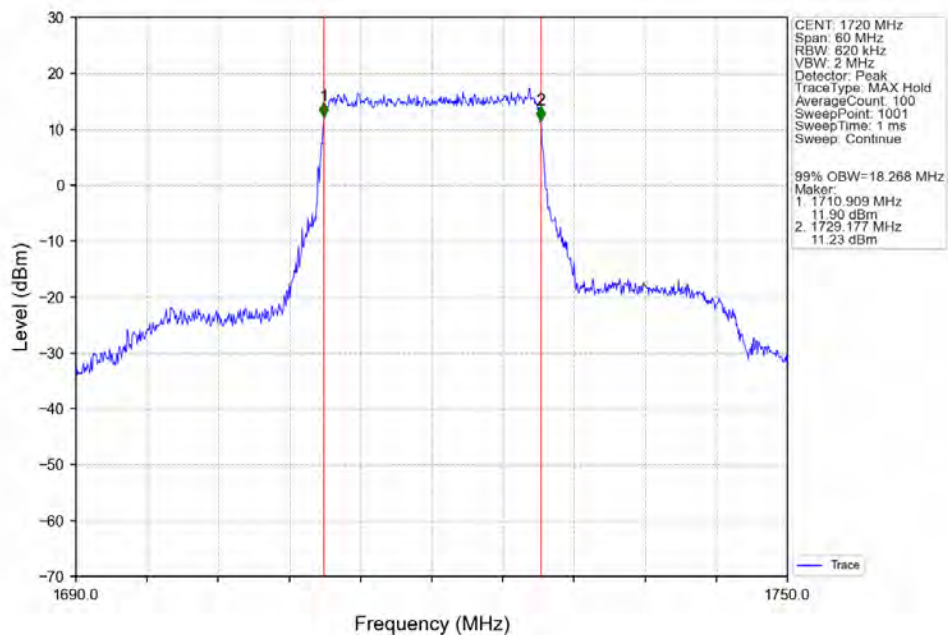
Band66_15MHz_256QAM_MCH_1745MHz_RB_75_0_NTNV



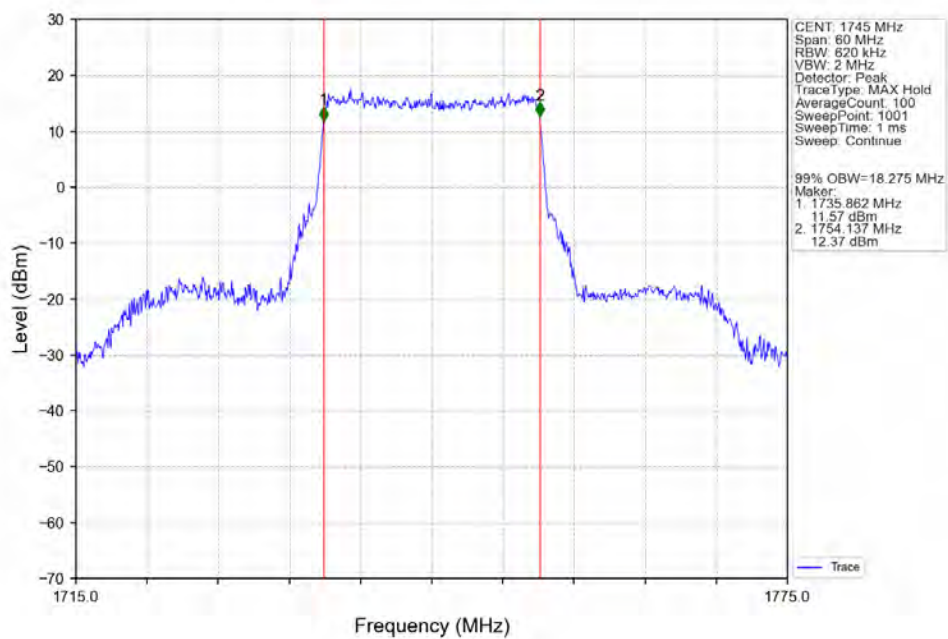
Band66_15MHz_256QAM_HCH_1772.5MHz_RB_75_0_NTNV



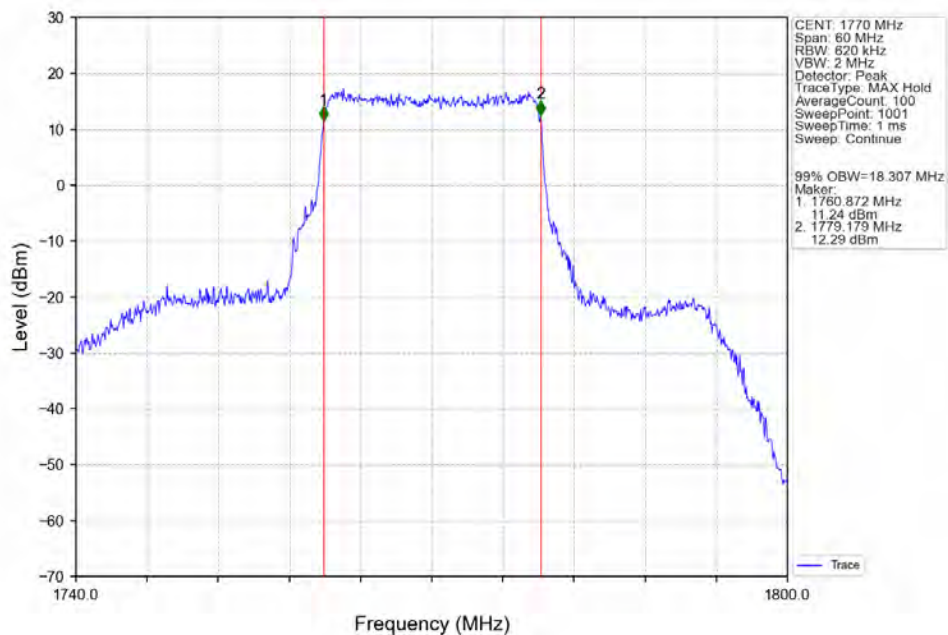
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



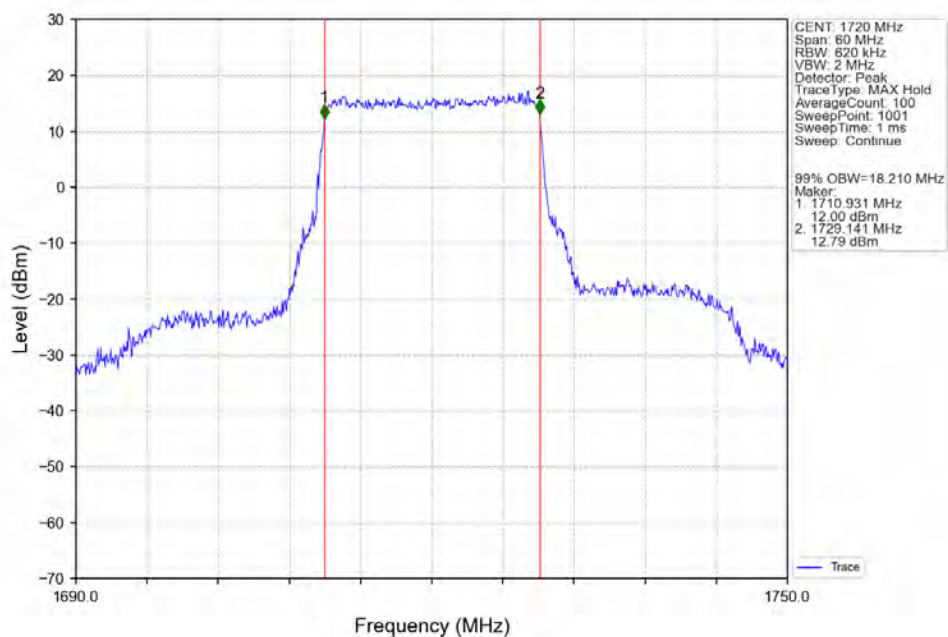
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



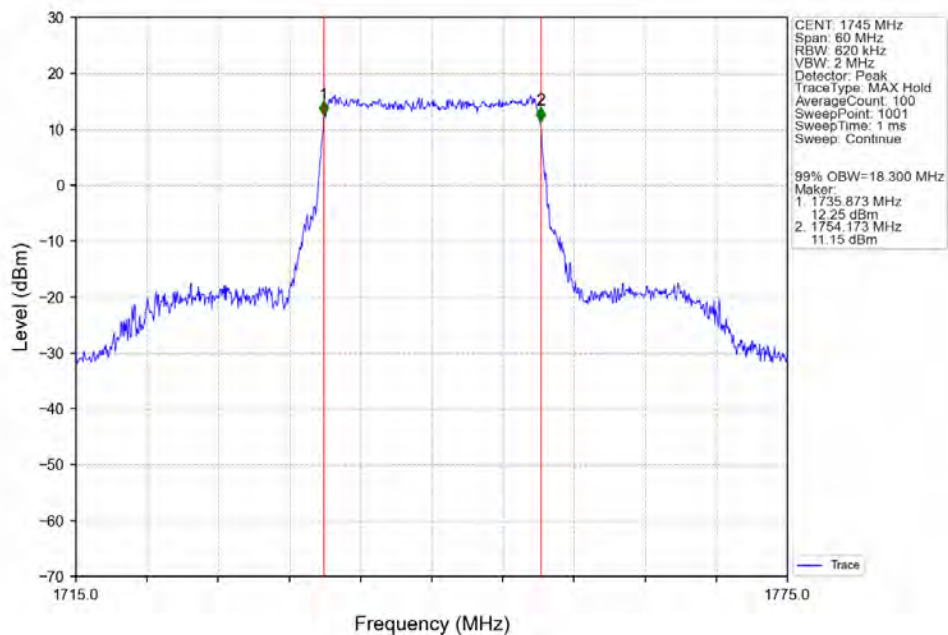
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



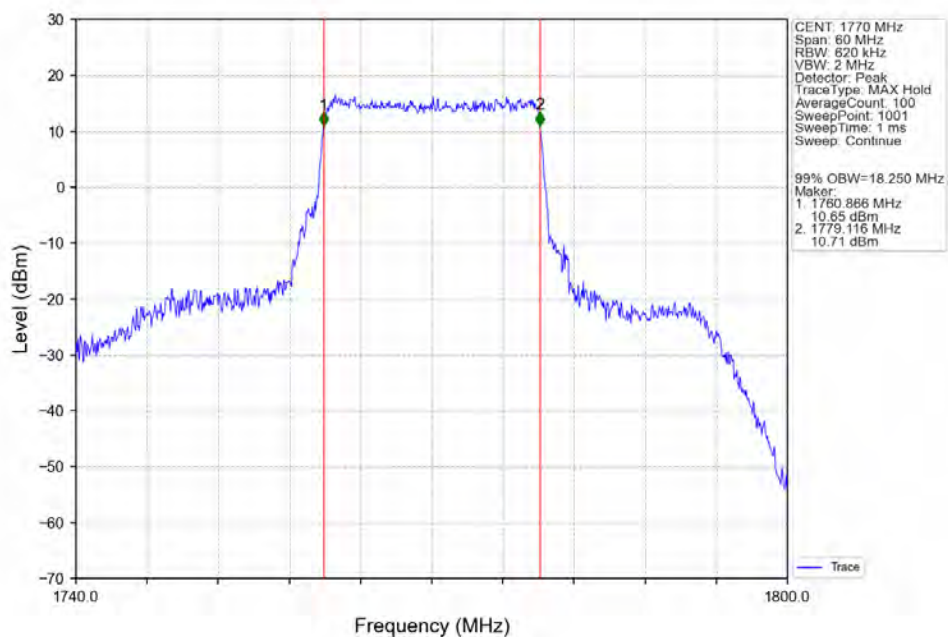
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



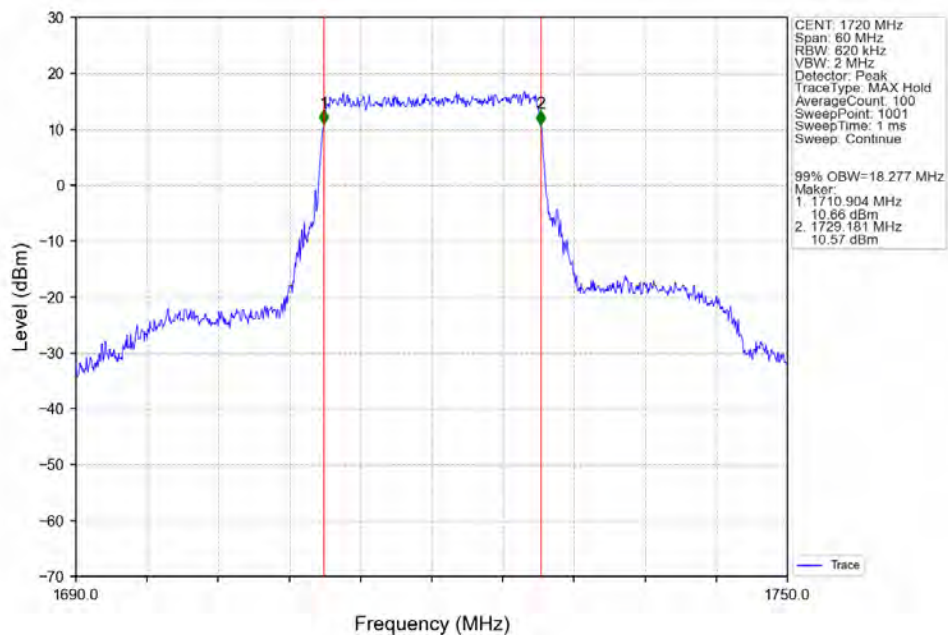
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



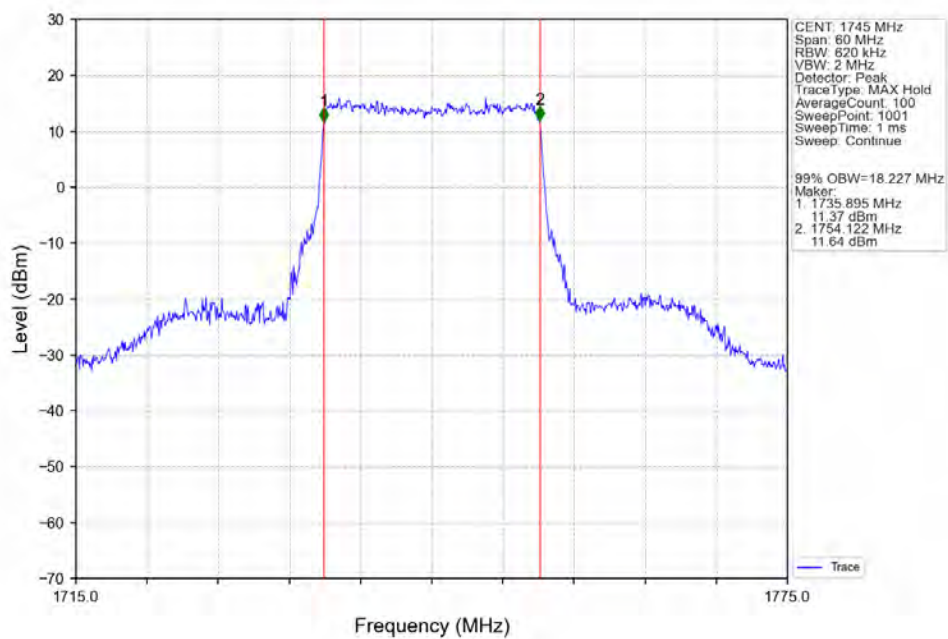
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



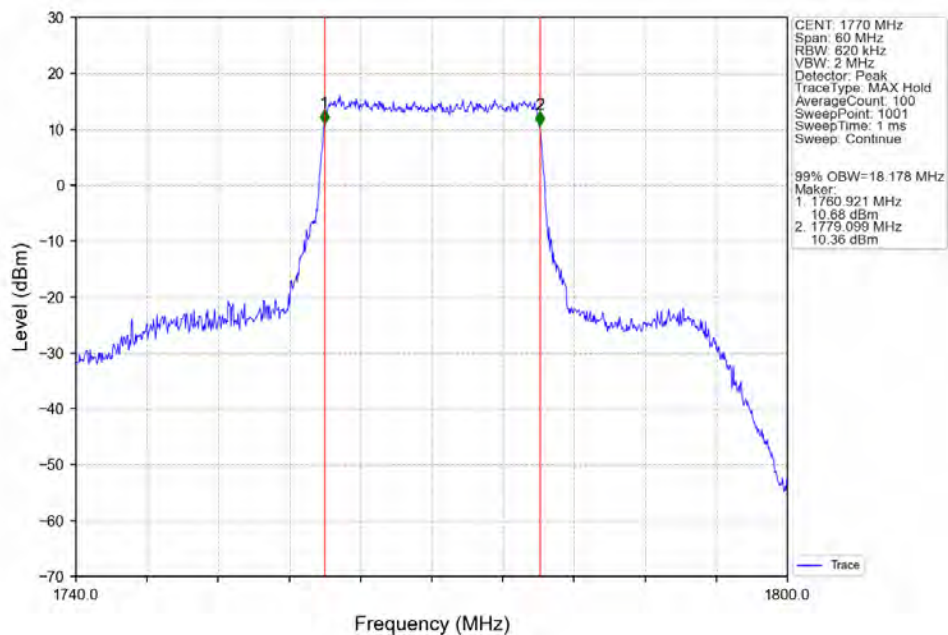
Band66_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



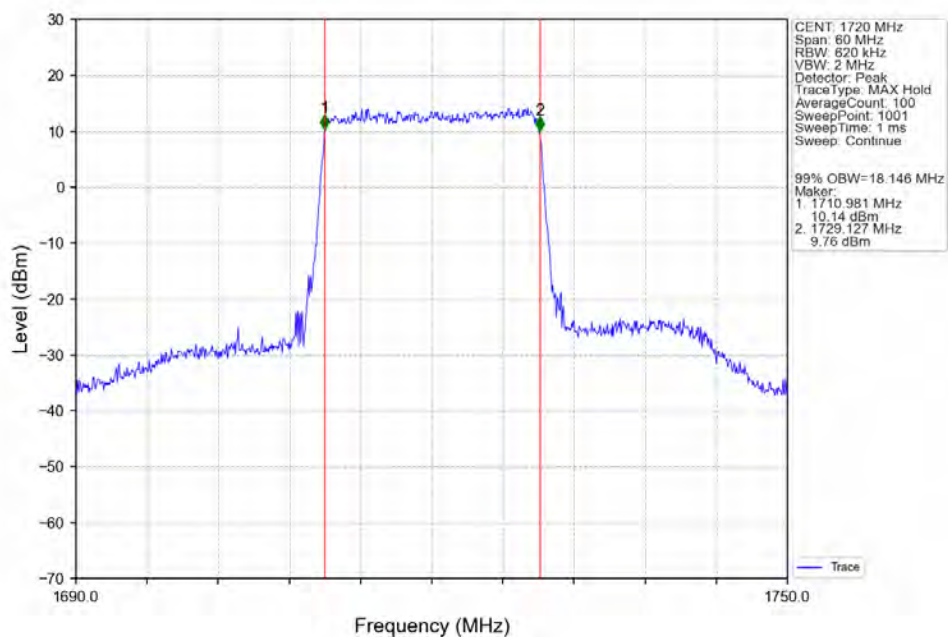
Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



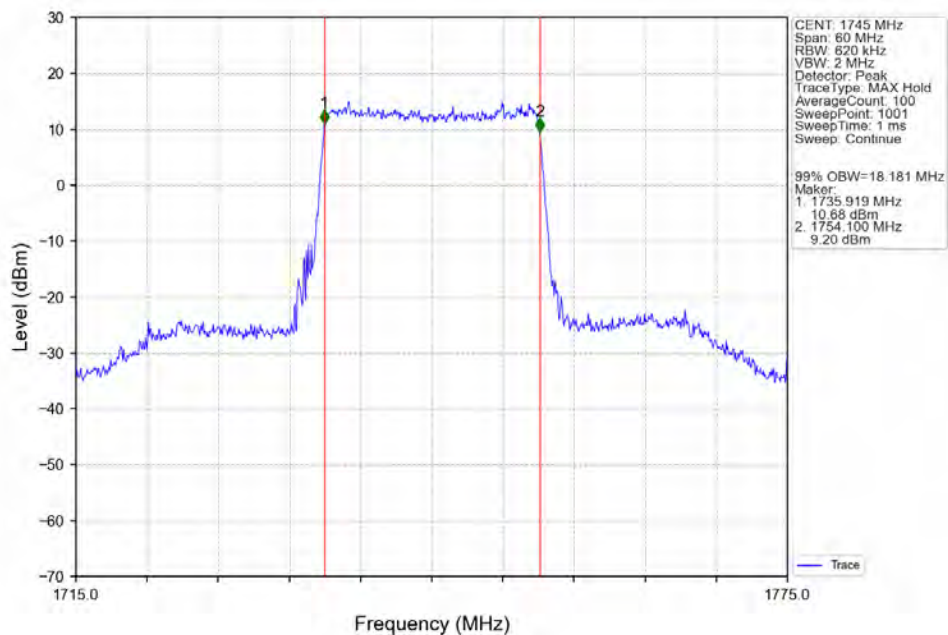
Band66_20MHz_64QAM_HCH_1770MHz_RB_100_0_NTNV



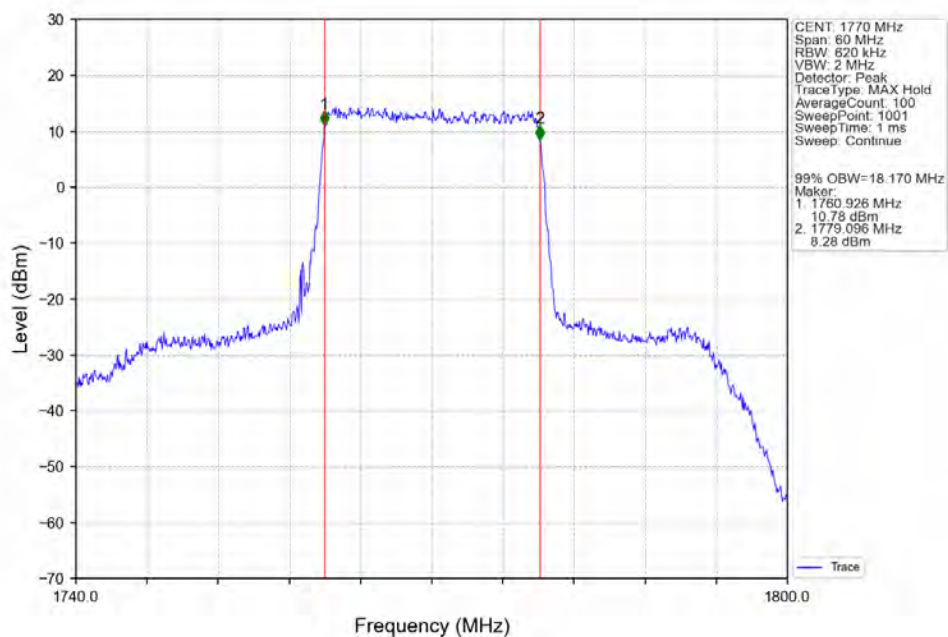
Band66_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



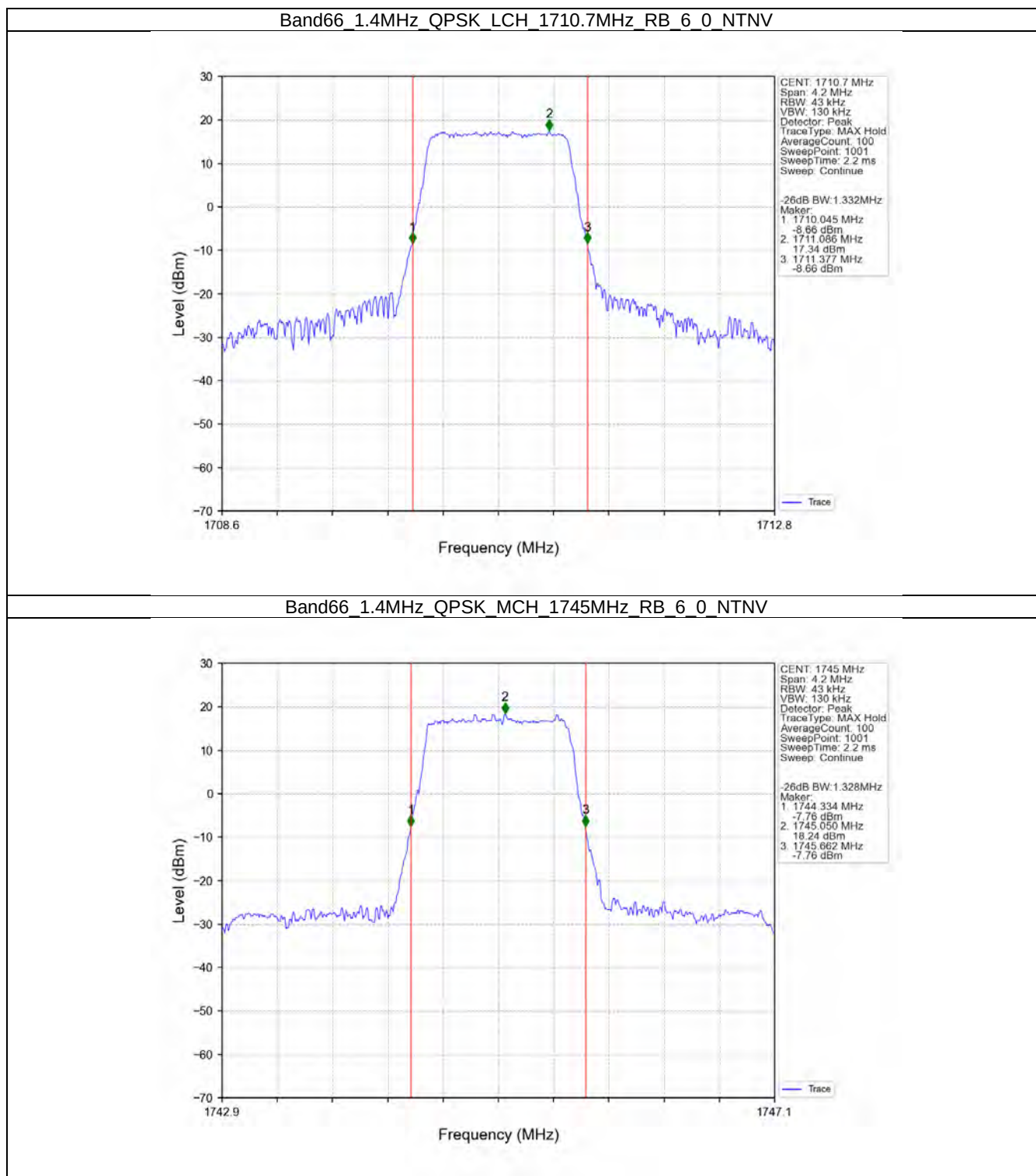
Band66_20MHz_256QAM_MCH_1745MHz_RB_100_0_NTNV



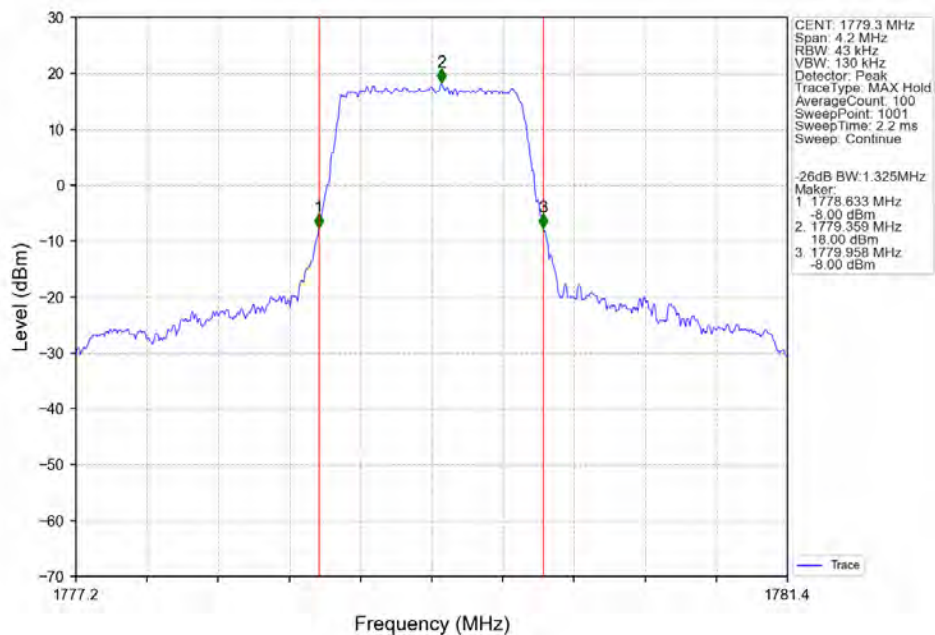
Band66_20MHz_256QAM_HCH_1770MHz_RB_100_0_NTNV



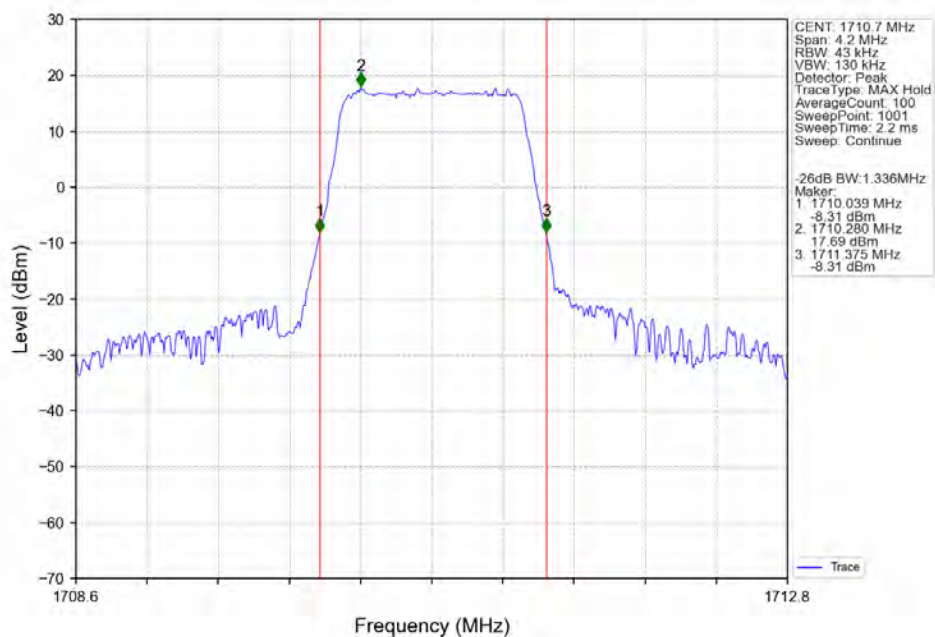
3.2.2 Band66_XDB



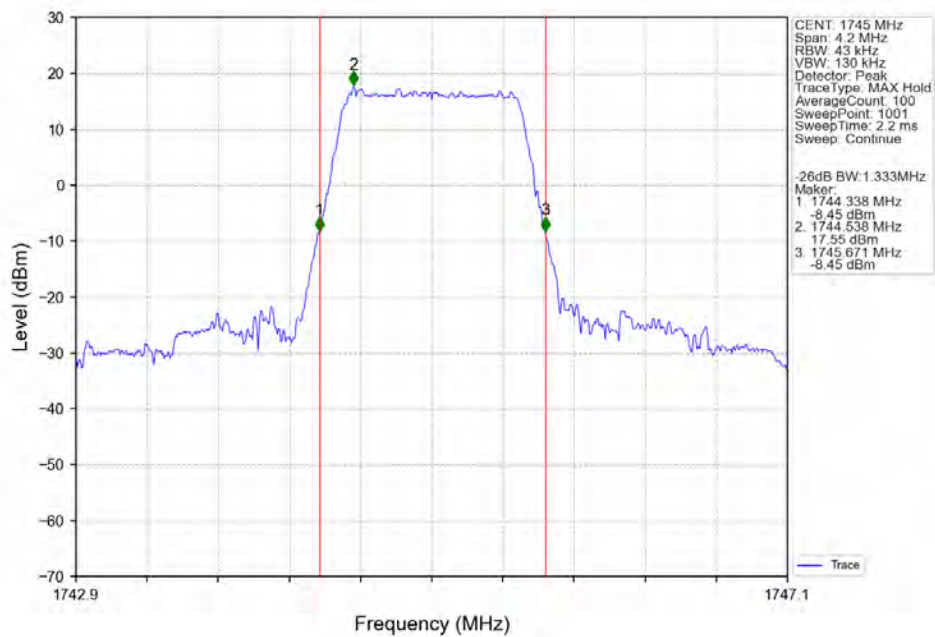
Band66 1.4MHz QPSK HCH 1779.3MHz RB_6_0 NTN



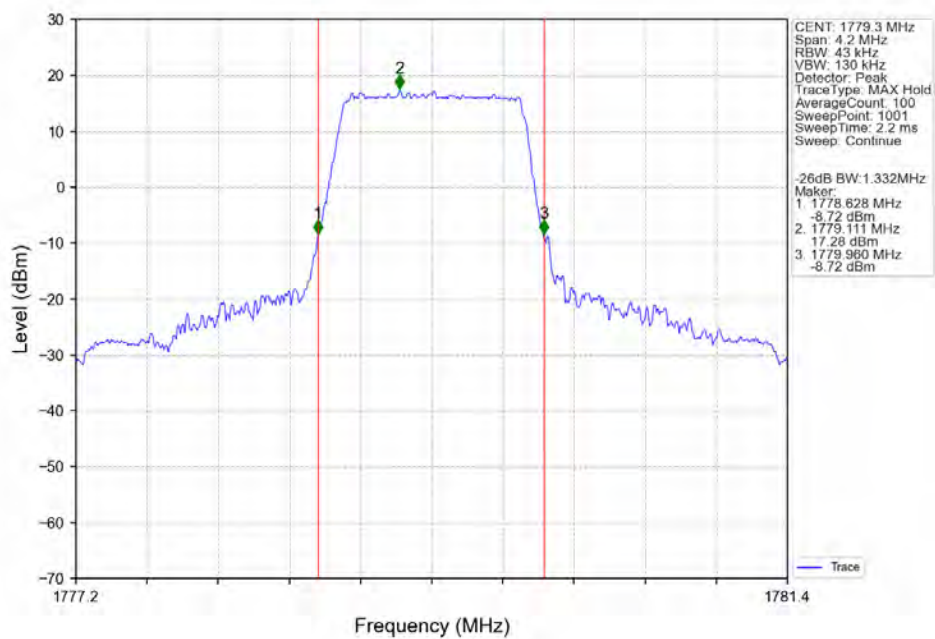
Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6_0 NTN



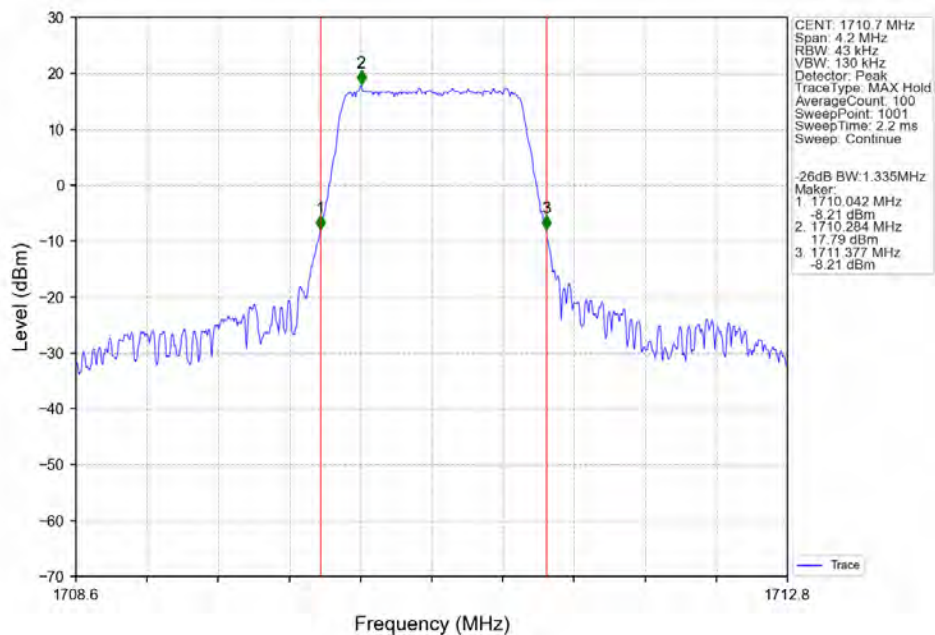
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTN



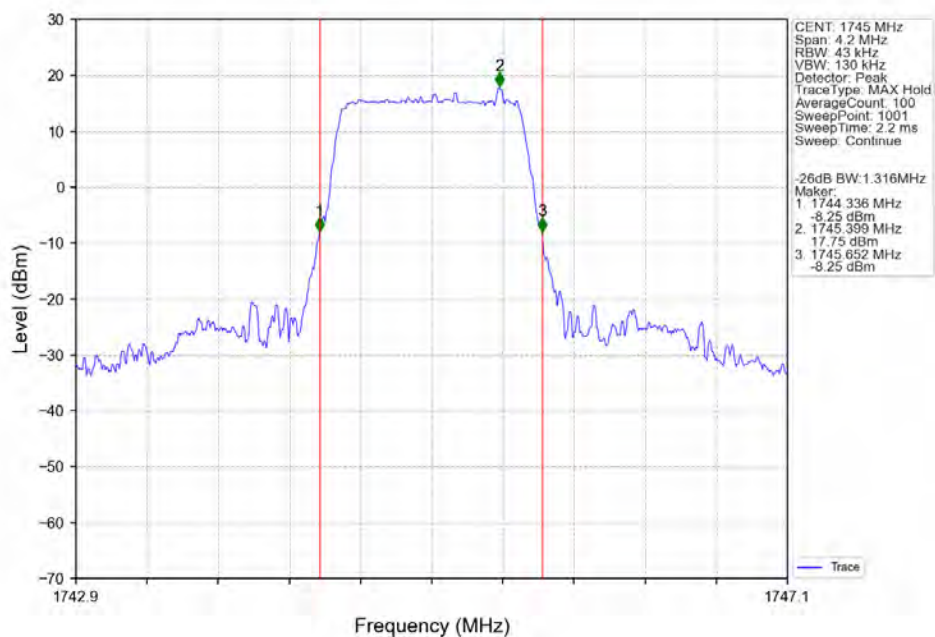
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTN



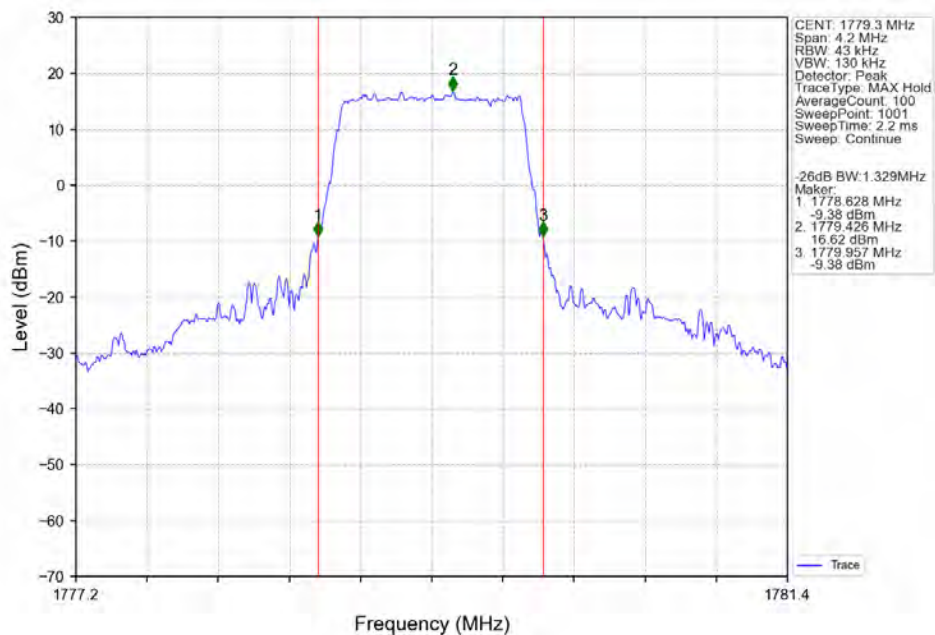
Band66 1.4MHz 64QAM LCH 1710.7MHz RB 6 0 NTNV



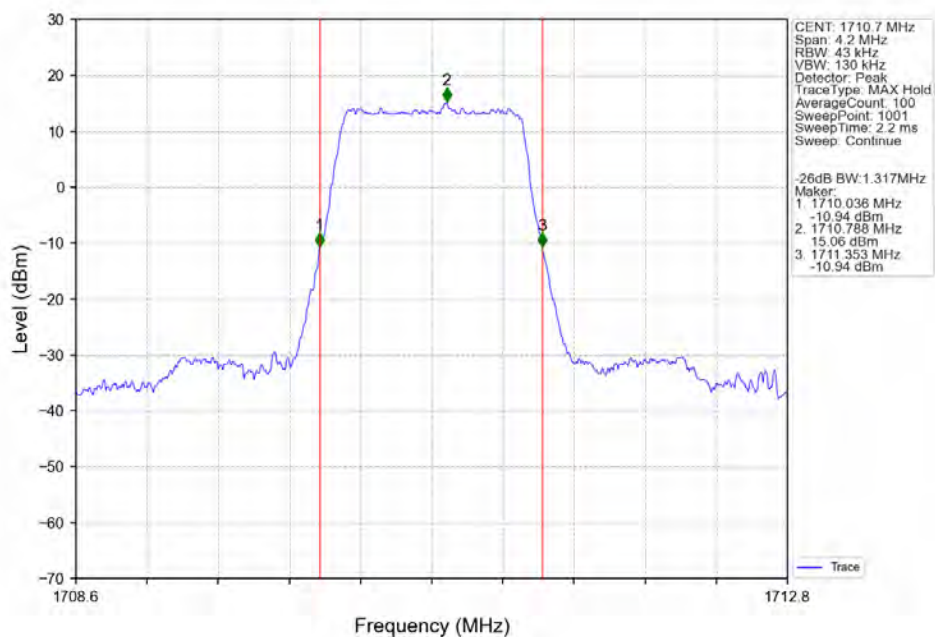
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTNV



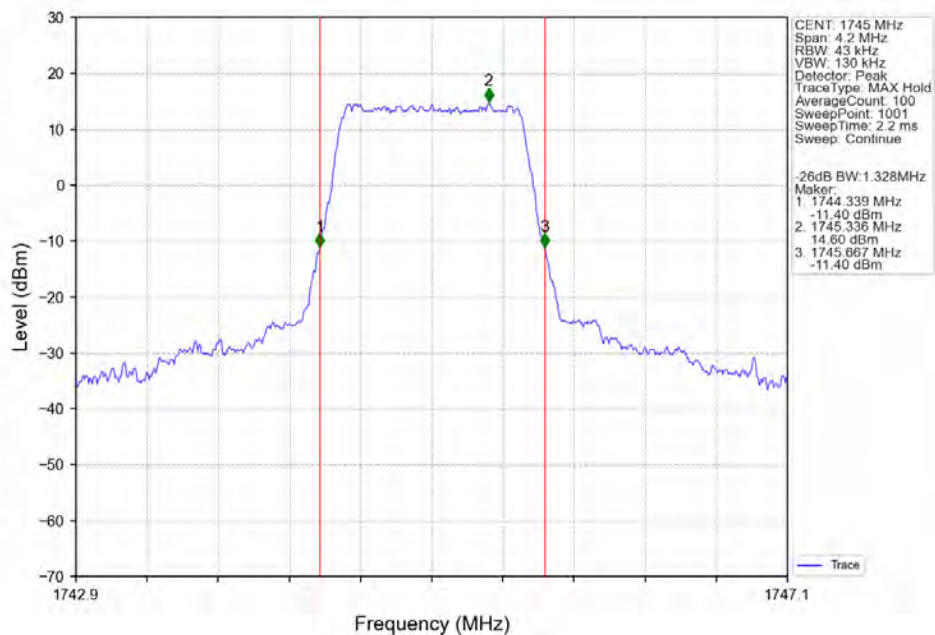
Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



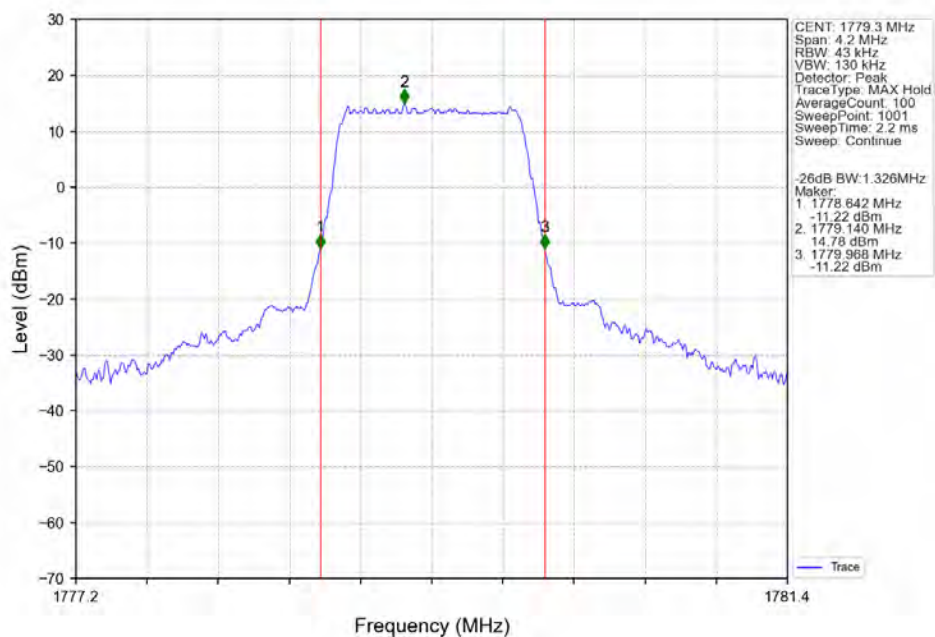
Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



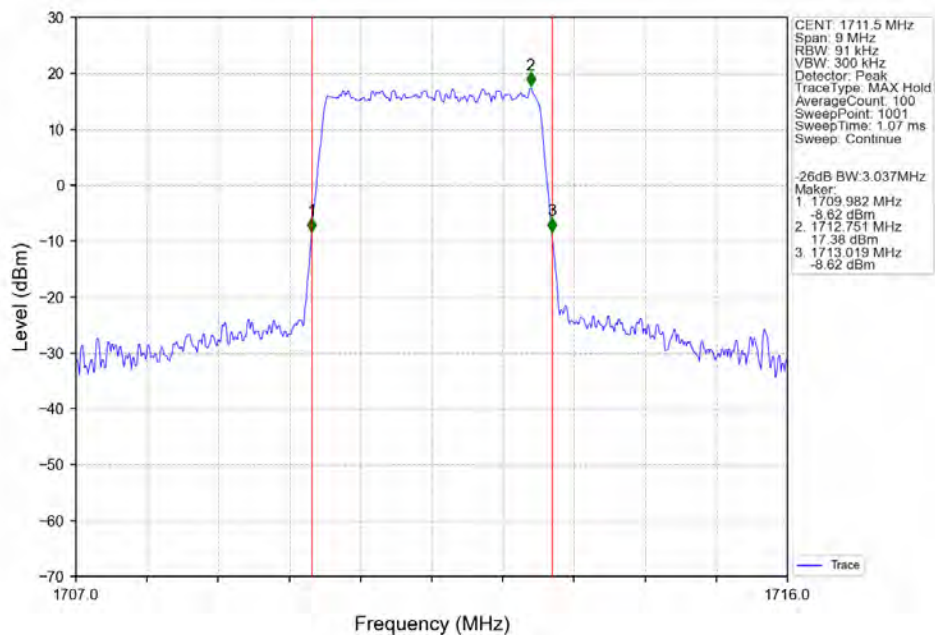
Band66_1.4MHz_256QAM_MCH_1745MHz_RB_6_0_NTNV



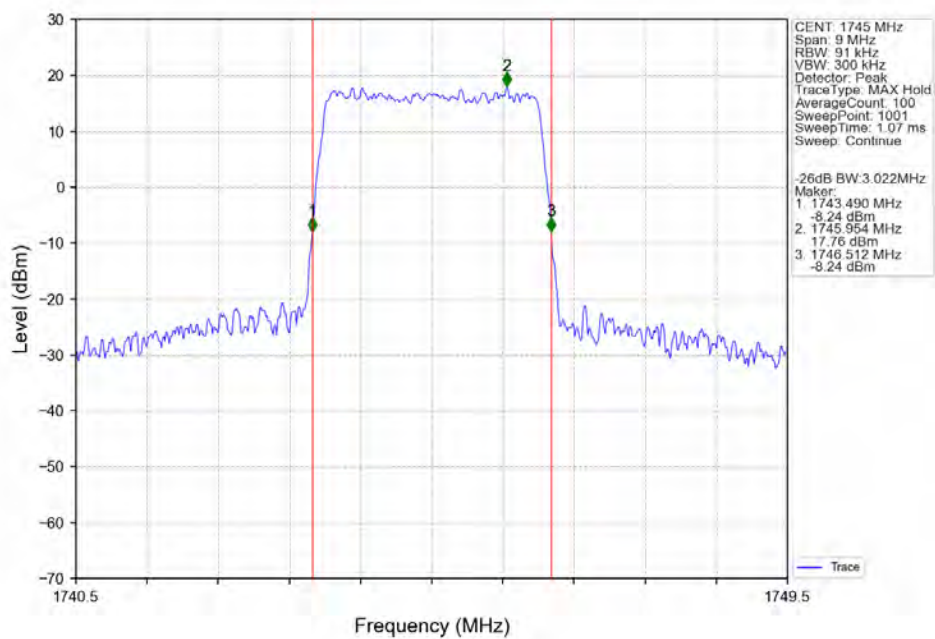
Band66_1.4MHz_256QAM_HCH_1779.3MHz_RB_6_0_NTNV



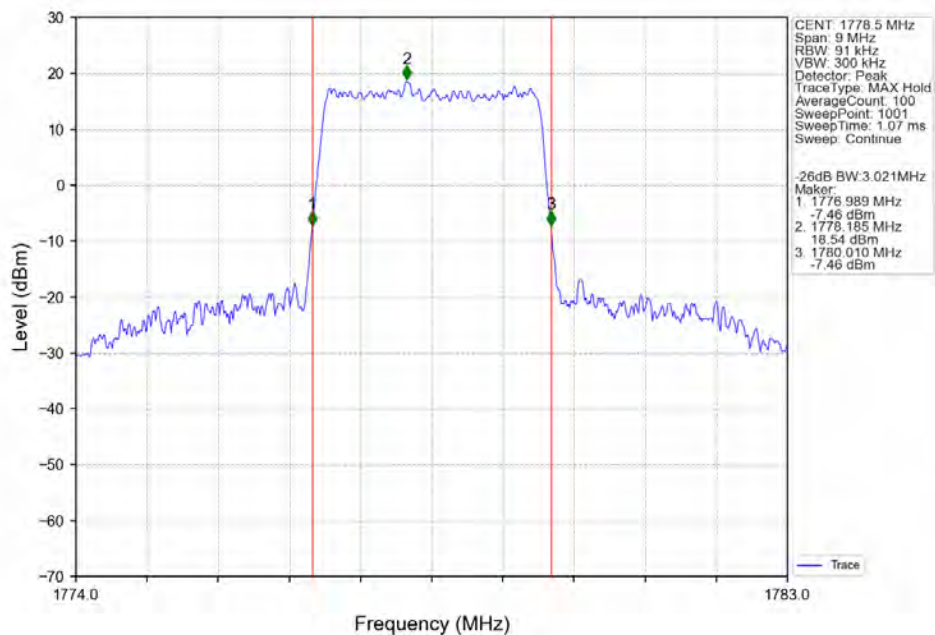
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



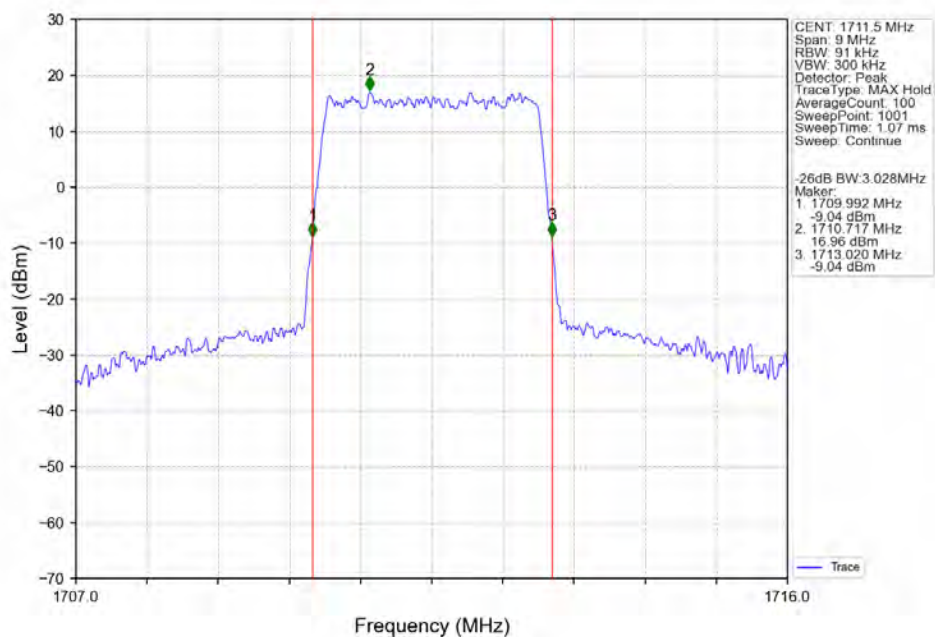
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



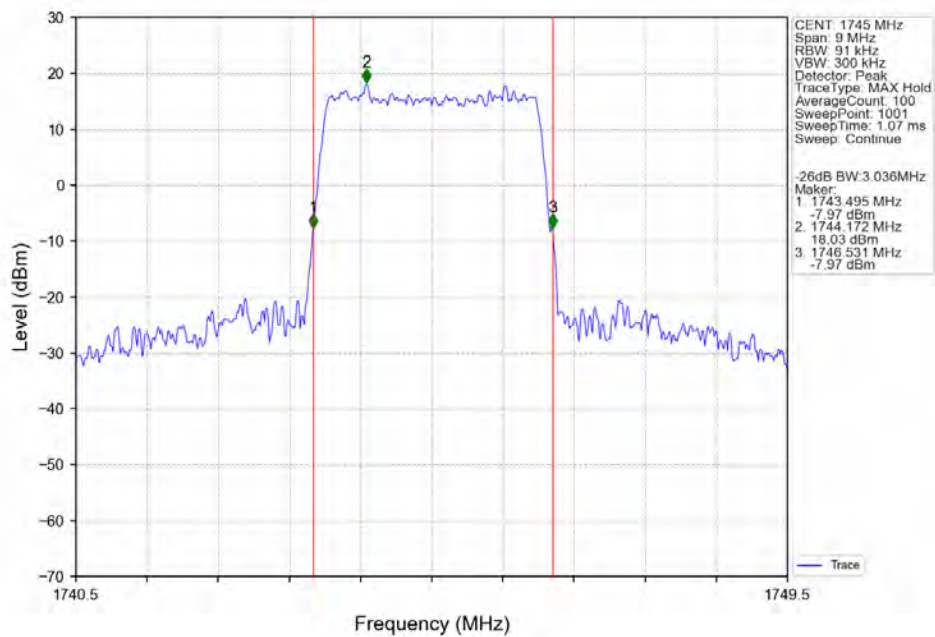
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



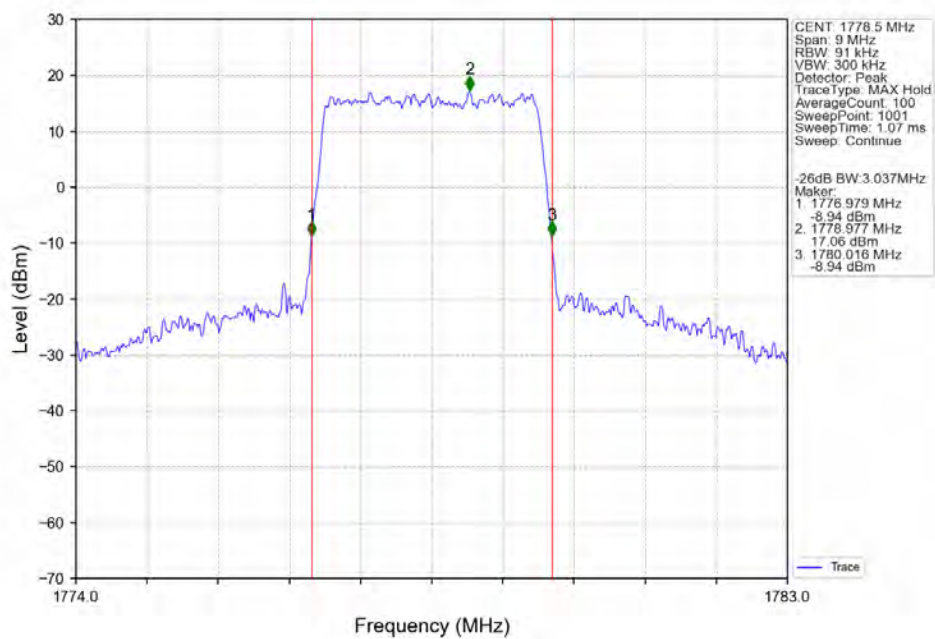
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



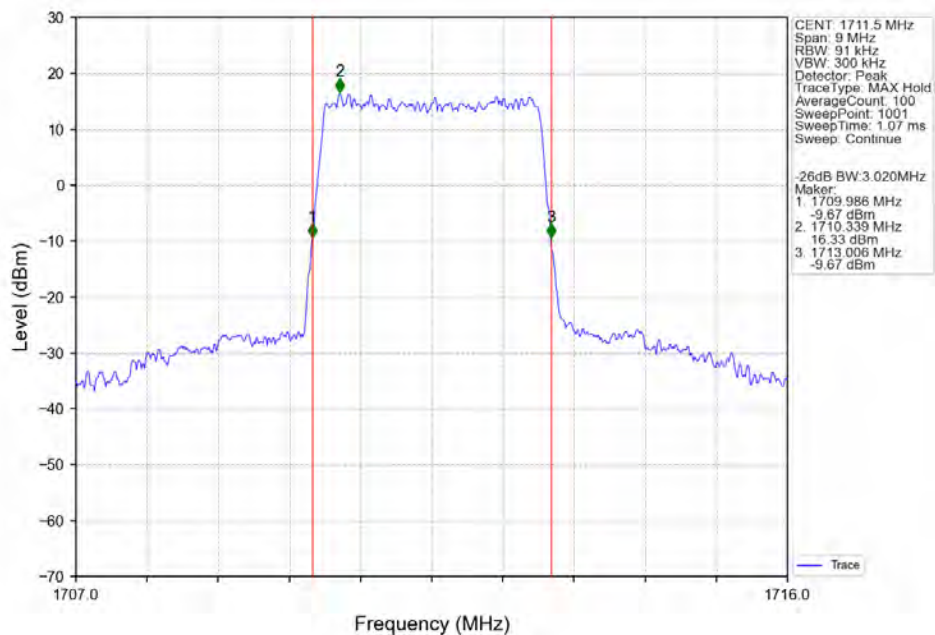
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



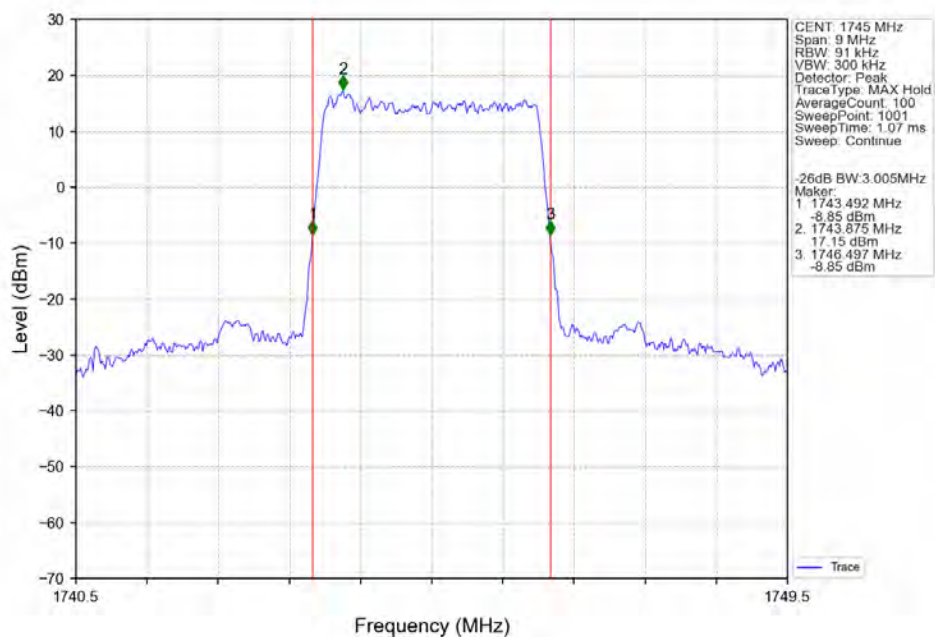
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



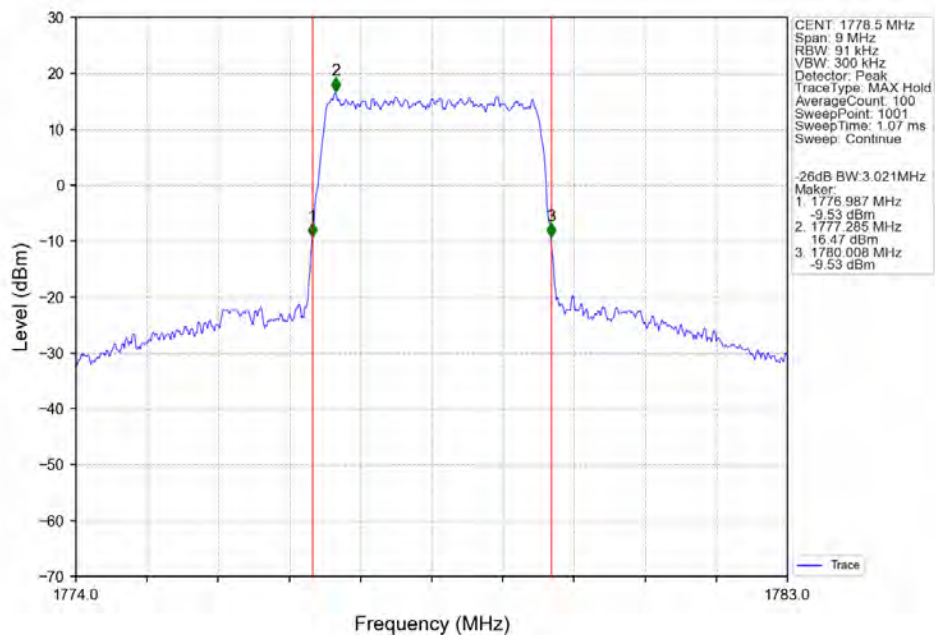
Band66_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



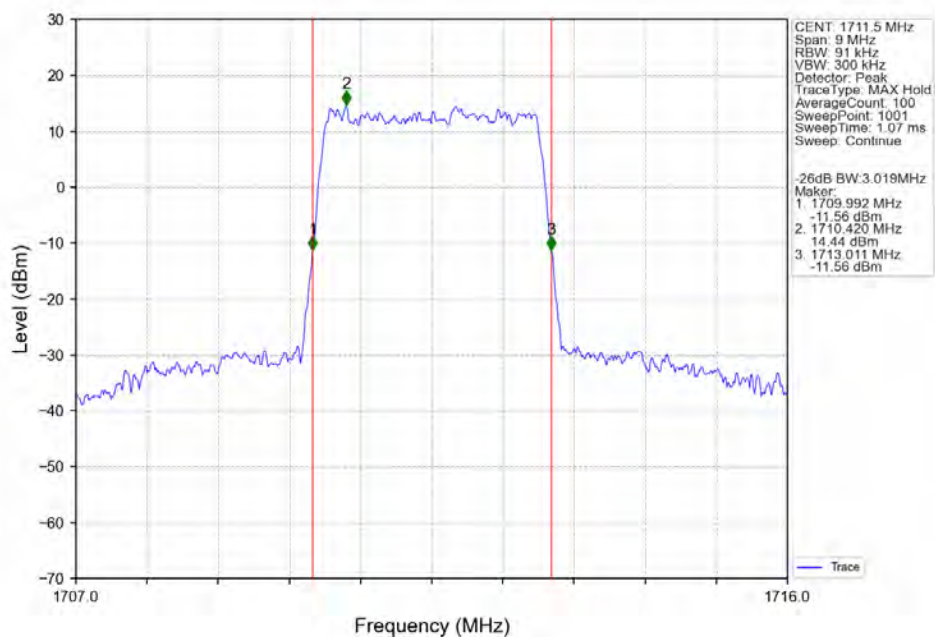
Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



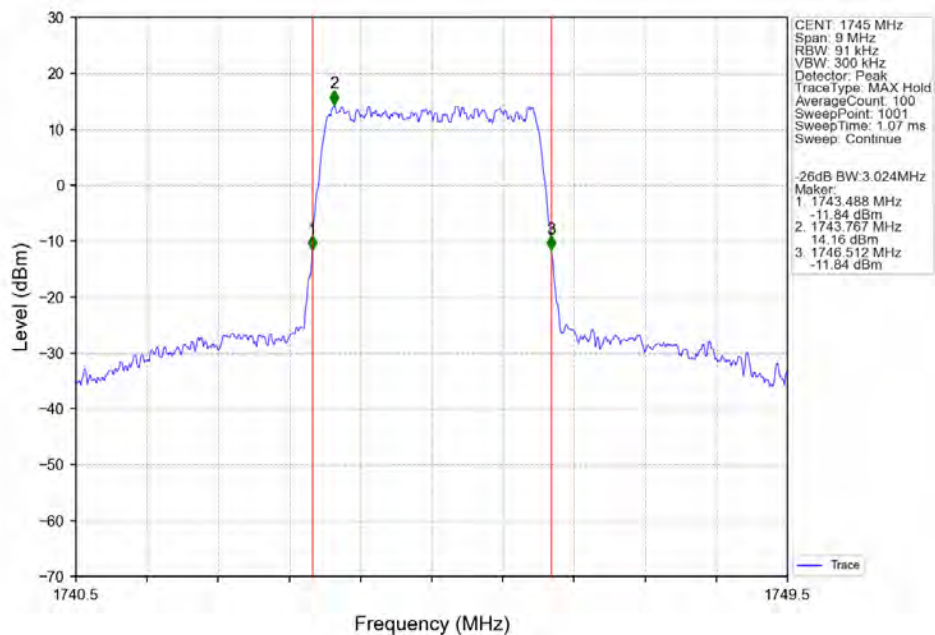
Band66_3MHz_64QAM_HCH_1778.5MHz_RB_15_0_NTNV



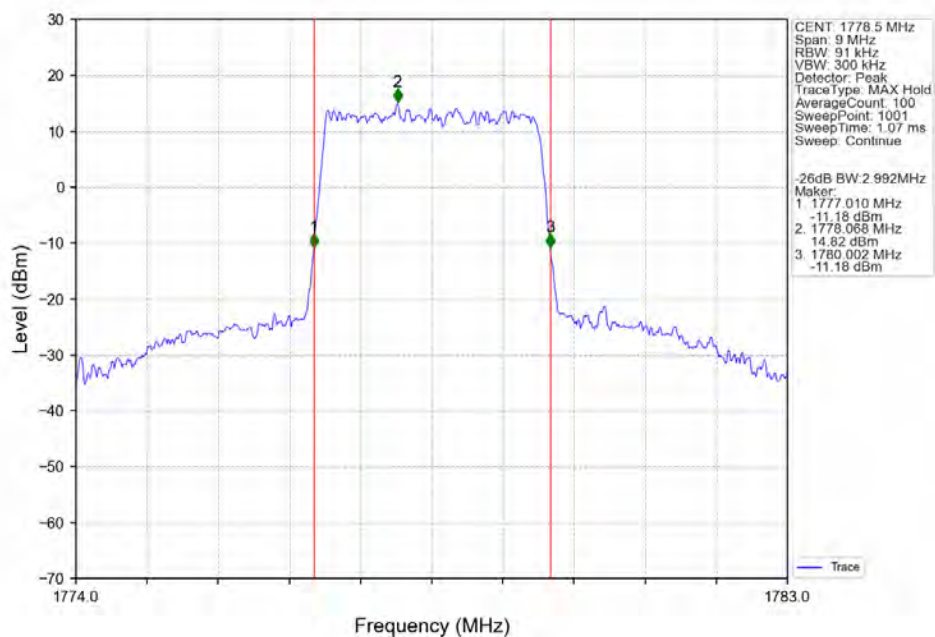
Band66_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



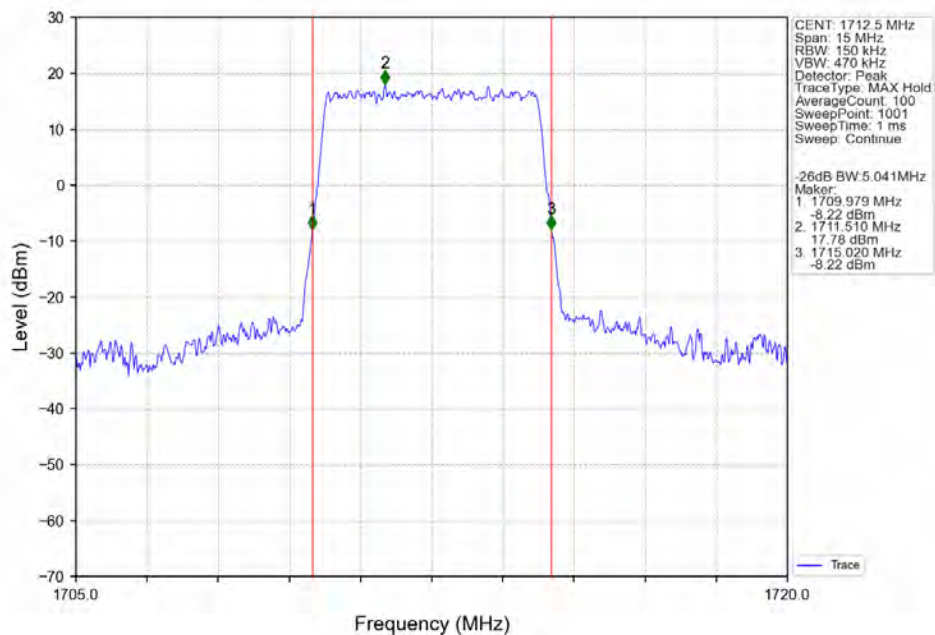
Band66_3MHz_256QAM_MCH_1745MHz_RB_15_0_NTNV



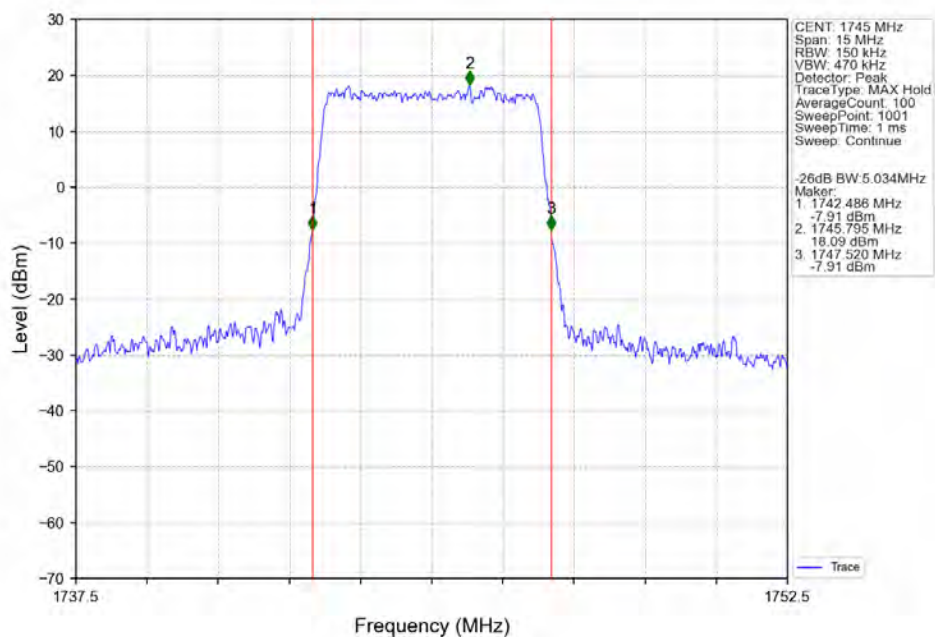
Band66_3MHz_256QAM_HCH_1778.5MHz_RB_15_0_NTNV



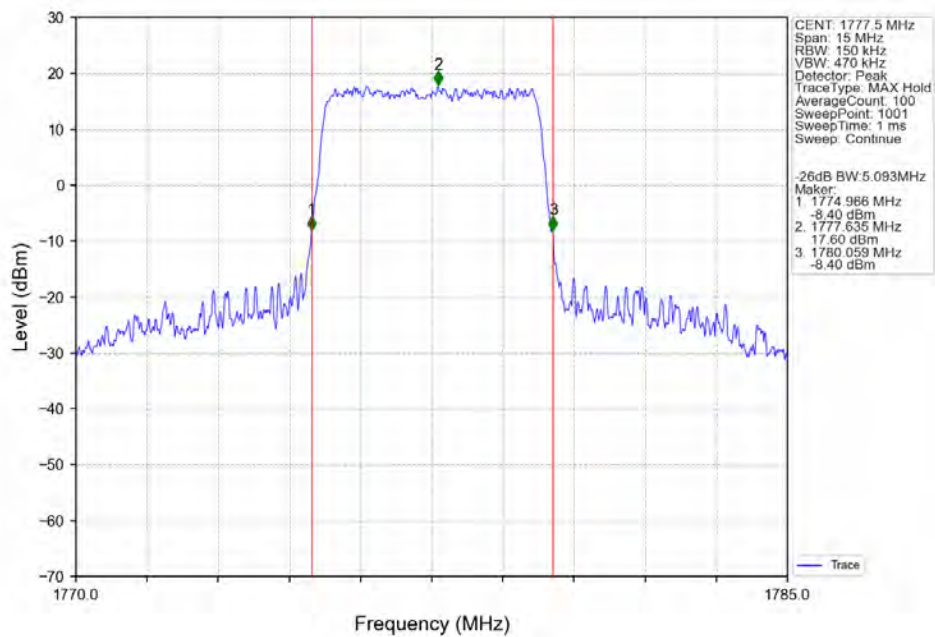
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



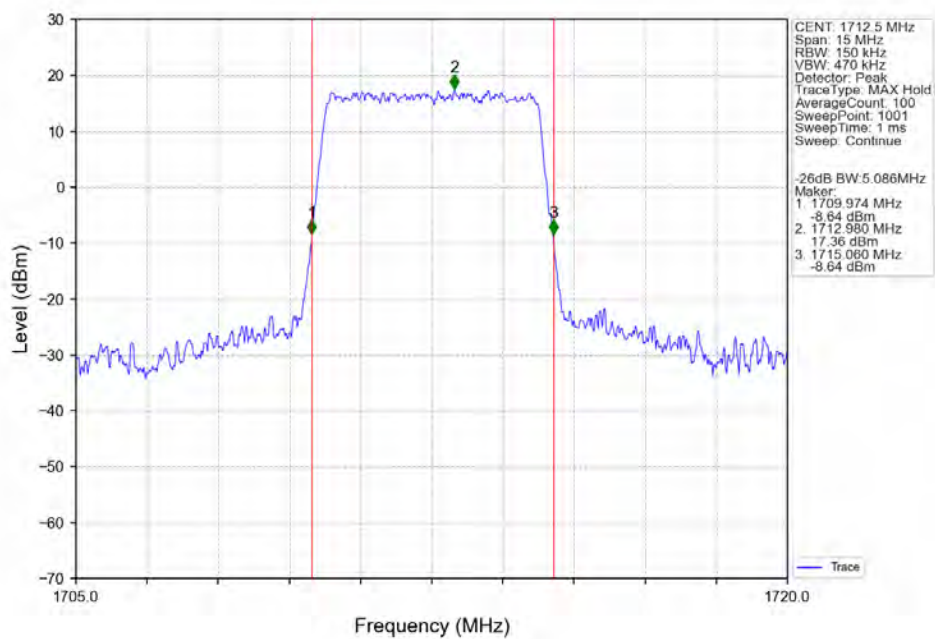
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



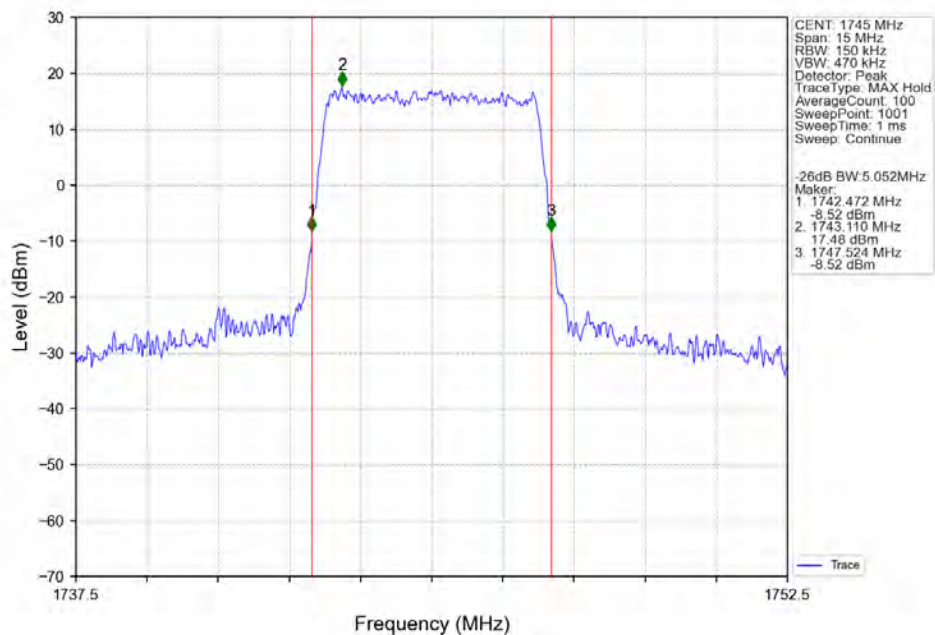
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



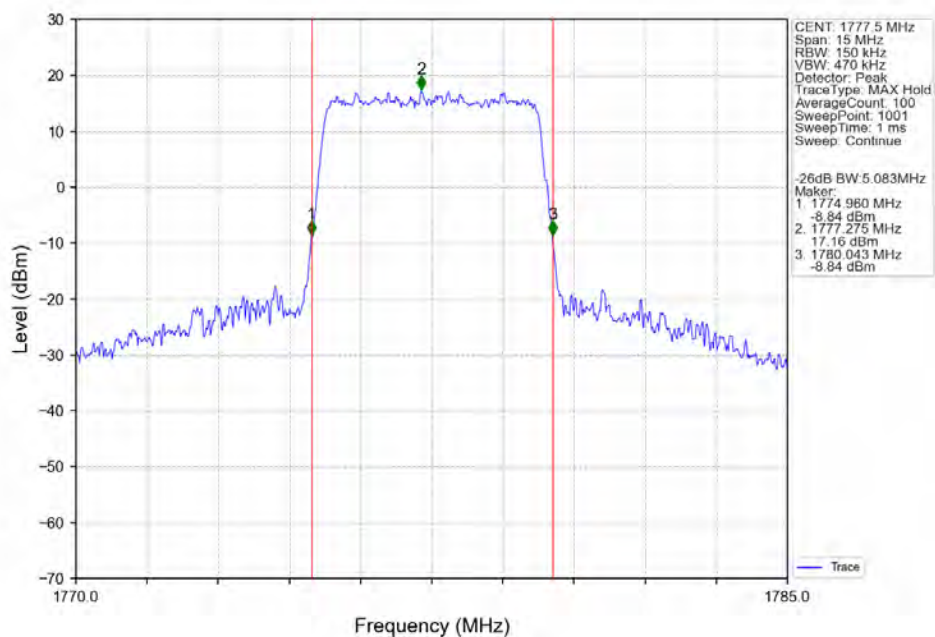
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



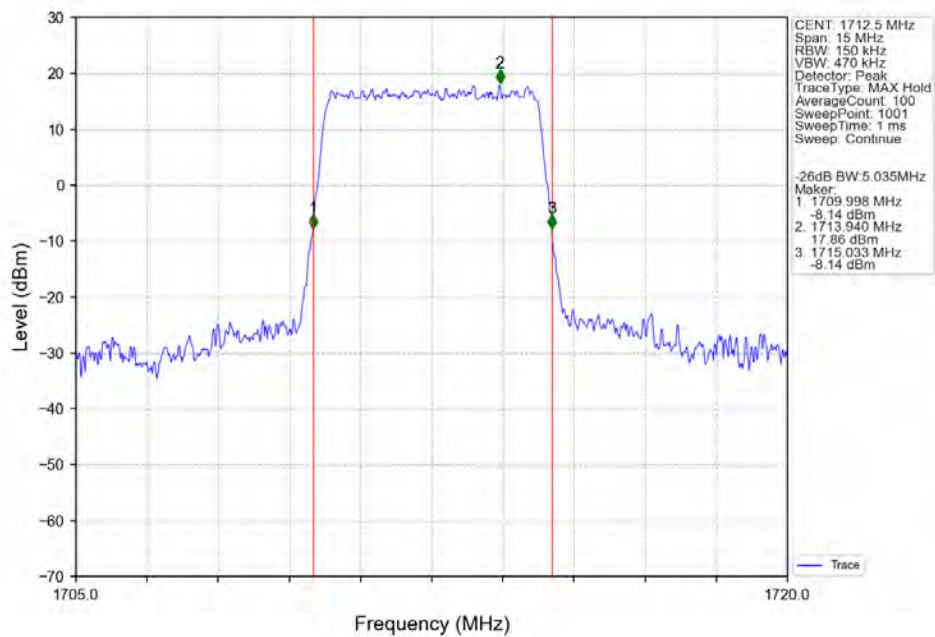
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



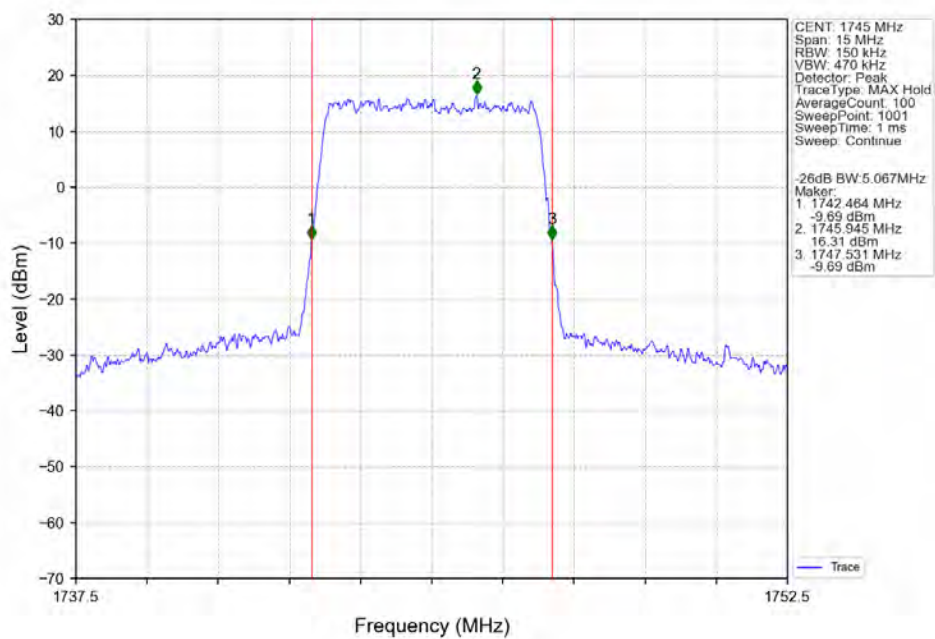
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



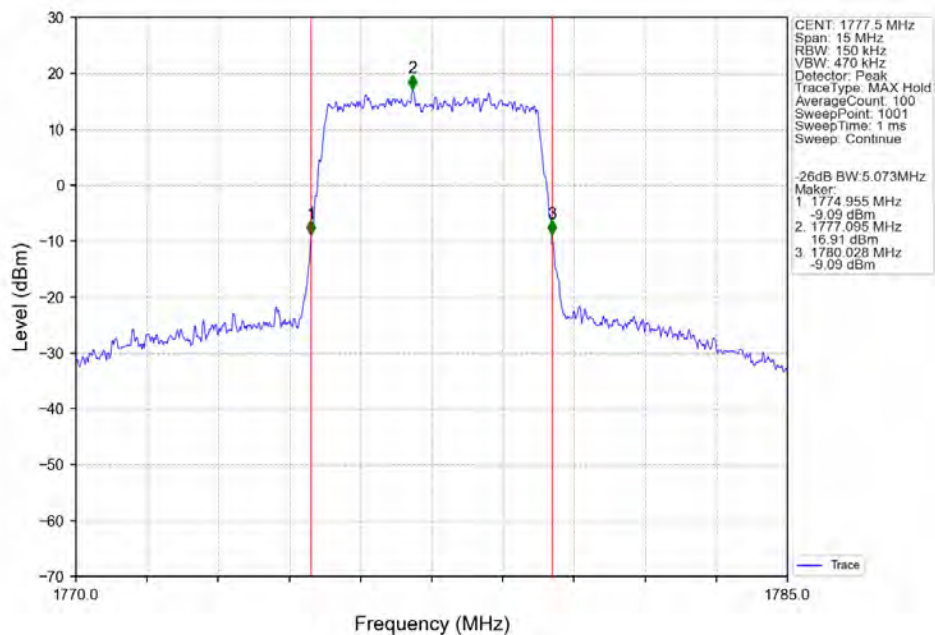
Band66 5MHz 64QAM LCH 1712.5MHz RB 25 0 NTNV



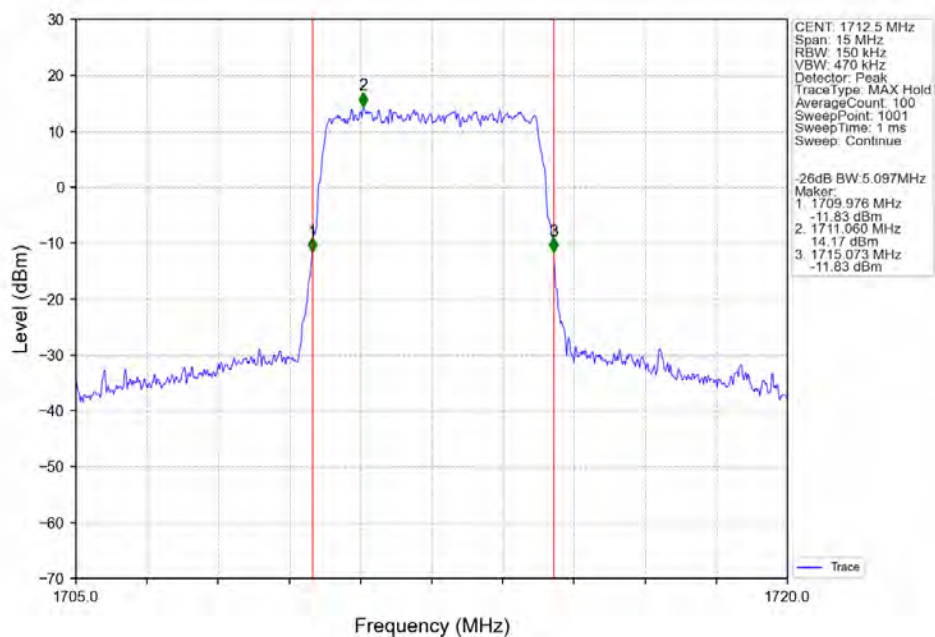
Band66 5MHz 64QAM MCH 1745MHz RB 25 0 NTNV



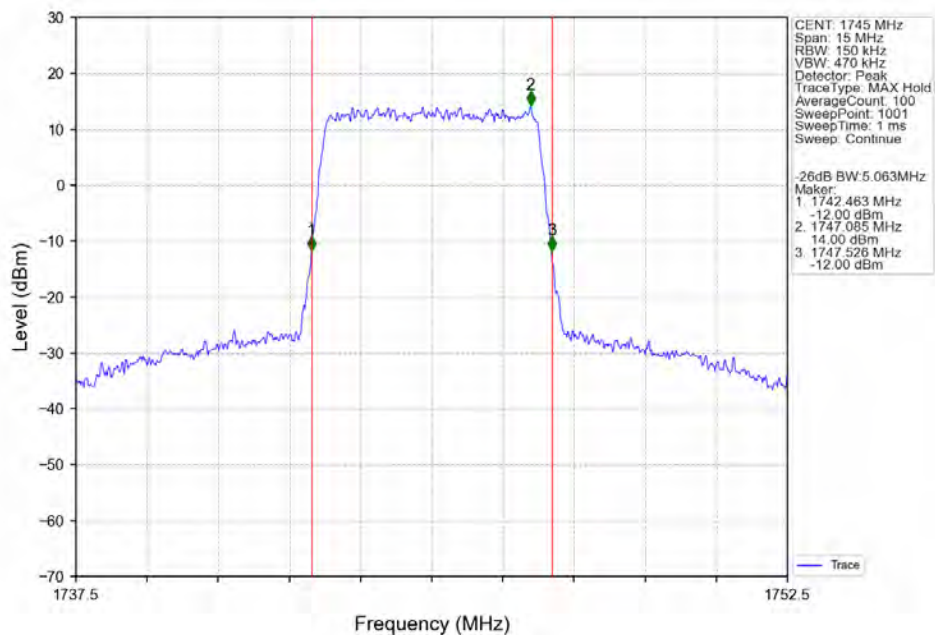
Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



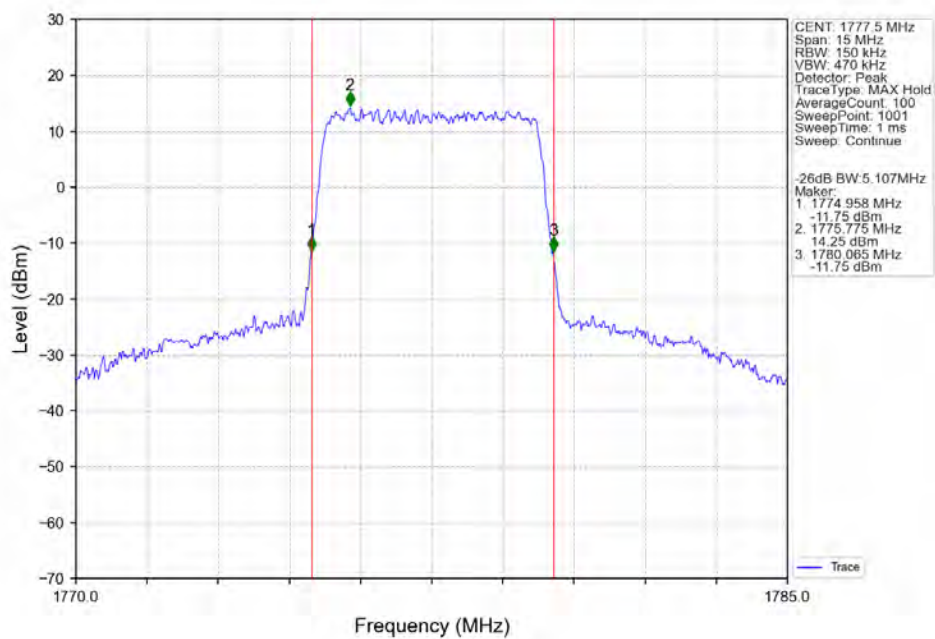
Band66_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV



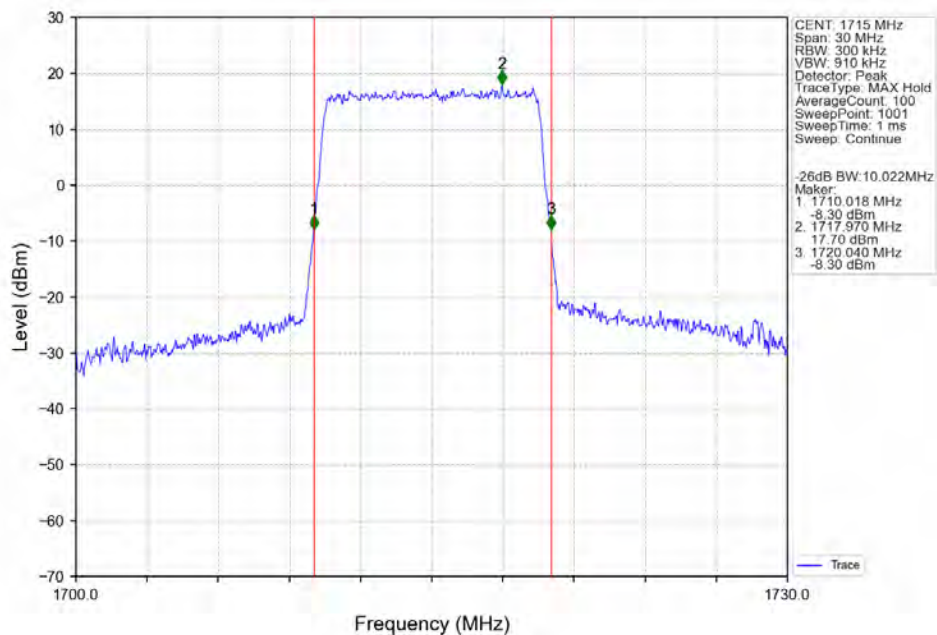
Band66_5MHz_256QAM_MCH_1745MHz_RB_25_0_NTNV



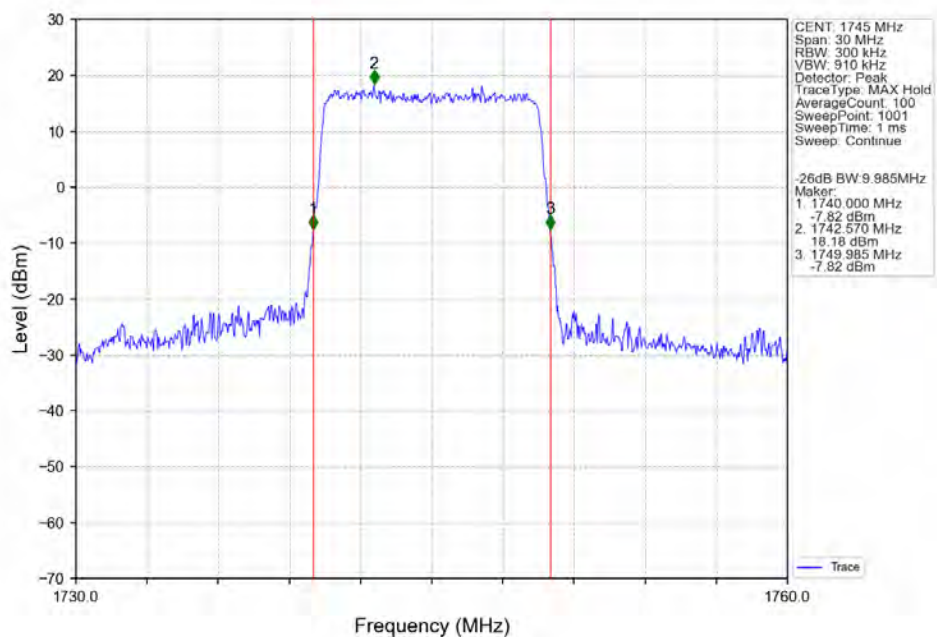
Band66_5MHz_256QAM_HCH_1777.5MHz_RB_25_0_NTNV



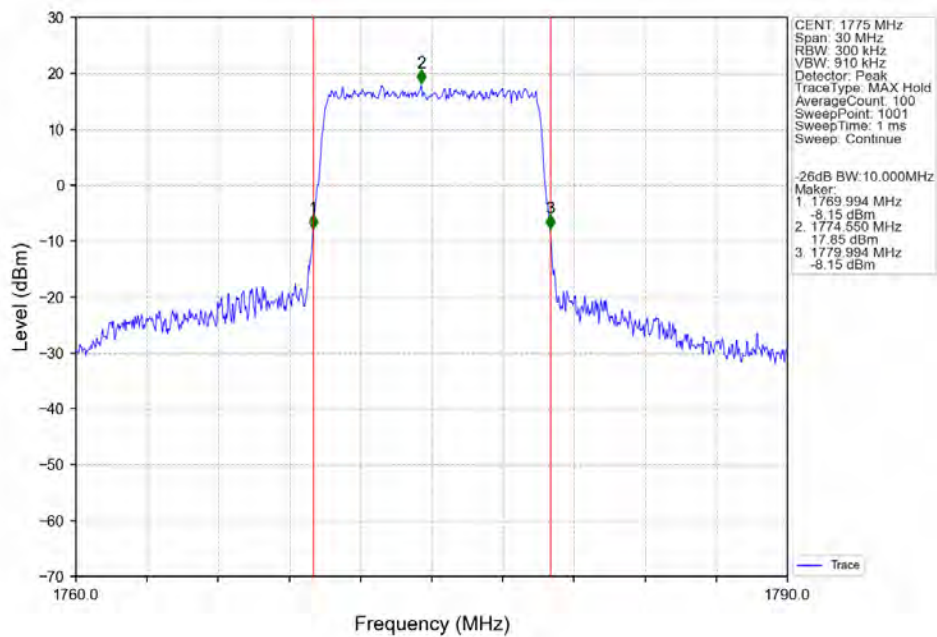
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



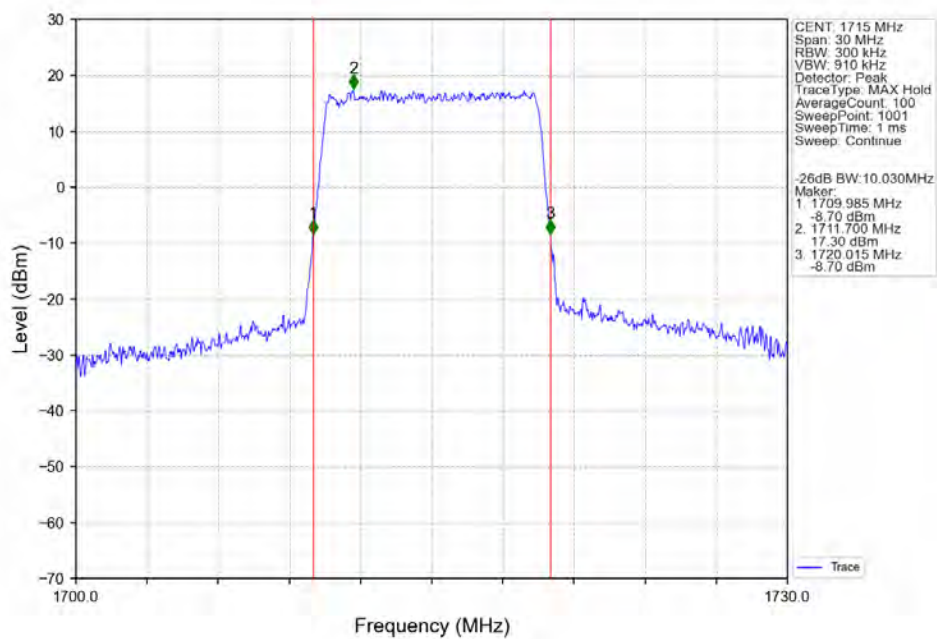
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



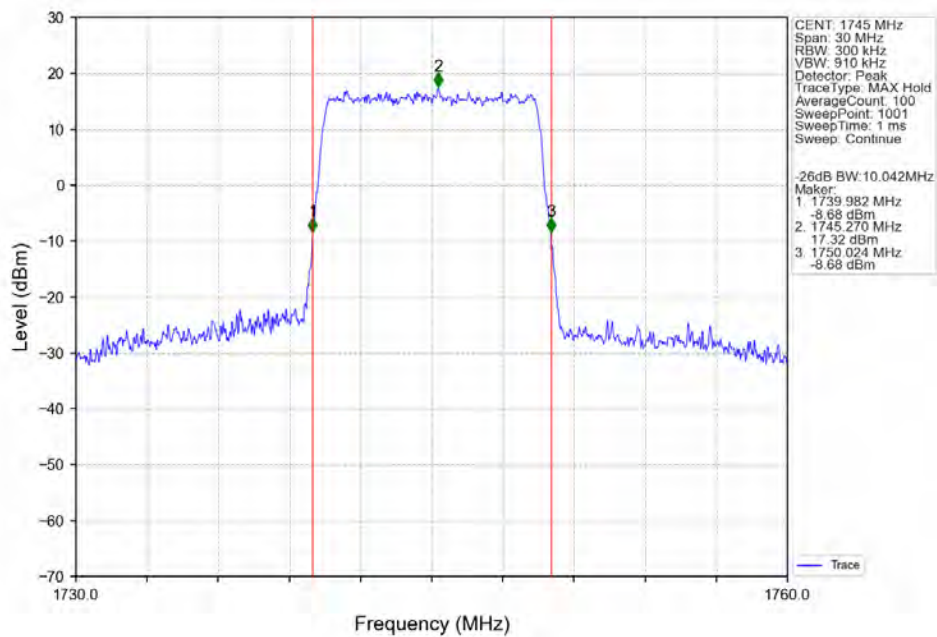
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



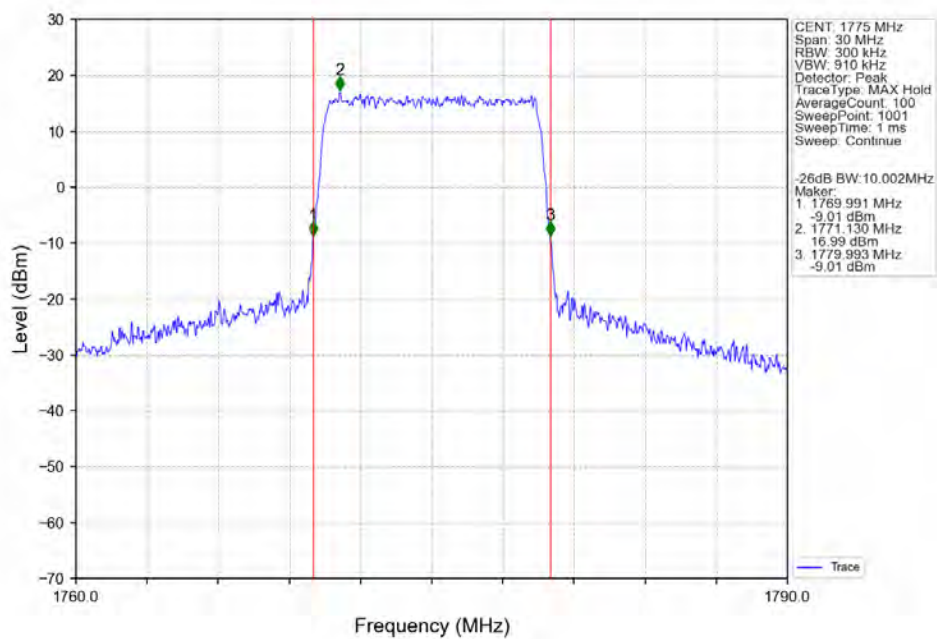
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



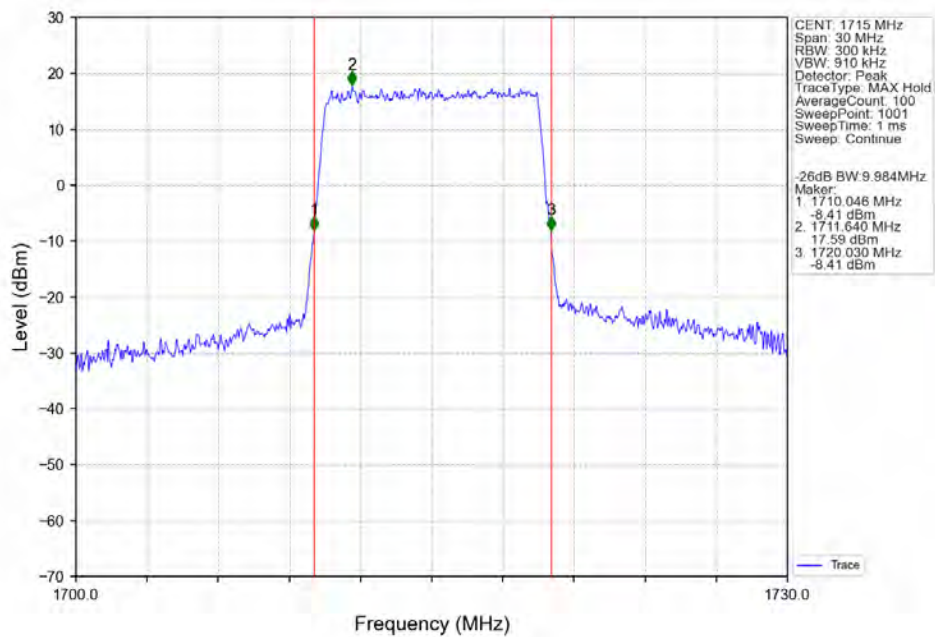
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



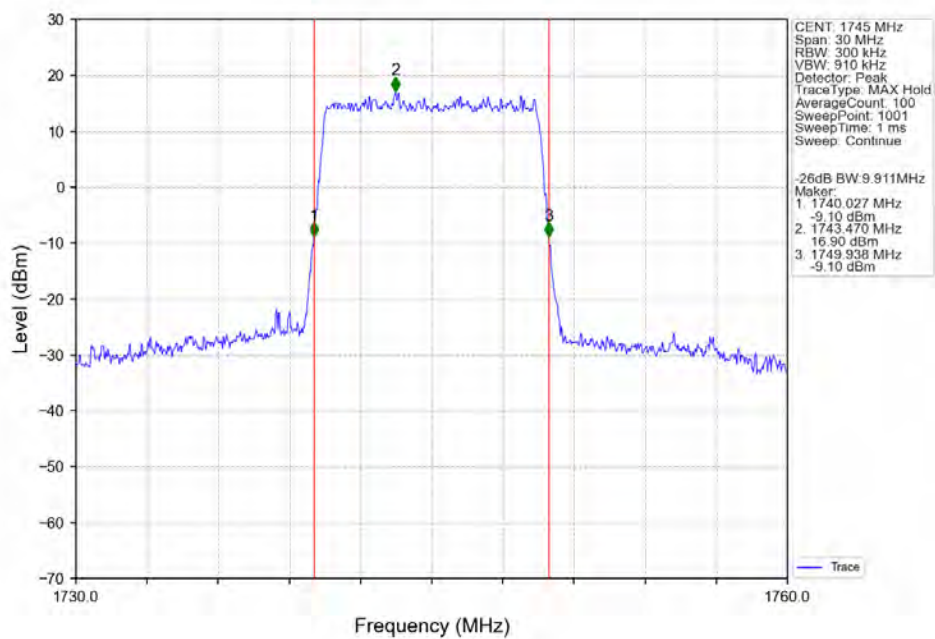
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



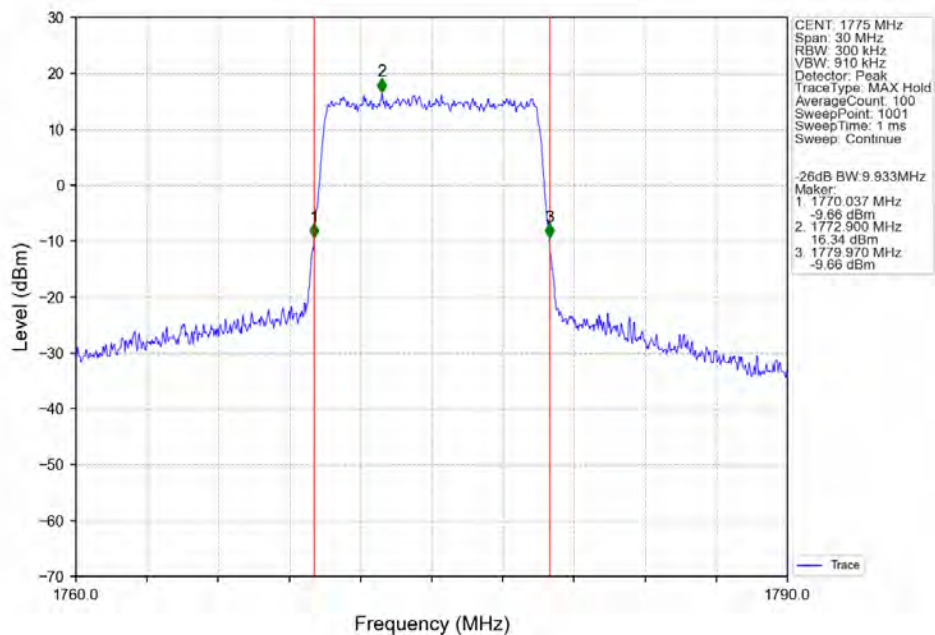
Band66_10MHz_64QAM_LCH_1715MHz_RB_50_0_NTNV



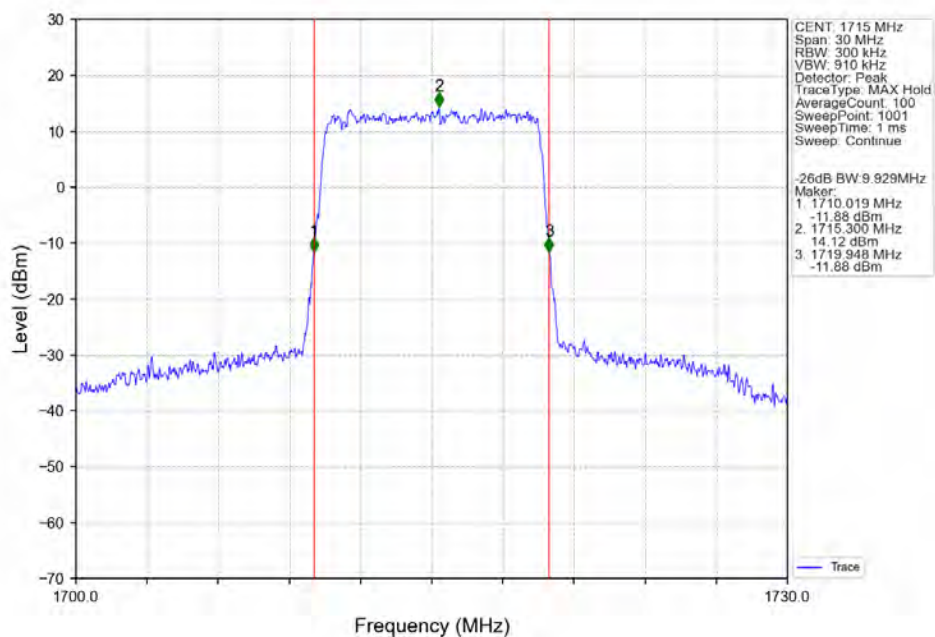
Band66_10MHz_64QAM_MCH_1745MHz_RB_50_0_NTNV



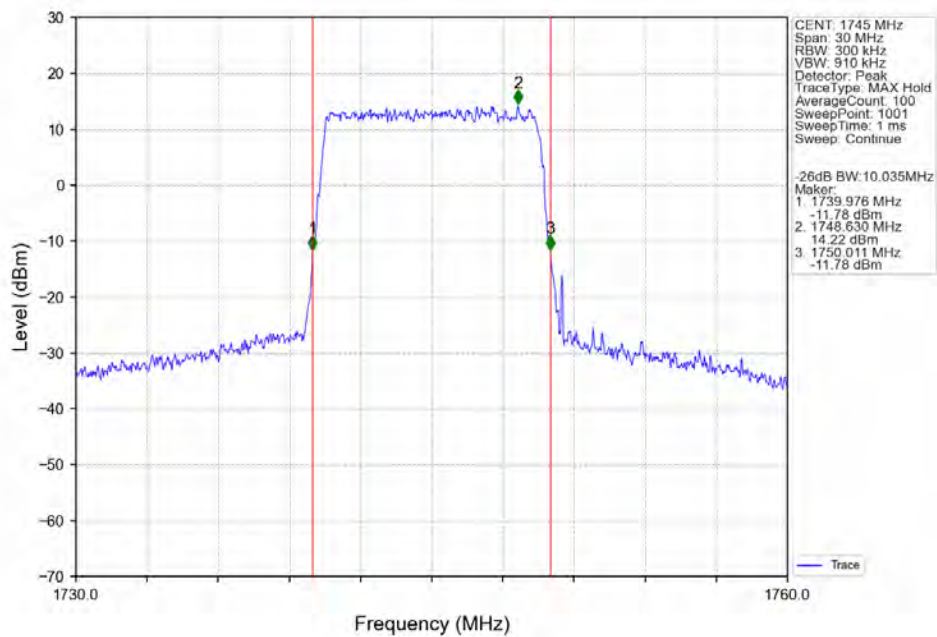
Band66_10MHz_64QAM_HCH_1775MHz_RB_50_0_NTNV



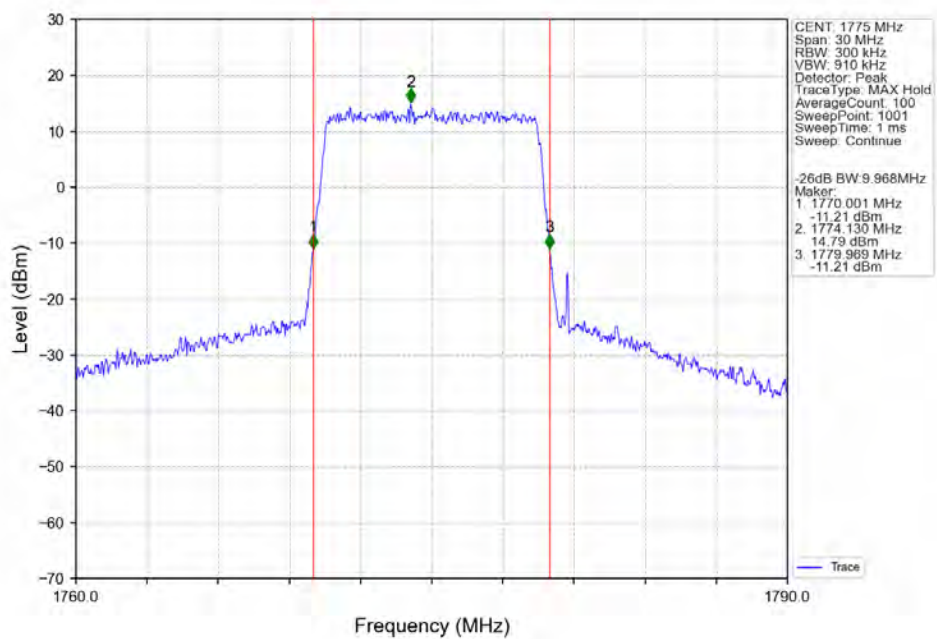
Band66_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



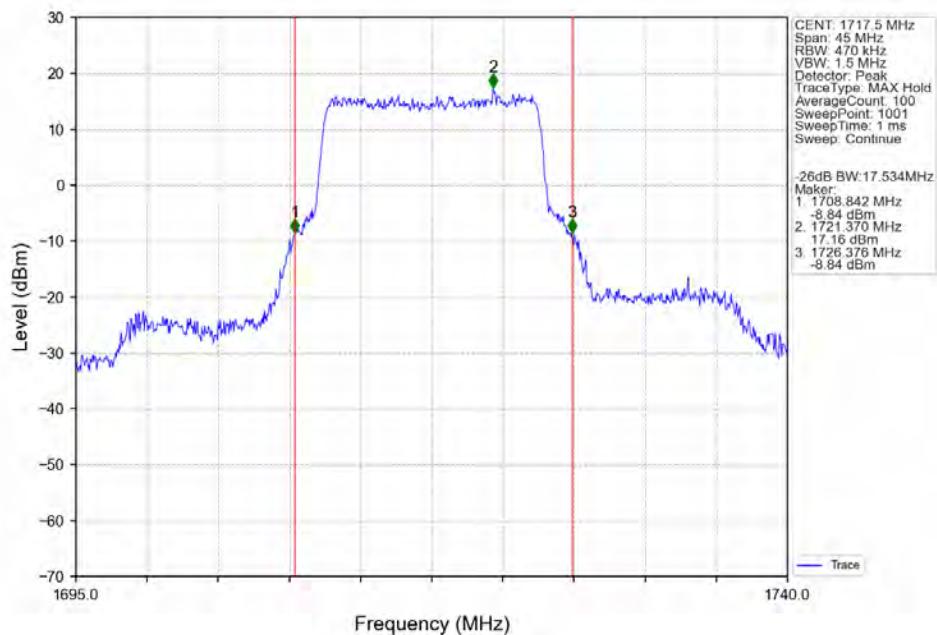
Band66_10MHz_256QAM_MCH_1745MHz_RB_50_0_NTNV



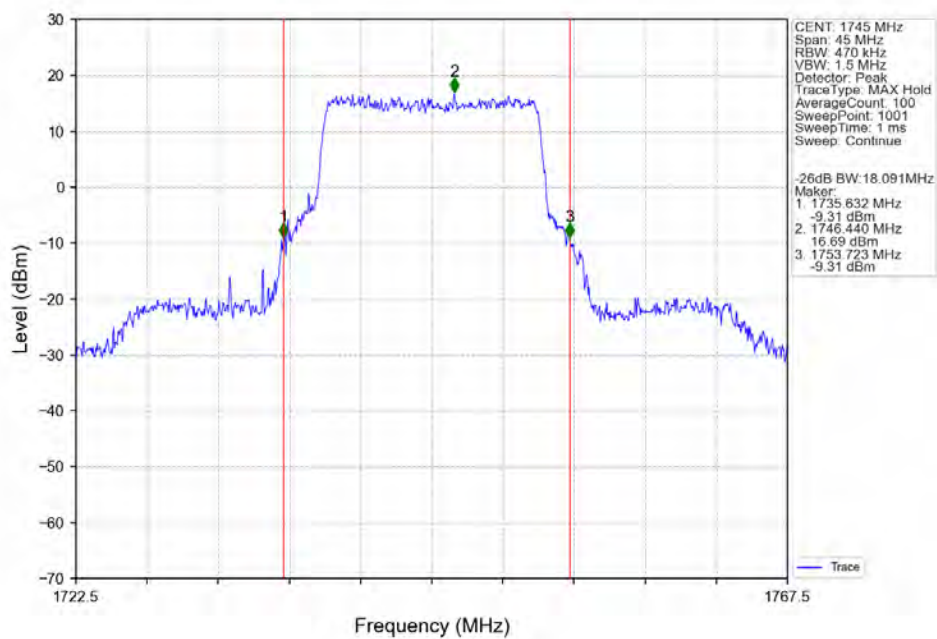
Band66_10MHz_256QAM_HCH_1775MHz_RB_50_0_NTNV



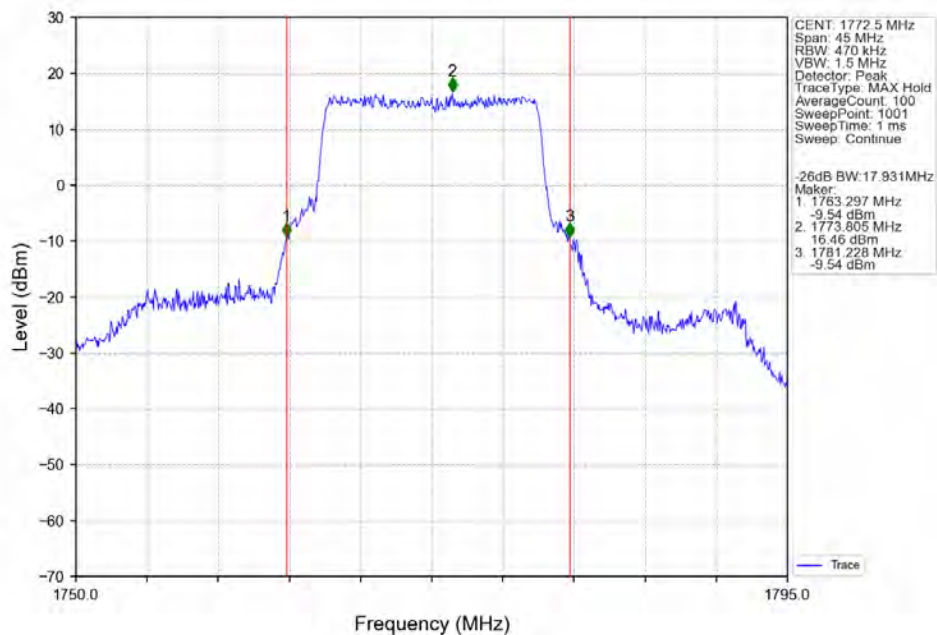
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



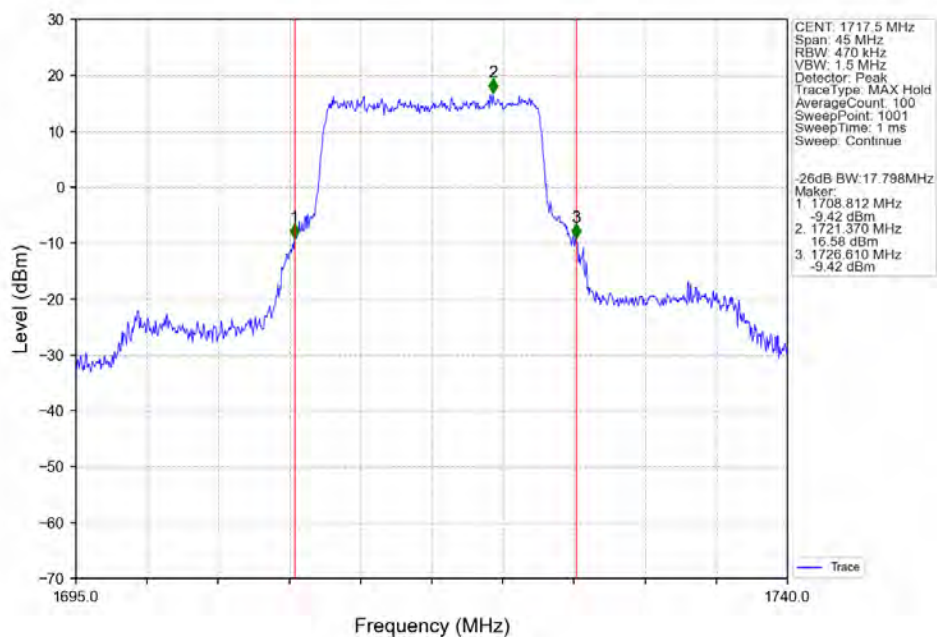
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



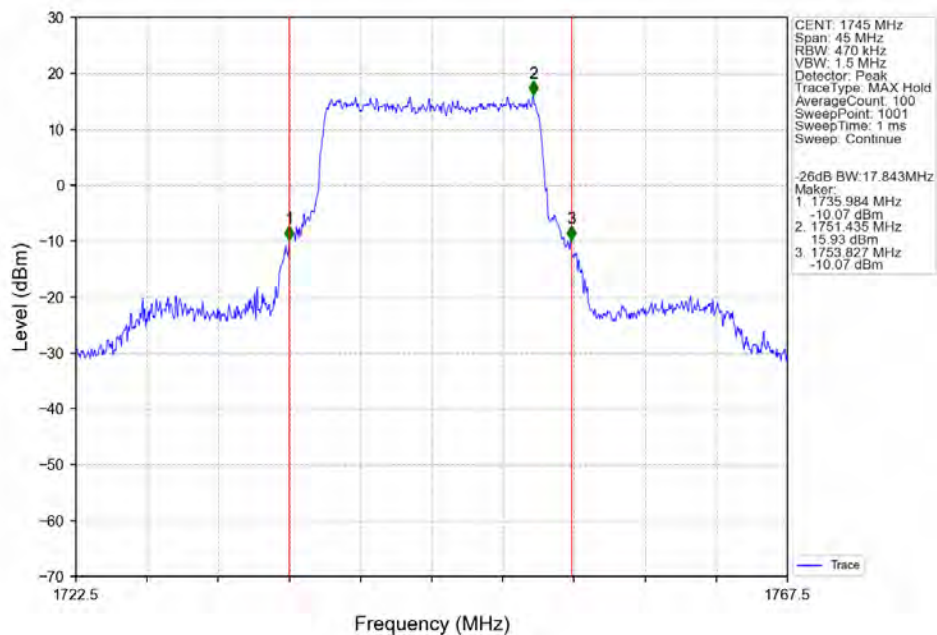
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



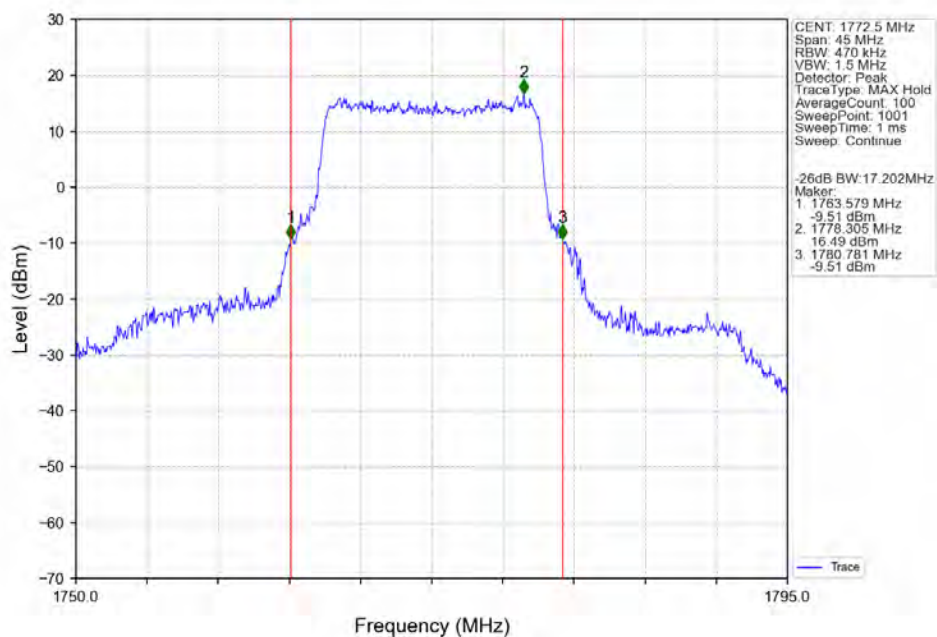
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



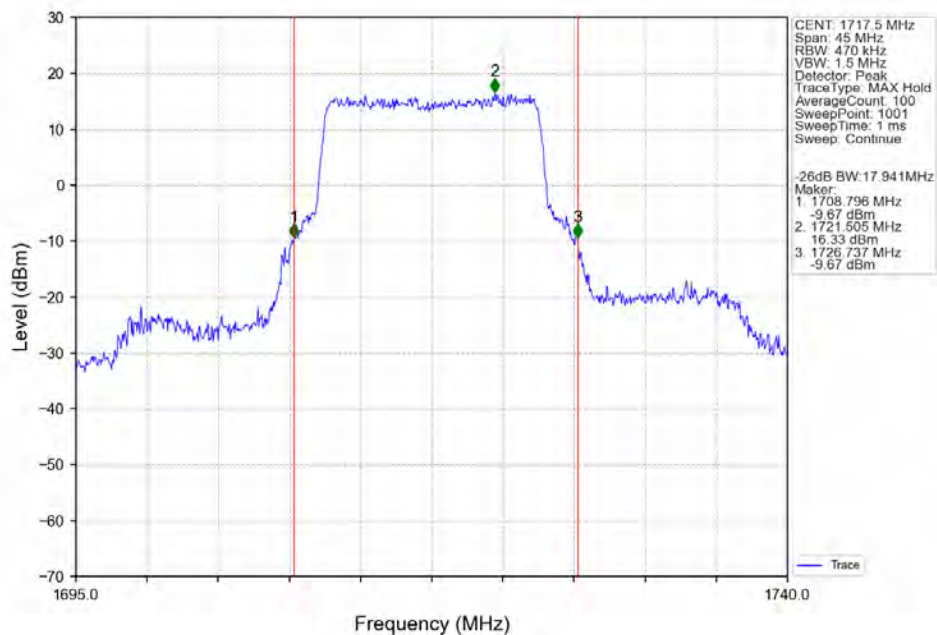
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



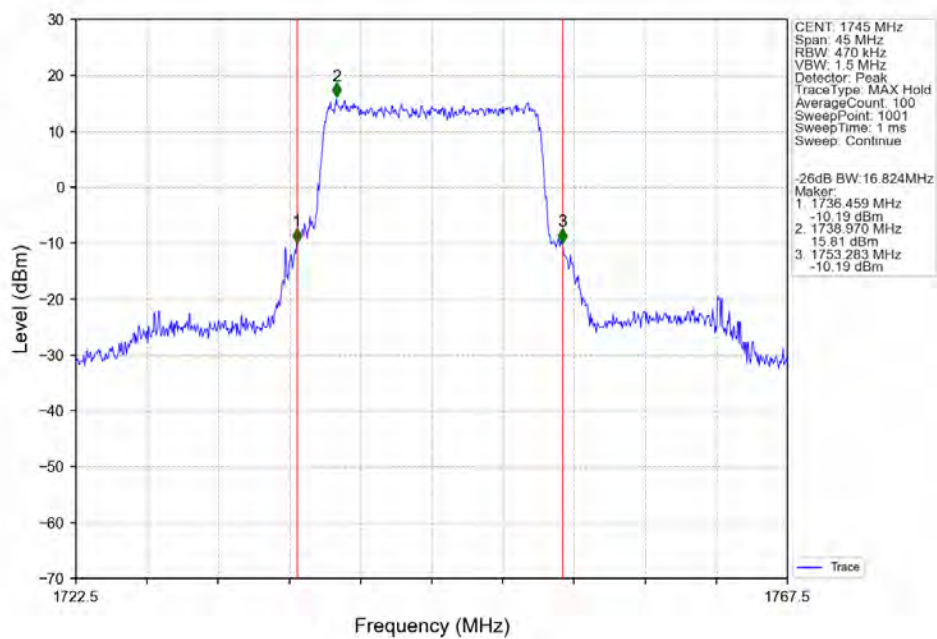
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



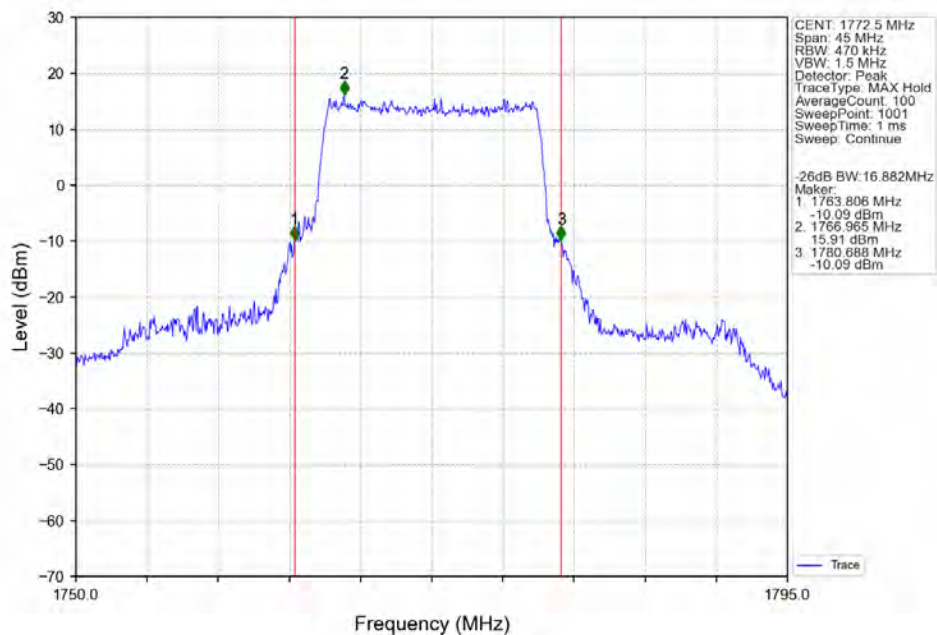
Band66_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



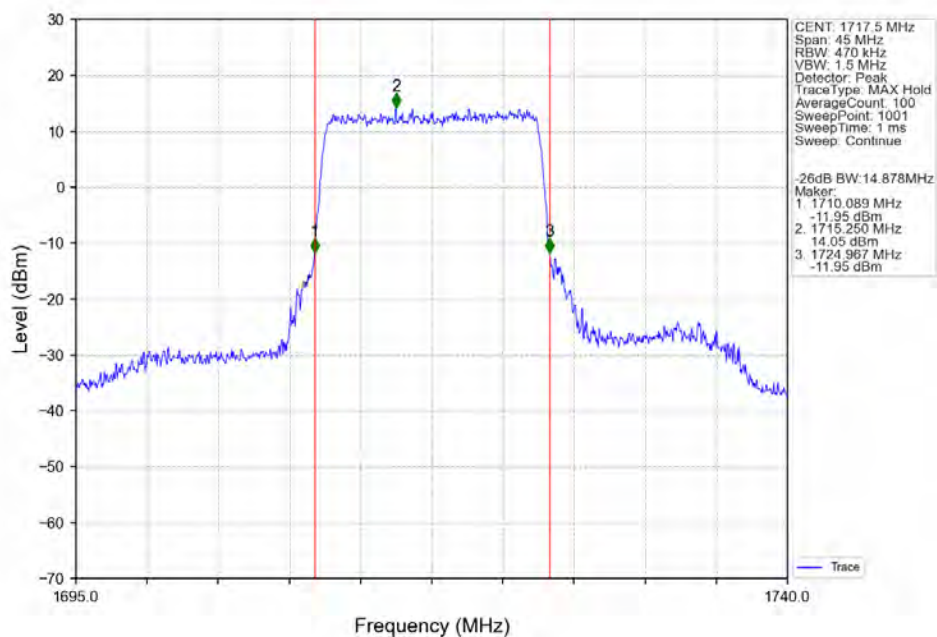
Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



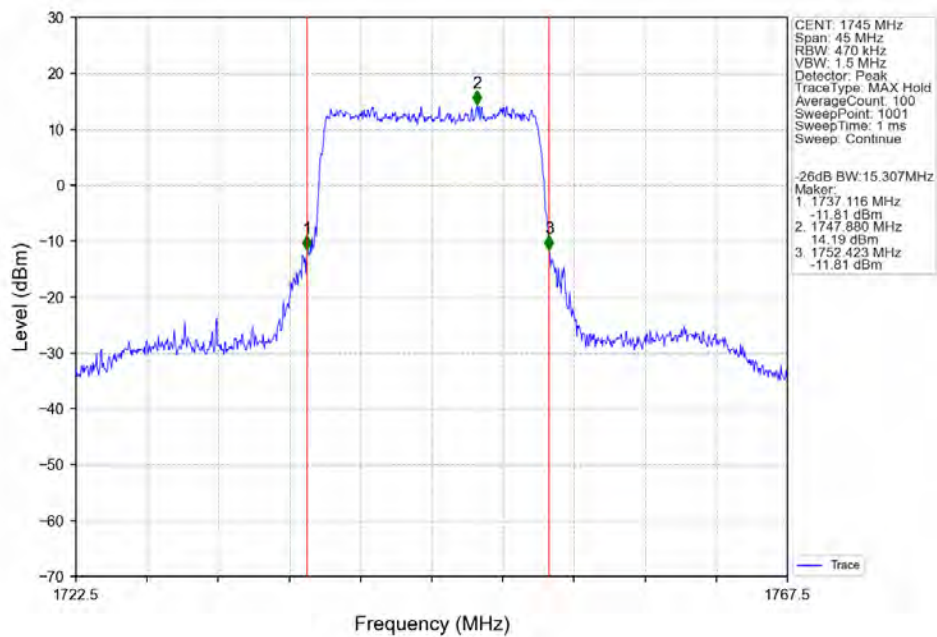
Band66_15MHz_64QAM_HCH_1772.5MHz_RB_75_0_NTNV



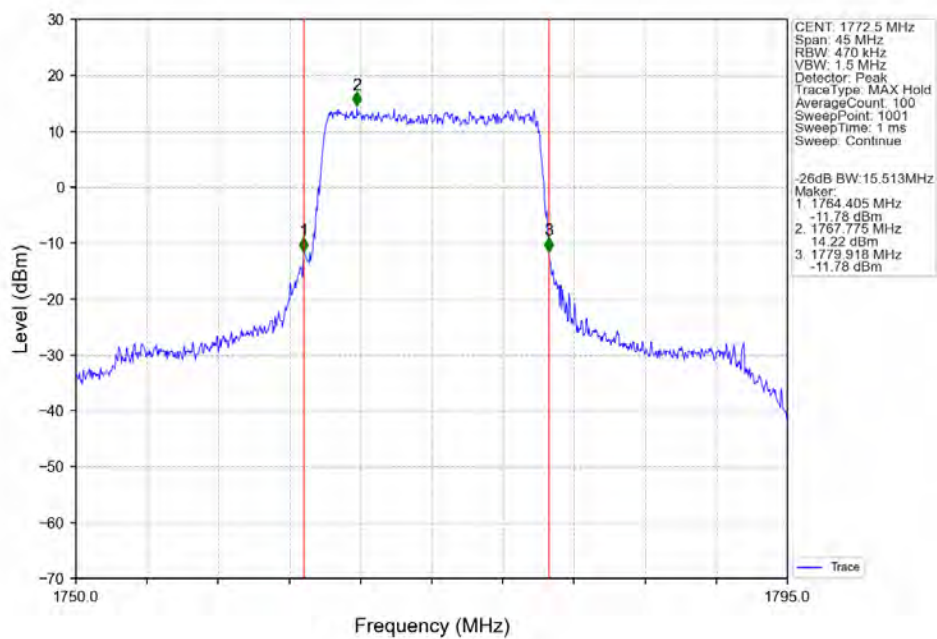
Band66_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV



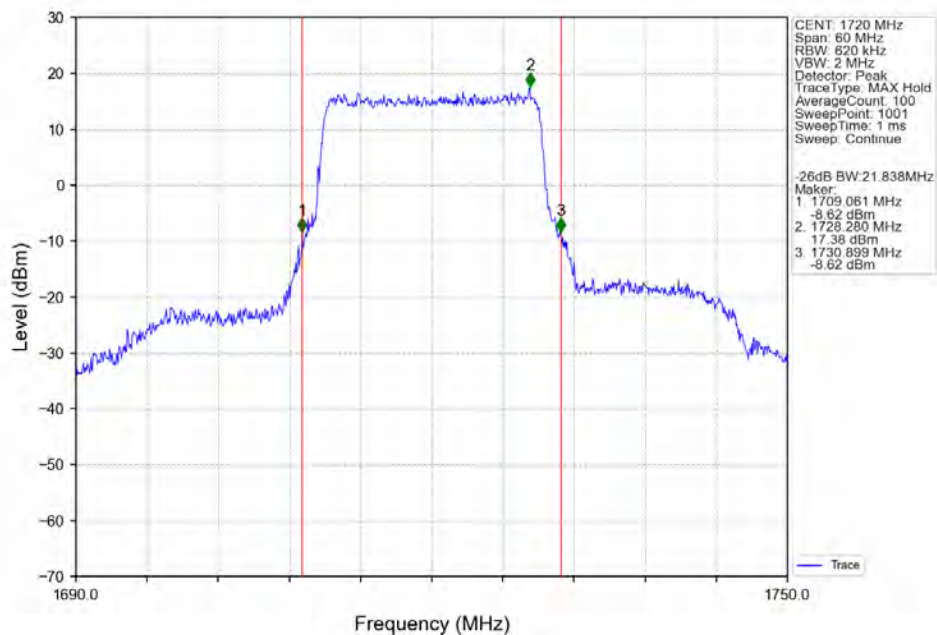
Band66_15MHz_256QAM_MCH_1745MHz_RB_75_0_NTNV



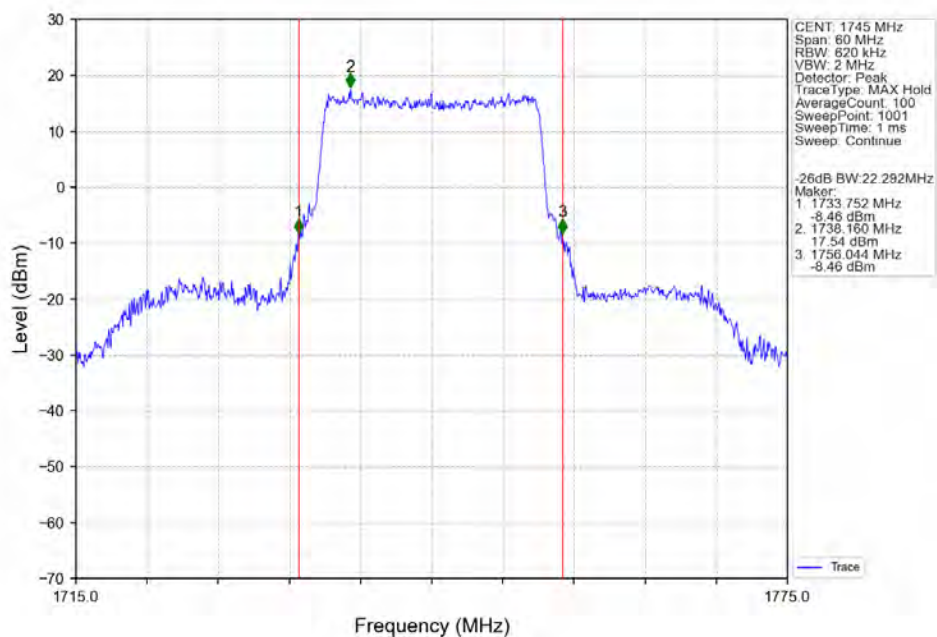
Band66_15MHz_256QAM_HCH_1772.5MHz_RB_75_0_NTNV



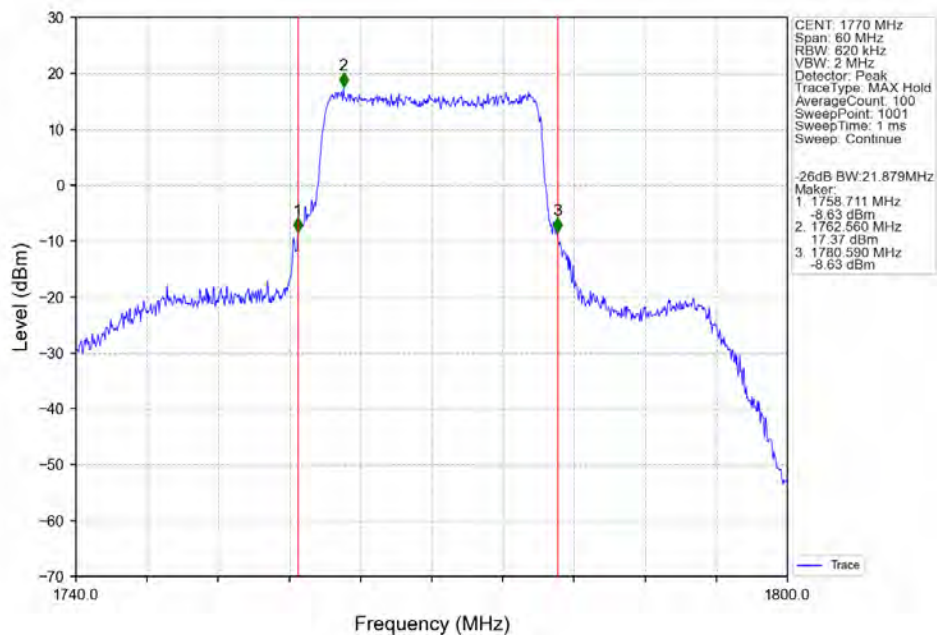
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



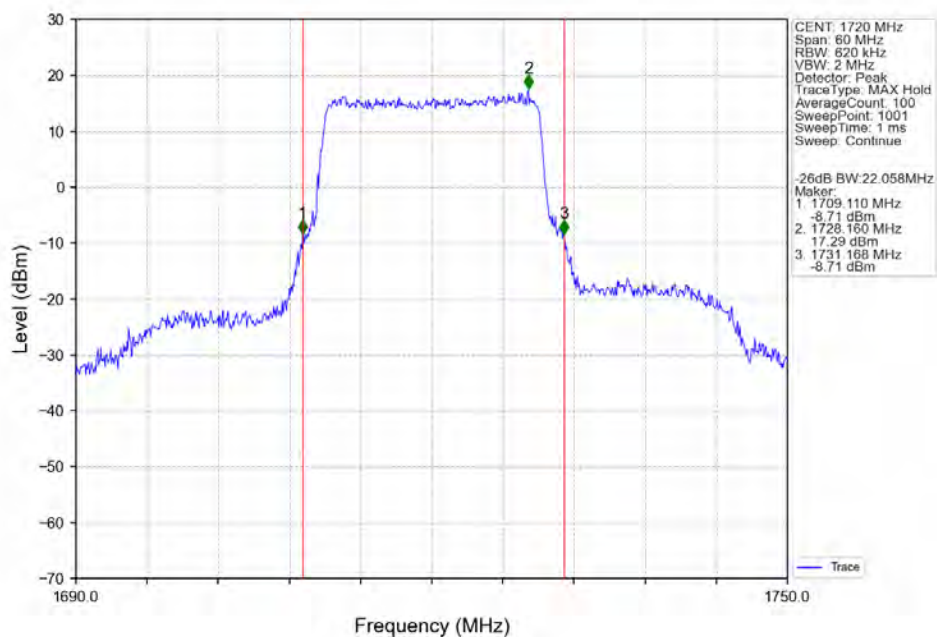
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



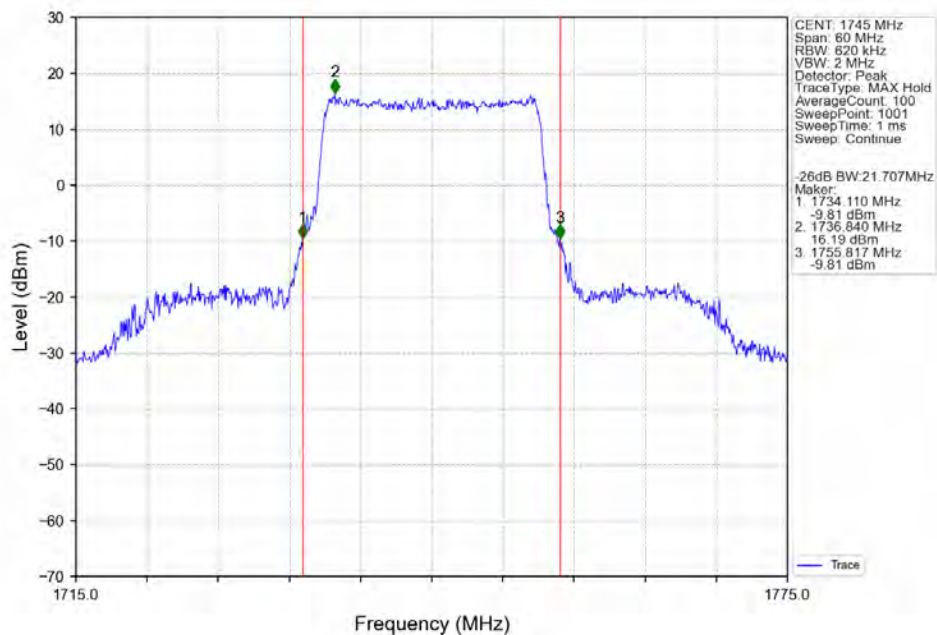
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



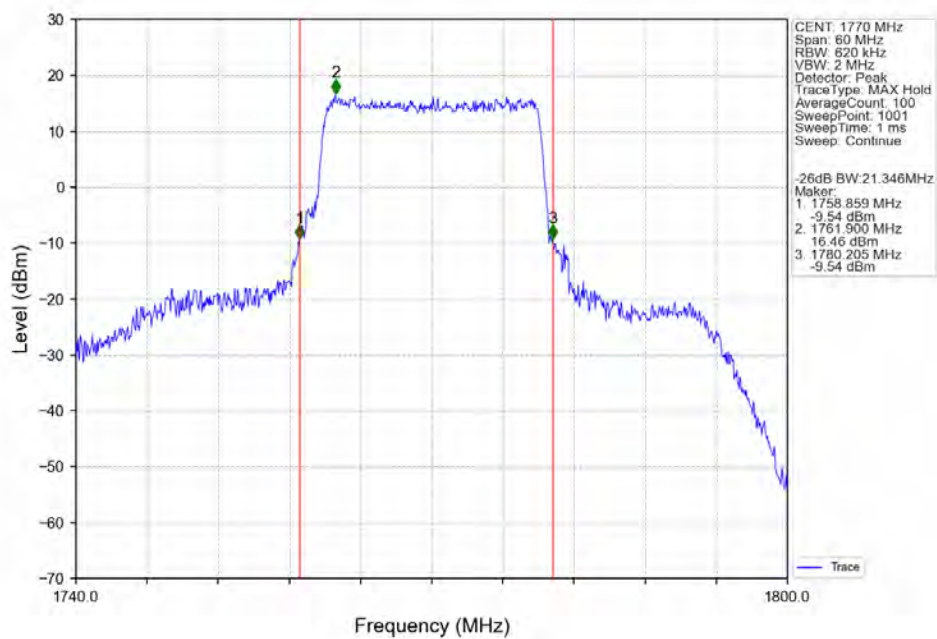
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV



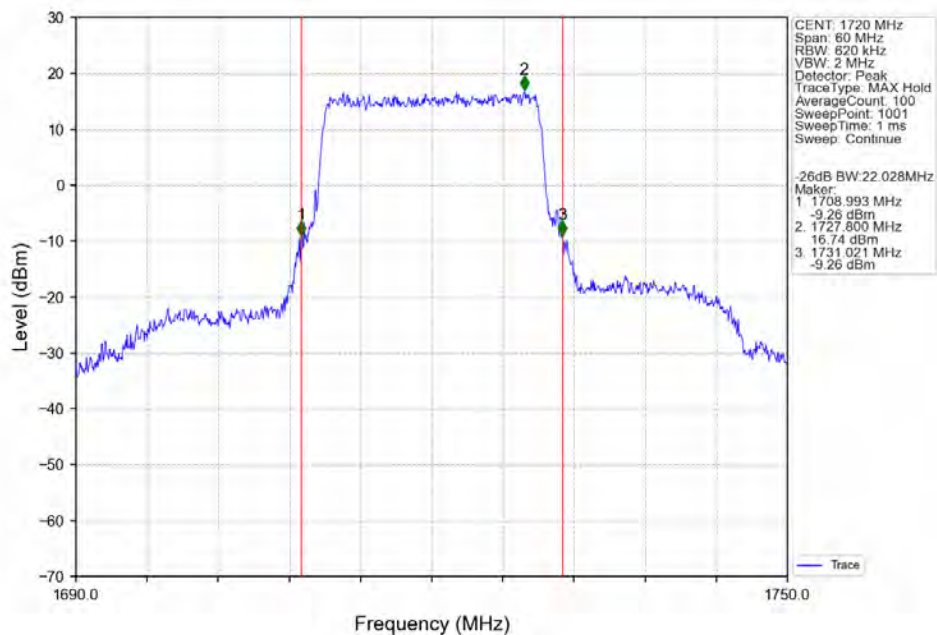
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



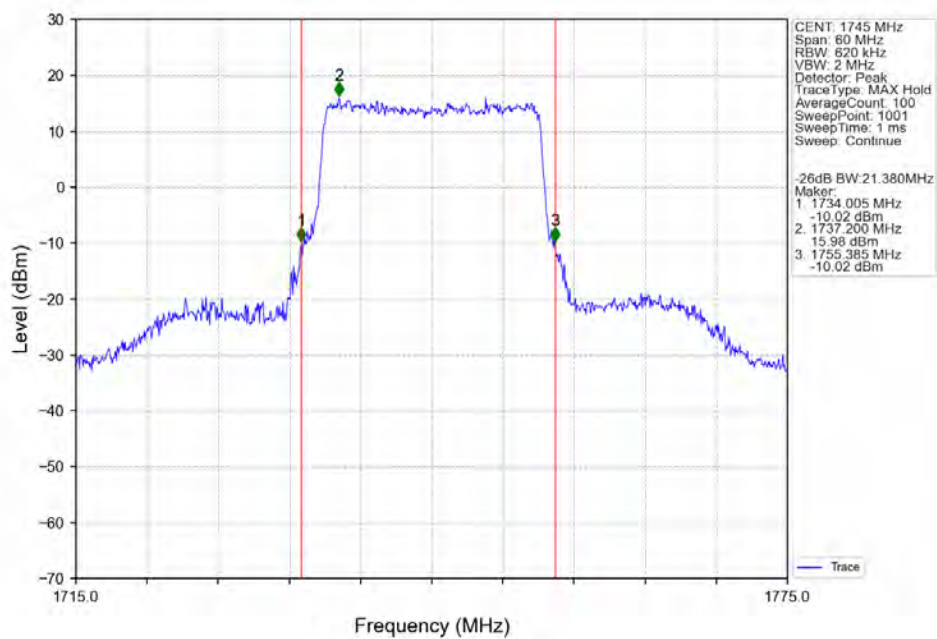
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



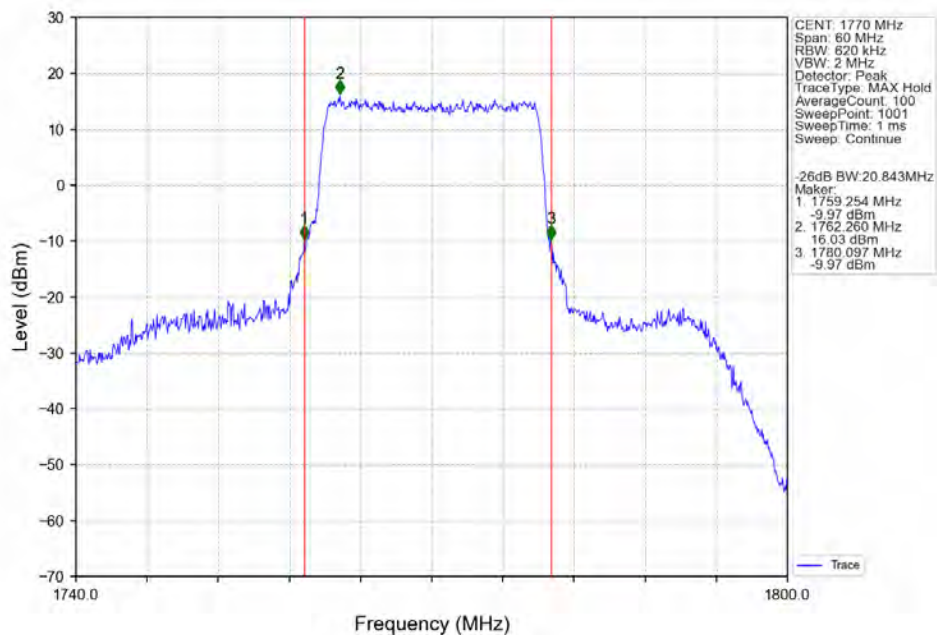
Band66_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



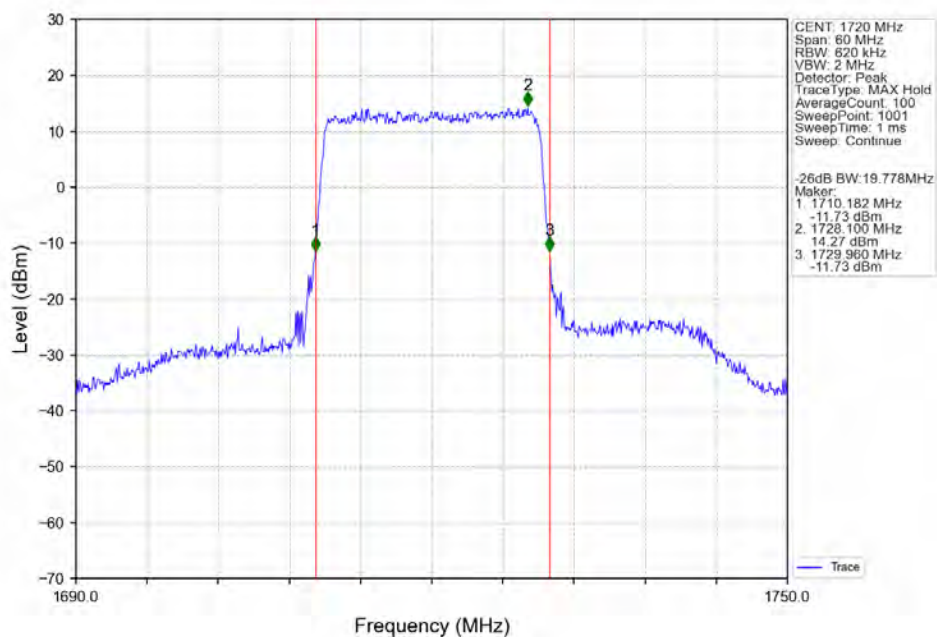
Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



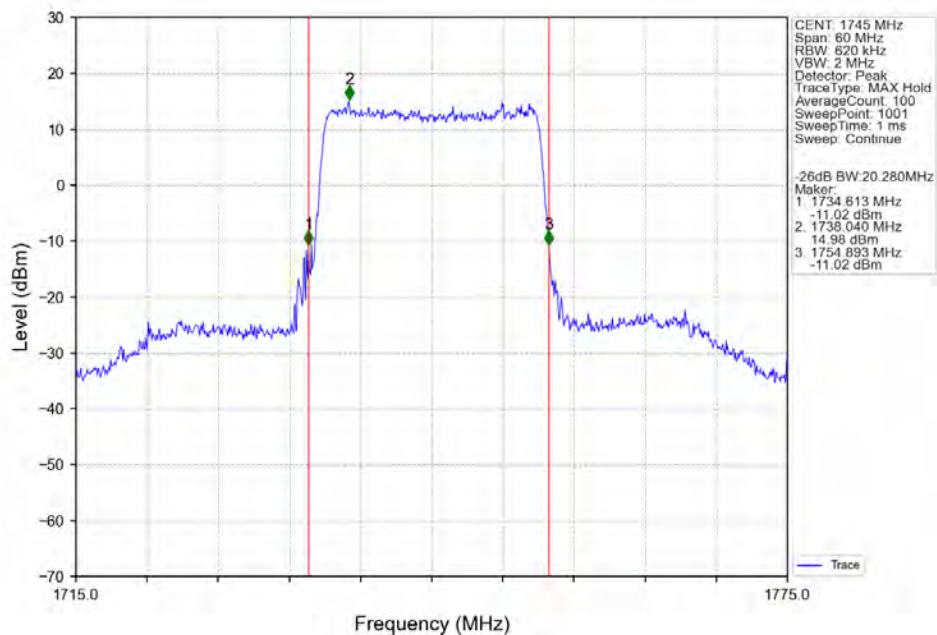
Band66_20MHz_64QAM_HCH_1770MHz_RB_100_0_NTNV



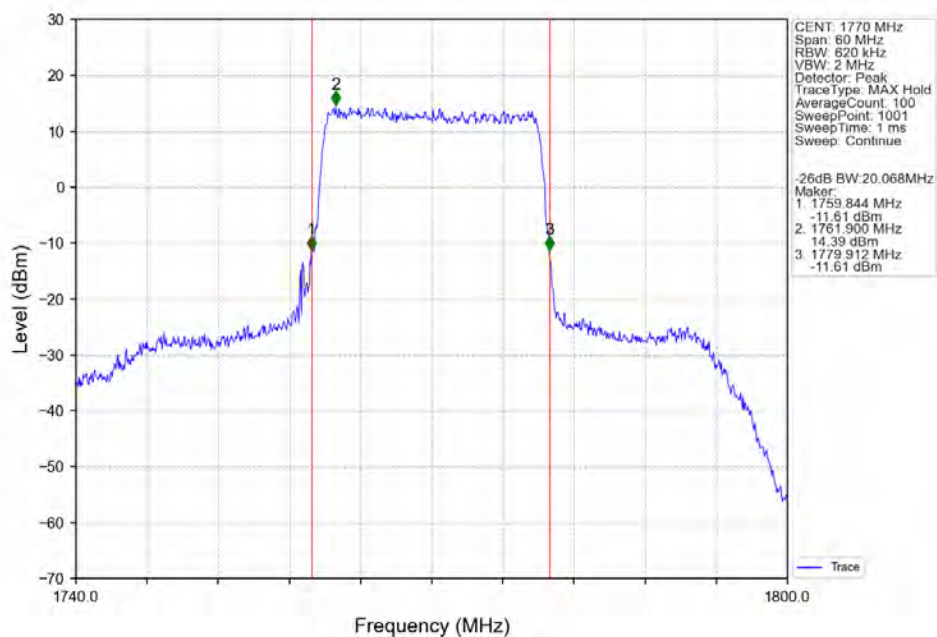
Band66_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_256QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_256QAM_HCH_1770MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	1.80	<=13	Pass
	1745	6	0	1.76	<=13	Pass
	1779.3	6	0	1.77	<=13	Pass
16QAM	1710.7	6	0	2.31	<=13	Pass
	1745	6	0	2.26	<=13	Pass
	1779.3	6	0	1.77	<=13	Pass
64QAM	1710.7	6	0	2.68	<=13	Pass
	1745	6	0	2.60	<=13	Pass
	1779.3	6	0	1.77	<=13	Pass
256QAM	1710.7	6	0	3.48	<=13	Pass
	1745	6	0	3.39	<=13	Pass
	1779.3	6	0	3.47	<=13	Pass

4.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	2.37	<=13	Pass
	1745	15	0	2.36	<=13	Pass
	1778.5	15	0	2.37	<=13	Pass
16QAM	1711.5	15	0	2.84	<=13	Pass
	1745	15	0	2.80	<=13	Pass
	1778.5	15	0	2.81	<=13	Pass
64QAM	1711.5	15	0	3.06	<=13	Pass
	1745	15	0	3.03	<=13	Pass
	1778.5	15	0	3.04	<=13	Pass
256QAM	1711.5	15	0	3.69	<=13	Pass
	1745	15	0	3.63	<=13	Pass
	1778.5	15	0	3.66	<=13	Pass

4.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	3.05	<=13	Pass
	1745	25	0	3.03	<=13	Pass
	1777.5	25	0	3.03	<=13	Pass
16QAM	1712.5	25	0	3.05	<=13	Pass
	1745	25	0	3.52	<=13	Pass
	1777.5	25	0	3.03	<=13	Pass
64QAM	1712.5	25	0	3.05	<=13	Pass

256QAM	1745	25	0	3.71	<=13	Pass
	1777.5	25	0	3.03	<=13	Pass
	1712.5	25	0	4.31	<=13	Pass
	1745	25	0	4.21	<=13	Pass
	1777.5	25	0	4.26	<=13	Pass

4.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	3.86	<=13	Pass
	1745	50	0	3.84	<=13	Pass
	1775	50	0	3.81	<=13	Pass
16QAM	1715	50	0	4.20	<=13	Pass
	1745	50	0	4.16	<=13	Pass
	1775	50	0	4.17	<=13	Pass
64QAM	1715	50	0	4.34	<=13	Pass
	1745	50	0	4.31	<=13	Pass
	1775	50	0	4.31	<=13	Pass
256QAM	1715	50	0	4.70	<=13	Pass
	1745	50	0	4.68	<=13	Pass
	1775	50	0	4.67	<=13	Pass

4.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	3.96	<=13	Pass
	1745	75	0	3.95	<=13	Pass
	1772.5	75	0	3.90	<=13	Pass
16QAM	1717.5	75	0	4.35	<=13	Pass
	1745	75	0	4.31	<=13	Pass
	1772.5	75	0	3.89	<=13	Pass
64QAM	1717.5	75	0	4.49	<=13	Pass
	1745	75	0	4.44	<=13	Pass
	1772.5	75	0	3.89	<=13	Pass
256QAM	1717.5	75	0	4.84	<=13	Pass
	1745	75	0	4.76	<=13	Pass
	1772.5	75	0	4.72	<=13	Pass

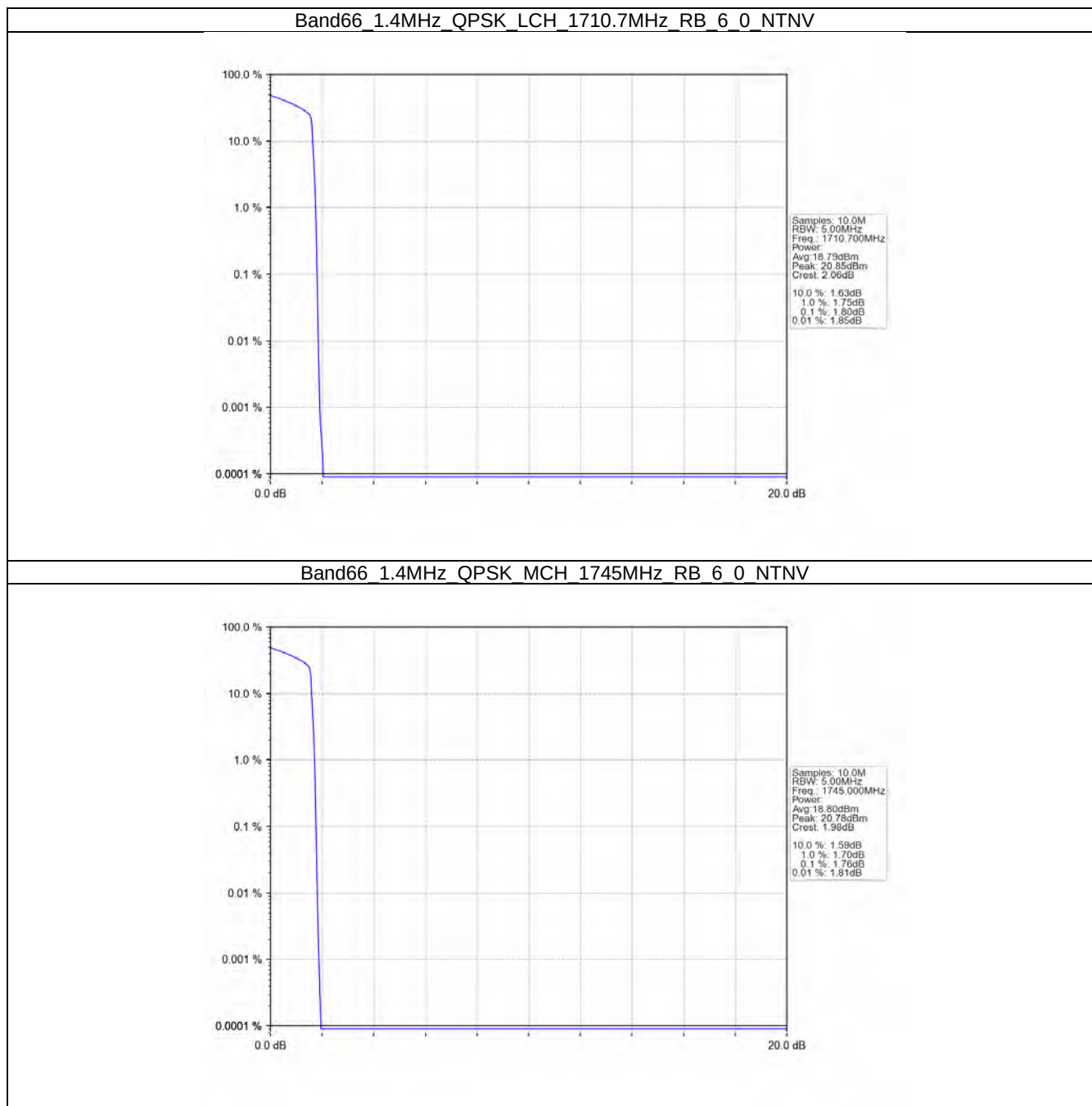
4.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	4.40	<=13	Pass
	1745	100	0	4.39	<=13	Pass
	1770	100	0	4.33	<=13	Pass
16QAM	1720	100	0	4.57	<=13	Pass
	1745	100	0	4.58	<=13	Pass
	1770	100	0	4.51	<=13	Pass
64QAM	1720	100	0	4.64	<=13	Pass

256QAM	1745	100	0	4.64	<=13	Pass
	1770	100	0	4.56	<=13	Pass
	1720	100	0	4.80	<=13	Pass
	1745	100	0	4.76	<=13	Pass
	1770	100	0	4.72	<=13	Pass

4.2 Test Graph

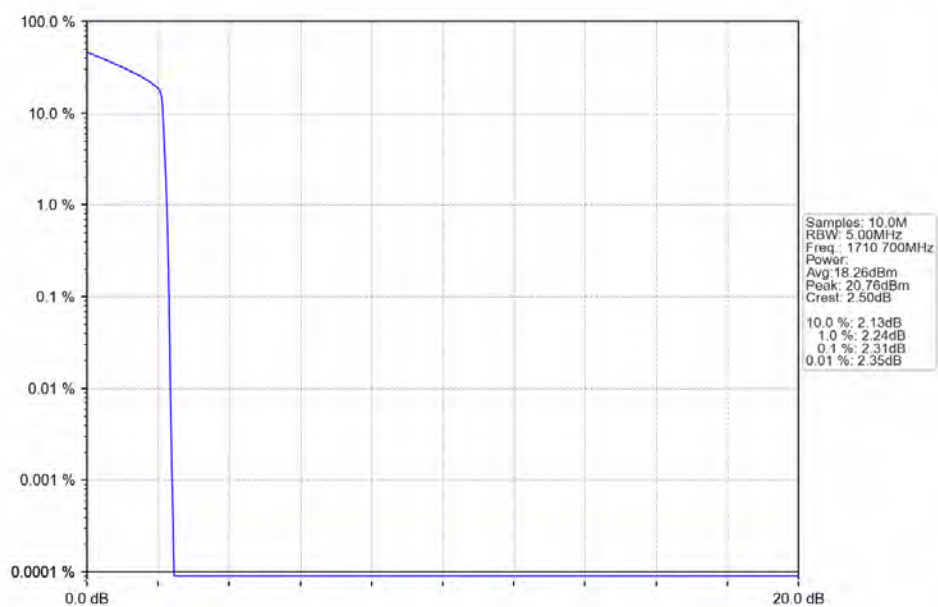
4.2.1 B66_1.4MHz



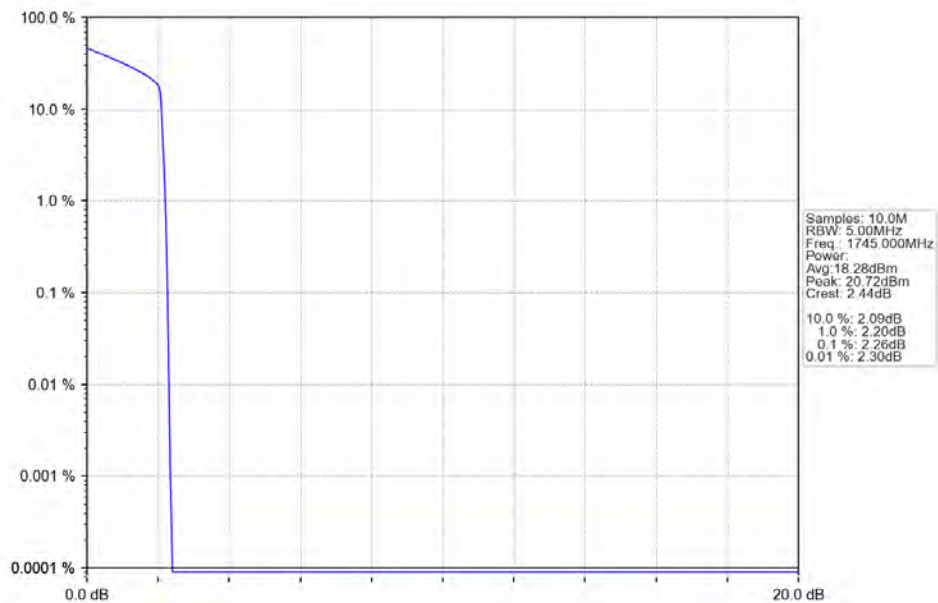
Band66 1.4MHz QPSK HCH 1779.3MHz RB_6_0 NTN



Band66 1.4MHz 16QAM LCH 1710.7MHz RB 6_0 NTN



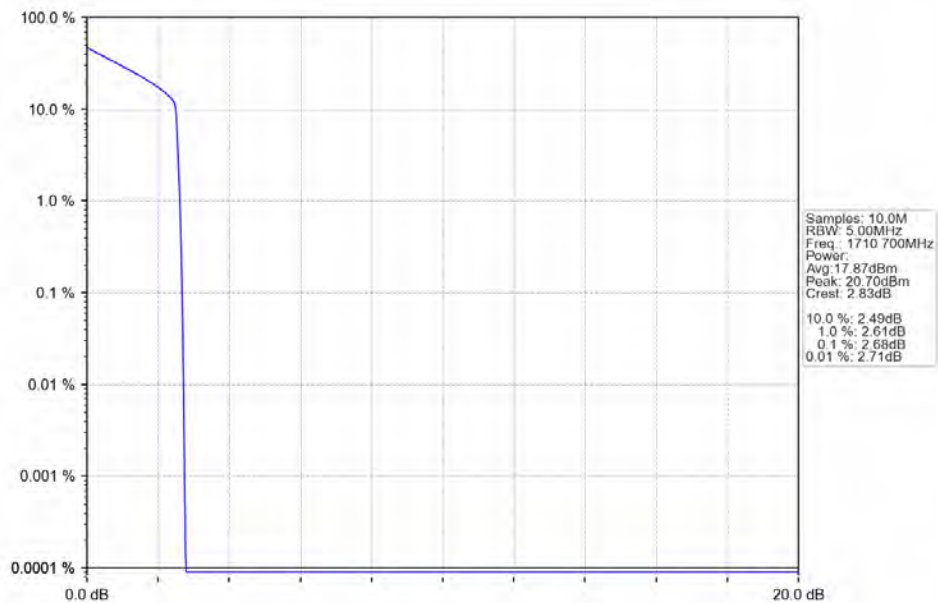
Band66 1.4MHz 16QAM MCH 1745MHz RB 6 0 NTNV



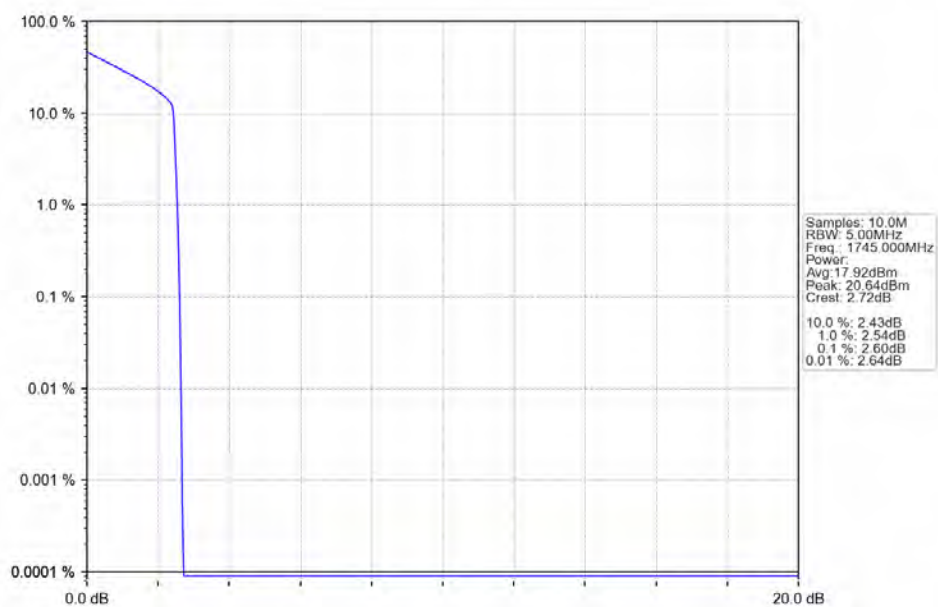
Band66 1.4MHz 16QAM HCH 1779.3MHz RB 6 0 NTNV



Band66_1.4MHz_64QAM_LCH_1710.7MHz_RB_6_0_NTNV



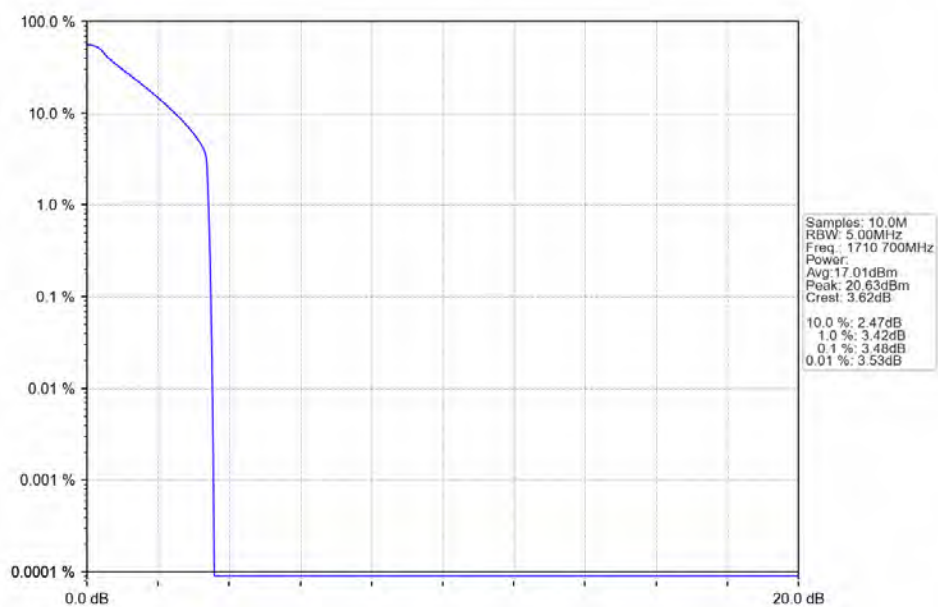
Band66_1.4MHz_64QAM_MCH_1745MHz_RB_6_0_NTNV



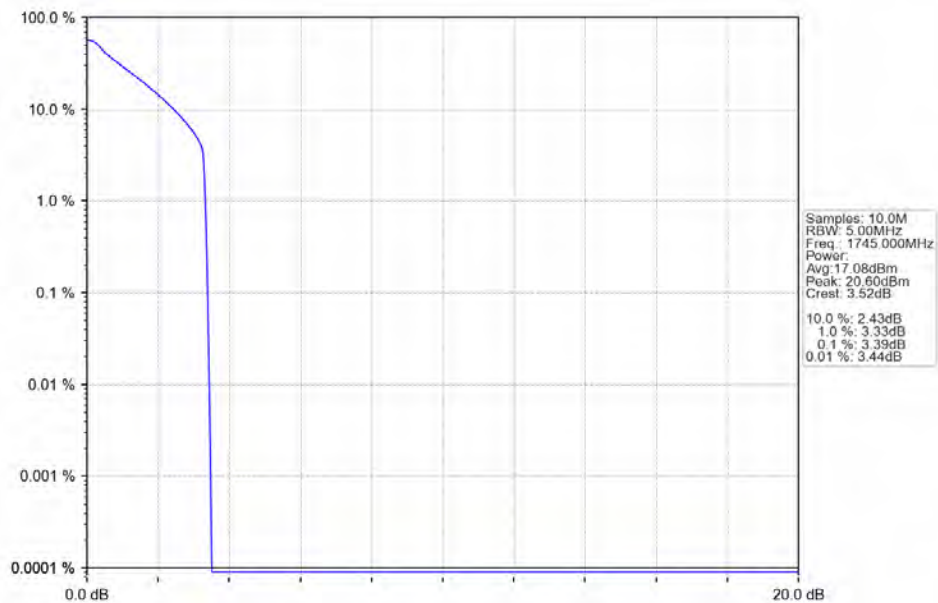
Band66_1.4MHz_64QAM_HCH_1779.3MHz_RB_6_0_NTNV



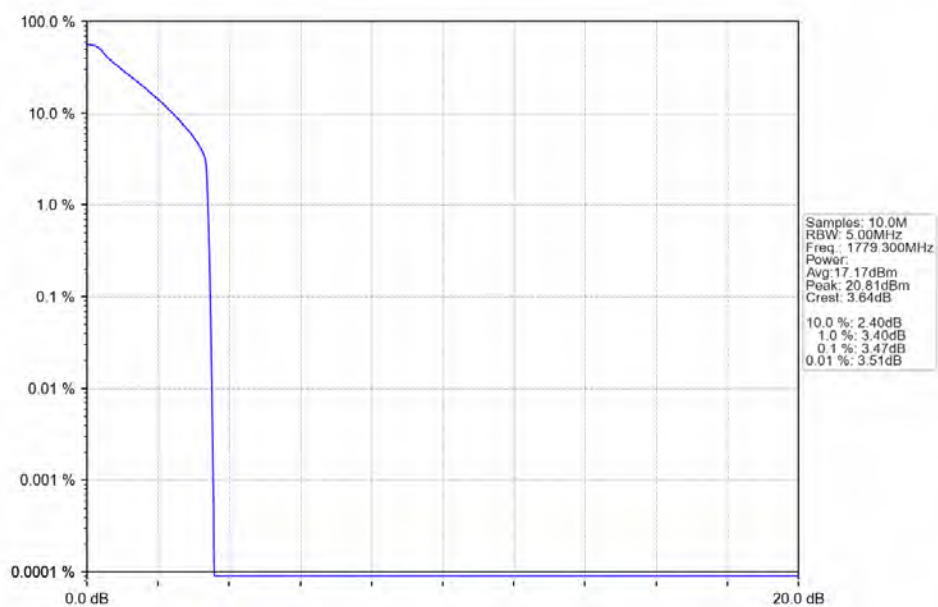
Band66_1.4MHz_256QAM_LCH_1710.7MHz_RB_6_0_NTNV



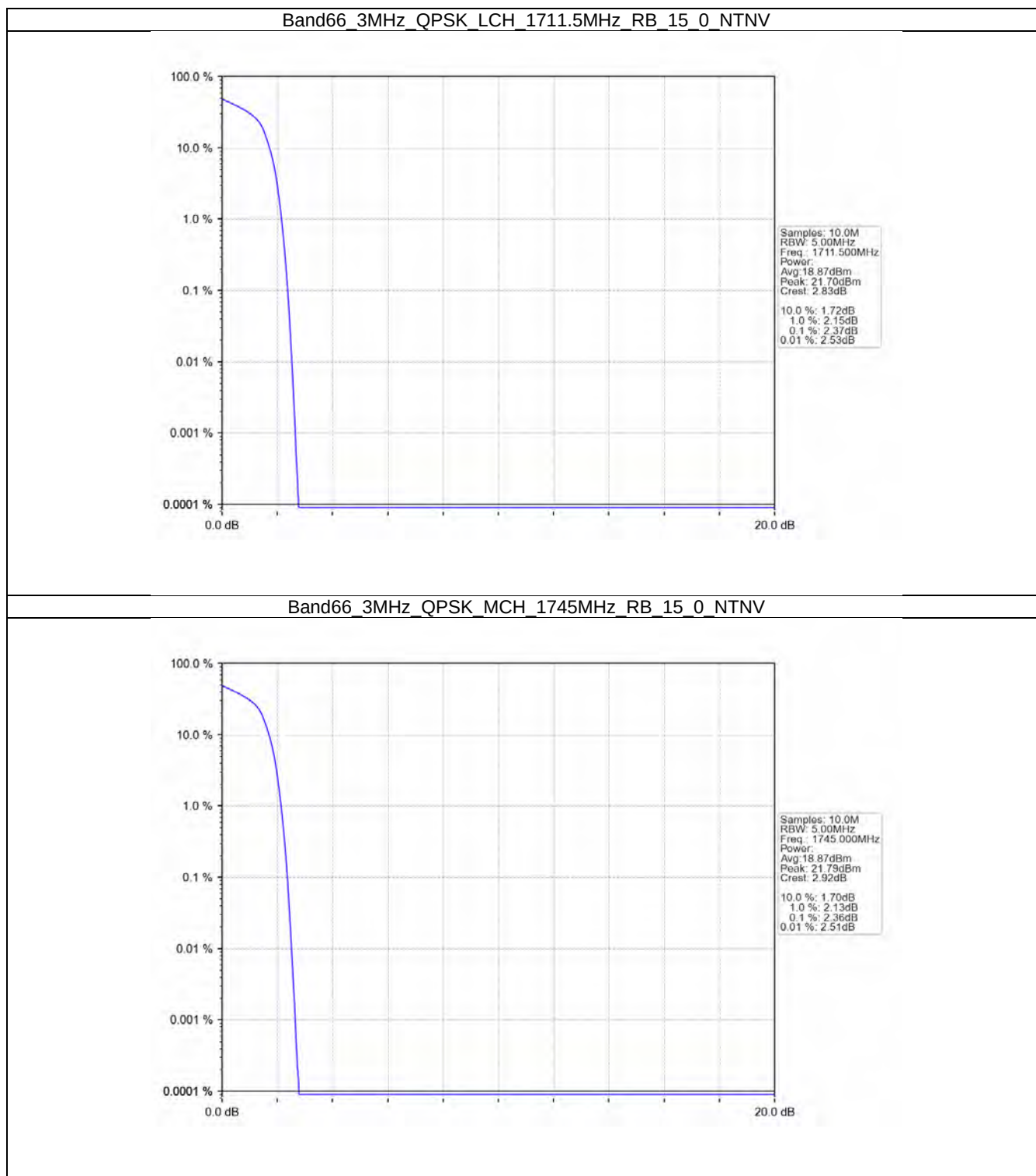
Band66_1.4MHz_256QAM_MCH_1745MHz_RB_6_0_NTNV



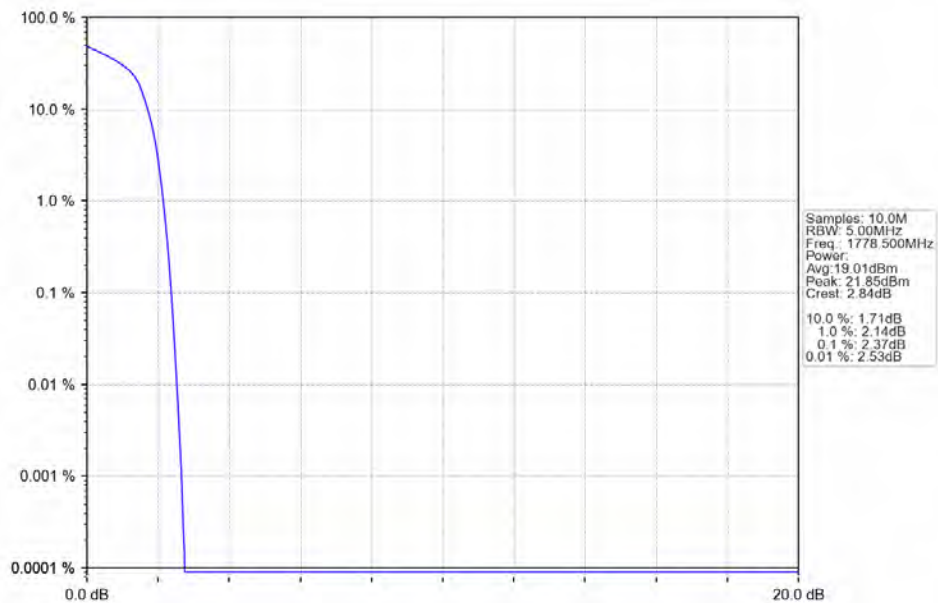
Band66_1.4MHz_256QAM_HCH_1779.3MHz_RB_6_0_NTNV



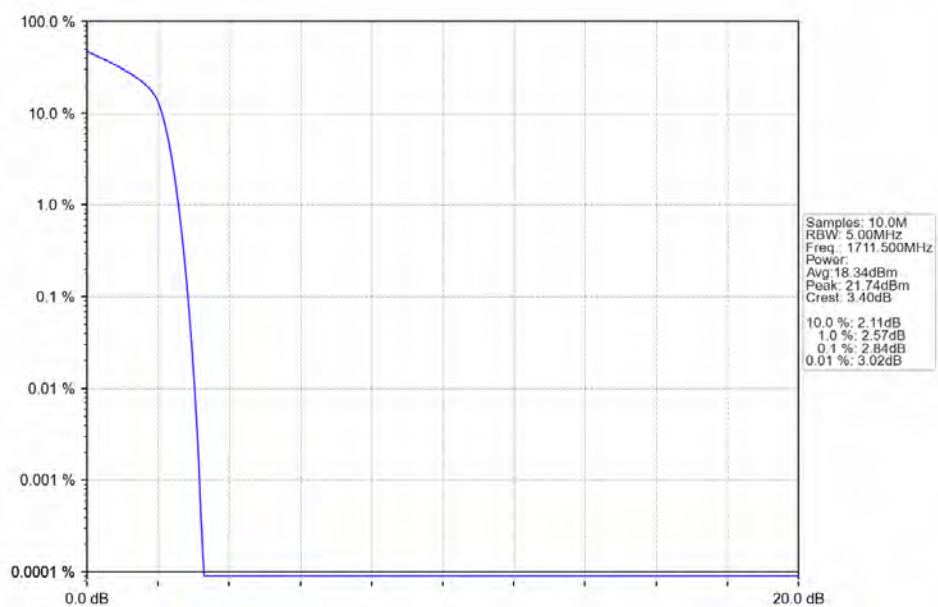
4.2.2 B66_3MHz



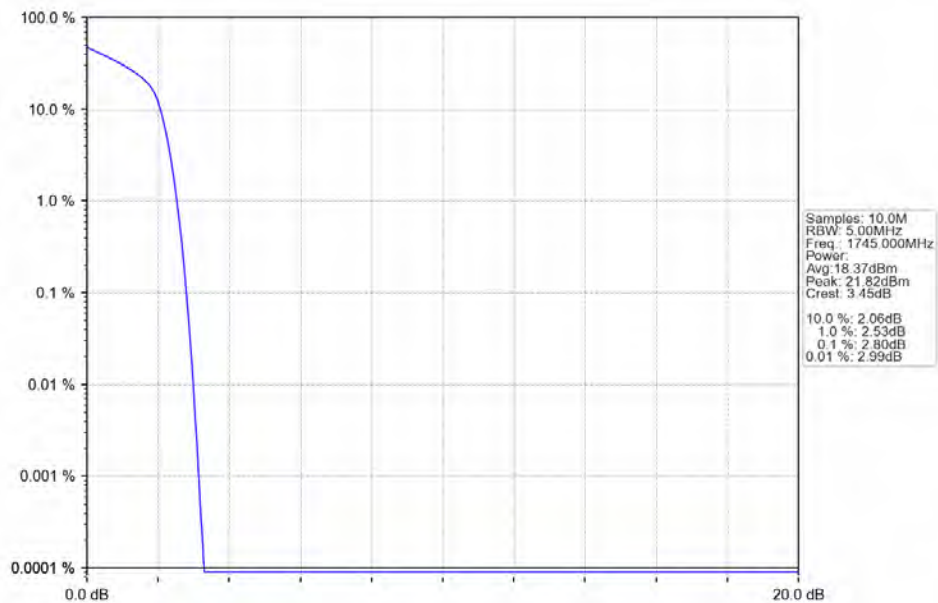
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



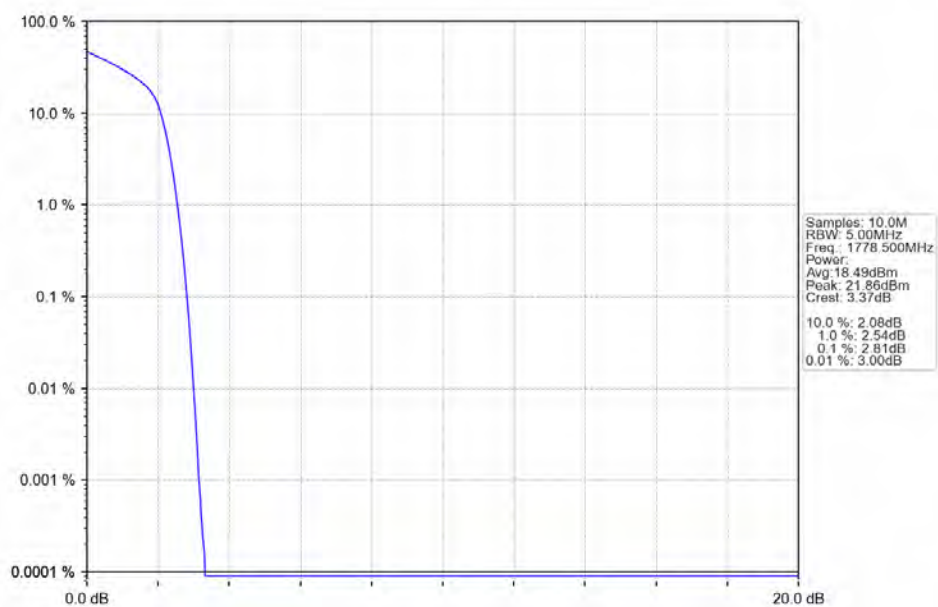
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



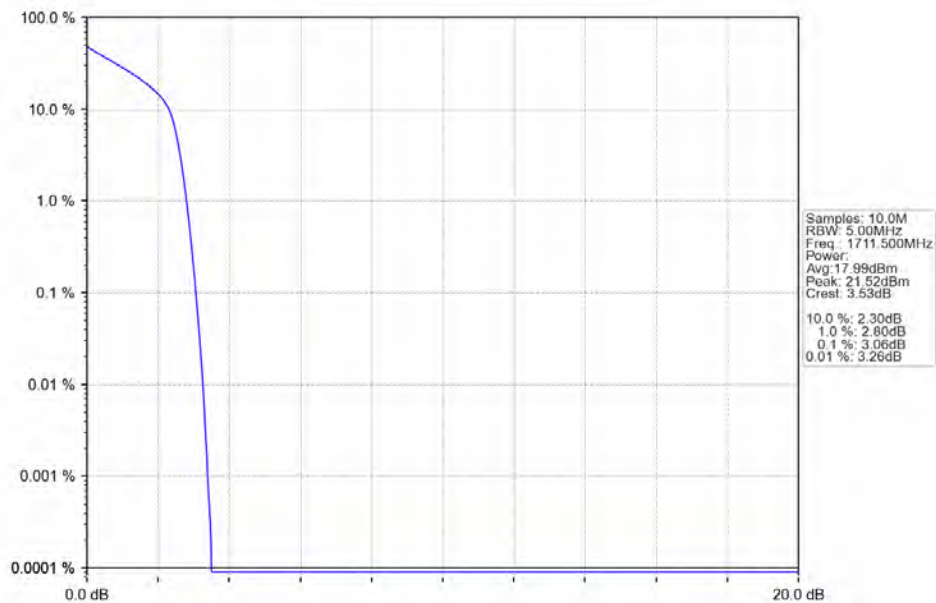
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



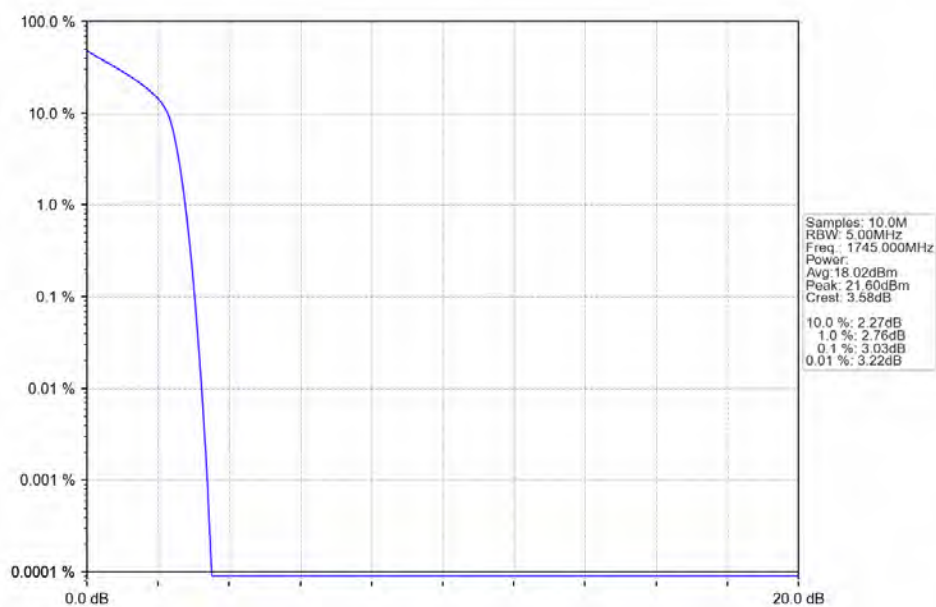
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



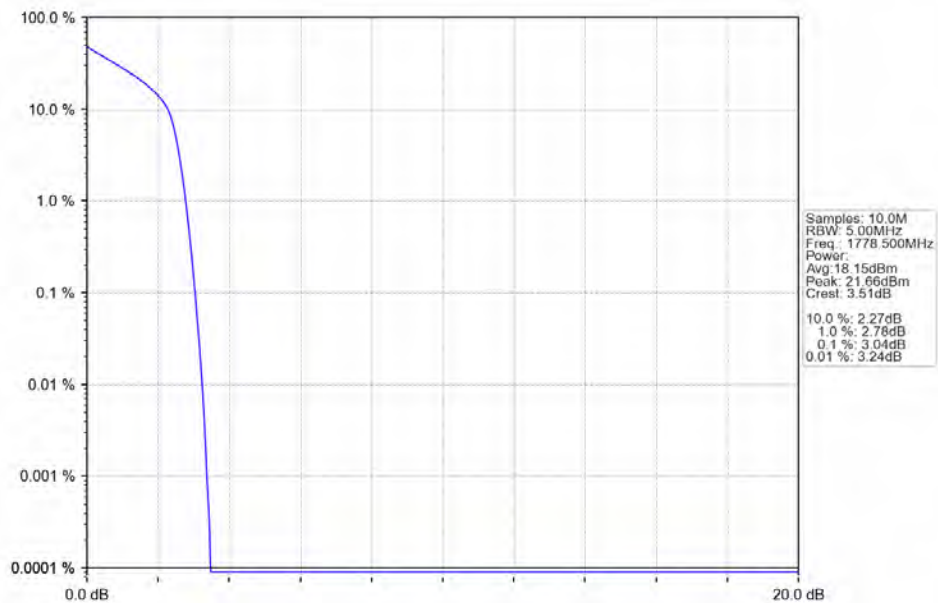
Band66_3MHz_64QAM_LCH_1711.5MHz_RB_15_0_NTNV



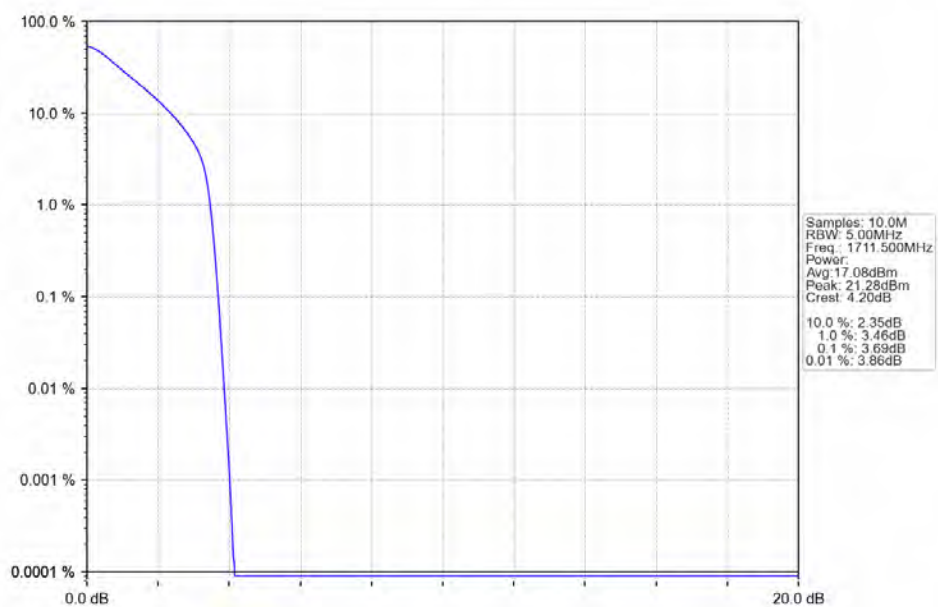
Band66_3MHz_64QAM_MCH_1745MHz_RB_15_0_NTNV



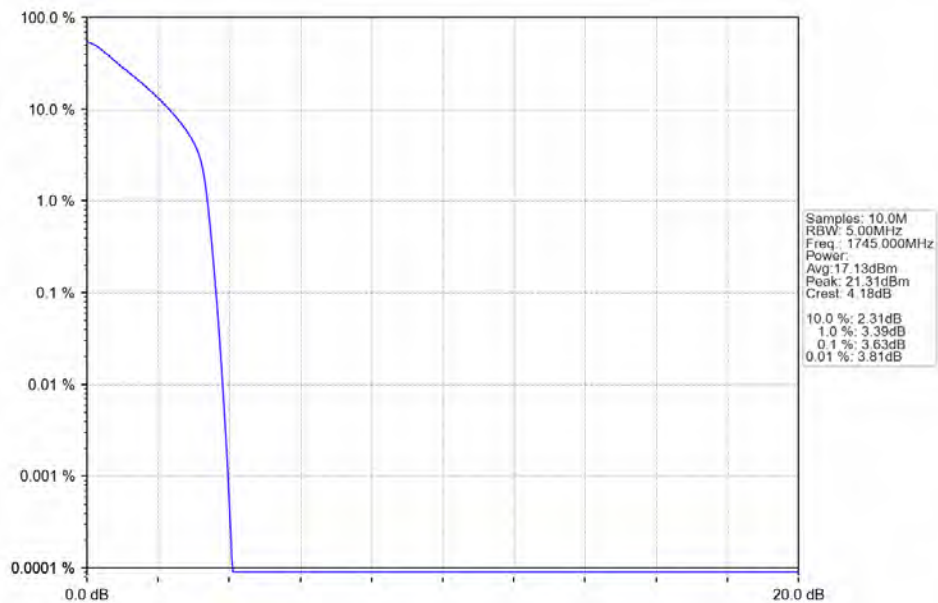
Band66_3MHz_64QAM_HCH_1778.5MHz_RB_15_0_NTNV



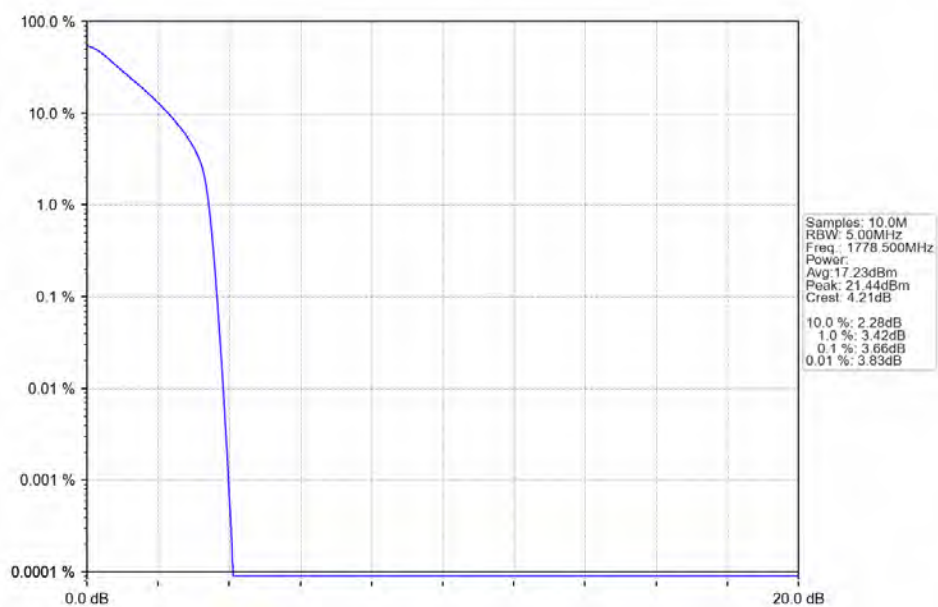
Band66_3MHz_256QAM_LCH_1711.5MHz_RB_15_0_NTNV



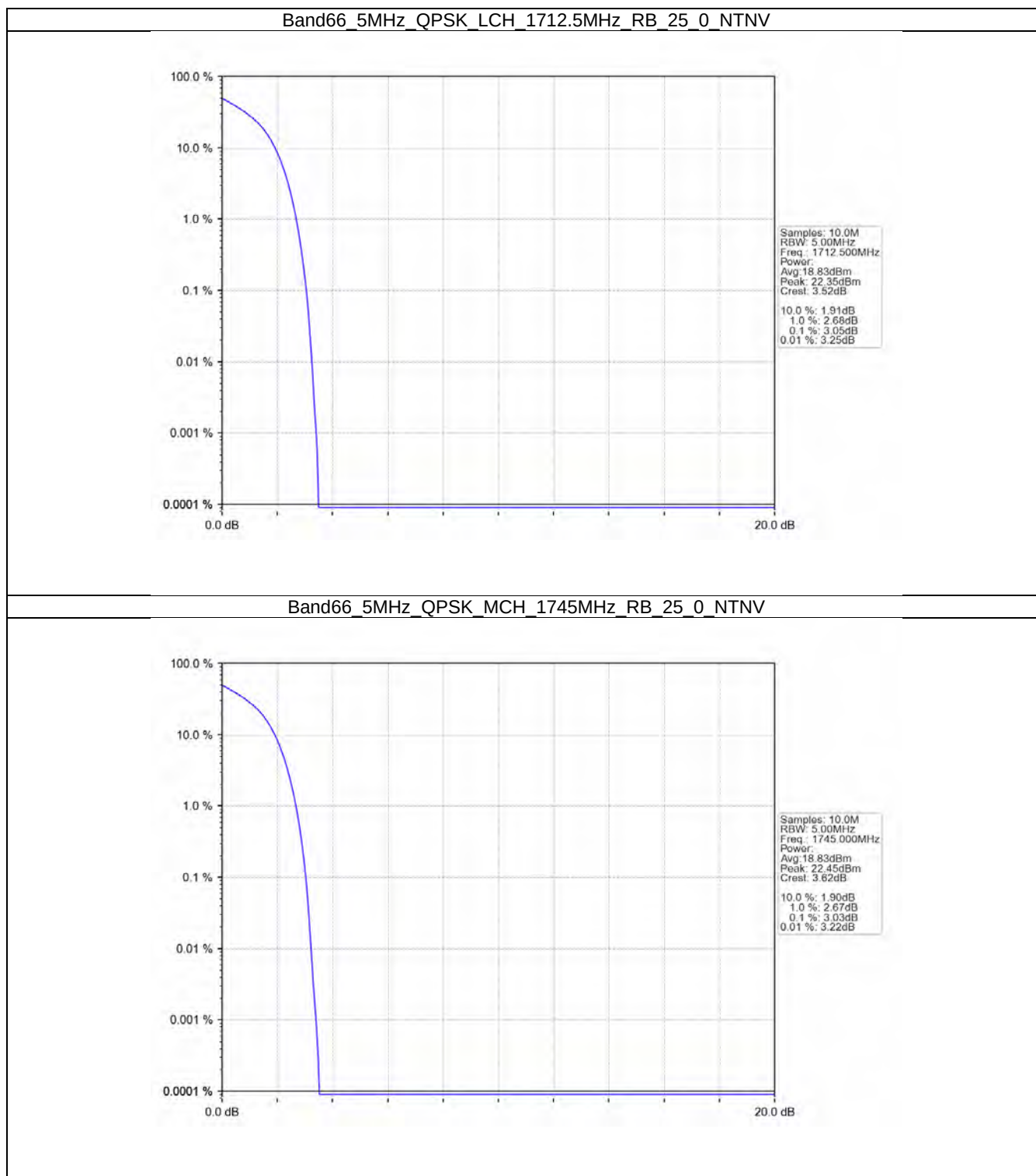
Band66_3MHz_256QAM_MCH_1745MHz_RB_15_0_NTNV



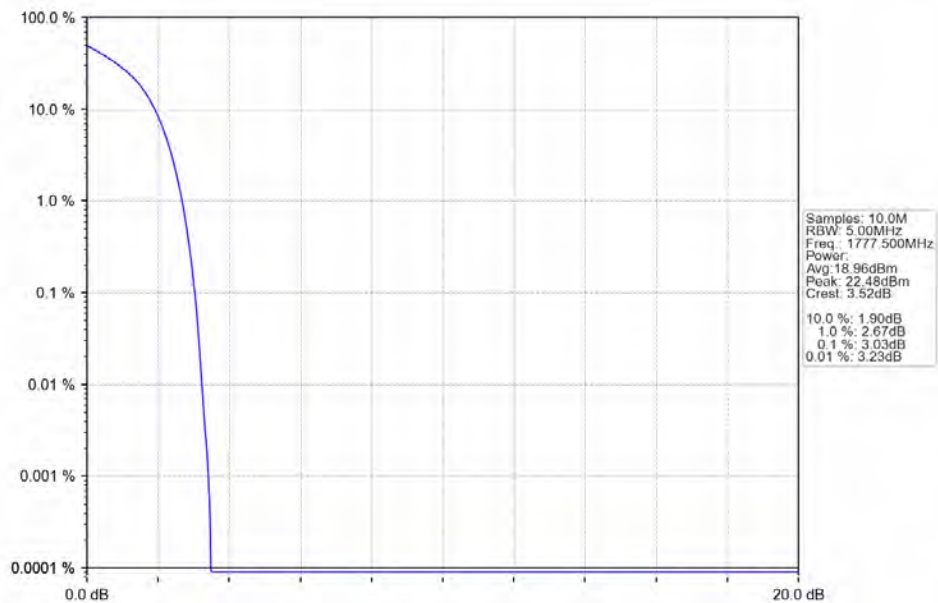
Band66_3MHz_256QAM_HCH_1778.5MHz_RB_15_0_NTNV



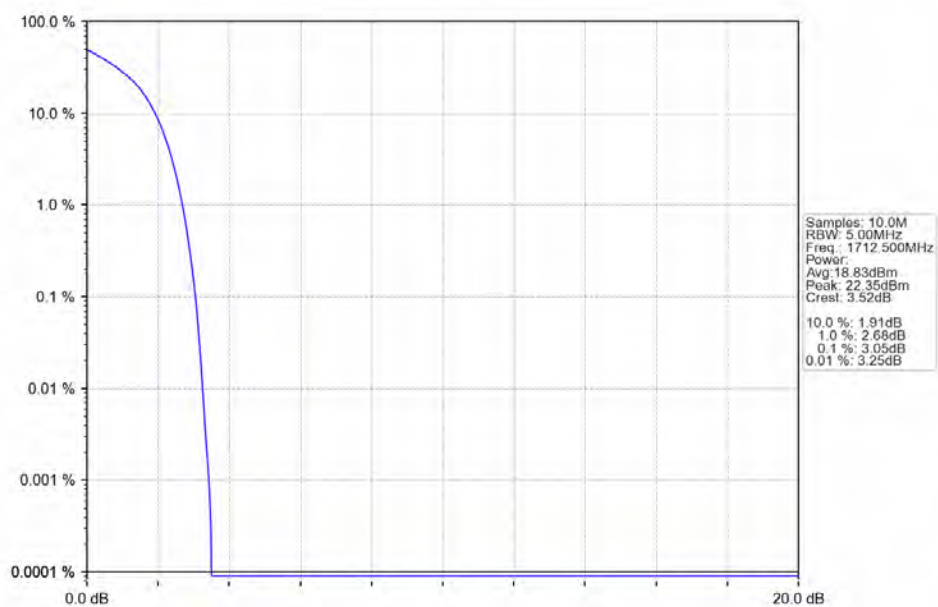
4.2.3 B66_5MHz



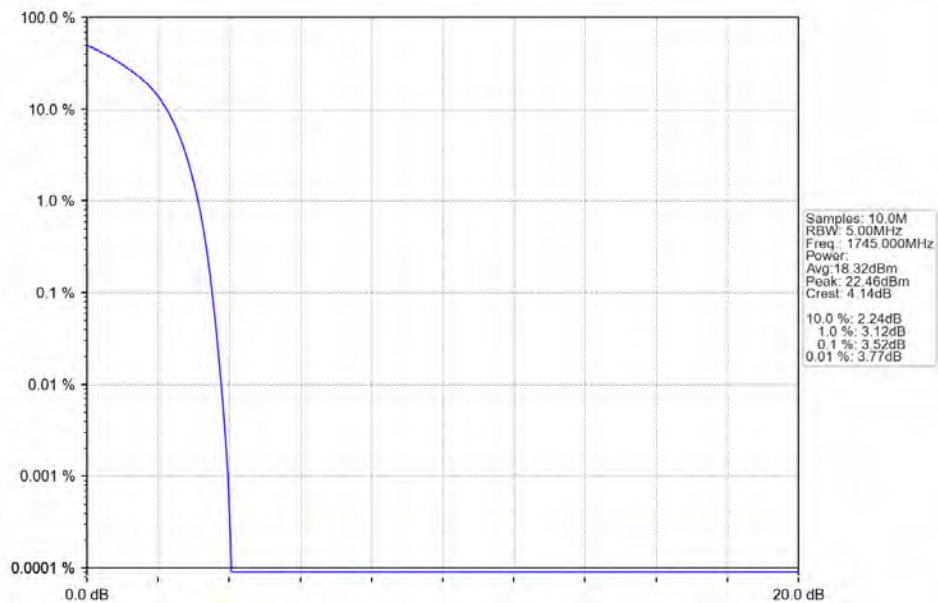
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



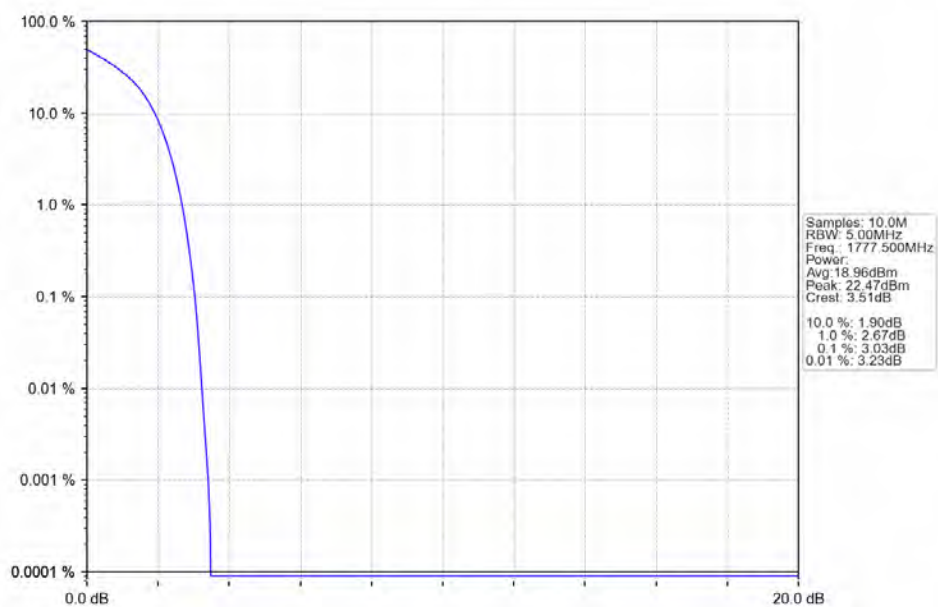
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



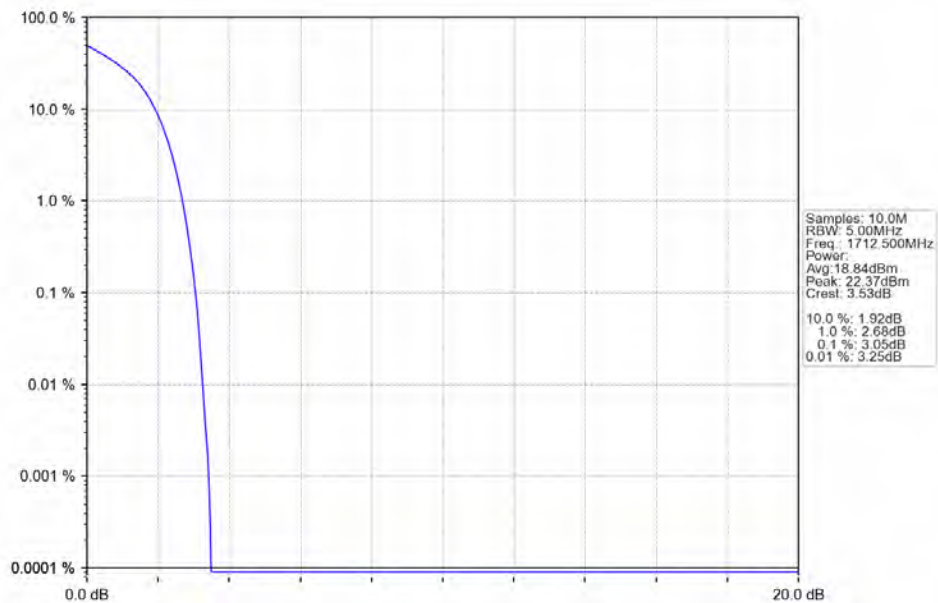
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



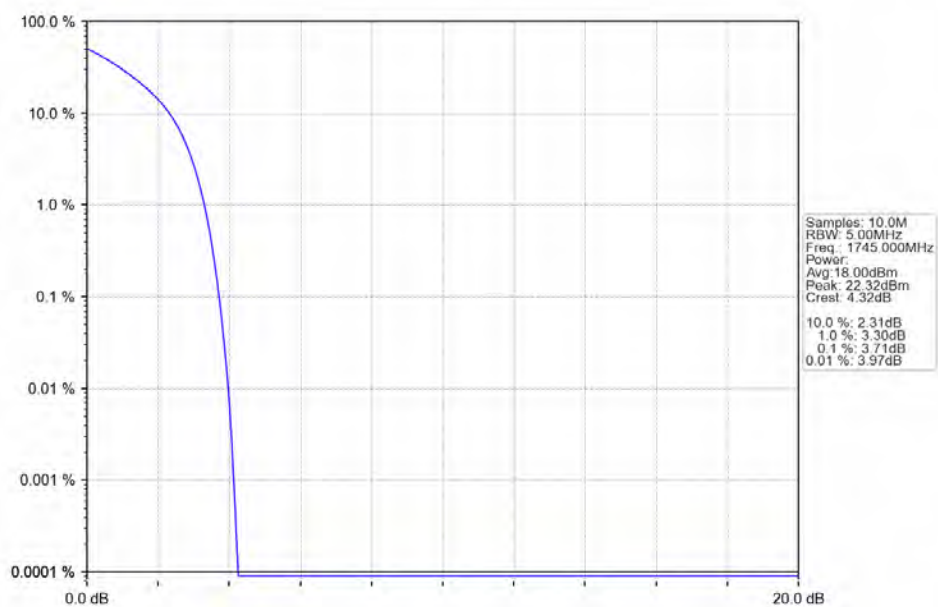
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



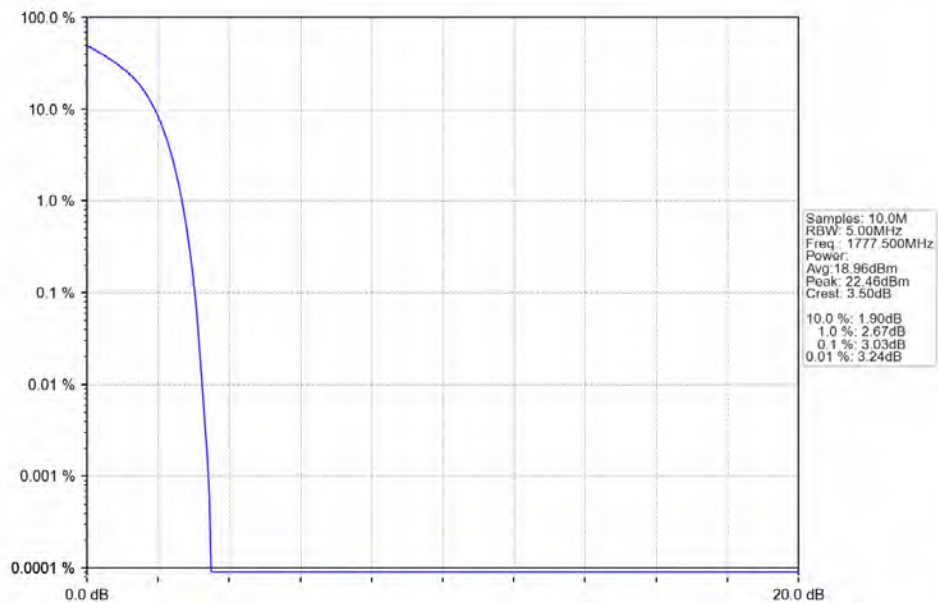
Band66_5MHz_64QAM_LCH_1712.5MHz_RB_25_0_NTNV



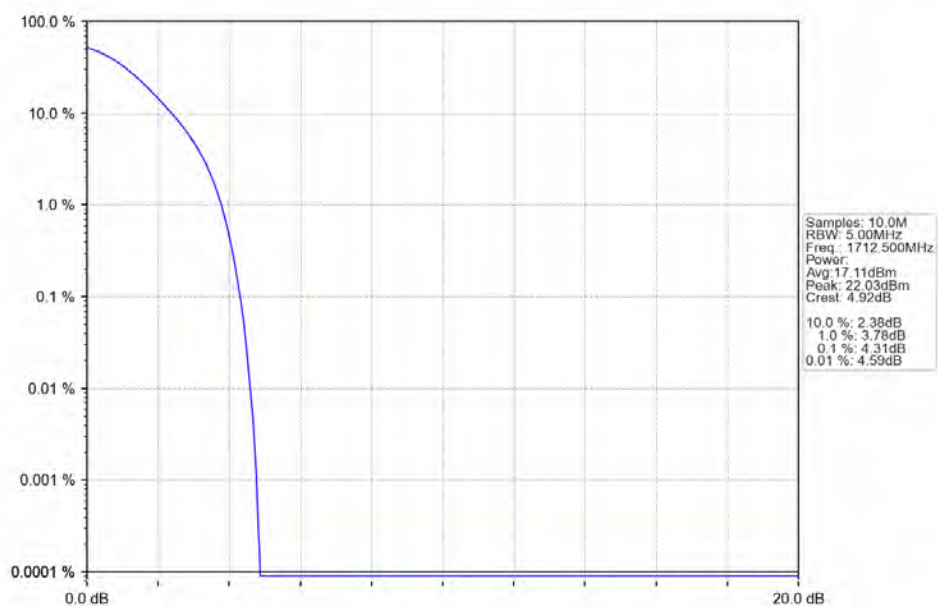
Band66_5MHz_64QAM_MCH_1745MHz_RB_25_0_NTNV



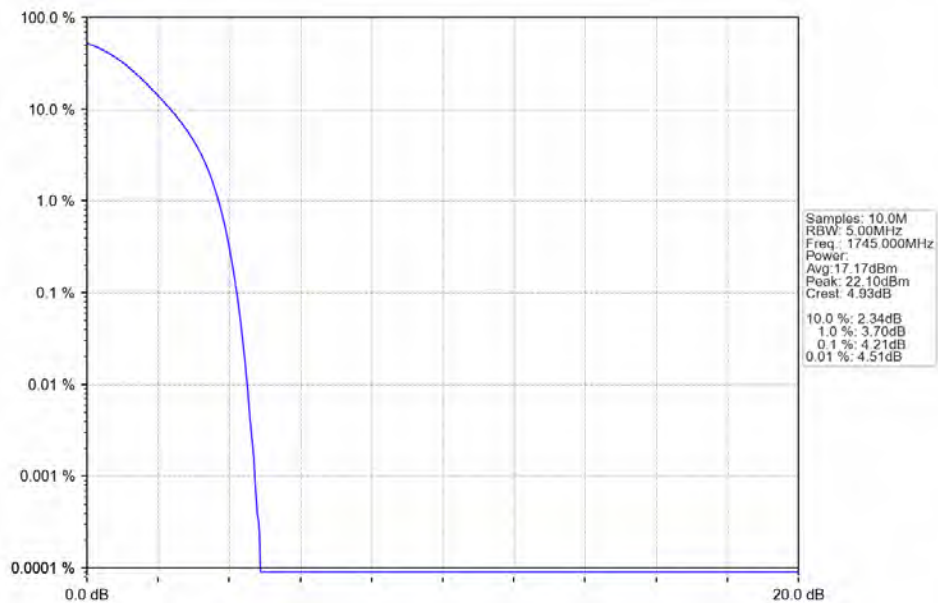
Band66_5MHz_64QAM_HCH_1777.5MHz_RB_25_0_NTNV



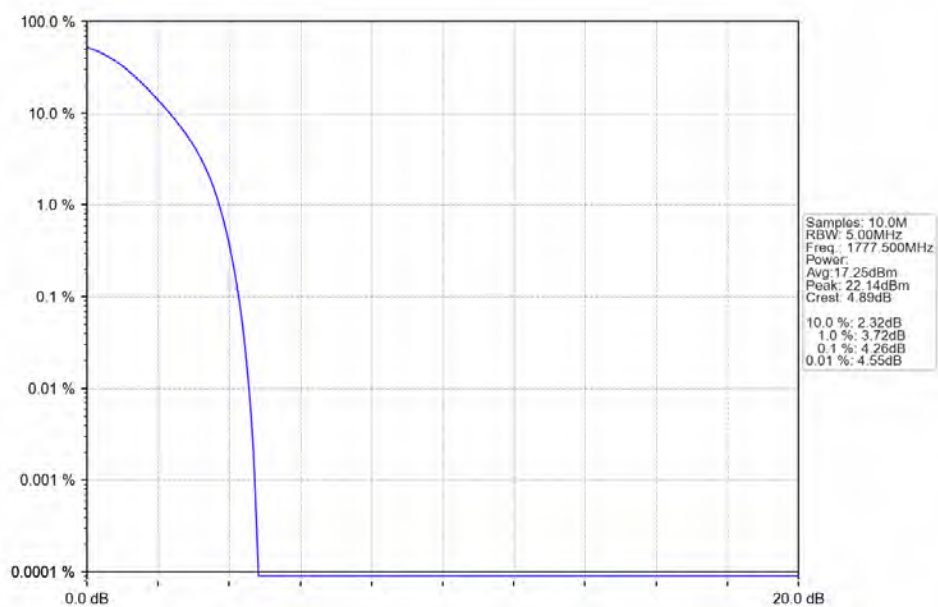
Band66_5MHz_256QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_256QAM_MCH_1745MHz_RB_25_0_NTNV

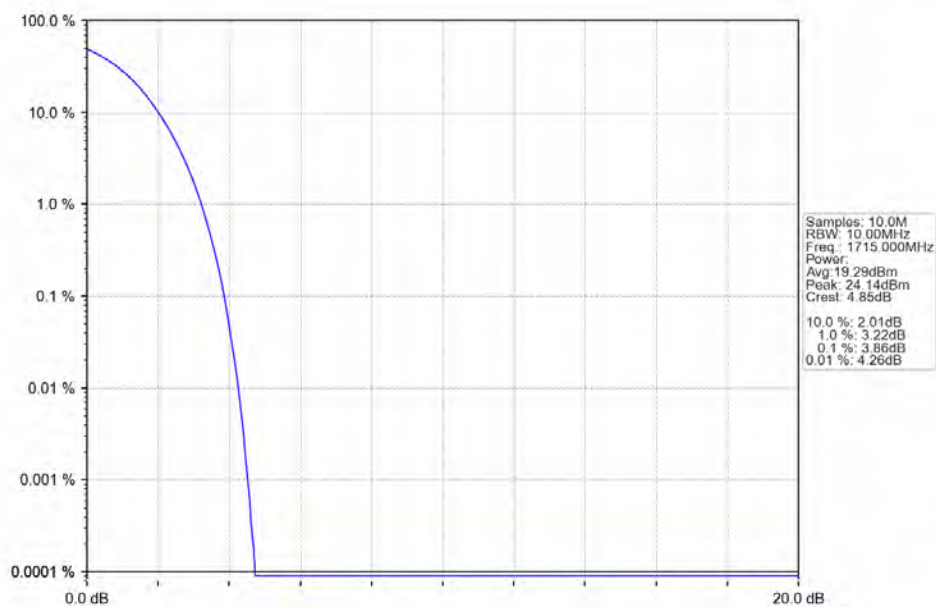


Band66_5MHz_256QAM_HCH_1777.5MHz_RB_25_0_NTNV

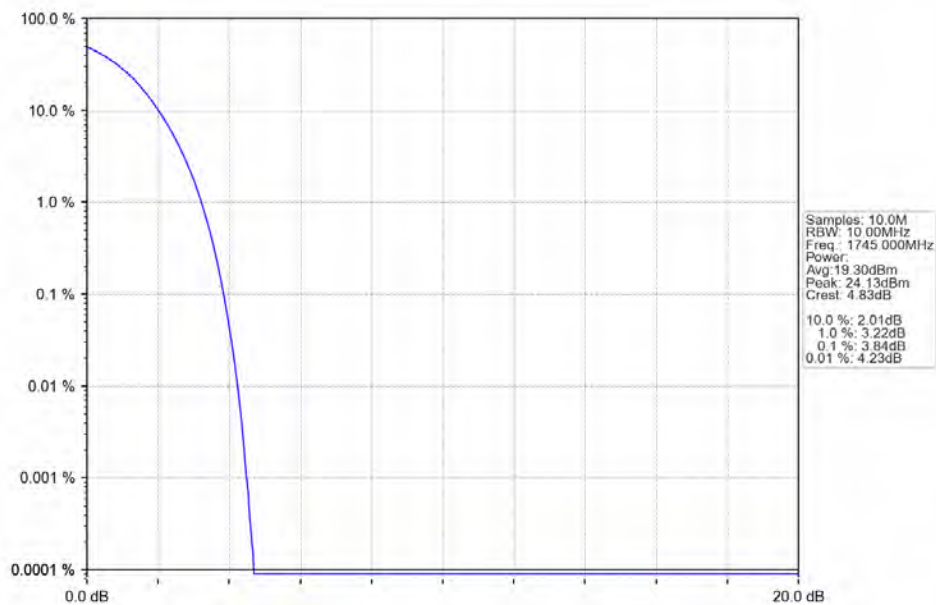


4.2.4 B66_10MHz

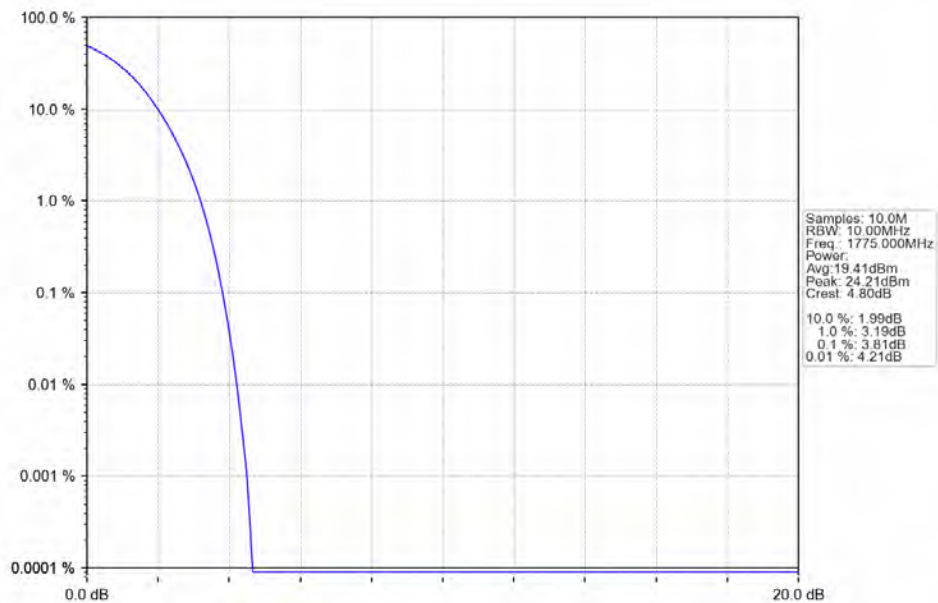
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



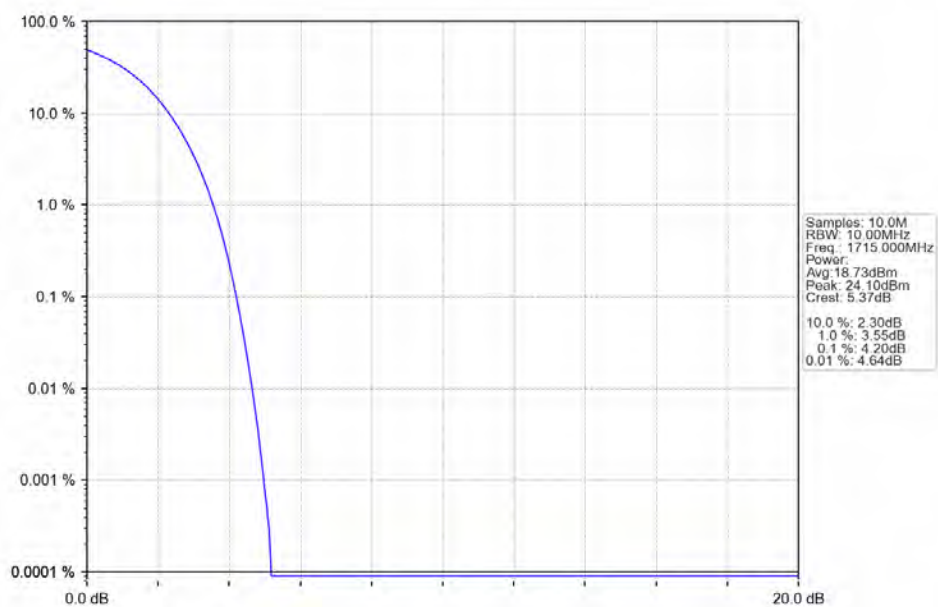
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



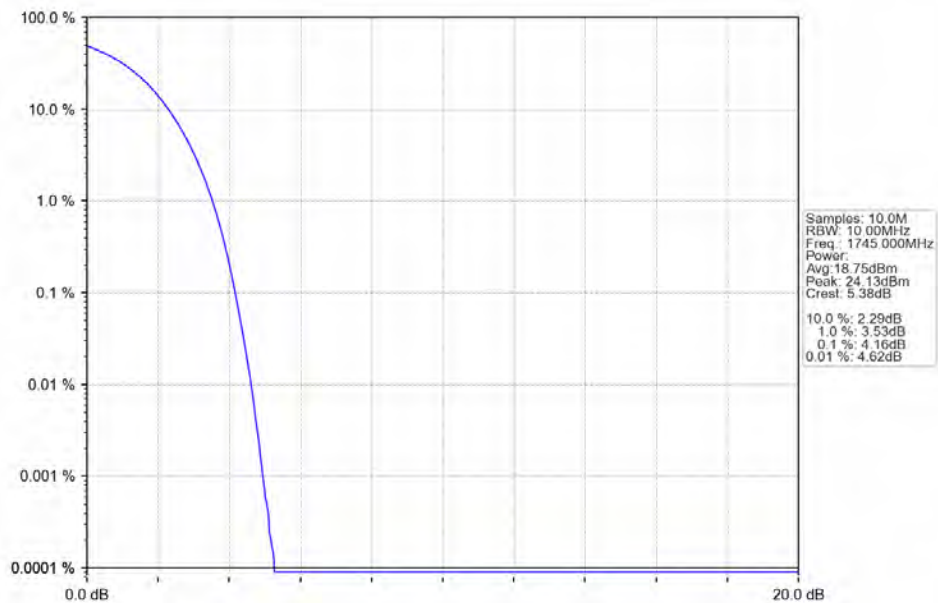
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



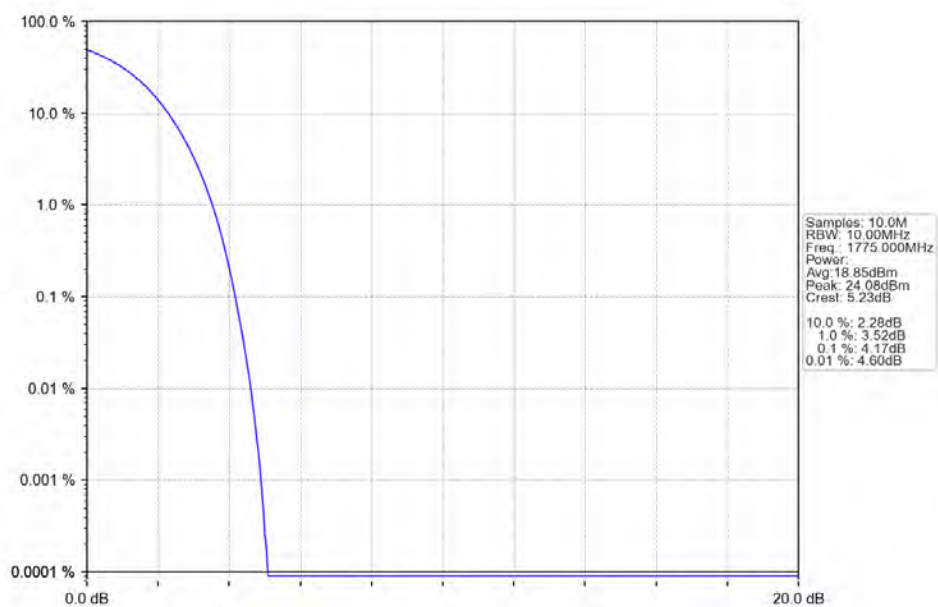
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



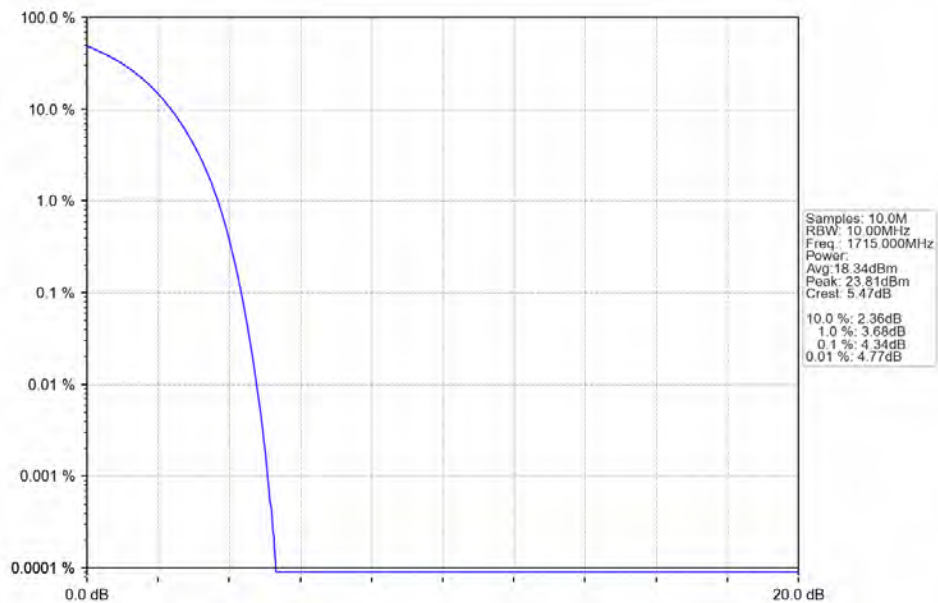
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



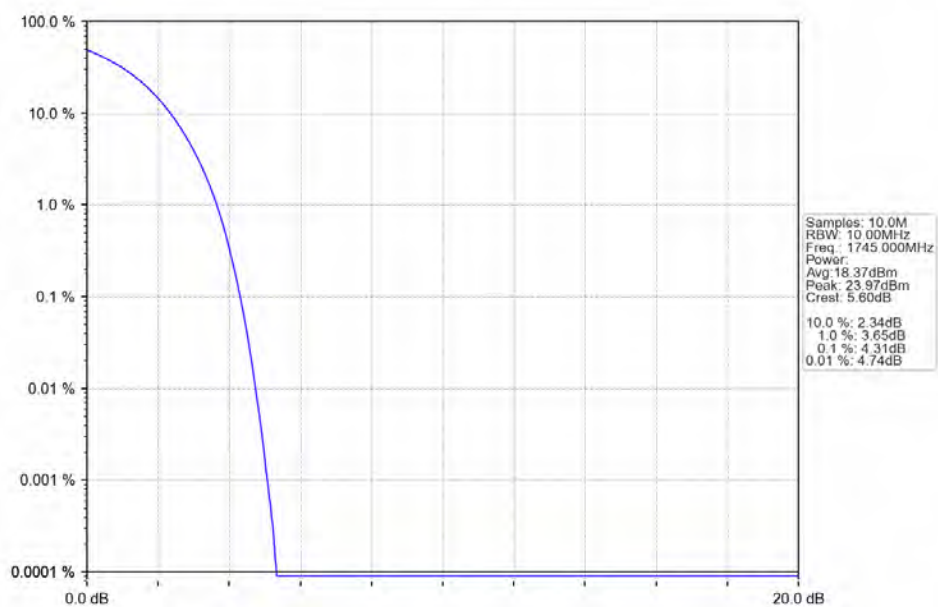
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



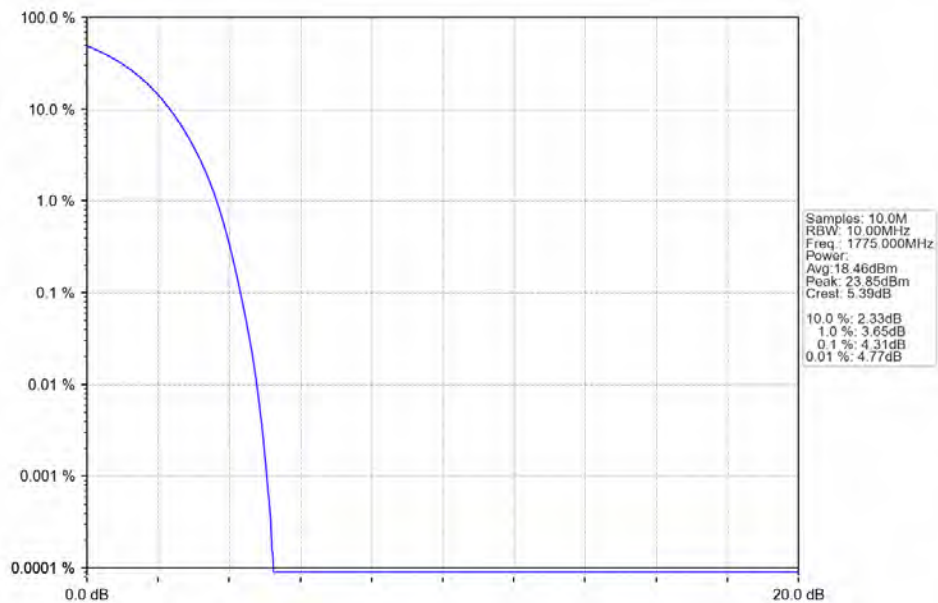
Band66 10MHz 64QAM LCH 1715MHz RB 50 0 NTNV



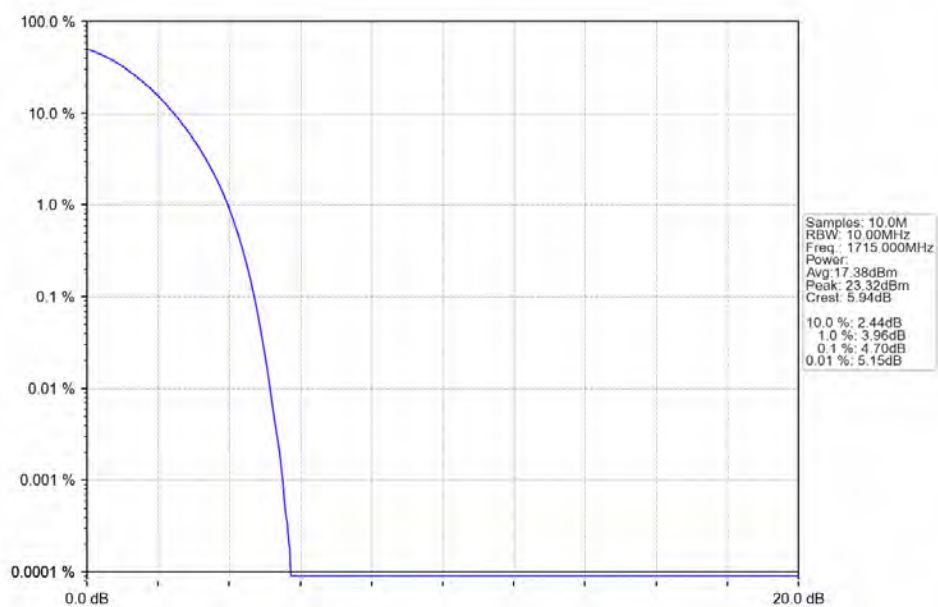
Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTNV



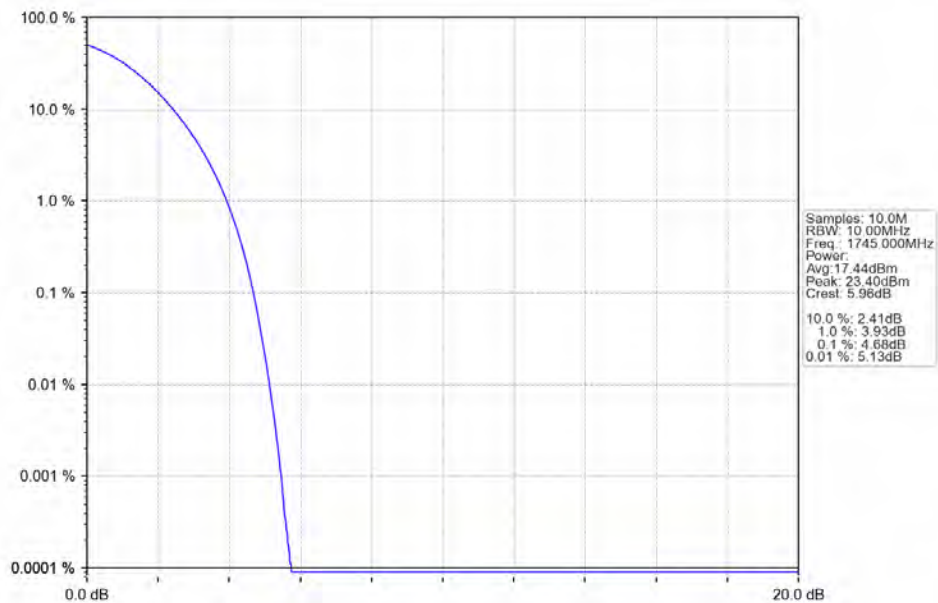
Band66_10MHz_64QAM_HCH_1775MHz_RB_50_0_NTNV



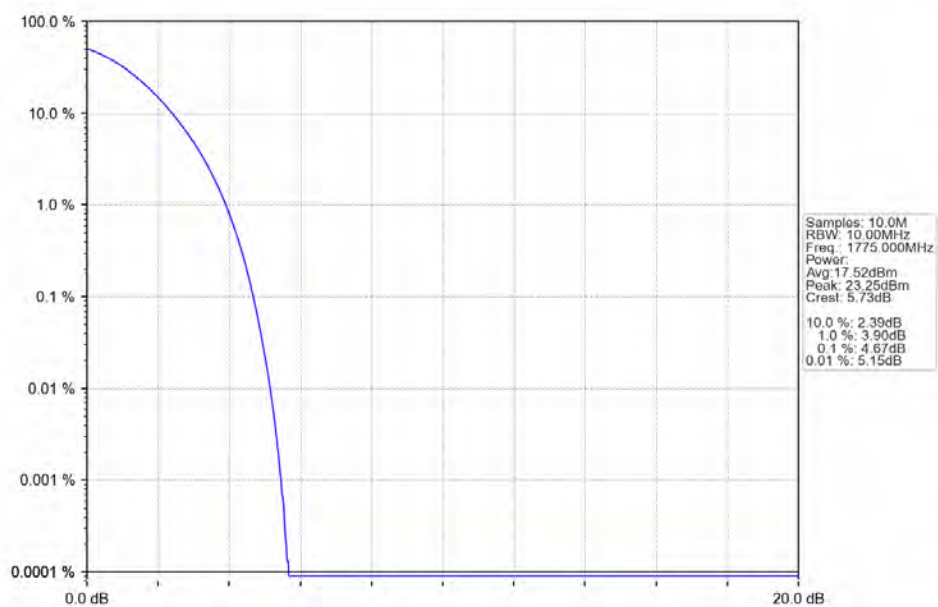
Band66_10MHz_256QAM_LCH_1715MHz_RB_50_0_NTNV



Band66_10MHz_256QAM_MCH_1745MHz_RB_50_0_NTNV

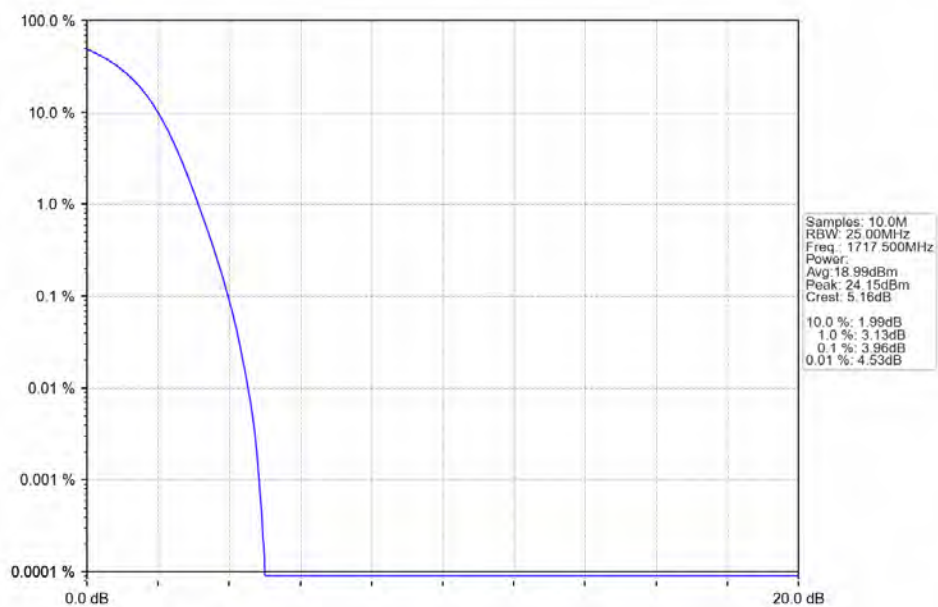


Band66_10MHz_256QAM_HCH_1775MHz_RB_50_0_NTNV

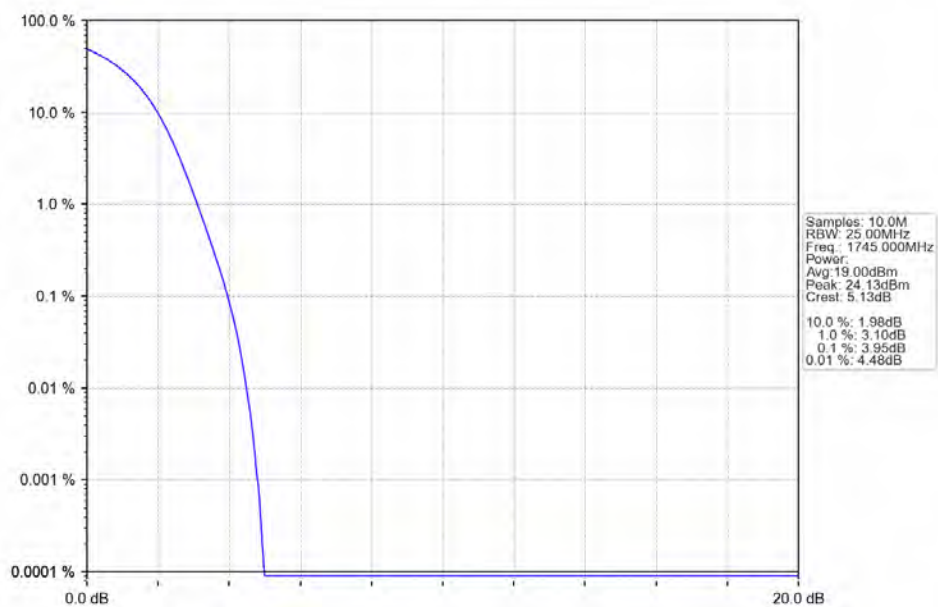


4.2.5 B66_15MHz

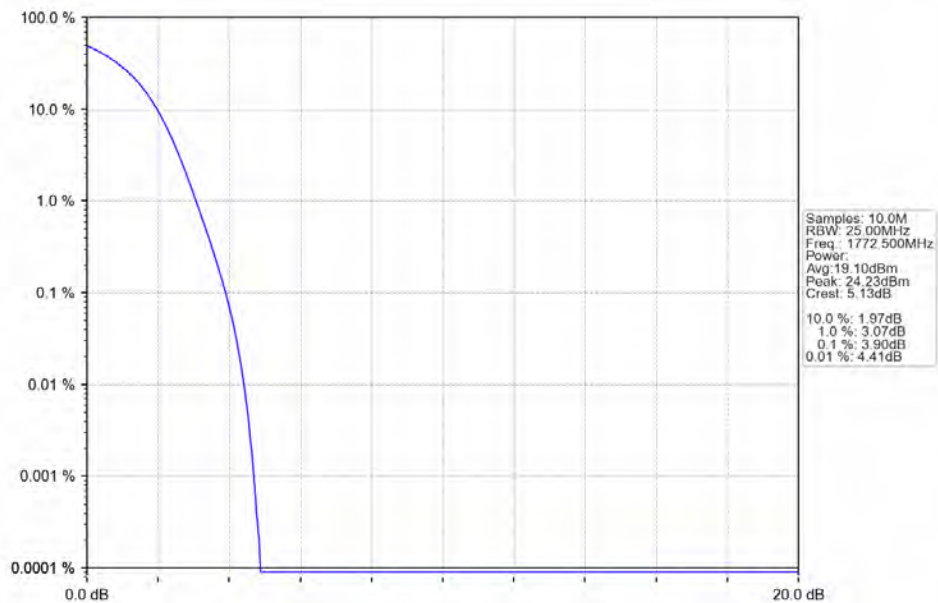
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



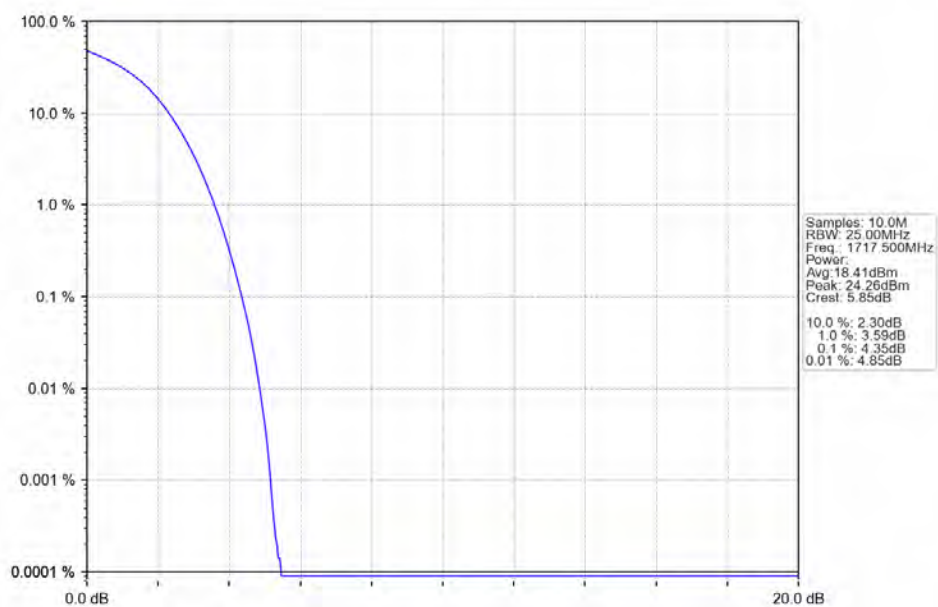
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



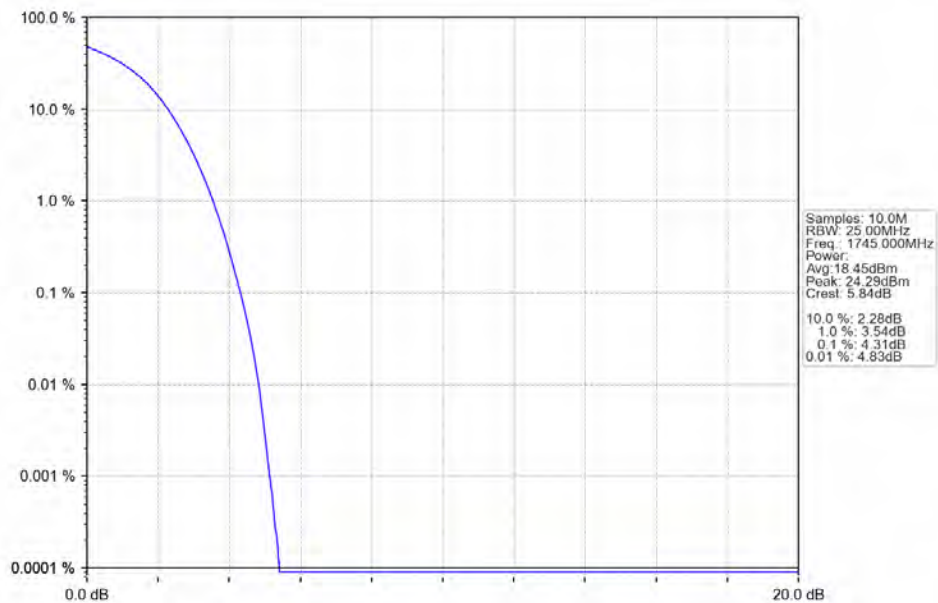
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



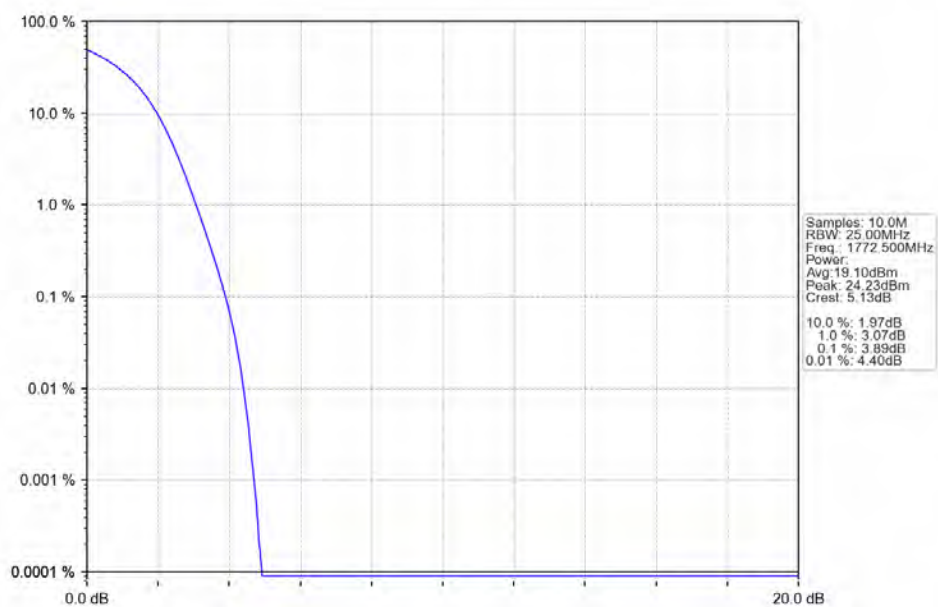
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



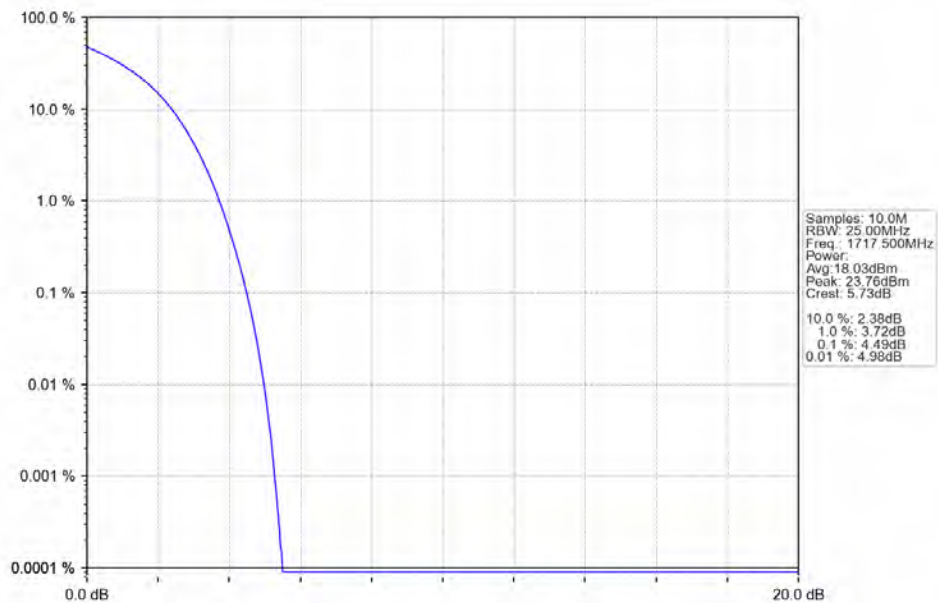
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



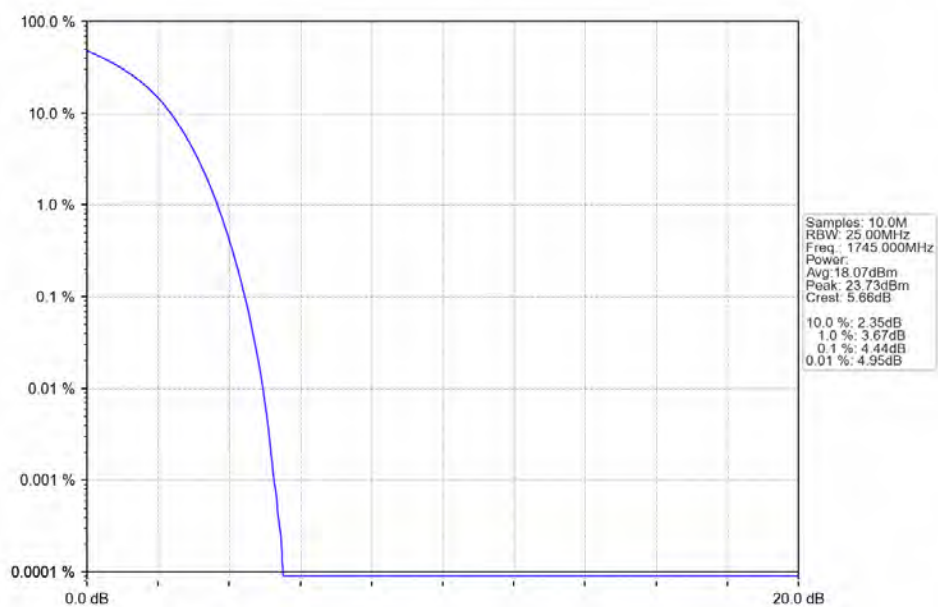
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



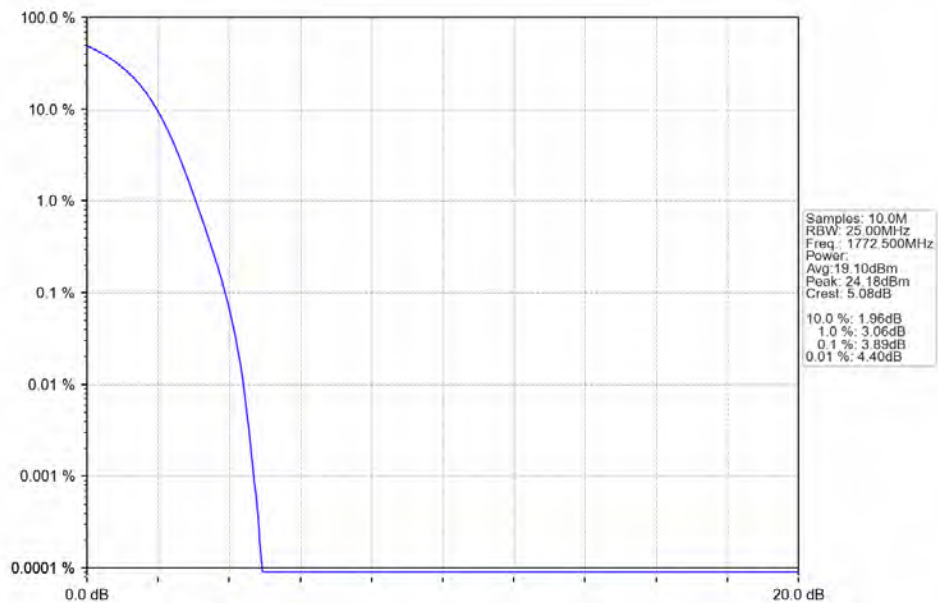
Band66_15MHz_64QAM_LCH_1717.5MHz_RB_75_0_NTNV



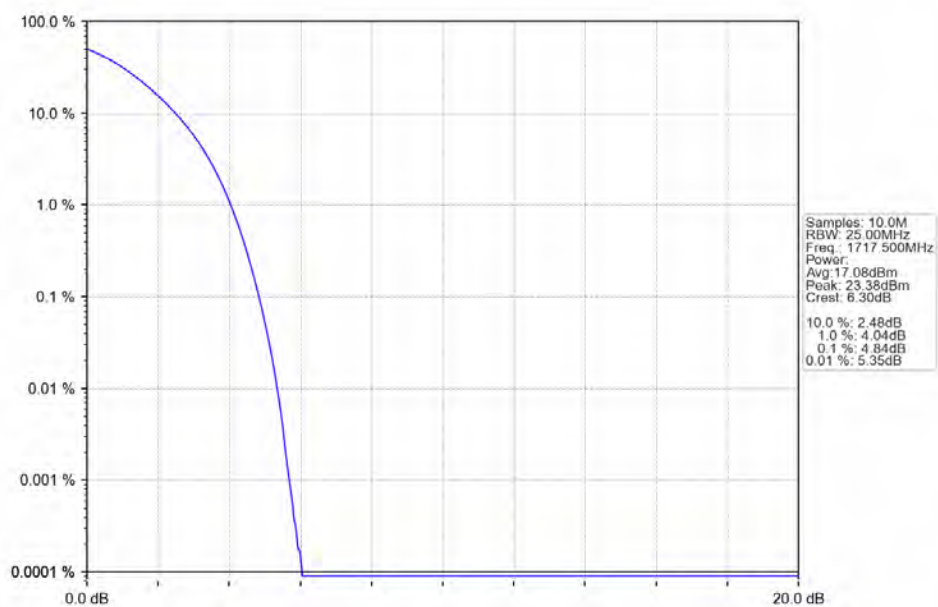
Band66_15MHz_64QAM_MCH_1745MHz_RB_75_0_NTNV



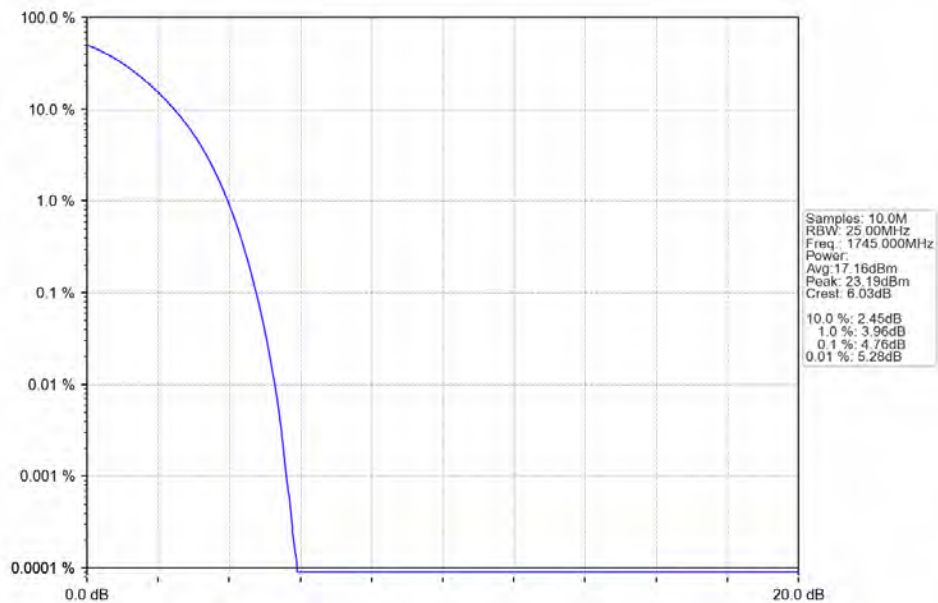
Band66_15MHz_64QAM_HCH_1772.5MHz_RB_75_0_NTNV



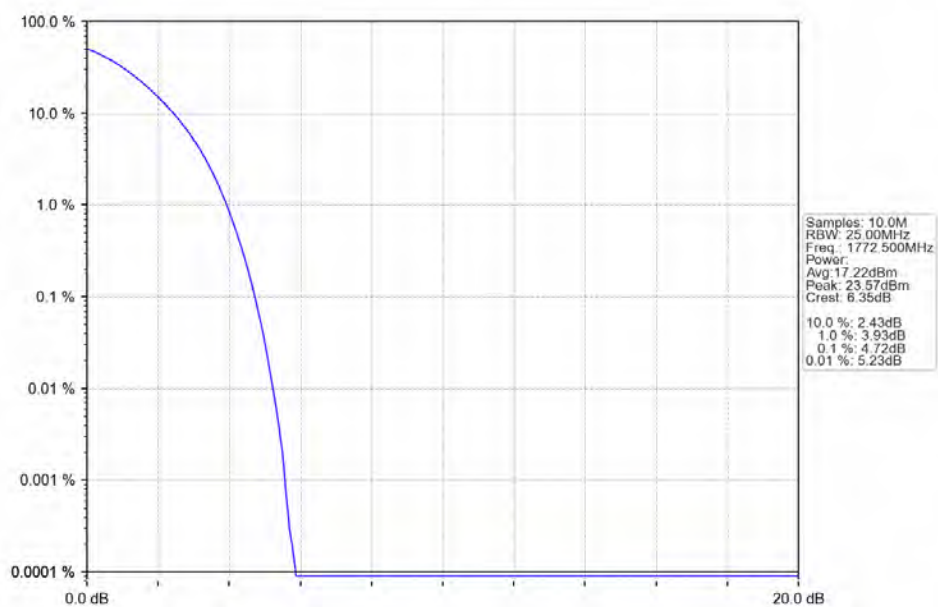
Band66_15MHz_256QAM_LCH_1717.5MHz_RB_75_0_NTNV



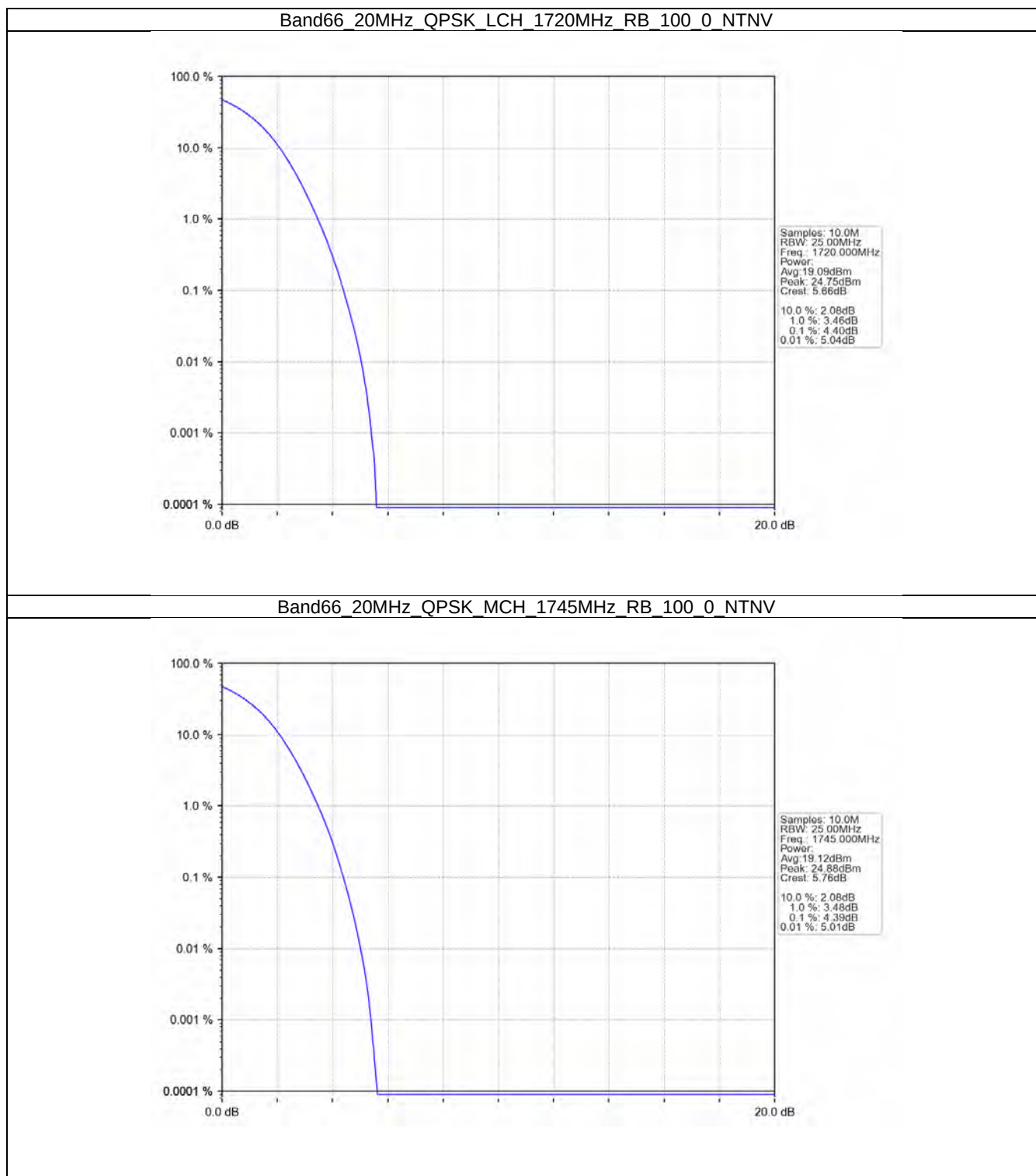
Band66_15MHz_256QAM_MCH_1745MHz_RB_75_0_NTNV



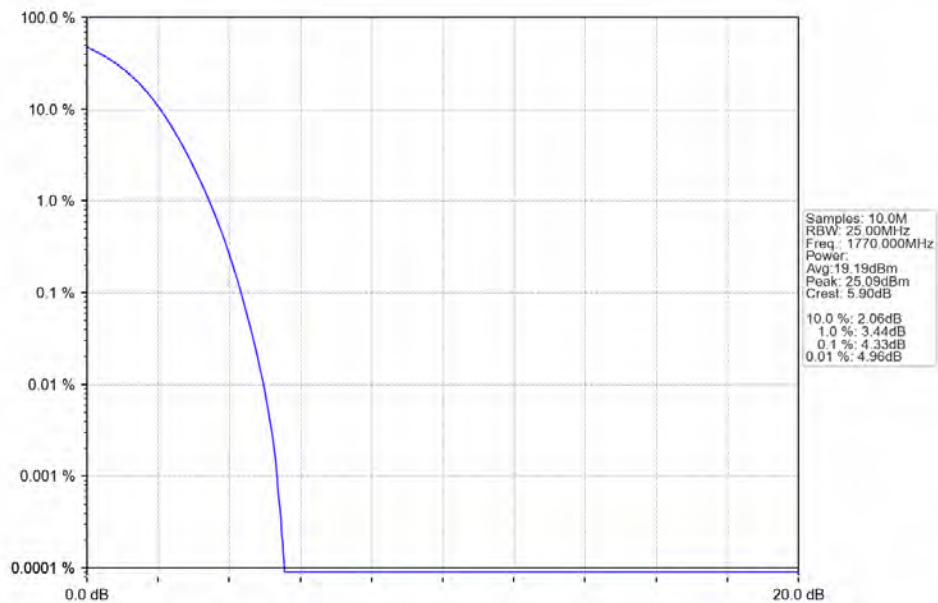
Band66_15MHz_256QAM_HCH_1772.5MHz_RB_75_0_NTNV



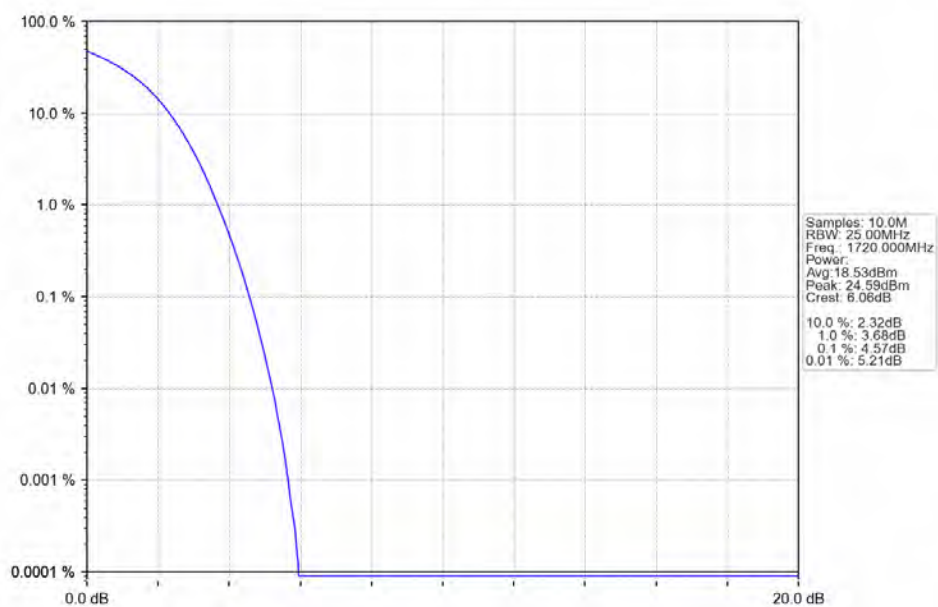
4.2.6 B66_20MHz



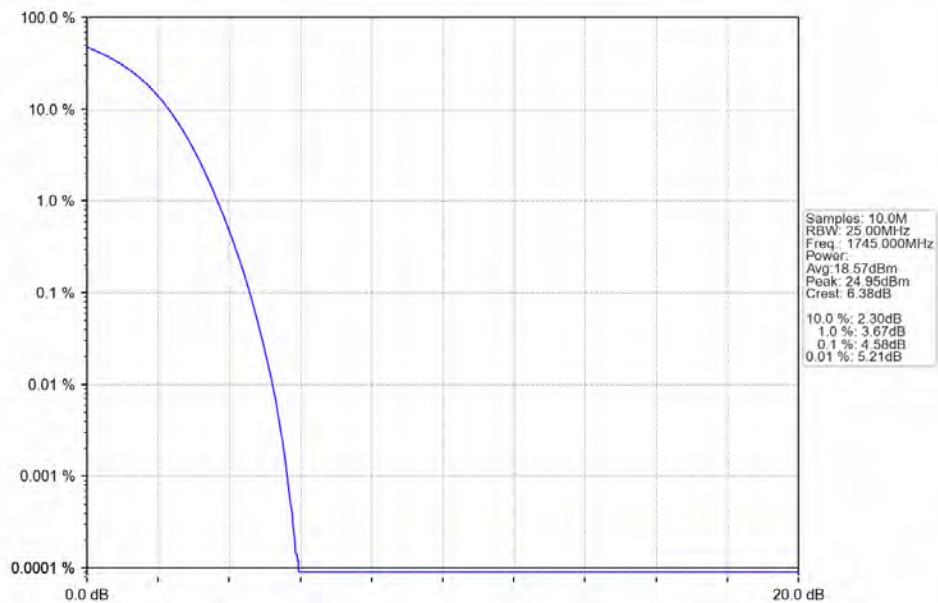
Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTV



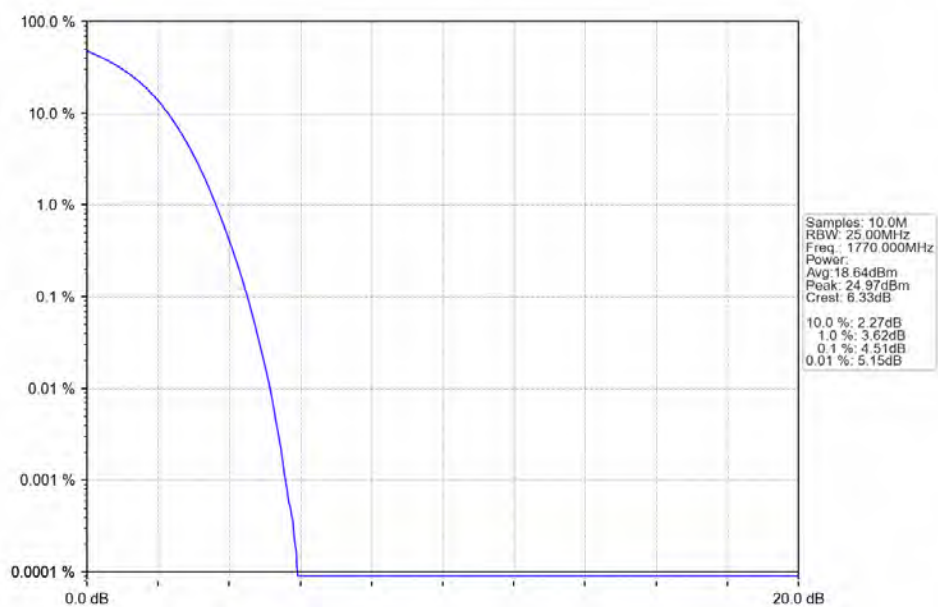
Band66 20MHz 16QAM LCH 1720MHz RB 100 0 NTV



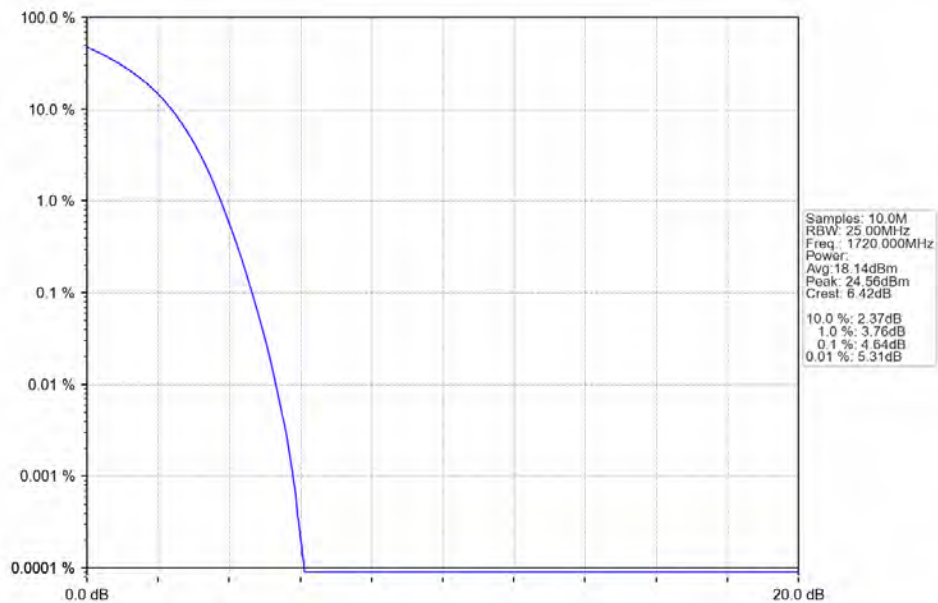
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



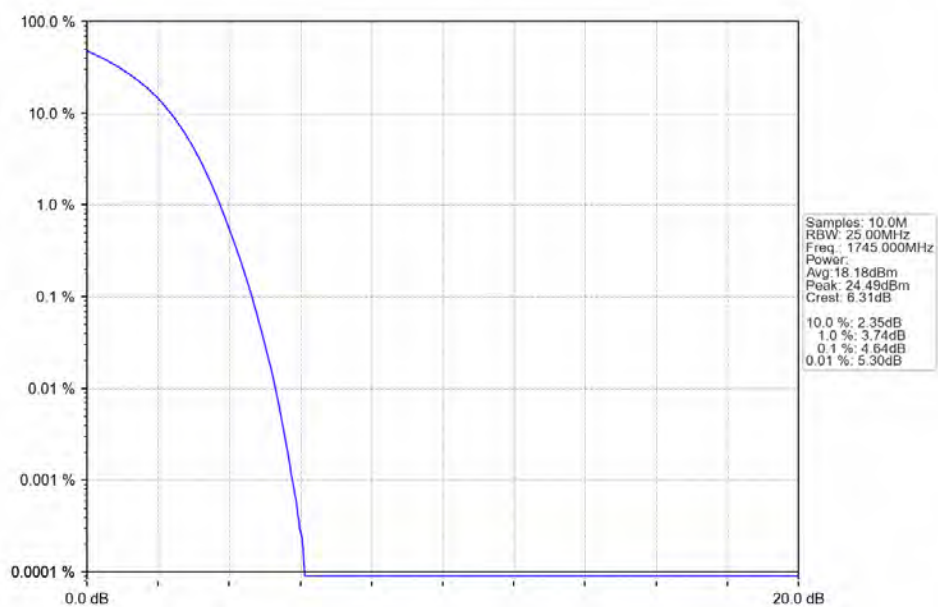
Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



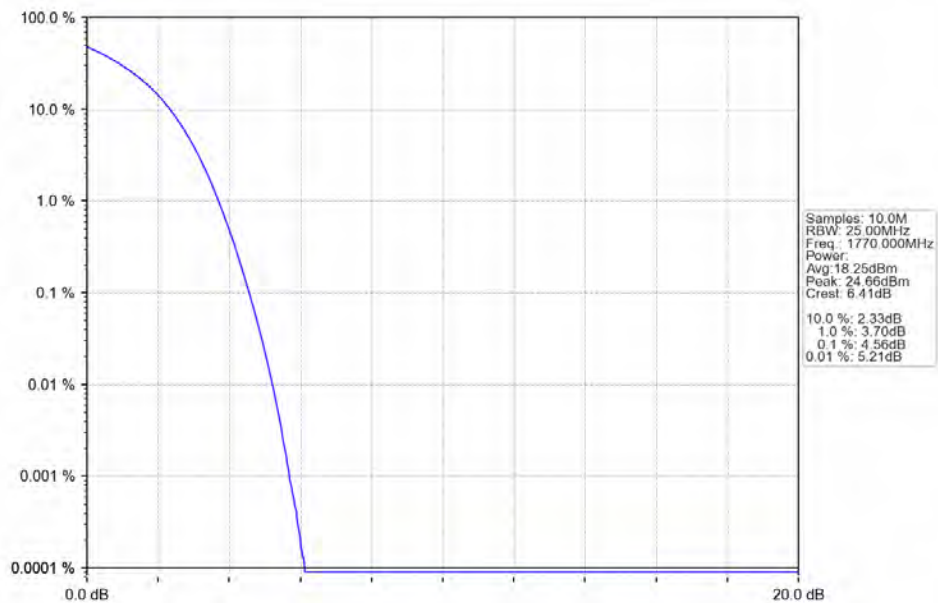
Band66_20MHz_64QAM_LCH_1720MHz_RB_100_0_NTNV



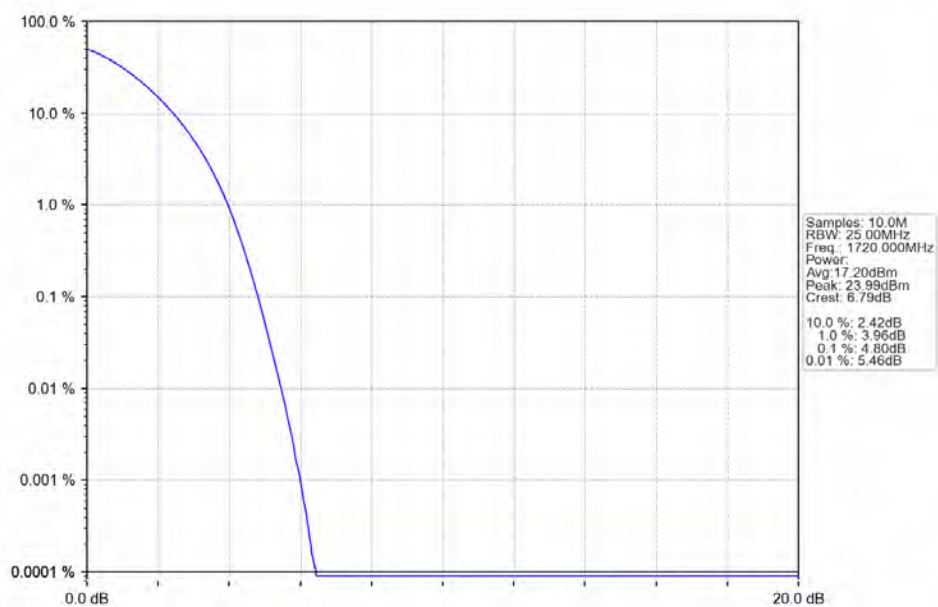
Band66_20MHz_64QAM_MCH_1745MHz_RB_100_0_NTNV



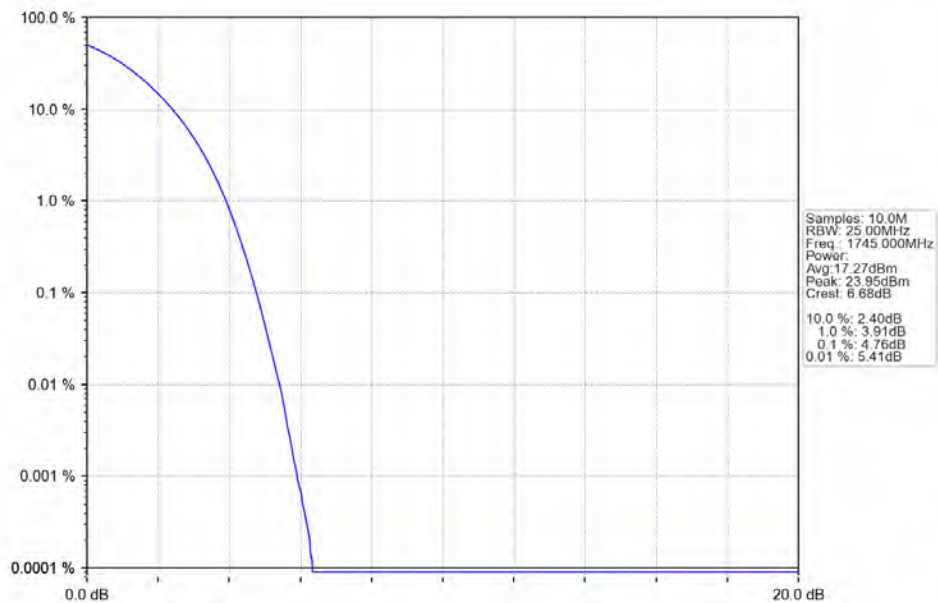
Band66_20MHz_64QAM_HCH_1770MHz_RB_100_0_NTNV



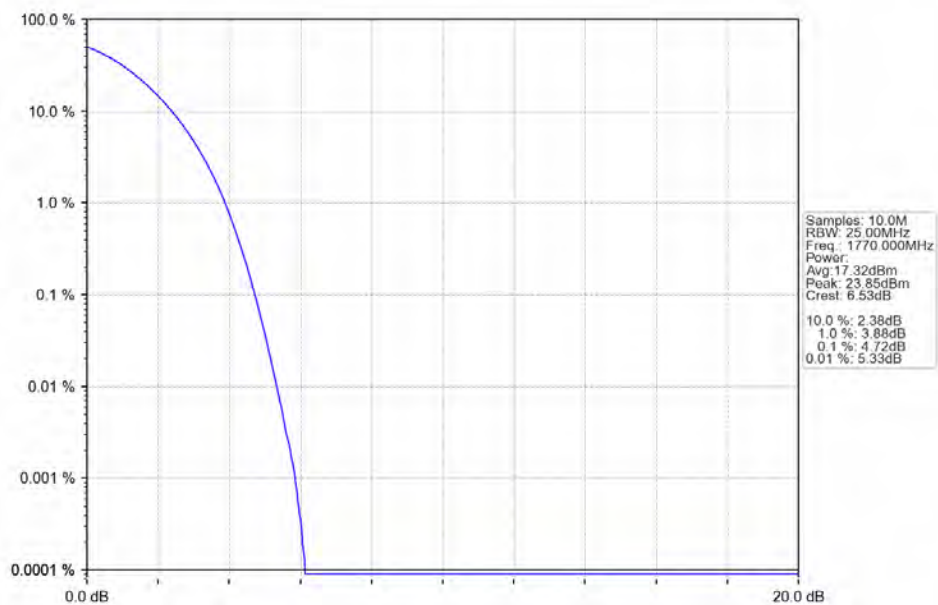
Band66_20MHz_256QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_256QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_256QAM_HCH_1770MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / 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
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B66_3MHz

Band: 66 / 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
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B66_5MHz

Band: 66 / 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
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B66_10MHz

Band: 66 / 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
	1745	1	0	Refer To Test Graph		Pass
	1775	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.5 B66_15MHz

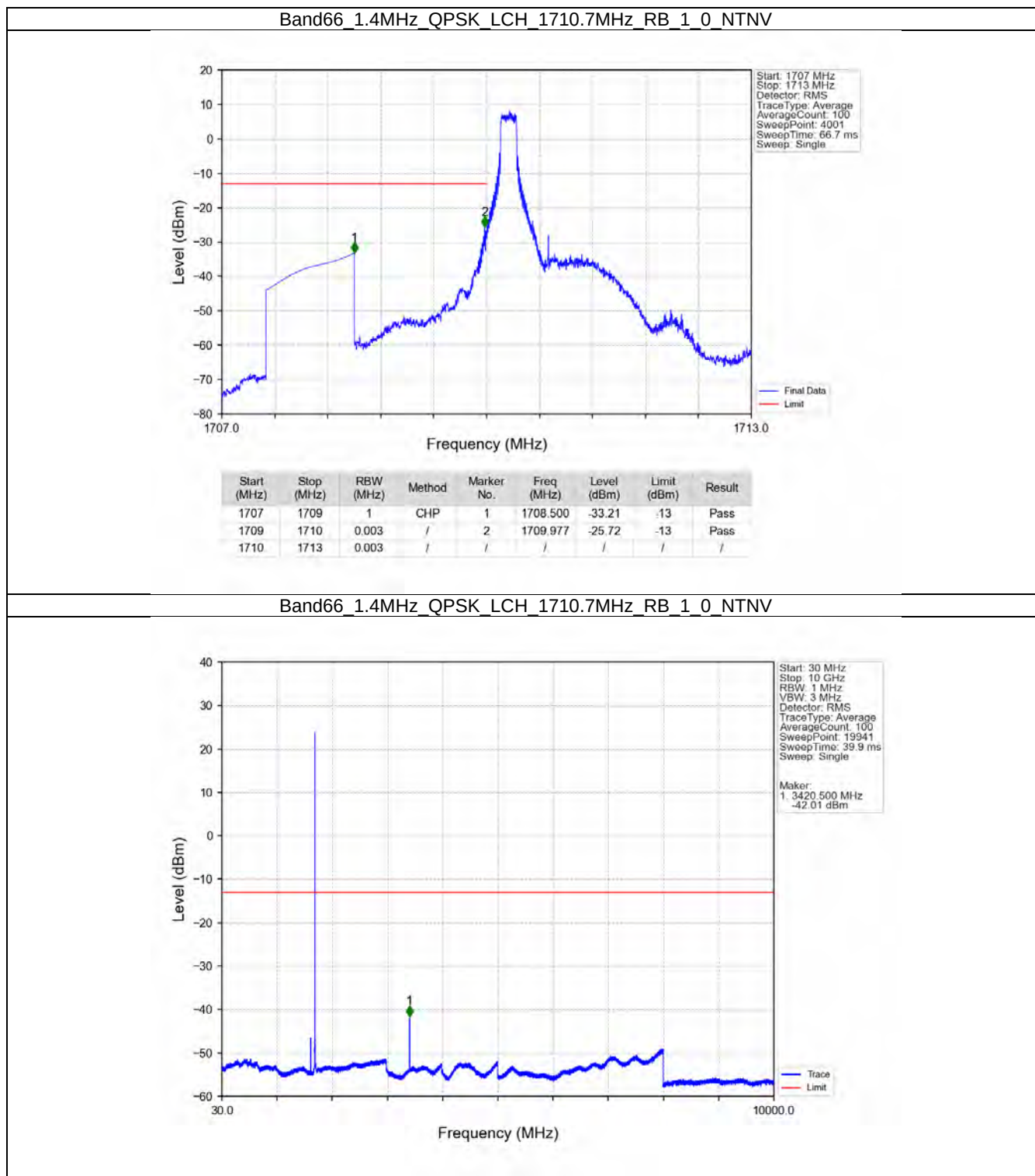
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.6 B66_20MHz

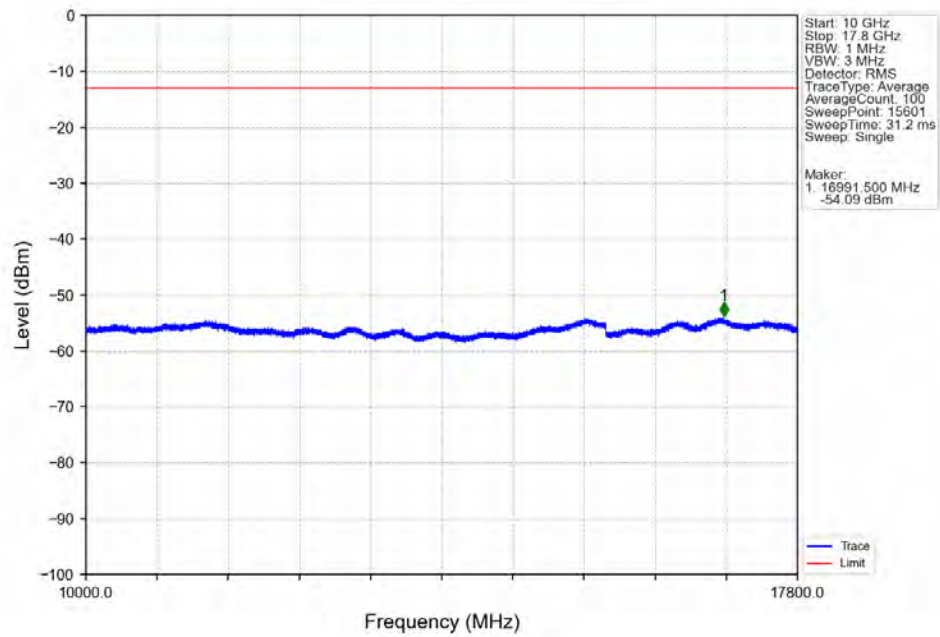
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

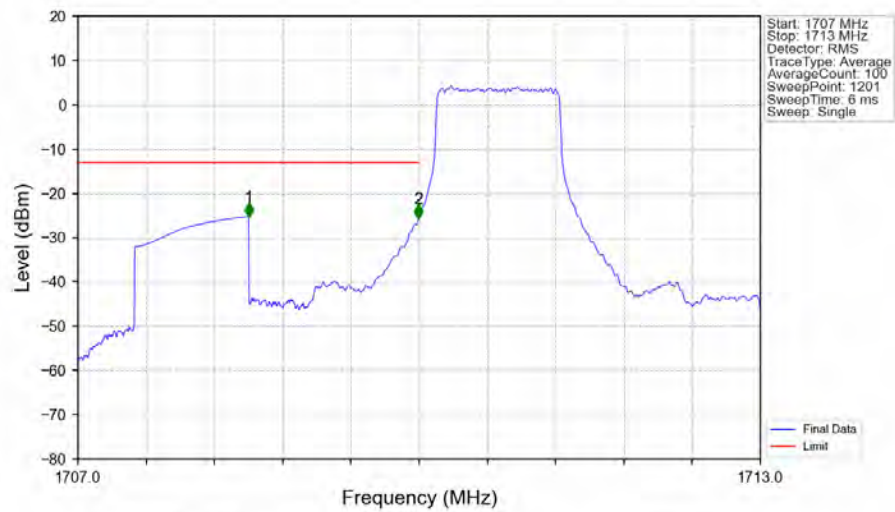
5.2.1 B66_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV

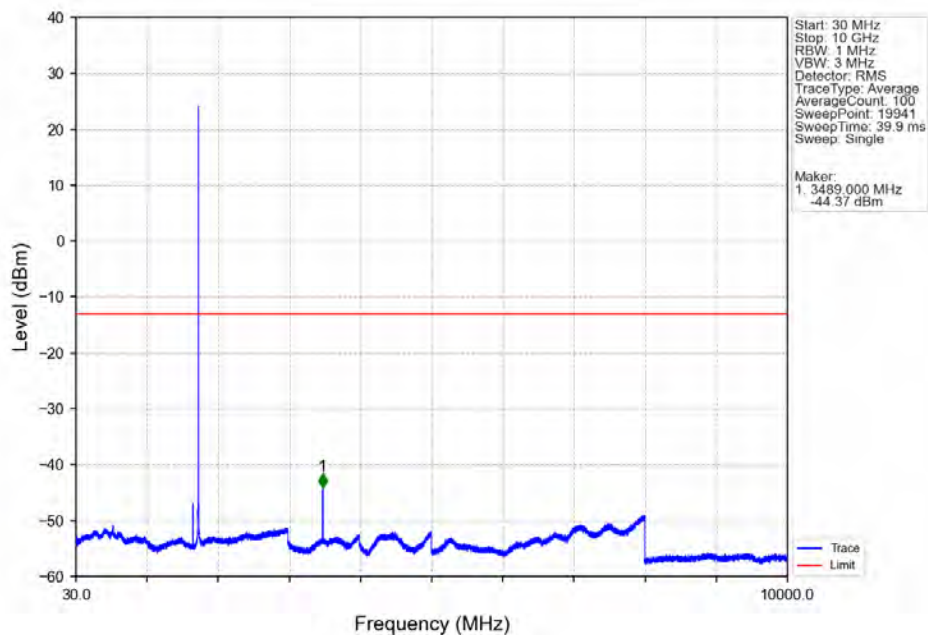


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV

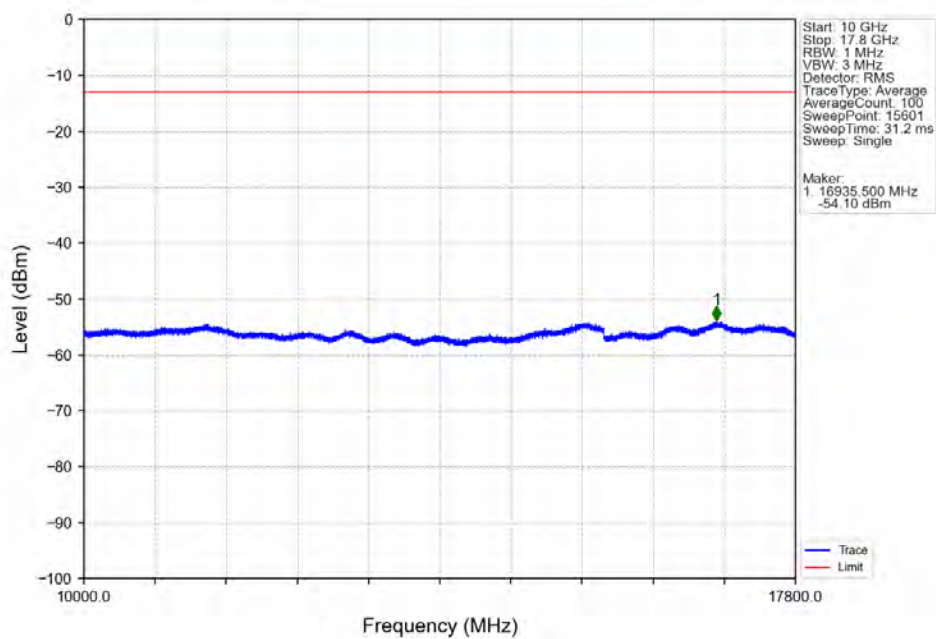


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-25.23	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-25.75	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

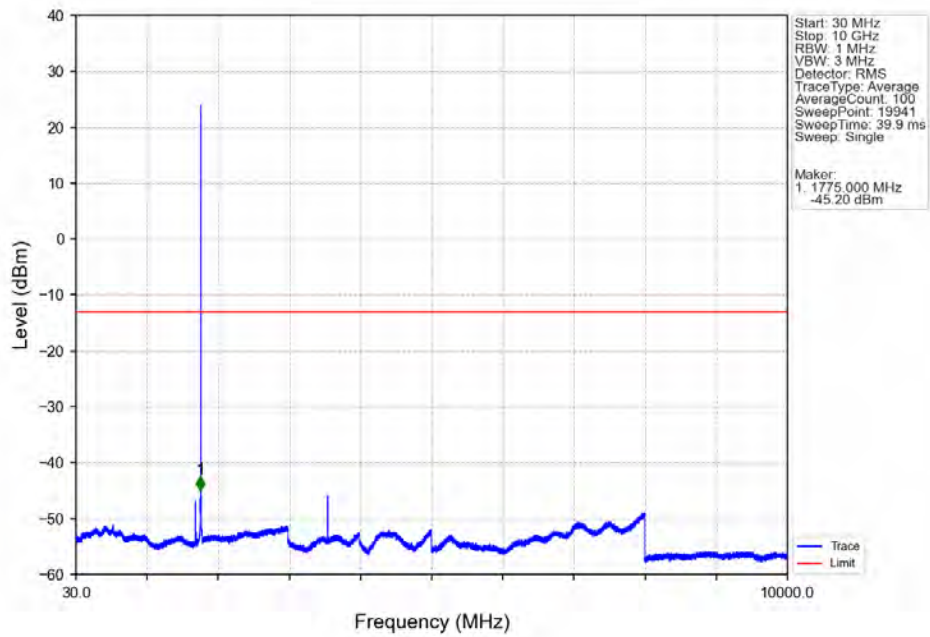
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



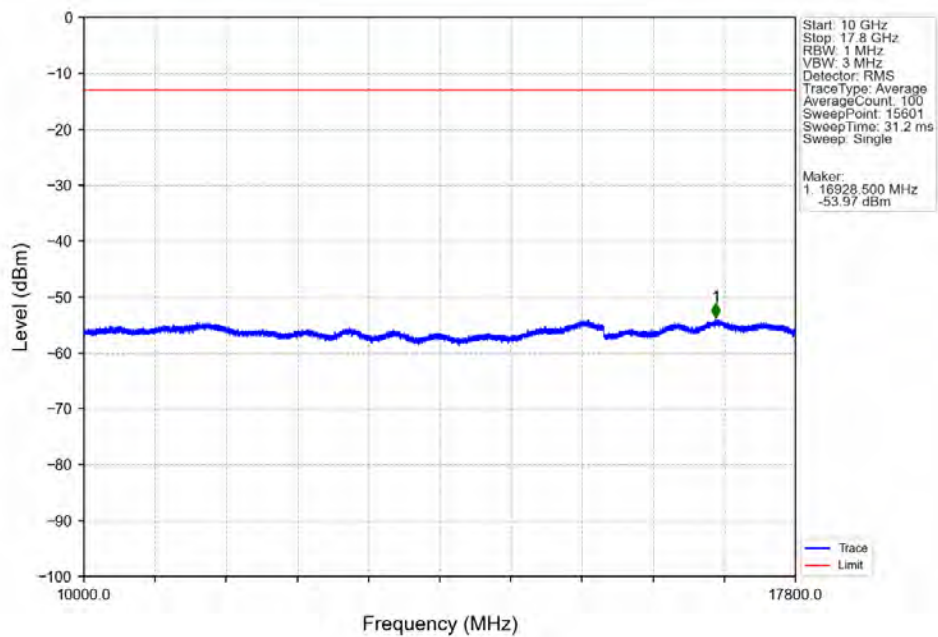
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



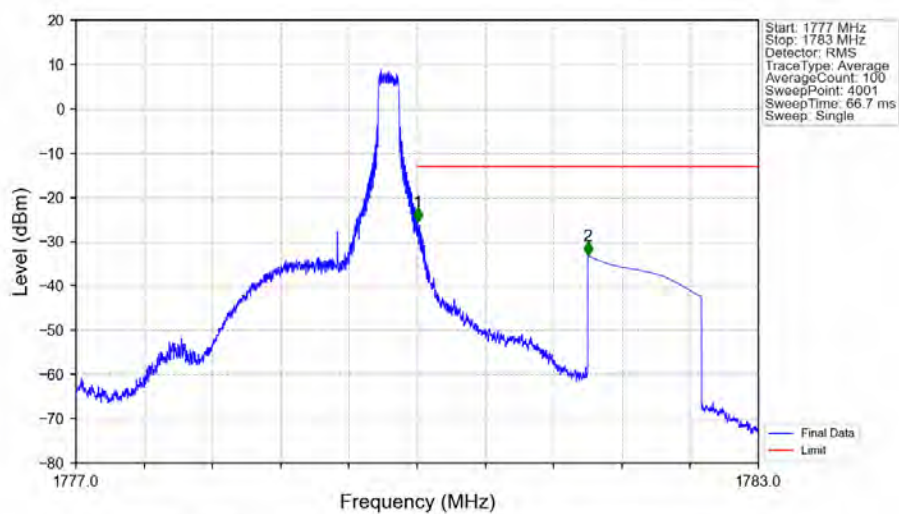
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV

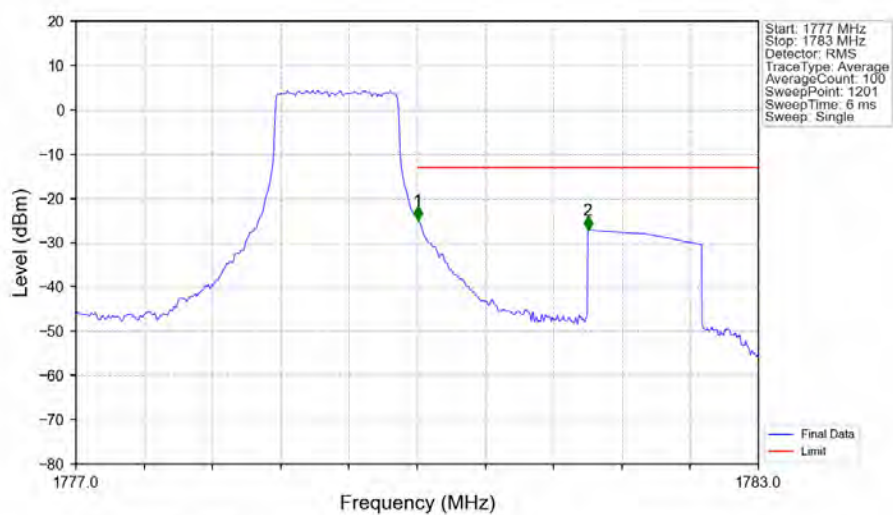


Band66 1.4MHz QPSK HCH 1779.3MHz RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-25.53	-13	Pass
1781	1783	1	CHP	2	1781.500	-33.11	-13	Pass

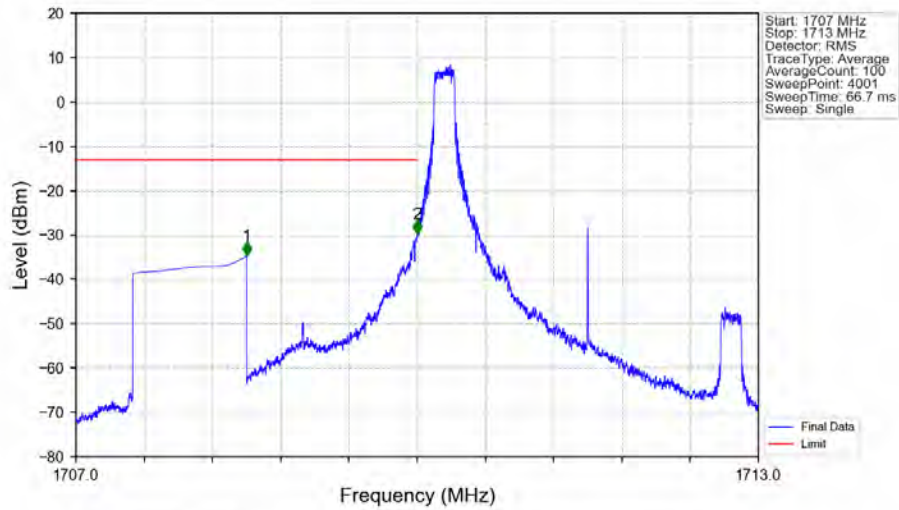
Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN



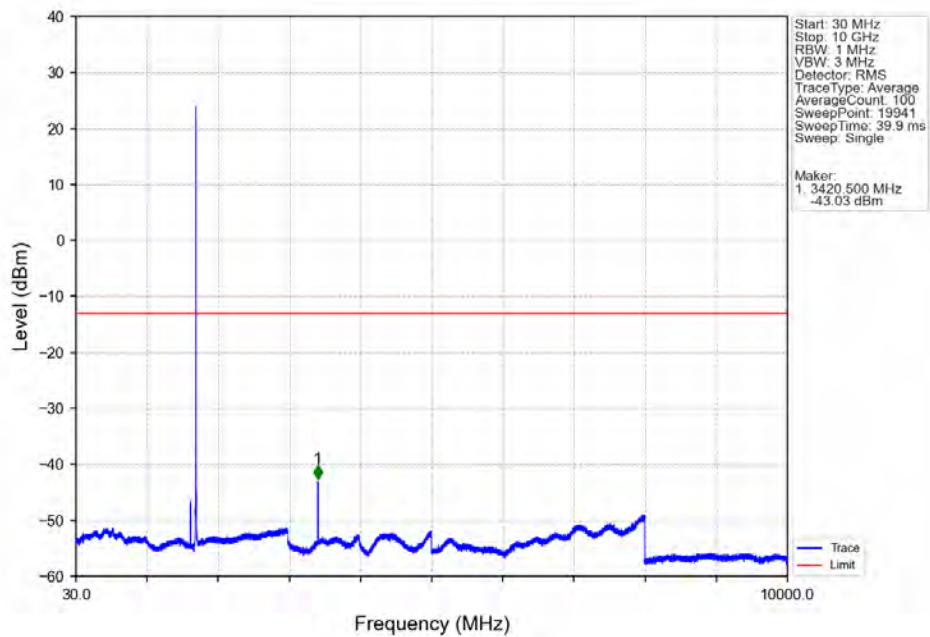
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.013	CHP	/	/	/	/	/
1780	1781	0.013	CHP	1	1780.005	-24.85	-13	Pass
1781	1783	1	CHP	2	1781.500	-27.11	-13	Pass

5.2.2 B66_3MHz

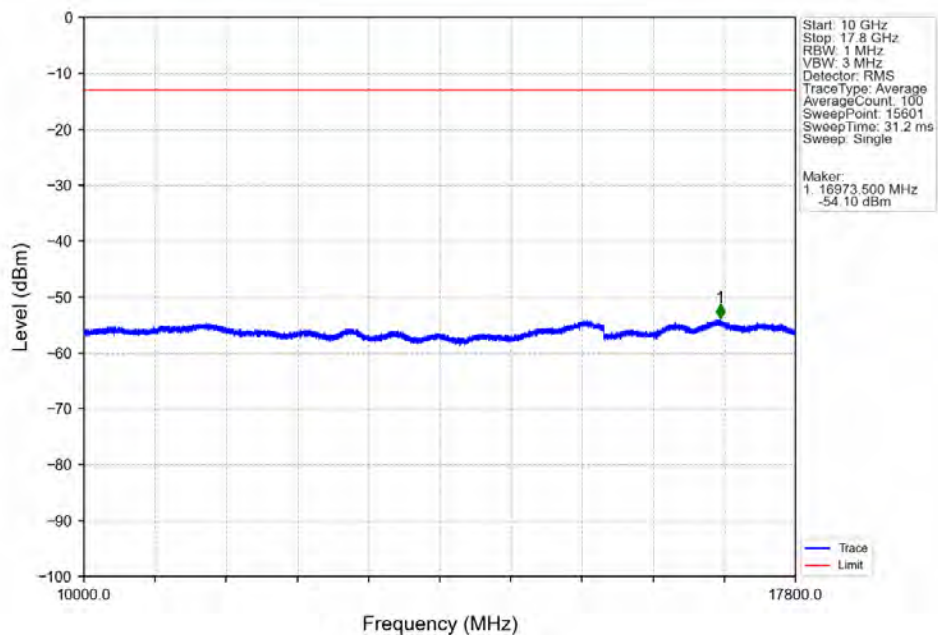
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



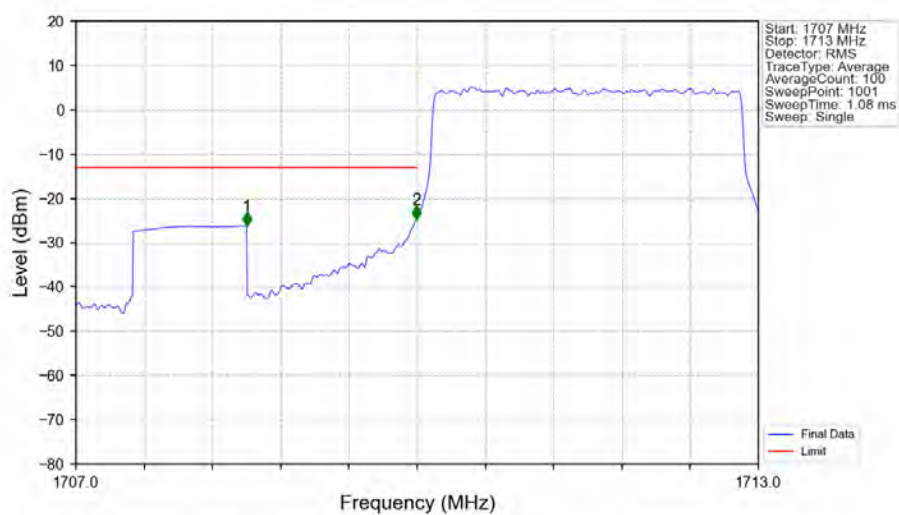
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

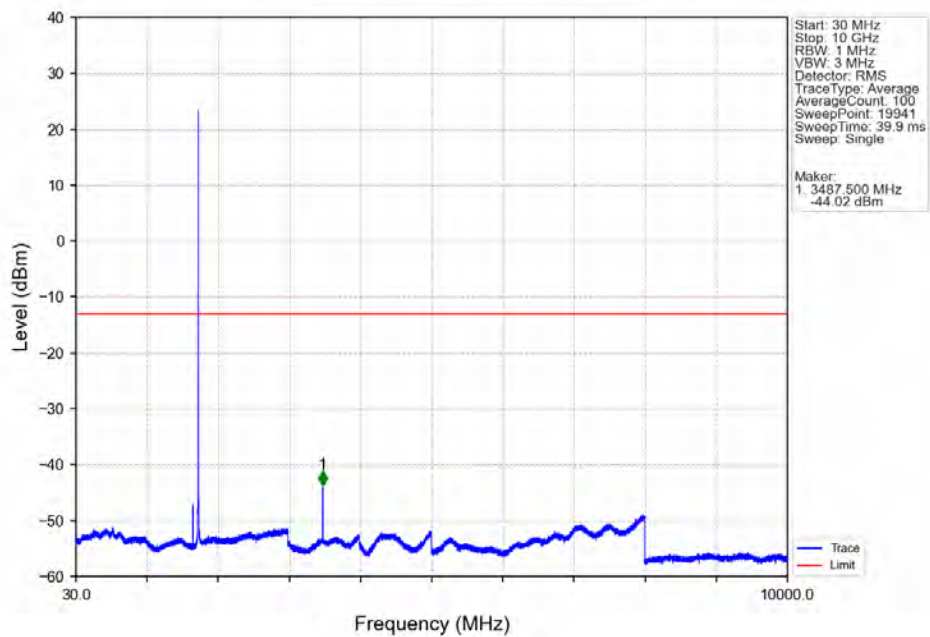


Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

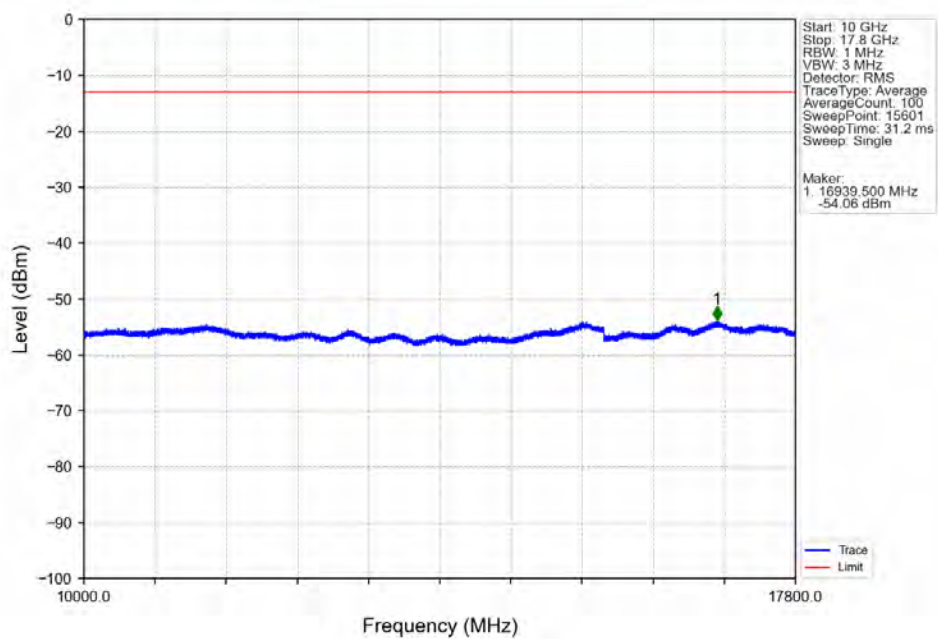


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.20	-13	Pass
1709	1710	0.03	/	2	1709.994	-24.71	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

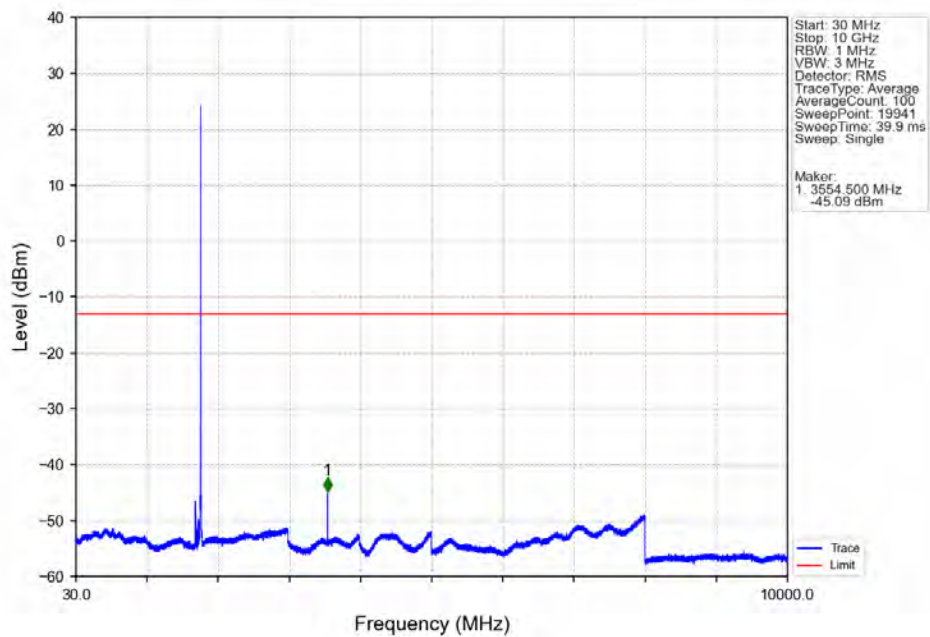
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



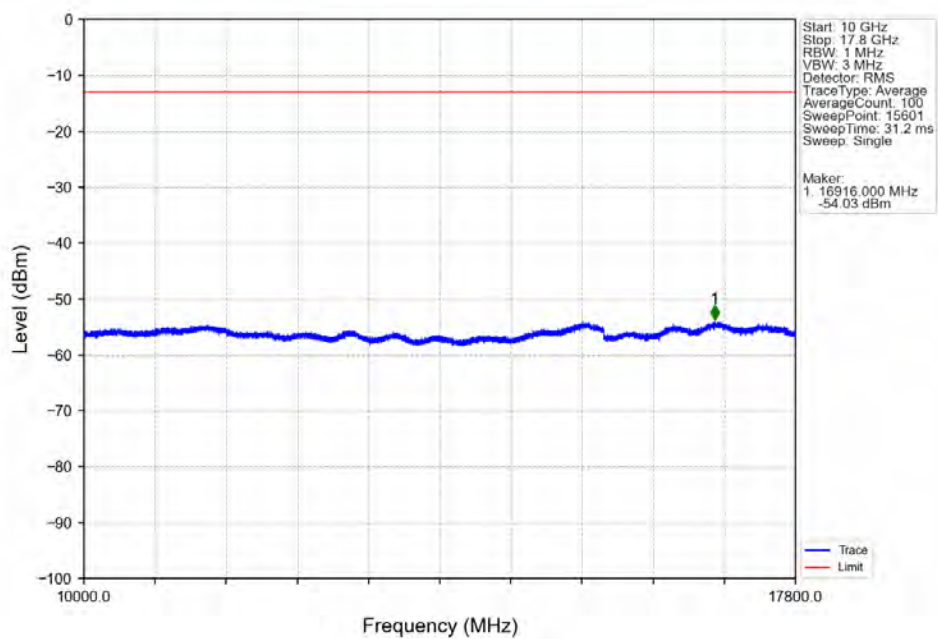
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



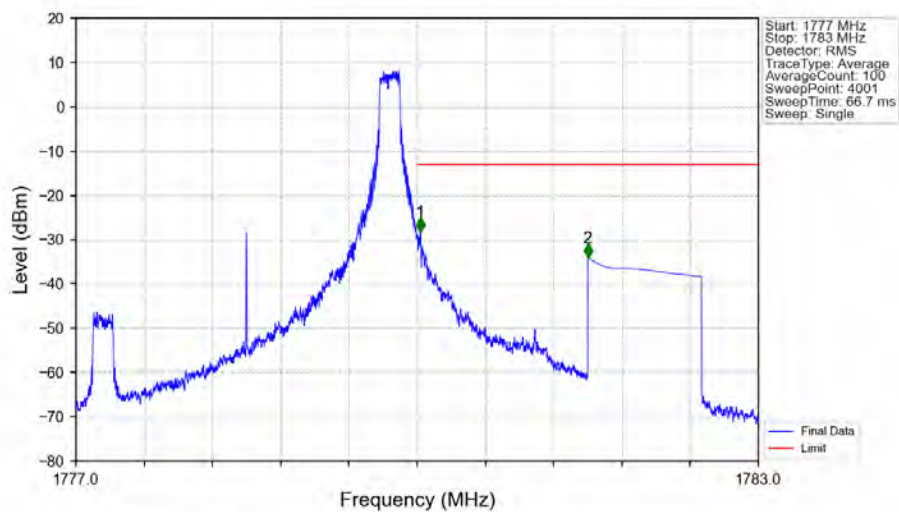
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV

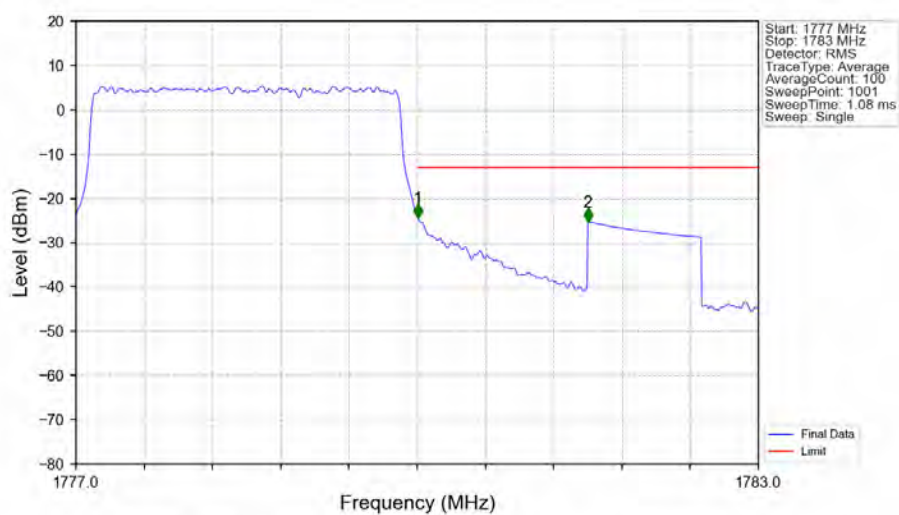


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.028	-28.14	-13	Pass
1781	1783	1	CHP	2	1781.500	-34.12	-13	Pass

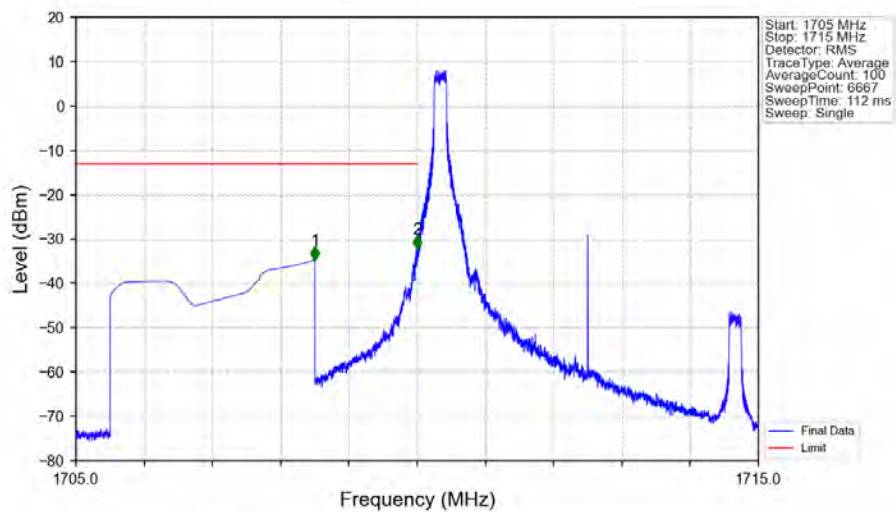
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.006	-24.46	-13	Pass
1781	1783	1	CHP	2	1781.500	-25.25	-13	Pass

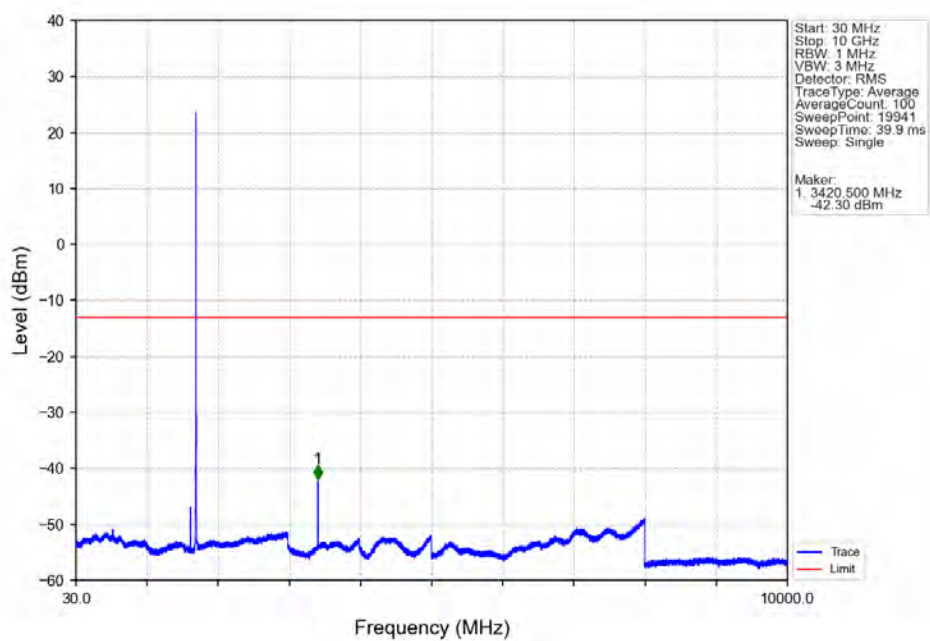
5.2.3 B66_5MHz

Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

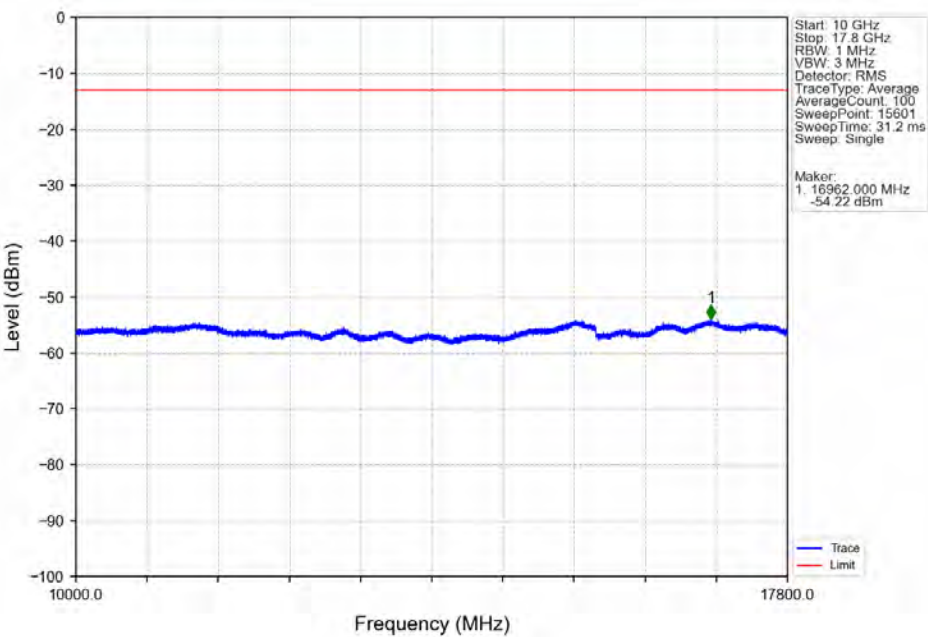


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-34.71	-13	Pass
1709	1710	0.003	/	2	1709.998	-32.22	-13	Pass
1710	1715	0.003	/	/	/	/	/	/

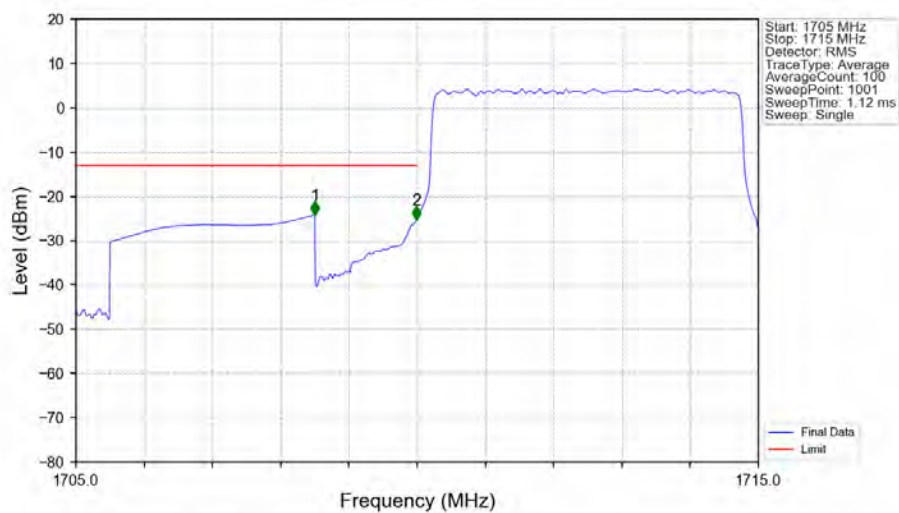
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

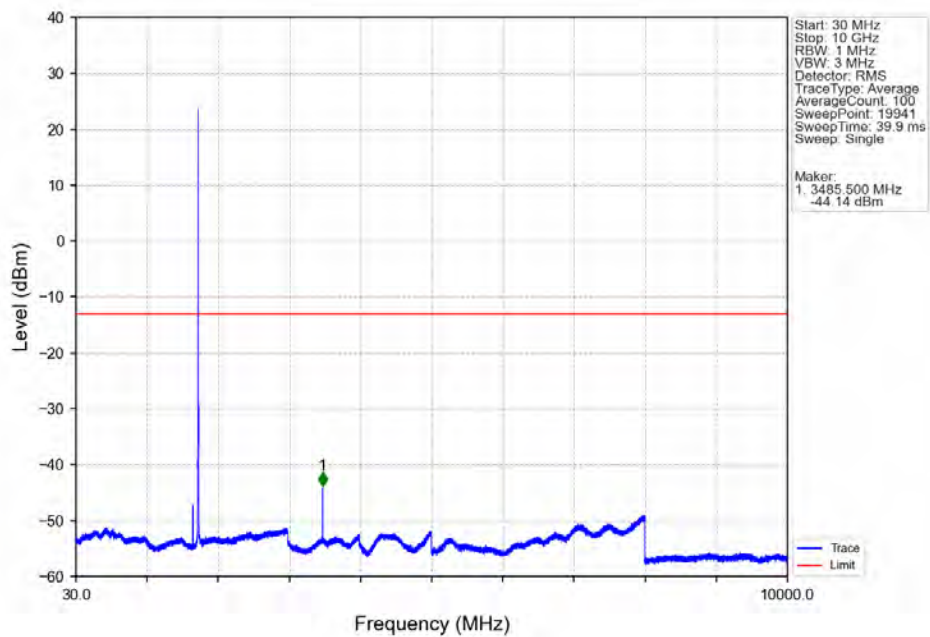


Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

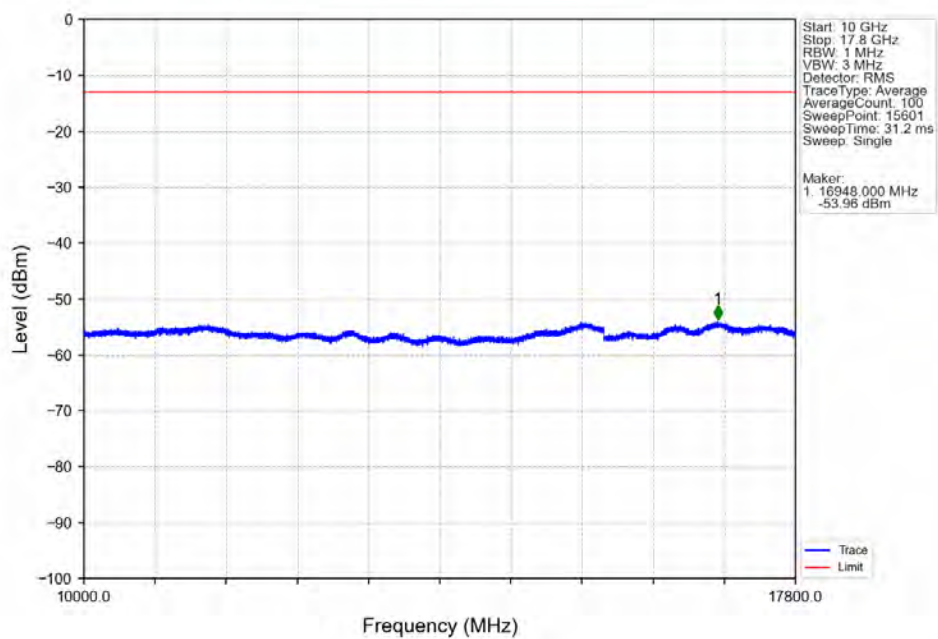


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-24.17	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-25.38	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

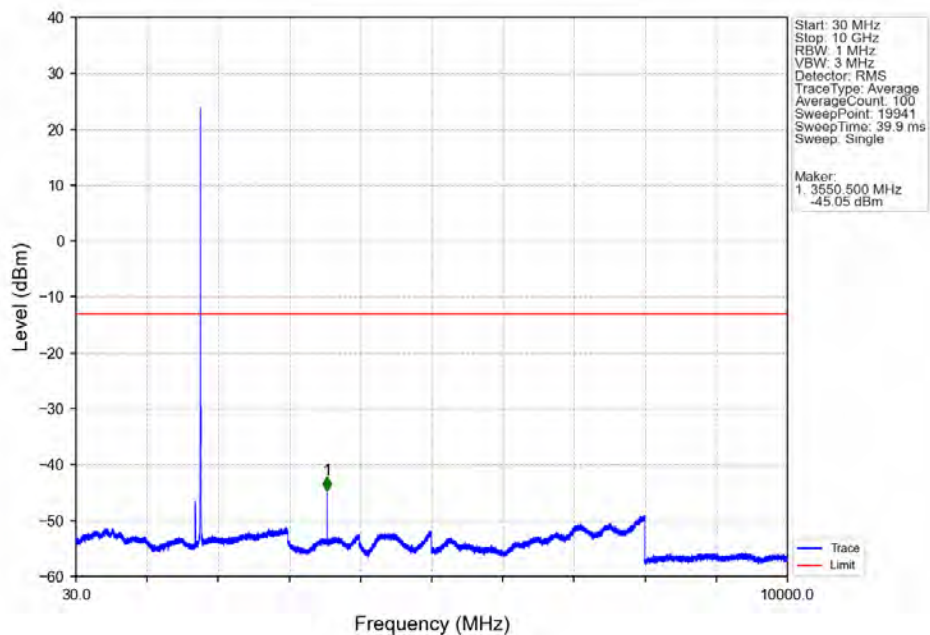
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



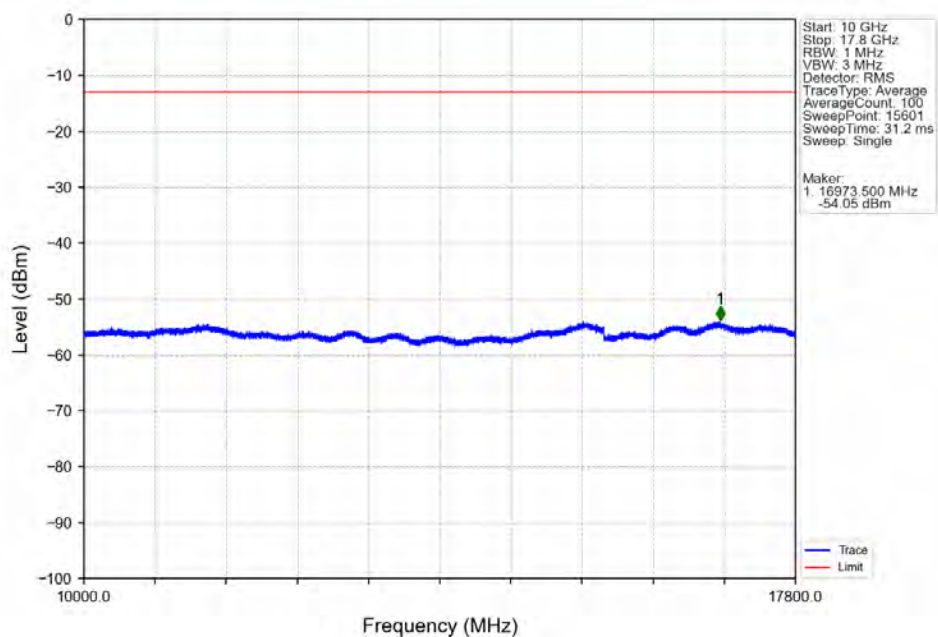
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



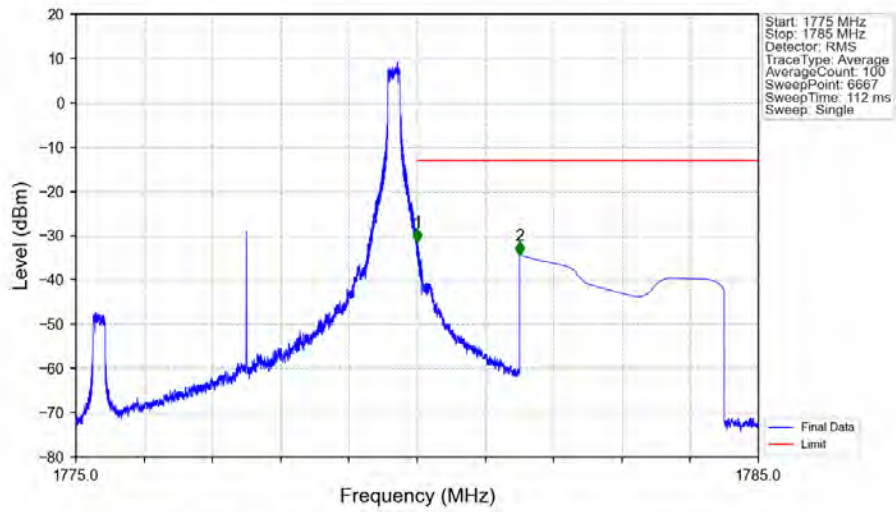
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV

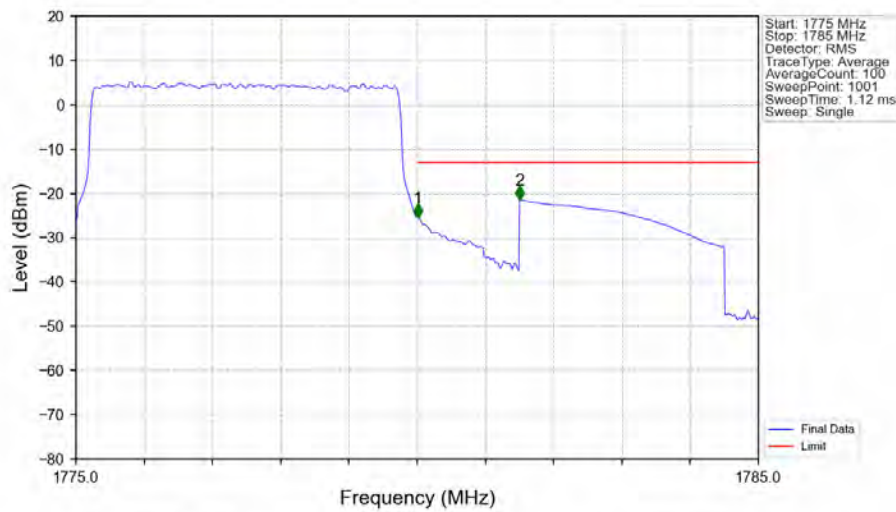


Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-31.51	-13	Pass
1781	1785	1	CHP	2	1781.500	-34.35	-13	Pass

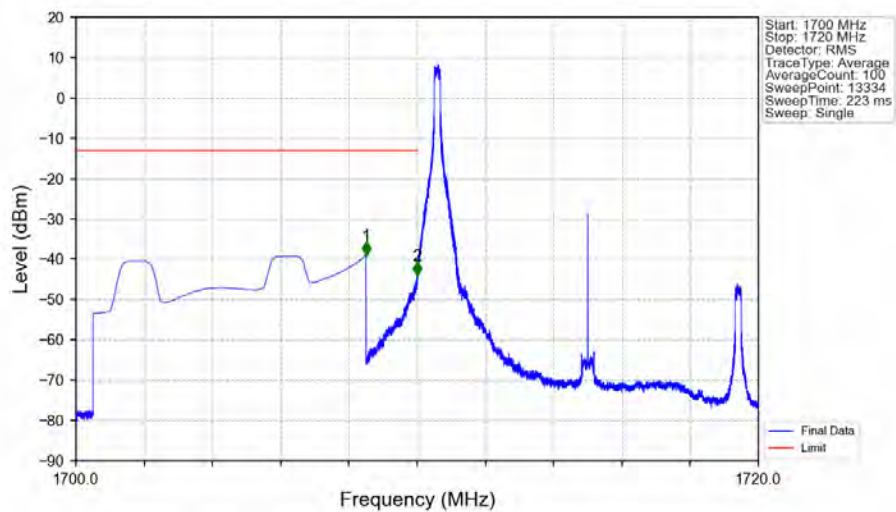
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	CHP	/	/	/	/	/
1780	1781	0.051	CHP	1	1780.010	-25.40	-13	Pass
1781	1785	1	CHP	2	1781.500	-21.44	-13	Pass

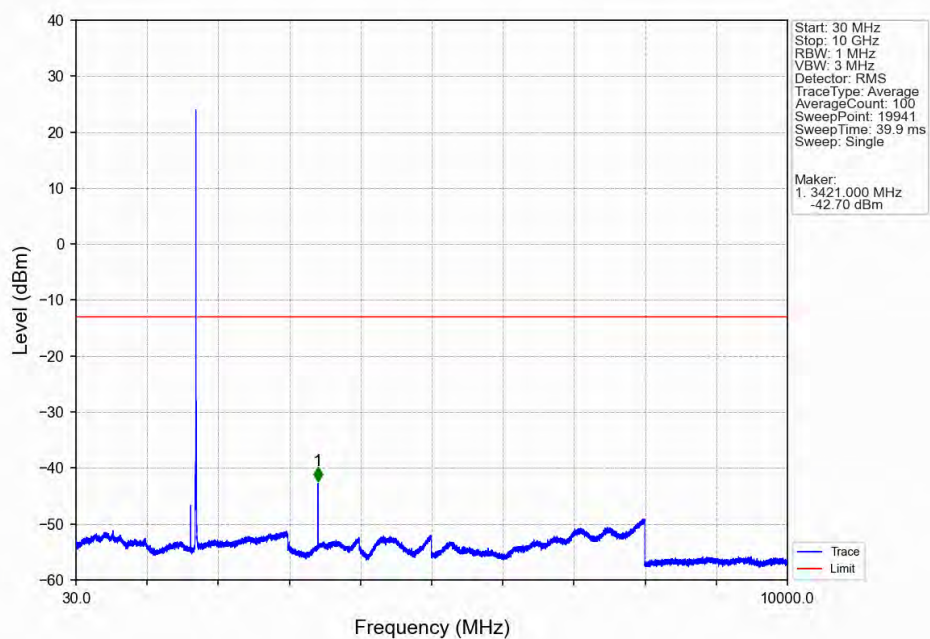
5.2.4 B66_10MHz

Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

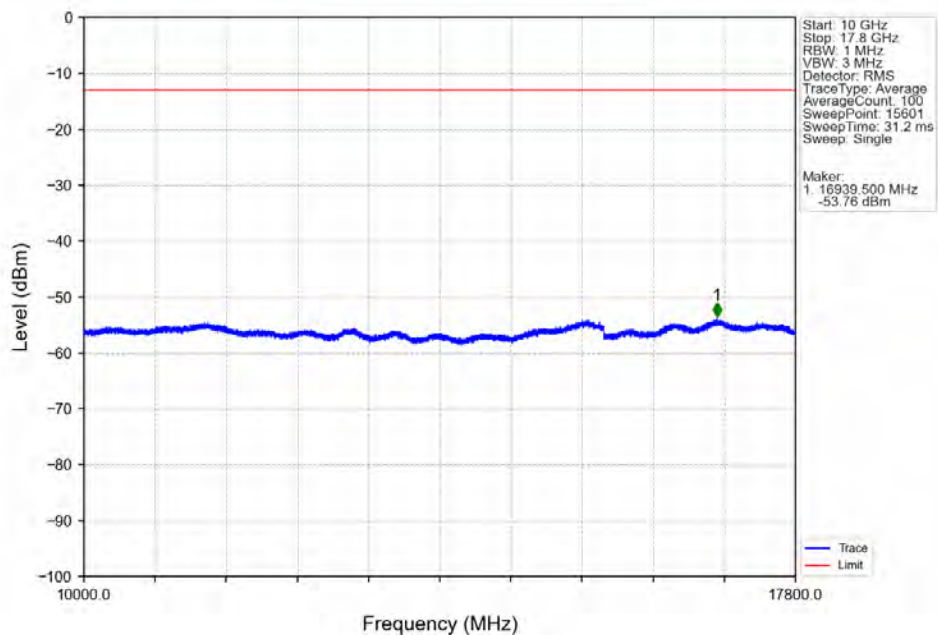


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.499	-39.01	-13	Pass
1709	1710	0.003	/	2	1709.996	-44.13	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

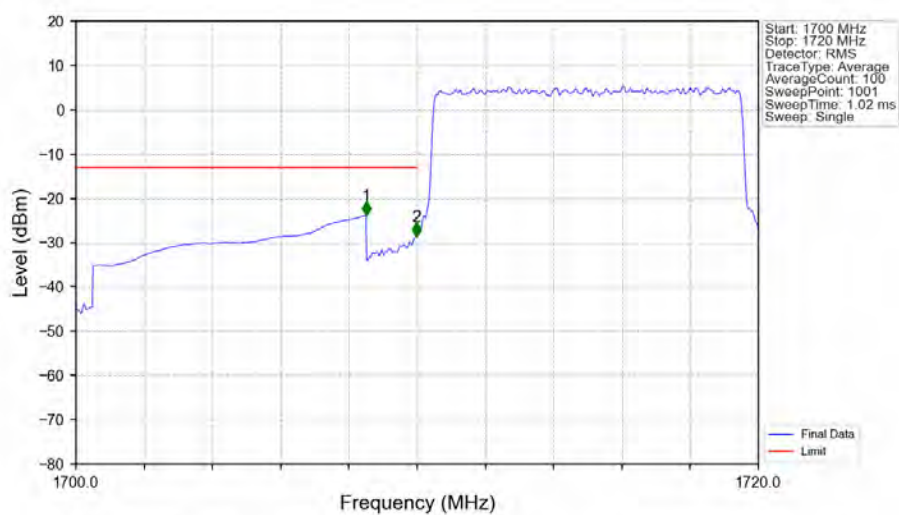
Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

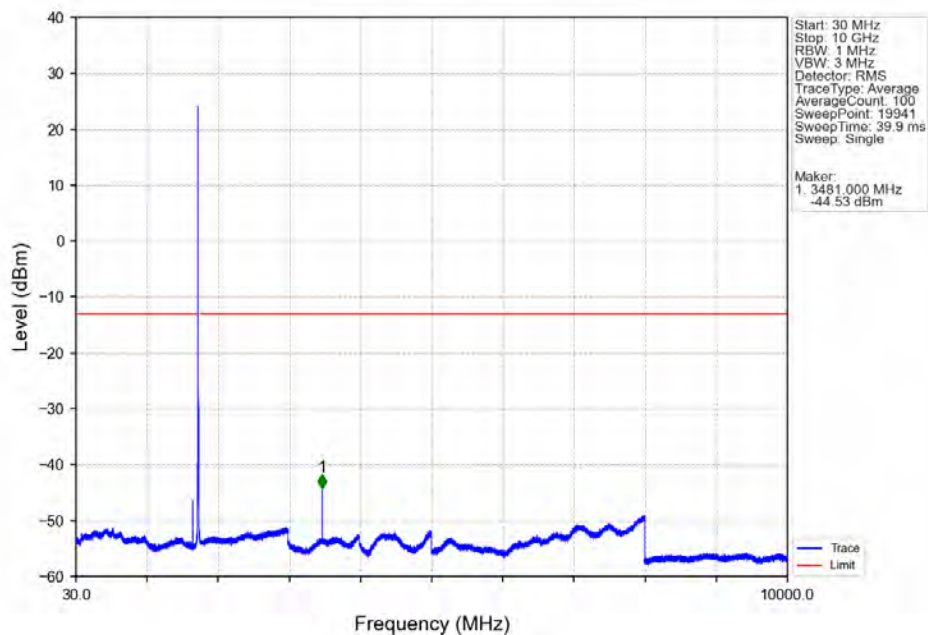


Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

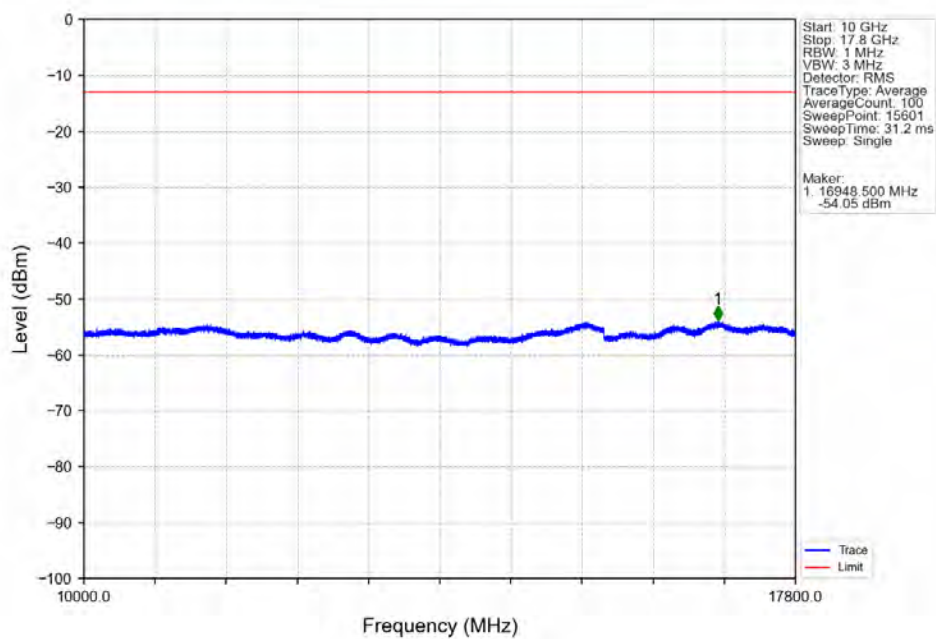


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-23.76	-13	Pass
1709	1710	0.1	/	2	1709.980	-28.59	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

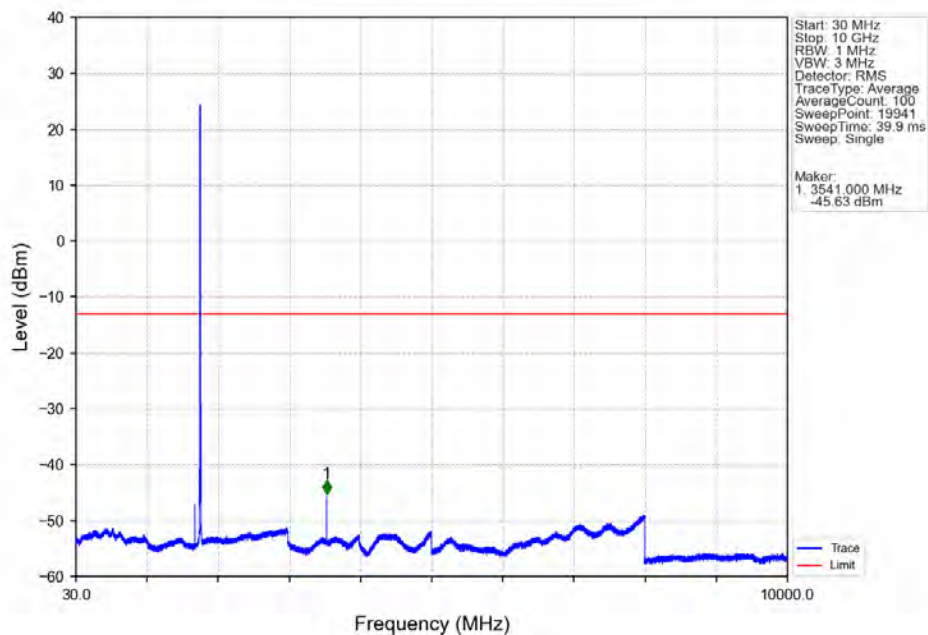
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



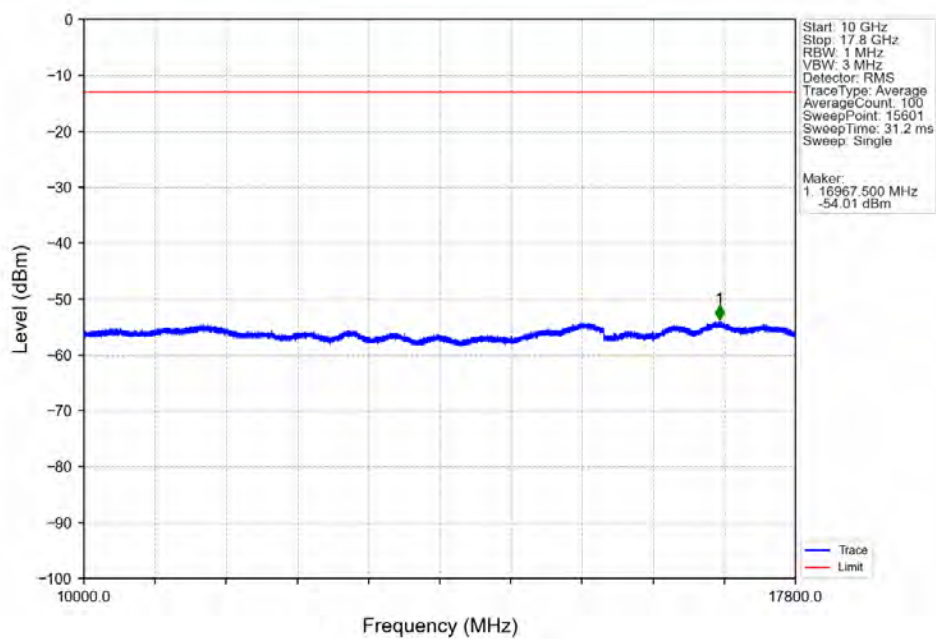
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



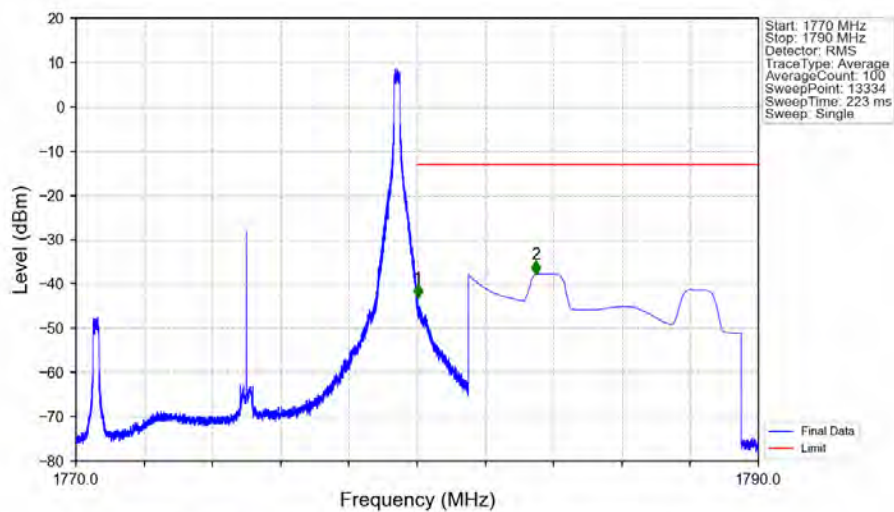
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV



Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV

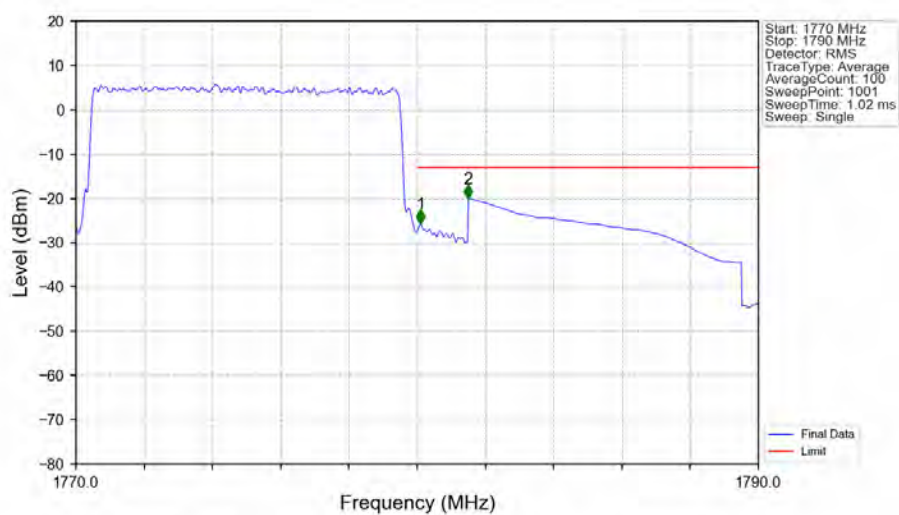


Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.017	-43.07	-13	Pass
1781	1790	1	CHP	2	1783.487	-37.78	-13	Pass

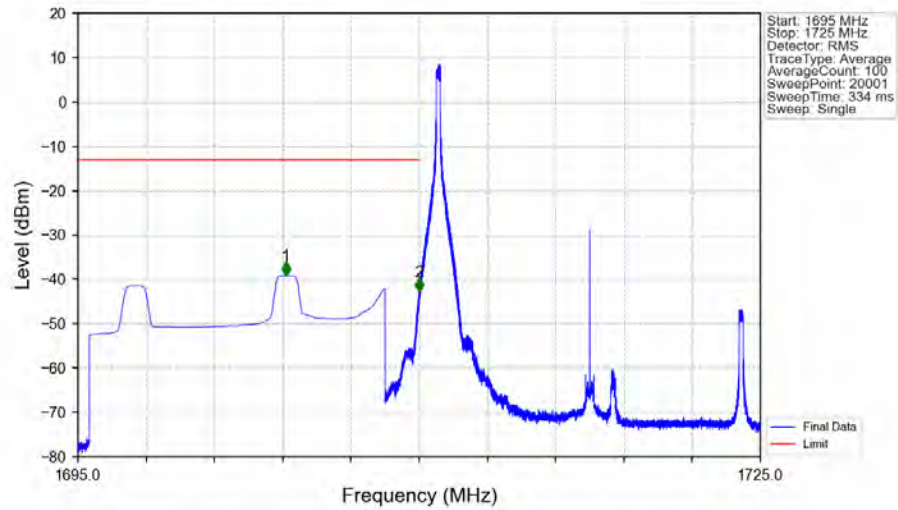
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.1	/	/	/	/	/	/
1780	1781	0.1	/	1	1780.100	-25.71	-13	Pass
1781	1790	1	CHP	2	1781.500	-19.97	-13	Pass

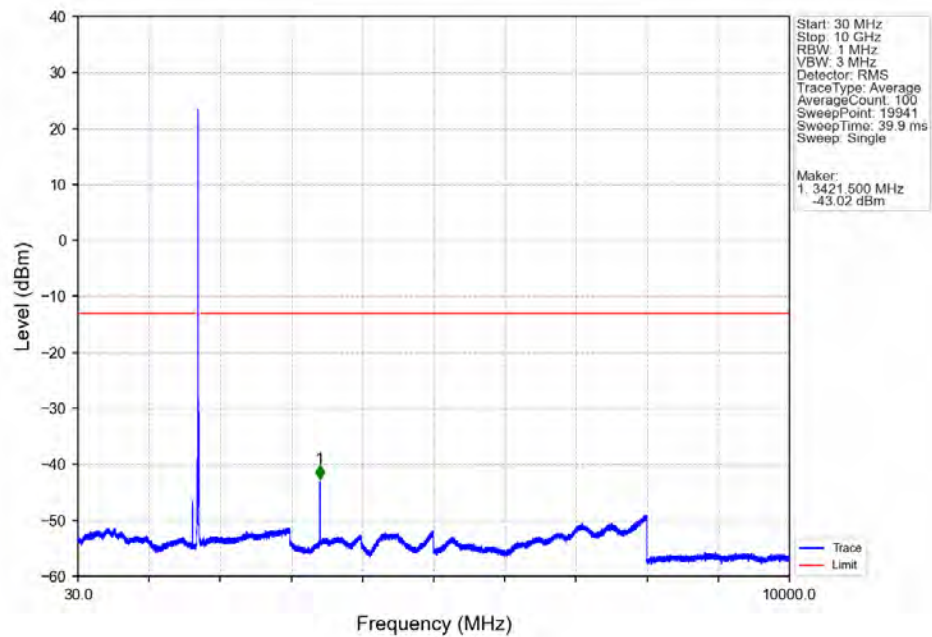
5.2.5 B66_15MHz

Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

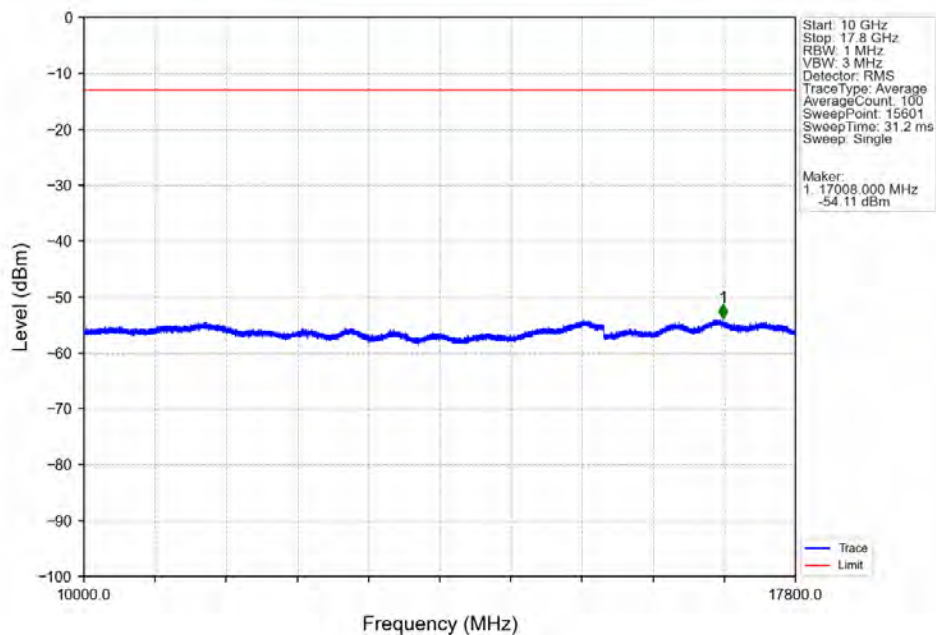


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1704.137	-39.15	-13	Pass
1709	1710	0.003	/	2	1709.995	-42.71	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

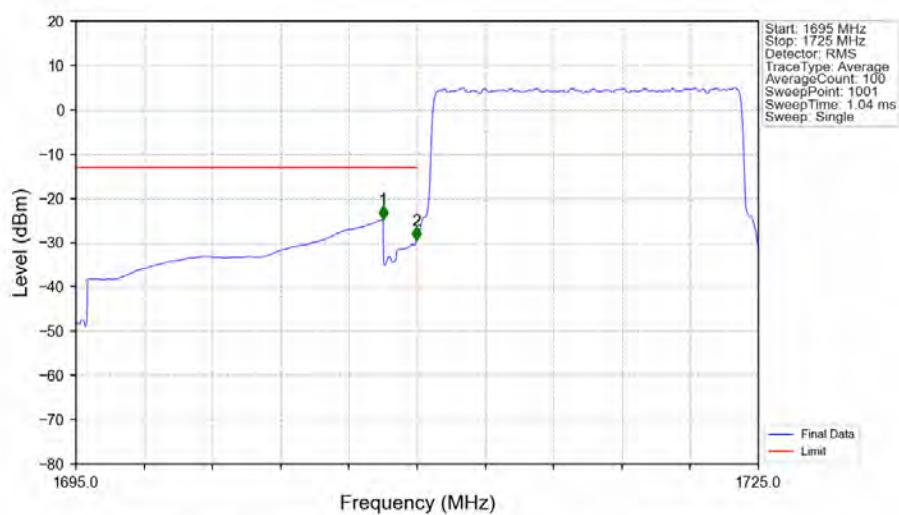
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

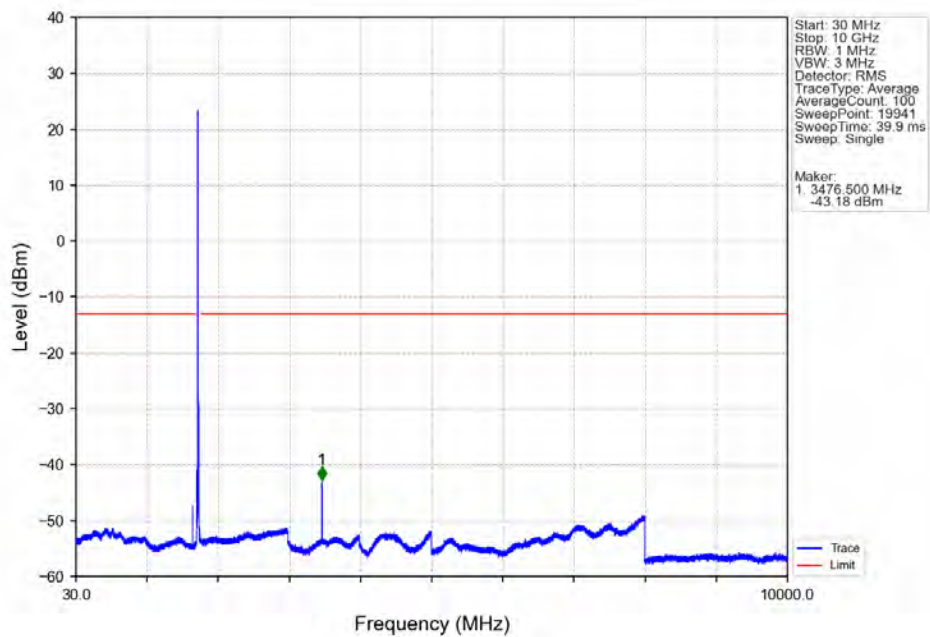


Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

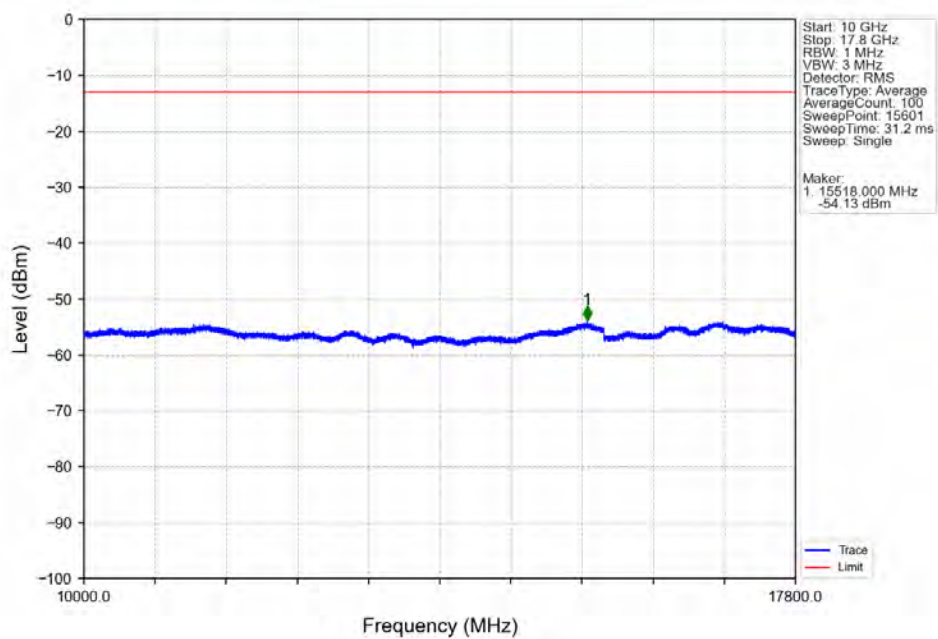


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-24.80	-13	Pass
1709	1710	0.175	CHP	2	1709.970	-29.54	-13	Pass
1710	1725	0.175	CHP	/	/	/	/	/

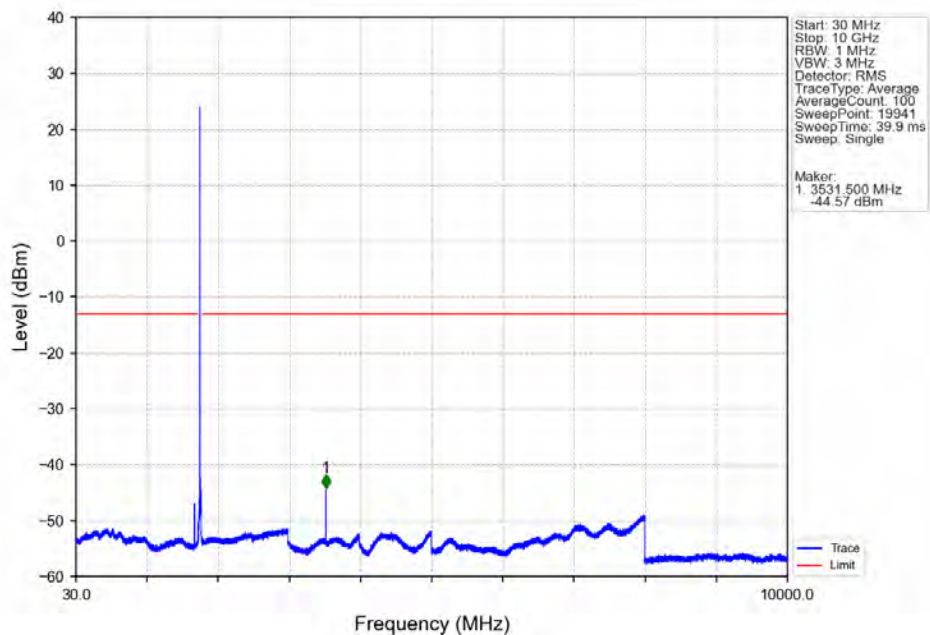
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



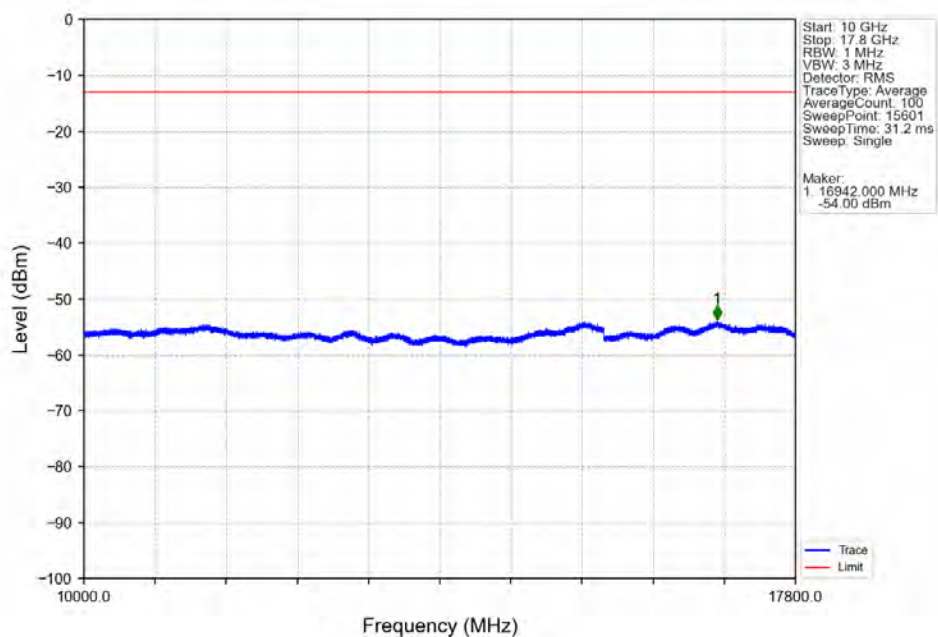
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



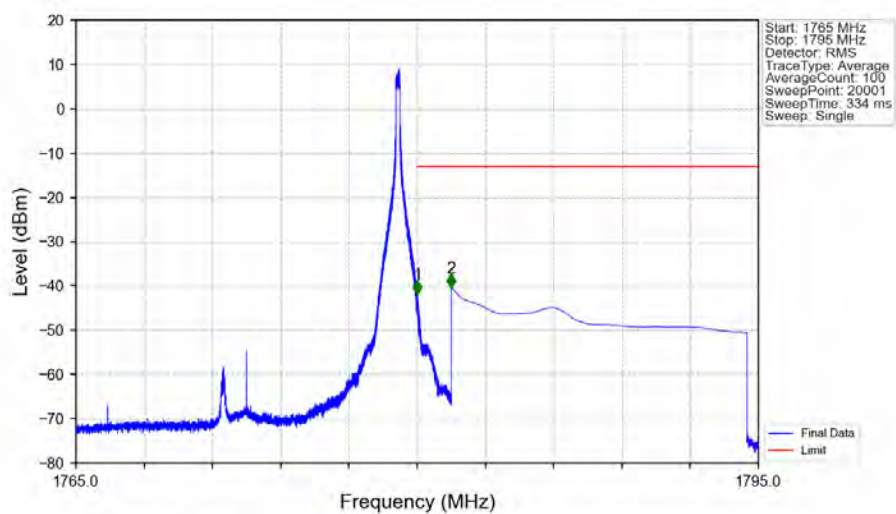
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV

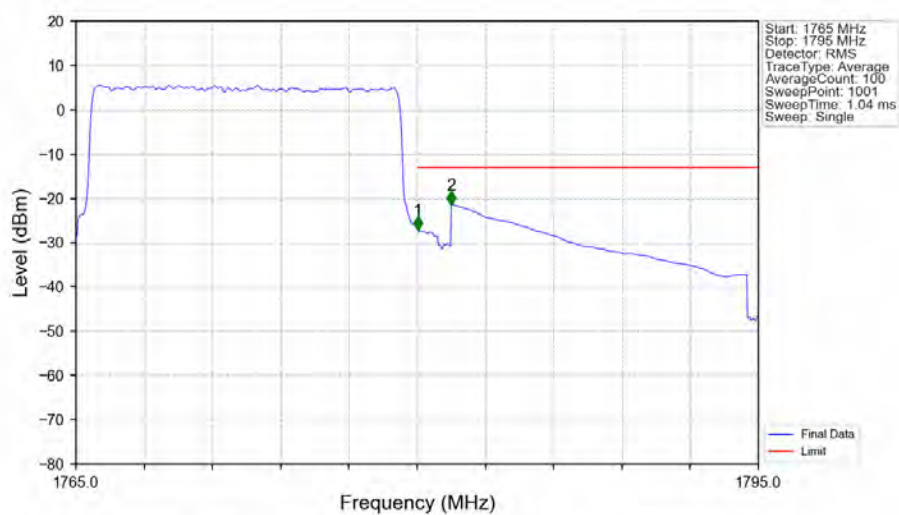


Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_74_NTNV



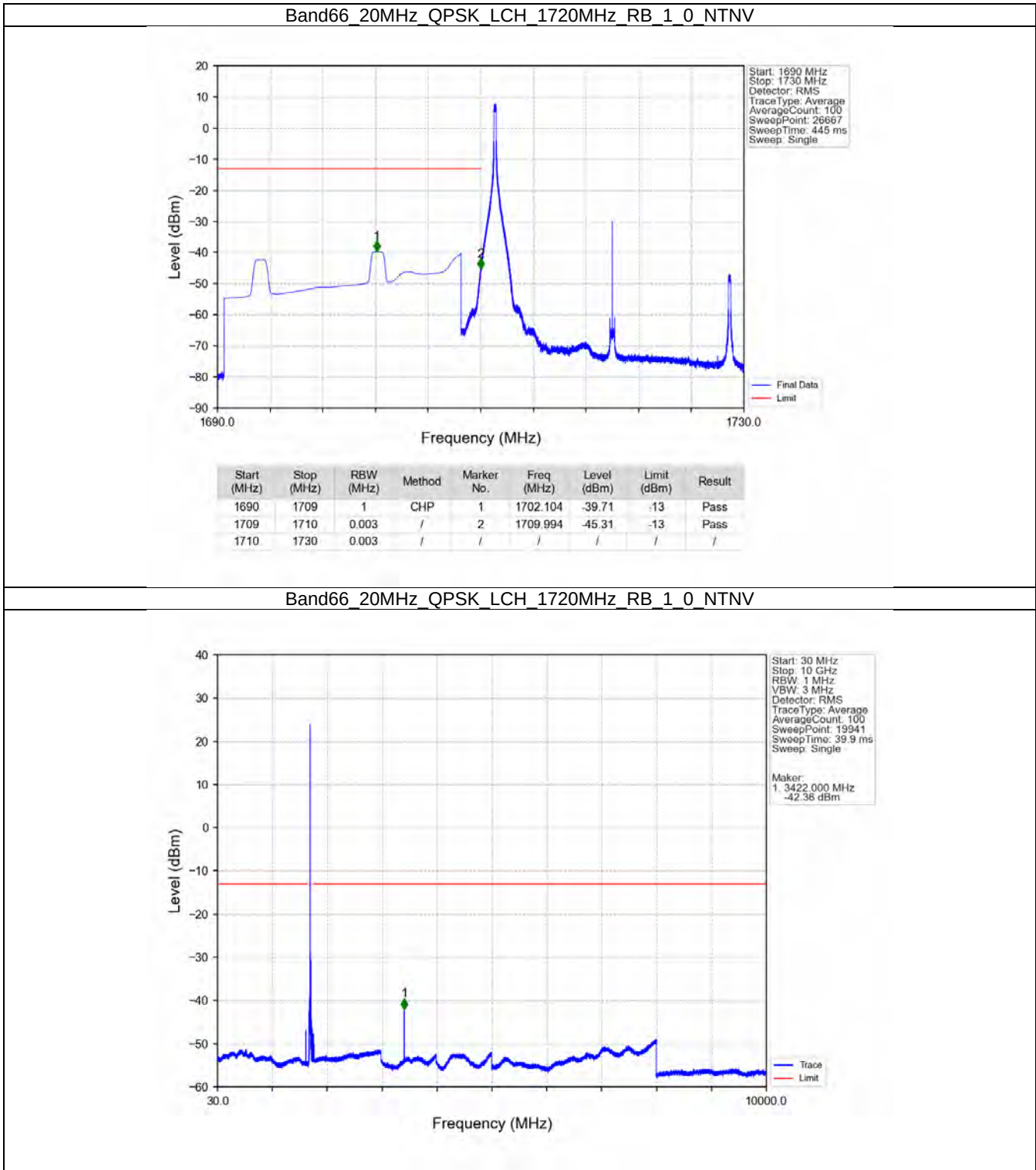
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-41.91	-13	Pass
1781	1795	1	CHP	2	1781.500	-40.44	-13	Pass

Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV

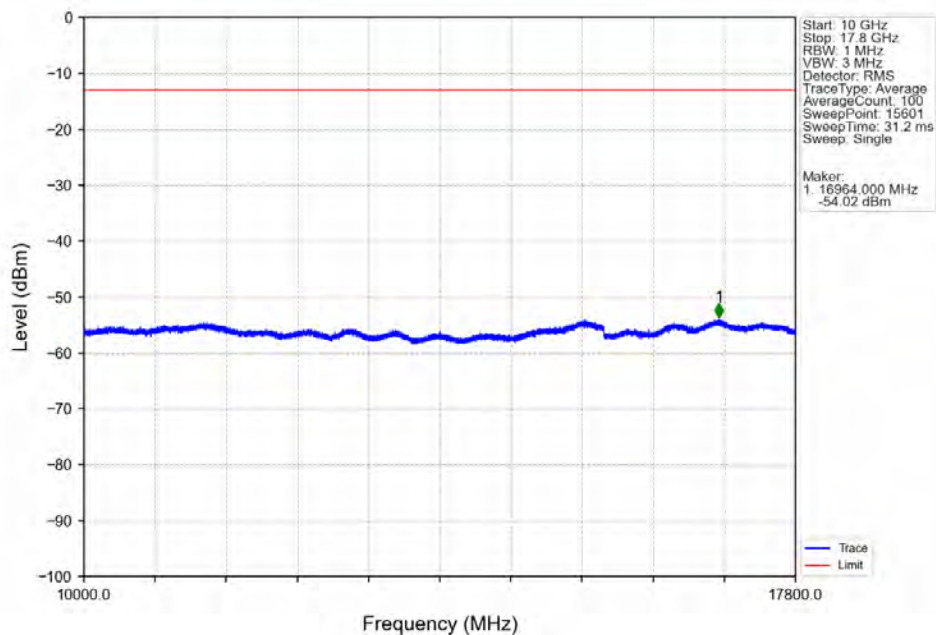


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.179	CHP	/	/	/	/	/
1780	1781	0.179	CHP	1	1780.030	-27.16	-13	Pass
1781	1795	1	CHP	2	1781.500	-21.39	-13	Pass

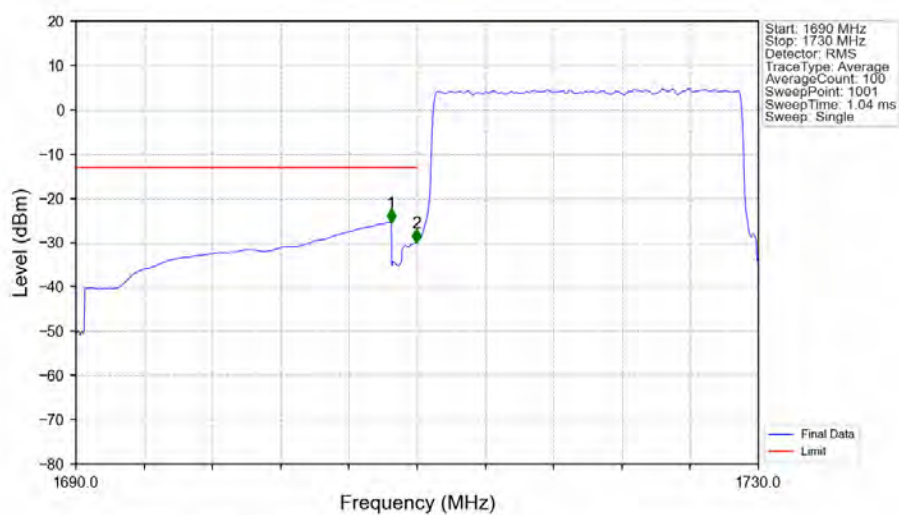
5.2.6 B66_20MHz



Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

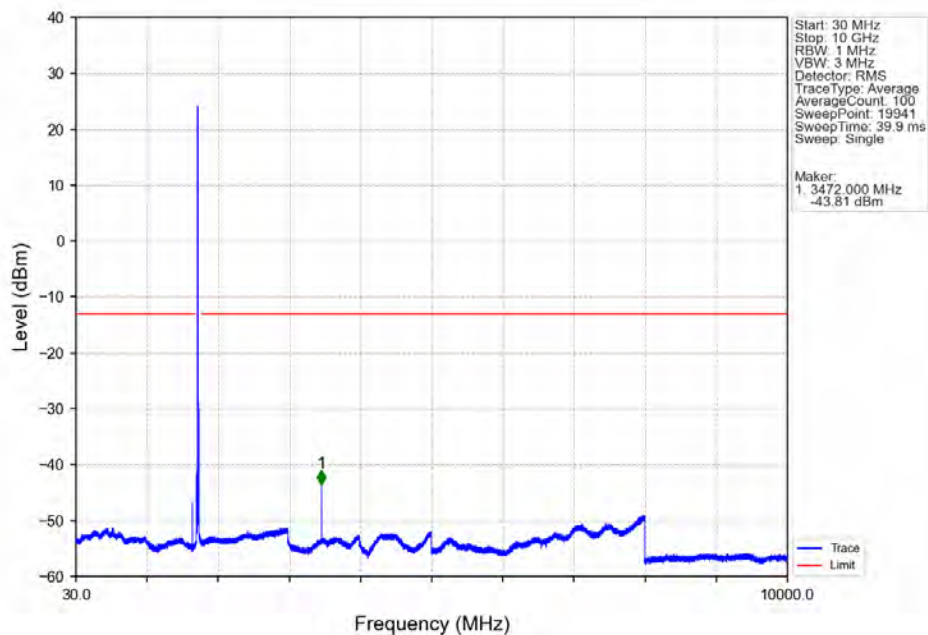


Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

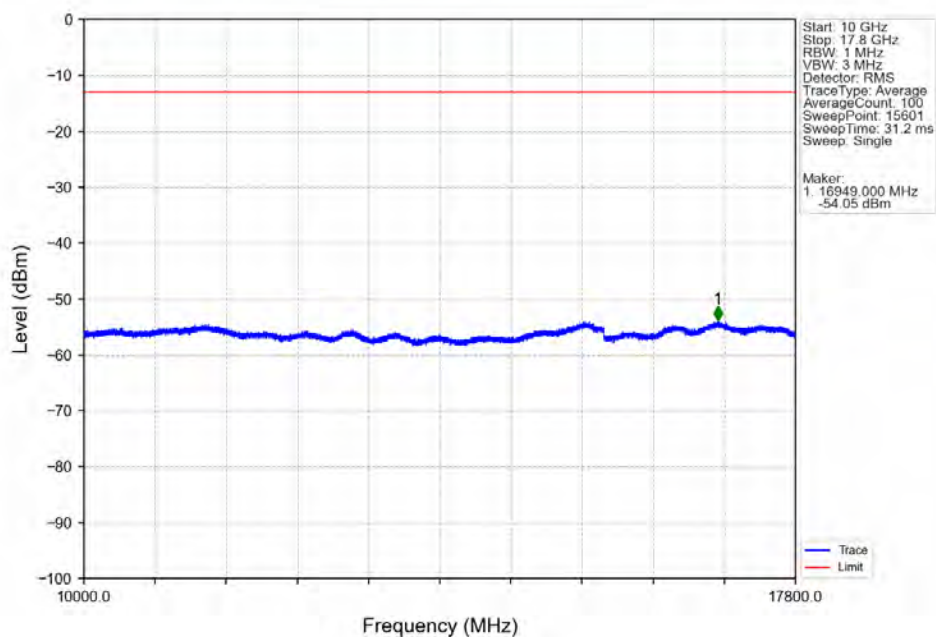


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-25.41	-13	Pass
1709	1710	0.218	CHP	2	1709.960	-30.00	-13	Pass
1710	1730	0.218	CHP	/	/	/	/	/

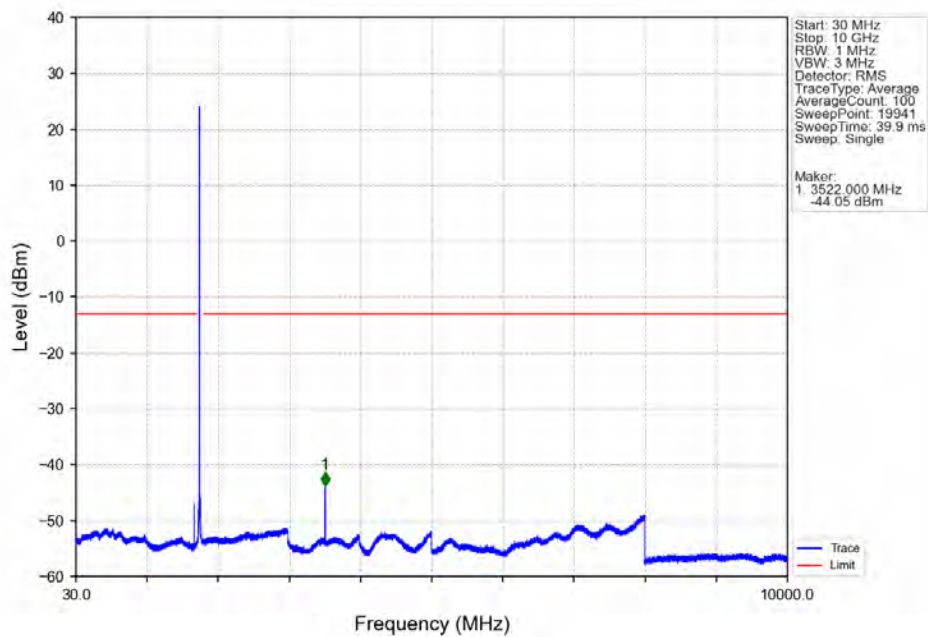
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



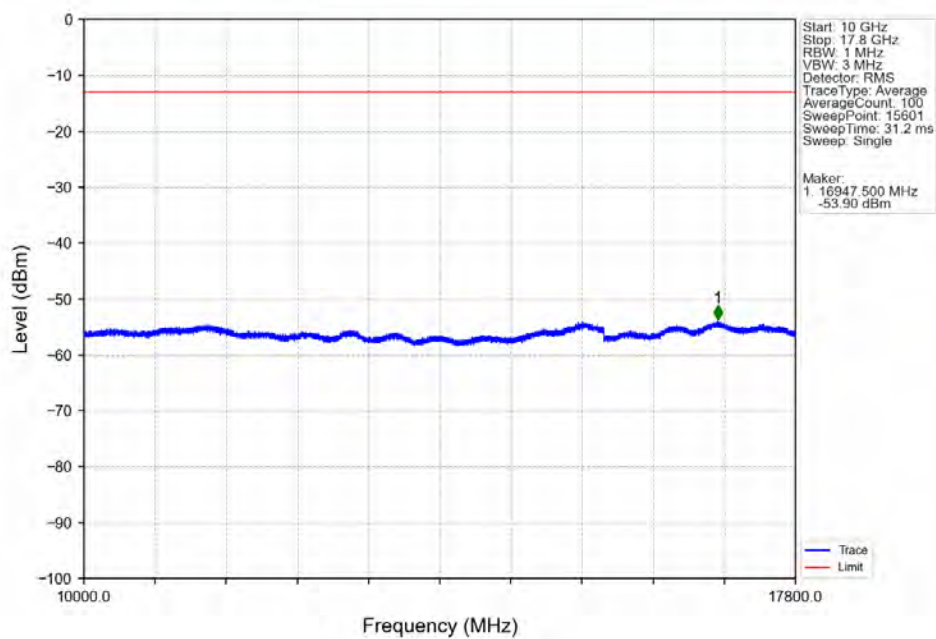
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



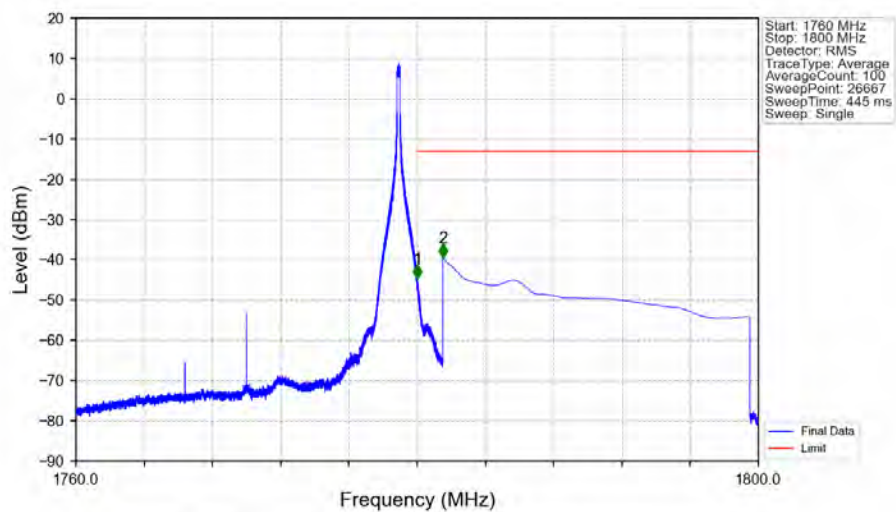
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV

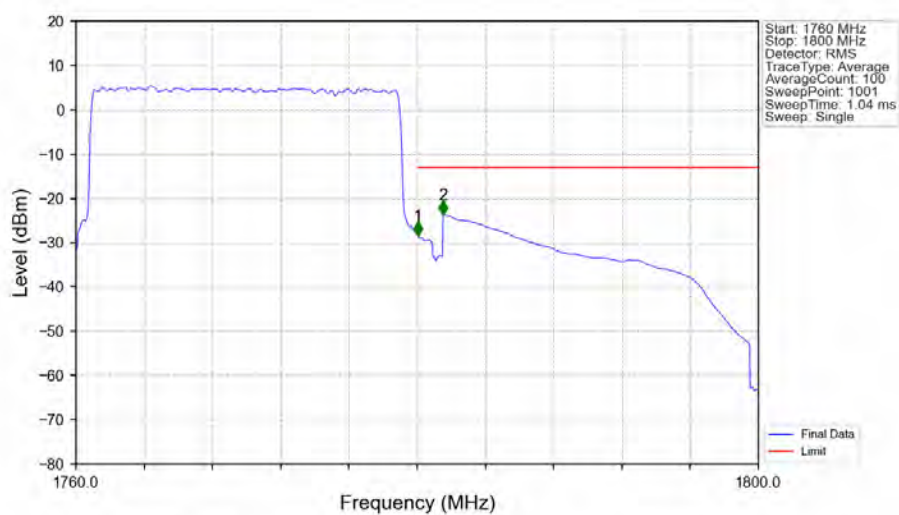


Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-44.64	-13	Pass
1781	1800	1	CHP	2	1781.500	-39.43	-13	Pass

Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.219	CHP	/	/	/	/	/
1780	1781	0.219	CHP	1	1780.040	-28.35	-13	Pass
1781	1800	1	CHP	2	1781.520	-23.66	-13	Pass