1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B42c_5MHz_EIRP

Band: 42c / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	24.75	-6.12	18.63	/	Pass
			13	24.63	-6.12	18.51	/	Pass
			24	24.55	-6.12	18.43	/	Pass
		12	0	24.00	-6.12	17.88	/	Pass
			6	23.99	-6.12	17.87	/	Pass
			13	24.08	-6.12	17.96	/	Pass
		25	0	24.12	-6.12	18.00	/	Pass
	3575	1	0	24.64	-6.12	18.52	/	Pass
			13	24.60	-6.12	18.48	/	Pass
			24	24.62	-6.12	18.50	/	Pass
		12	0	23.82	-6.12	17.70	/	Pass
			6	23.97	-6.12	17.85	/	Pass
			13	23.80	-6.12	17.68	/	Pass
		25	0	23.96	-6.12	17.84	/	Pass
	3597.5	1	0	24.27	-6.12	18.15	/	Pass
			13	24.35	-6.12	18.23	/	Pass
			24	24.14	-6.12	18.02	/	Pass
		12	0	23.55	-6.12	17.43	/	Pass
			6	23.67	-6.12	17.55	/	Pass
			13	23.47	-6.12	17.35	/	Pass
		25	0	23.65	-6.12	17.53	/	Pass
16QAM	3552.5	1	0	24.42	-6.12	18.30	/	Pass
			13	24.27	-6.12	18.15	/	Pass
			24	24.04	-6.12	17.92	/	Pass
		12	0	23.18	-6.12	17.06	/	Pass
			6	23.15	-6.12	17.03	/	Pass
			13	22.94	-6.12	16.82	/	Pass
		25	0	23.16	-6.12	17.04	/	Pass
	3575	1	0	23.87	-6.12	17.75	/	Pass
			13	23.90	-6.12	17.78	/	Pass
			24	23.82	-6.12	17.70	/	Pass
		12	0	22.83	-6.12	16.71	/	Pass
			6	22.85	-6.12	16.73	/	Pass
			13	22.98	-6.12	16.86	/	Pass
		25	0	22.82	-6.12	16.70	/	Pass
	3597.5	1	0	23.69	-6.12	17.57	/	Pass
			13	23.72	-6.12	17.60	/	Pass
			24	23.65	-6.12	17.53	/	Pass
		12	0	22.56	-6.12	16.44	/	Pass
			6	22.56	-6.12	16.44	/	Pass
			13	22.49	-6.12	16.37	/	Pass
		25	0	22.50	-6.12	16.38	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B42c_5MHz_EIRP/10MHz

Band: 42c / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3552.5	1	0	25.39	-6.12	19.27	<=23	Pass
			13	25.58	-6.12	19.46	<=23	Pass
			24	25.45	-6.12	19.33	<=23	Pass
		12	0	24.99	-6.12	18.87	<=23	Pass
			6	24.55	-6.12	18.43	<=23	Pass
			13	24.81	-6.12	18.69	<=23	Pass
		25	0	24.85	-6.12	18.73	<=23	Pass
	3575	1	0	24.50	-6.12	18.38	<=23	Pass
			13	24.33	-6.12	18.21	<=23	Pass
			24	23.98	-6.12	17.86	<=23	Pass
		12	0	23.93	-6.12	17.81	<=23	Pass
			6	24.10	-6.12	17.98	<=23	Pass
			13	23.86	-6.12	17.74	<=23	Pass
		25	0	23.64	-6.12	17.52	<=23	Pass
	3597.5	1	0	25.51	-6.12	19.39	<=23	Pass
			13	26.27	-6.12	20.15	<=23	Pass
			24	26.04	-6.12	19.92	<=23	Pass
		12	0	24.75	-6.12	18.63	<=23	Pass
			6	25.38	-6.12	19.26	<=23	Pass
			13	25.27	-6.12	19.15	<=23	Pass
		25	0	24.57	-6.12	18.45	<=23	Pass
16QAM	3552.5	1	0	24.61	-6.12	18.49	<=23	Pass
			13	24.71	-6.12	18.59	<=23	Pass
			24	25.11	-6.12	18.99	<=23	Pass
		12	0	24.11	-6.12	17.99	<=23	Pass
			6	24.05	-6.12	17.93	<=23	Pass
			13	23.71	-6.12	17.59	<=23	Pass
		25	0	23.51	-6.12	17.39	<=23	Pass
	3575	1	0	24.10	-6.12	17.98	<=23	Pass
			13	23.92	-6.12	17.80	<=23	Pass
			24	24.04	-6.12	17.92	<=23	Pass
		12	0	23.08	-6.12	16.96	<=23	Pass
			6	22.99	-6.12	16.87	<=23	Pass
			13	22.55	-6.12	16.43	<=23	Pass
		25	0	23.06	-6.12	16.94	<=23	Pass
	3597.5	1	0	24.94	-6.12	18.82	<=23	Pass
			13	24.90	-6.12	18.78	<=23	Pass
			24	25.15	-6.12	19.03	<=23	Pass
		12	0	24.23	-6.12	18.11	<=23	Pass
			6	23.63	-6.12	17.51	<=23	Pass
			13	23.44	-6.12	17.32	<=23	Pass
		25	0	24.07	-6.12	17.95	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain								

1.1.3 B42c_10MHz_EIRP

Band: 42c / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3555	1	0	24.77	-6.12	18.65	/	Pass
			25	24.64	-6.12	18.52	/	Pass
			49	24.60	-6.12	18.48	/	Pass
		25	0	23.99	-6.12	17.87	/	Pass
			13	23.94	-6.12	17.82	/	Pass
			25	24.01	-6.12	17.89	/	Pass
		50	0	23.95	-6.12	17.83	/	Pass
	3575	1	0	24.45	-6.12	18.33	/	Pass
			25	24.47	-6.12	18.35	/	Pass
			49	24.58	-6.12	18.46	/	Pass
		25	0	23.94	-6.12	17.82	/	Pass
			13	23.96	-6.12	17.84	/	Pass
			25	23.80	-6.12	17.68	/	Pass
		50	0	23.81	-6.12	17.69	/	Pass
	3595	1	0	24.45	-6.12	18.33	/	Pass
			25	24.25	-6.12	18.13	/	Pass
			49	24.10	-6.12	17.98	/	Pass
		25	0	23.75	-6.12	17.63	/	Pass
			13	23.56	-6.12	17.44	/	Pass
			25	23.64	-6.12	17.52	/	Pass
		50	0	23.72	-6.12	17.60	/	Pass
16QAM	3555	1	0	24.20	-6.12	18.08	/	Pass
			25	24.06	-6.12	17.94	/	Pass
			49	24.01	-6.12	17.89	/	Pass
		25	0	23.02	-6.12	16.90	/	Pass
			13	23.10	-6.12	16.98	/	Pass
			25	23.01	-6.12	16.89	/	Pass
		50	0	22.91	-6.12	16.79	/	Pass
	3575	1	0	23.97	-6.12	17.85	/	Pass
			25	24.03	-6.12	17.91	/	Pass
			49	23.93	-6.12	17.81	/	Pass
		25	0	22.85	-6.12	16.73	/	Pass
			13	22.94	-6.12	16.82	/	Pass
			25	22.95	-6.12	16.83	/	Pass
		50	0	22.85	-6.12	16.73	/	Pass
	3595	1	0	23.80	-6.12	17.68	/	Pass
			25	23.77	-6.12	17.65	/	Pass
			49	23.48	-6.12	17.36	/	Pass
		25	0	22.64	-6.12	16.52	/	Pass
			13	22.76	-6.12	16.64	/	Pass
			25	22.54	-6.12	16.42	/	Pass
		50	0	22.62	-6.12	16.50	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B42c_10MHz_EIRP/10MHz

Band: 42c / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3555	1	0	25.32	-6.12	19.20	<=23	Pass

			25	25.44	-6.12	19.32	<=23	Pass
			49	24.89	-6.12	18.77	<=23	Pass
		25	0	24.66	-6.12	18.54	<=23	Pass
			13	24.75	-6.12	18.63	<=23	Pass
			25	24.55	-6.12	18.43	<=23	Pass
		50	0	24.58	-6.12	18.46	<=23	Pass
	3575	1	0	24.57	-6.12	18.45	<=23	Pass
			25	24.60	-6.12	18.48	<=23	Pass
			49	24.41	-6.12	18.29	<=23	Pass
		25	0	23.79	-6.12	17.67	<=23	Pass
			13	23.75	-6.12	17.63	<=23	Pass
			25	23.75	-6.12	17.63	<=23	Pass
		50	0	23.71	-6.12	17.59	<=23	Pass
	3595	1	0	25.84	-6.12	19.72	<=23	Pass
			25	26.53	-6.12	20.41	<=23	Pass
			49	25.60	-6.12	19.48	<=23	Pass
		25	0	25.02	-6.12	18.90	<=23	Pass
			13	25.28	-6.12	19.16	<=23	Pass
			25	25.13	-6.12	19.01	<=23	Pass
		50	0	25.35	-6.12	19.23	<=23	Pass
16QAM	3555	1	0	25.15	-6.12	19.03	<=23	Pass
			25	24.73	-6.12	18.61	<=23	Pass
			49	24.36	-6.12	18.24	<=23	Pass
		25	0	23.88	-6.12	17.76	<=23	Pass
			13	23.78	-6.12	17.66	<=23	Pass
			25	23.46	-6.12	17.34	<=23	Pass
		50	0	23.43	-6.12	17.31	<=23	Pass
	3575	1	0	24.08	-6.12	17.96	<=23	Pass
			25	23.73	-6.12	17.61	<=23	Pass
			49	23.88	-6.12	17.76	<=23	Pass
		25	0	22.65	-6.12	16.53	<=23	Pass
			13	22.72	-6.12	16.60	<=23	Pass
			25	22.92	-6.12	16.80	<=23	Pass
		50	0	22.50	-6.12	16.38	<=23	Pass
	3595	1	0	24.85	-6.12	18.73	<=23	Pass
			25	25.19	-6.12	19.07	<=23	Pass
			49	24.90	-6.12	18.78	<=23	Pass
		25	0	24.16	-6.12	18.04	<=23	Pass
			13	24.34	-6.12	18.22	<=23	Pass
			25	23.24	-6.12	17.12	<=23	Pass
		50	0	24.11	-6.12	17.99	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain								

1.1.5 B42c_15MHz_EIRP

Band: 42c / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3557.5	1	0	24.83	-6.12	18.71	/	Pass
			38	24.59	-6.12	18.47	/	Pass
			74	24.51	-6.12	18.39	/	Pass
		36	0	24.09	-6.12	17.97	/	Pass
			18	24.03	-6.12	17.91	/	Pass
			39	23.82	-6.12	17.70	/	Pass
		75	0	24.05	-6.12	17.93	/	Pass
	3575	1	0	24.61	-6.12	18.49	/	Pass
			38	24.64	-6.12	18.52	/	Pass

			74	24.59	-6.12	18.47	/	Pass
		36	0	23.80	-6.12	17.68	/	Pass
			18	23.96	-6.12	17.84	/	Pass
			39	23.80	-6.12	17.68	/	Pass
		75	0	23.81	-6.12	17.69	/	Pass
	3592.5	1	0	24.39	-6.12	18.27	/	Pass
			38	24.25	-6.12	18.13	/	Pass
			74	24.12	-6.12	18.00	/	Pass
		36	0	23.82	-6.12	17.70	/	Pass
			18	23.62	-6.12	17.50	/	Pass
			39	23.51	-6.12	17.39	/	Pass
		75	0	23.61	-6.12	17.49	/	Pass
16QAM	3557.5	1	0	24.09	-6.12	17.97	/	Pass
			38	24.00	-6.12	17.88	/	Pass
			74	23.88	-6.12	17.76	/	Pass
		36	0	22.97	-6.12	16.85	/	Pass
			18	23.05	-6.12	16.93	/	Pass
			39	23.00	-6.12	16.88	/	Pass
		75	0	23.09	-6.12	16.97	/	Pass
	3575	1	0	23.92	-6.12	17.80	/	Pass
			38	23.90	-6.12	17.78	/	Pass
			74	23.83	-6.12	17.71	/	Pass
		36	0	22.79	-6.12	16.67	/	Pass
			18	22.81	-6.12	16.69	/	Pass
			39	22.79	-6.12	16.67	/	Pass
		75	0	22.95	-6.12	16.83	/	Pass
	3592.5	1	0	23.94	-6.12	17.82	/	Pass
			38	23.81	-6.12	17.69	/	Pass
			74	23.64	-6.12	17.52	/	Pass
		36	0	22.67	-6.12	16.55	/	Pass
			18	22.62	-6.12	16.50	/	Pass
			39	22.51	-6.12	16.39	/	Pass
		75	0	22.58	-6.12	16.46	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.6 B42c_15MHz_EIRP/10MHz

Band: 42c / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3557.5	1	0	25.59	-6.12	19.47	<=23	Pass
			38	24.90	-6.12	18.78	<=23	Pass
			74	24.93	-6.12	18.81	<=23	Pass
		36	0	24.57	-6.12	18.45	<=23	Pass
			18	24.65	-6.12	18.53	<=23	Pass
			39	24.49	-6.12	18.37	<=23	Pass
		75	0	23.13	-6.12	17.01	<=23	Pass
	3575	1	0	24.54	-6.12	18.42	<=23	Pass
			38	24.54	-6.12	18.42	<=23	Pass
			74	25.44	-6.12	19.32	<=23	Pass
		36	0	23.96	-6.12	17.84	<=23	Pass
			18	23.70	-6.12	17.58	<=23	Pass
			39	23.59	-6.12	17.47	<=23	Pass
		75	0	22.11	-6.12	15.99	<=23	Pass
	3592.5	1	0	25.73	-6.12	19.61	<=23	Pass
			38	25.26	-6.12	19.14	<=23	Pass
			74	25.34	-6.12	19.22	<=23	Pass

		36	0	25.43	-6.12	19.31	<=23	Pass
			18	24.80	-6.12	18.68	<=23	Pass
			39	25.29	-6.12	19.17	<=23	Pass
		75	0	24.54	-6.12	18.42	<=23	Pass
16QAM	3557.5	1	0	25.07	-6.12	18.95	<=23	Pass
			38	24.77	-6.12	18.65	<=23	Pass
			74	24.06	-6.12	17.94	<=23	Pass
		36	0	23.62	-6.12	17.50	<=23	Pass
			18	23.74	-6.12	17.62	<=23	Pass
			39	23.53	-6.12	17.41	<=23	Pass
		75	0	22.10	-6.12	15.98	<=23	Pass
	3575	1	0	24.26	-6.12	18.14	<=23	Pass
			38	23.41	-6.12	17.29	<=23	Pass
			74	24.53	-6.12	18.41	<=23	Pass
		36	0	22.82	-6.12	16.70	<=23	Pass
			18	22.81	-6.12	16.69	<=23	Pass
			39	22.74	-6.12	16.62	<=23	Pass
		75	0	21.64	-6.12	15.52	<=23	Pass
	3592.5	1	0	25.08	-6.12	18.96	<=23	Pass
			38	25.36	-6.12	19.24	<=23	Pass
			74	25.15	-6.12	19.03	<=23	Pass
		36	0	23.92	-6.12	17.80	<=23	Pass
			18	24.23	-6.12	18.11	<=23	Pass
			39	24.03	-6.12	17.91	<=23	Pass
		75	0	23.01	-6.12	16.89	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain								

1.1.7 B42c_20MHz_EIRP

Band: 42c / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3560	1	0	24.93	-6.12	18.81	/	Pass
			50	24.68	-6.12	18.56	/	Pass
			99	24.50	-6.12	18.38	/	Pass
		50	0	23.96	-6.12	17.84	/	Pass
			25	24.04	-6.12	17.92	/	Pass
			50	23.84	-6.12	17.72	/	Pass
		100	0	23.90	-6.12	17.78	/	Pass
	3575	1	0	24.67	-6.12	18.55	/	Pass
			50	24.66	-6.12	18.54	/	Pass
			99	24.51	-6.12	18.39	/	Pass
		50	0	23.97	-6.12	17.85	/	Pass
			25	23.99	-6.12	17.87	/	Pass
			50	23.82	-6.12	17.70	/	Pass
		100	0	23.80	-6.12	17.68	/	Pass
	3590	1	0	24.46	-6.12	18.34	/	Pass
			50	24.44	-6.12	18.32	/	Pass
			99	24.24	-6.12	18.12	/	Pass
		50	0	23.73	-6.12	17.61	/	Pass
			25	23.80	-6.12	17.68	/	Pass
			50	23.68	-6.12	17.56	/	Pass
		100	0	23.75	-6.12	17.63	/	Pass
16QAM	3560	1	0	24.32	-6.12	18.20	/	Pass
			50	23.88	-6.12	17.76	/	Pass
			99	24.04	-6.12	17.92	/	Pass
		50	0	23.10	-6.12	16.98	/	Pass

			25	22.88	-6.12	16.76	/	Pass
			50	22.88	-6.12	16.76	/	Pass
		100	0	23.04	-6.12	16.92	/	Pass
	3575	1	0	24.14	-6.12	18.02	/	Pass
			50	24.23	-6.12	18.11	/	Pass
			99	24.02	-6.12	17.90	/	Pass
		50	0	22.94	-6.12	16.82	/	Pass
			25	22.85	-6.12	16.73	/	Pass
			50	22.82	-6.12	16.70	/	Pass
		100	0	22.78	-6.12	16.66	/	Pass
	3590	1	0	23.79	-6.12	17.67	/	Pass
			50	23.69	-6.12	17.57	/	Pass
			99	23.50	-6.12	17.38	/	Pass
		50	0	22.70	-6.12	16.58	/	Pass
			25	22.65	-6.12	16.53	/	Pass
			50	22.54	-6.12	16.42	/	Pass
		100	0	22.60	-6.12	16.48	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.8 B42c_20MHz_EIRP/10MHz

Band: 42c / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3560	1	0	25.57	-6.12	19.45	<=23	Pass
			50	25.13	-6.12	19.01	<=23	Pass
			99	24.91	-6.12	18.79	<=23	Pass
		50	0	24.58	-6.12	18.46	<=23	Pass
			25	24.27	-6.12	18.15	<=23	Pass
			50	24.36	-6.12	18.24	<=23	Pass
		100	0	21.84	-6.12	15.72	<=23	Pass
	3575	1	0	24.58	-6.12	18.46	<=23	Pass
			50	25.78	-6.12	19.66	<=23	Pass
			99	25.48	-6.12	19.36	<=23	Pass
		50	0	23.81	-6.12	17.69	<=23	Pass
			25	23.79	-6.12	17.67	<=23	Pass
			50	24.49	-6.12	18.37	<=23	Pass
		100	0	21.37	-6.12	15.25	<=23	Pass
	3590	1	0	24.94	-6.12	18.82	<=23	Pass
			50	25.90	-6.12	19.78	<=23	Pass
			99	25.79	-6.12	19.67	<=23	Pass
		50	0	24.63	-6.12	18.51	<=23	Pass
			25	24.94	-6.12	18.82	<=23	Pass
			50	24.98	-6.12	18.86	<=23	Pass
		100	0	22.49	-6.12	16.37	<=23	Pass
16QAM	3560	1	0	24.91	-6.12	18.79	<=23	Pass
			50	24.48	-6.12	18.36	<=23	Pass
			99	23.95	-6.12	17.83	<=23	Pass
		50	0	23.77	-6.12	17.65	<=23	Pass
			25	23.46	-6.12	17.34	<=23	Pass
			50	23.48	-6.12	17.36	<=23	Pass
		100	0	20.84	-6.12	14.72	<=23	Pass
	3575	1	0	24.01	-6.12	17.89	<=23	Pass
			50	24.91	-6.12	18.79	<=23	Pass
			99	25.41	-6.12	19.29	<=23	Pass
		50	0	22.92	-6.12	16.80	<=23	Pass
			25	22.68	-6.12	16.56	<=23	Pass

			50	24.06	-6.12	17.94	<=23	Pass
		100	0	20.11	-6.12	13.99	<=23	Pass
	3590	1	0	25.14	-6.12	19.02	<=23	Pass
			50	24.38	-6.12	18.26	<=23	Pass
			99	25.96	-6.12	19.84	<=23	Pass
		50	0	24.01	-6.12	17.89	<=23	Pass
			25	23.92	-6.12	17.80	<=23	Pass
			50	23.61	-6.12	17.49	<=23	Pass
		100	0	21.34	-6.12	15.22	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B42c_5MHz

Band: 42c / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3552.5	25	0	20	3.27	6.065	0.0017	-2.5 to 2.5	Pass
					3.85	4.277	0.0012	-2.5 to 2.5	Pass
					4.43	4.578	0.0013	-2.5 to 2.5	Pass
				-30	3.85	5.107	0.0014	-2.5 to 2.5	Pass
				-20	3.85	4.663	0.0013	-2.5 to 2.5	Pass
				-10	3.85	4.764	0.0013	-2.5 to 2.5	Pass
				0	3.85	3.448	0.0010	-2.5 to 2.5	Pass
				10	3.85	5.422	0.0015	-2.5 to 2.5	Pass
				30	3.85	4.578	0.0013	-2.5 to 2.5	Pass
				40	3.85	3.977	0.0011	-2.5 to 2.5	Pass
				50	3.85	5.236	0.0015	-2.5 to 2.5	Pass
	3575	25	0	20	3.27	3.204	0.0009	-2.5 to 2.5	Pass
					3.85	3.591	0.0010	-2.5 to 2.5	Pass
					4.43	6.366	0.0018	-2.5 to 2.5	Pass
				-30	3.85	5.436	0.0015	-2.5 to 2.5	Pass
				-20	3.85	4.106	0.0011	-2.5 to 2.5	Pass
				-10	3.85	6.652	0.0019	-2.5 to 2.5	Pass
				0	3.85	3.905	0.0011	-2.5 to 2.5	Pass
				10	3.85	4.392	0.0012	-2.5 to 2.5	Pass
				30	3.85	5.879	0.0016	-2.5 to 2.5	Pass
				40	3.85	5.064	0.0014	-2.5 to 2.5	Pass
				50	3.85	4.592	0.0013	-2.5 to 2.5	Pass
	3597.5	25	0	20	3.27	3.734	0.0010	-2.5 to 2.5	Pass
					3.85	2.446	0.0007	-2.5 to 2.5	Pass
					4.43	3.319	0.0009	-2.5 to 2.5	Pass
				-30	3.85	5.279	0.0015	-2.5 to 2.5	Pass
				-20	3.85	3.176	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.761	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.104	0.0009	-2.5 to 2.5	Pass
				10	3.85	3.433	0.0010	-2.5 to 2.5	Pass
				30	3.85	5.393	0.0015	-2.5 to 2.5	Pass
				40	3.85	4.835	0.0013	-2.5 to 2.5	Pass
				50	3.85	5.879	0.0016	-2.5 to 2.5	Pass
16QAM	3552.5	25	0	20	3.27	4.606	0.0013	-2.5 to 2.5	Pass
					3.85	4.520	0.0013	-2.5 to 2.5	Pass
					4.43	5.093	0.0014	-2.5 to 2.5	Pass

				-30	3.85	3.591	0.0010	-2.5 to 2.5	Pass
				-20	3.85	3.276	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.775	0.0008	-2.5 to 2.5	Pass
				0	3.85	3.476	0.0010	-2.5 to 2.5	Pass
				10	3.85	2.818	0.0008	-2.5 to 2.5	Pass
				30	3.85	3.018	0.0008	-2.5 to 2.5	Pass
				40	3.85	3.505	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.702	0.0005	-2.5 to 2.5	Pass
	3575	25	0	20	3.27	4.306	0.0012	-2.5 to 2.5	Pass
					3.85	4.520	0.0013	-2.5 to 2.5	Pass
					4.43	2.890	0.0008	-2.5 to 2.5	Pass
				-30	3.85	4.292	0.0012	-2.5 to 2.5	Pass
				-20	3.85	6.495	0.0018	-2.5 to 2.5	Pass
				-10	3.85	4.106	0.0011	-2.5 to 2.5	Pass
				0	3.85	3.562	0.0010	-2.5 to 2.5	Pass
				10	3.85	3.076	0.0009	-2.5 to 2.5	Pass
				30	3.85	4.134	0.0012	-2.5 to 2.5	Pass
				40	3.85	2.832	0.0008	-2.5 to 2.5	Pass
				50	3.85	4.206	0.0012	-2.5 to 2.5	Pass
	3597.5	25	0	20	3.27	4.106	0.0011	-2.5 to 2.5	Pass
					3.85	5.422	0.0015	-2.5 to 2.5	Pass
					4.43	5.879	0.0016	-2.5 to 2.5	Pass
				-30	3.85	4.606	0.0013	-2.5 to 2.5	Pass
				-20	3.85	5.279	0.0015	-2.5 to 2.5	Pass
				-10	3.85	3.619	0.0010	-2.5 to 2.5	Pass
				0	3.85	4.907	0.0014	-2.5 to 2.5	Pass
				10	3.85	3.290	0.0009	-2.5 to 2.5	Pass
				30	3.85	3.533	0.0010	-2.5 to 2.5	Pass
				40	3.85	4.749	0.0013	-2.5 to 2.5	Pass
				50	3.85	4.063	0.0011	-2.5 to 2.5	Pass

2.1.2 B42c_10MHz

Band: 42c / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3555	50	0	20	3.27	1.788	0.0005	-2.5 to 2.5	Pass
					3.85	1.702	0.0005	-2.5 to 2.5	Pass
					4.43	1.831	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.031	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-0.629	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.731	0.0005	-2.5 to 2.5	Pass
				0	3.85	2.675	0.0008	-2.5 to 2.5	Pass
				10	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				30	3.85	2.618	0.0007	-2.5 to 2.5	Pass
				40	3.85	1.931	0.0005	-2.5 to 2.5	Pass
				50	3.85	2.918	0.0008	-2.5 to 2.5	Pass
	3575	50	0	20	3.27	2.732	0.0008	-2.5 to 2.5	Pass
					3.85	3.204	0.0009	-2.5 to 2.5	Pass
					4.43	2.632	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.388	0.0004	-2.5 to 2.5	Pass
				-20	3.85	3.390	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.432	0.0007	-2.5 to 2.5	Pass
				0	3.85	2.904	0.0008	-2.5 to 2.5	Pass
				10	3.85	2.804	0.0008	-2.5 to 2.5	Pass
				30	3.85	4.091	0.0011	-2.5 to 2.5	Pass
				40	3.85	2.904	0.0008	-2.5 to 2.5	Pass

				50	3.85	3.619	0.0010	-2.5 to 2.5	Pass
	3595	50	0	20	3.27	1.888	0.0005	-2.5 to 2.5	Pass
					3.85	1.788	0.0005	-2.5 to 2.5	Pass
					4.43	1.917	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.373	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.287	0.0004	-2.5 to 2.5	Pass
				-10	3.85	-0.157	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.988	0.0006	-2.5 to 2.5	Pass
				10	3.85	1.516	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.588	0.0004	-2.5 to 2.5	Pass
				40	3.85	3.247	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.574	0.0004	-2.5 to 2.5	Pass
16QAM	3555	50	0	20	3.27	-0.186	-0.0001	-2.5 to 2.5	Pass
					3.85	1.259	0.0004	-2.5 to 2.5	Pass
					4.43	2.103	0.0006	-2.5 to 2.5	Pass
				-30	3.85	2.575	0.0007	-2.5 to 2.5	Pass
				-20	3.85	1.230	0.0003	-2.5 to 2.5	Pass
				-10	3.85	3.004	0.0008	-2.5 to 2.5	Pass
				0	3.85	0.815	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.858	0.0002	-2.5 to 2.5	Pass
				30	3.85	2.203	0.0006	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0003	-2.5 to 2.5	Pass
				50	3.85	2.918	0.0008	-2.5 to 2.5	Pass
	3575	50	0	20	3.27	2.632	0.0007	-2.5 to 2.5	Pass
					3.85	2.890	0.0008	-2.5 to 2.5	Pass
					4.43	3.748	0.0010	-2.5 to 2.5	Pass
				-30	3.85	3.033	0.0008	-2.5 to 2.5	Pass
				-20	3.85	5.293	0.0015	-2.5 to 2.5	Pass
				-10	3.85	4.649	0.0013	-2.5 to 2.5	Pass
				0	3.85	4.263	0.0012	-2.5 to 2.5	Pass
				10	3.85	4.520	0.0013	-2.5 to 2.5	Pass
				30	3.85	2.961	0.0008	-2.5 to 2.5	Pass
				40	3.85	4.106	0.0011	-2.5 to 2.5	Pass
				50	3.85	4.492	0.0013	-2.5 to 2.5	Pass
	3595	50	0	20	3.27	3.033	0.0008	-2.5 to 2.5	Pass
					3.85	1.702	0.0005	-2.5 to 2.5	Pass
					4.43	1.230	0.0003	-2.5 to 2.5	Pass
				-30	3.85	1.159	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.059	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.330	0.0004	-2.5 to 2.5	Pass
				0	3.85	2.861	0.0008	-2.5 to 2.5	Pass
				10	3.85	2.131	0.0006	-2.5 to 2.5	Pass
				30	3.85	2.832	0.0008	-2.5 to 2.5	Pass
				40	3.85	3.104	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.788	0.0005	-2.5 to 2.5	Pass

2.1.3 B42c_15MHz

Band: 42c / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3557.5	75	0	20	3.27	-0.572	-0.0002	-2.5 to 2.5	Pass
					3.85	-0.558	-0.0002	-2.5 to 2.5	Pass
					4.43	0.429	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.372	0.0001	-2.5 to 2.5	Pass
				-20	3.85	1.702	0.0005	-2.5 to 2.5	Pass
				-10	3.85	3.004	0.0008	-2.5 to 2.5	Pass

				0	3.85	0.629	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.302	0.0004	-2.5 to 2.5	Pass
				30	3.85	1.245	0.0003	-2.5 to 2.5	Pass
				40	3.85	1.316	0.0004	-2.5 to 2.5	Pass
				50	3.85	0.930	0.0003	-2.5 to 2.5	Pass
	3575	75	0	20	3.27	2.546	0.0007	-2.5 to 2.5	Pass
					3.85	3.891	0.0011	-2.5 to 2.5	Pass
					4.43	1.960	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.802	0.0005	-2.5 to 2.5	Pass
				-20	3.85	3.462	0.0010	-2.5 to 2.5	Pass
				-10	3.85	3.805	0.0011	-2.5 to 2.5	Pass
				0	3.85	2.918	0.0008	-2.5 to 2.5	Pass
				10	3.85	2.875	0.0008	-2.5 to 2.5	Pass
				30	3.85	1.917	0.0005	-2.5 to 2.5	Pass
				40	3.85	2.446	0.0007	-2.5 to 2.5	Pass
				50	3.85	2.704	0.0008	-2.5 to 2.5	Pass
	3592.5	75	0	20	3.27	1.860	0.0005	-2.5 to 2.5	Pass
					3.85	2.174	0.0006	-2.5 to 2.5	Pass
					4.43	1.745	0.0005	-2.5 to 2.5	Pass
				-30	3.85	1.159	0.0003	-2.5 to 2.5	Pass
				-20	3.85	1.631	0.0005	-2.5 to 2.5	Pass
				-10	3.85	1.388	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.730	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.958	0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.086	0.0000	-2.5 to 2.5	Pass
				40	3.85	2.890	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.216	0.0003	-2.5 to 2.5	Pass
16QAM	3557.5	75	0	20	3.27	0.300	0.0001	-2.5 to 2.5	Pass
					3.85	2.532	0.0007	-2.5 to 2.5	Pass
					4.43	0.086	0.0000	-2.5 to 2.5	Pass
				-30	3.85	1.602	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.587	0.0002	-2.5 to 2.5	Pass
				-10	3.85	2.217	0.0006	-2.5 to 2.5	Pass
				0	3.85	0.587	0.0002	-2.5 to 2.5	Pass
				10	3.85	1.287	0.0004	-2.5 to 2.5	Pass
				30	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.359	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.074	0.0006	-2.5 to 2.5	Pass
	3575	75	0	20	3.27	2.346	0.0007	-2.5 to 2.5	Pass
					3.85	4.077	0.0011	-2.5 to 2.5	Pass
					4.43	1.345	0.0004	-2.5 to 2.5	Pass
				-30	3.85	1.860	0.0005	-2.5 to 2.5	Pass
				-20	3.85	2.604	0.0007	-2.5 to 2.5	Pass
				-10	3.85	2.747	0.0008	-2.5 to 2.5	Pass
				0	3.85	2.146	0.0006	-2.5 to 2.5	Pass
				10	3.85	2.203	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.903	0.0005	-2.5 to 2.5	Pass
				40	3.85	1.359	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.561	0.0007	-2.5 to 2.5	Pass
	3592.5	75	0	20	3.27	0.186	0.0001	-2.5 to 2.5	Pass
					3.85	0.601	0.0002	-2.5 to 2.5	Pass
					4.43	0.200	0.0001	-2.5 to 2.5	Pass
				-30	3.85	2.289	0.0006	-2.5 to 2.5	Pass
				-20	3.85	1.087	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				0	3.85	1.273	0.0004	-2.5 to 2.5	Pass
				10	3.85	2.689	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.931	0.0005	-2.5 to 2.5	Pass
				40	3.85	0.300	0.0001	-2.5 to 2.5	Pass

				50	3.85	2.060	0.0006	-2.5 to 2.5	Pass

2.1.4 B42c_20MHz

Band: 42c / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3560	100	0	20	3.27	4.120	0.0012	-2.5 to 2.5	Pass
					3.85	3.090	0.0009	-2.5 to 2.5	Pass
					4.43	3.462	0.0010	-2.5 to 2.5	Pass
				-30	3.85	2.604	0.0007	-2.5 to 2.5	Pass
				-20	3.85	2.260	0.0006	-2.5 to 2.5	Pass
				-10	3.85	3.362	0.0009	-2.5 to 2.5	Pass
				0	3.85	2.890	0.0008	-2.5 to 2.5	Pass
				10	3.85	3.204	0.0009	-2.5 to 2.5	Pass
				30	3.85	2.360	0.0007	-2.5 to 2.5	Pass
				40	3.85	2.975	0.0008	-2.5 to 2.5	Pass
				50	3.85	2.990	0.0008	-2.5 to 2.5	Pass
	3575	100	0	20	3.27	2.890	0.0008	-2.5 to 2.5	Pass
					3.85	2.975	0.0008	-2.5 to 2.5	Pass
					4.43	1.659	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.460	0.0007	-2.5 to 2.5	Pass
				-20	3.85	3.319	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.360	0.0007	-2.5 to 2.5	Pass
				0	3.85	1.945	0.0005	-2.5 to 2.5	Pass
				10	3.85	3.705	0.0010	-2.5 to 2.5	Pass
				30	3.85	1.059	0.0003	-2.5 to 2.5	Pass
				40	3.85	1.645	0.0005	-2.5 to 2.5	Pass
				50	3.85	3.004	0.0008	-2.5 to 2.5	Pass
	3590	100	0	20	3.27	3.362	0.0009	-2.5 to 2.5	Pass
					3.85	2.174	0.0006	-2.5 to 2.5	Pass
					4.43	1.559	0.0004	-2.5 to 2.5	Pass
				-30	3.85	0.629	0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.216	0.0003	-2.5 to 2.5	Pass
				-10	3.85	1.273	0.0004	-2.5 to 2.5	Pass
				0	3.85	1.531	0.0004	-2.5 to 2.5	Pass
				10	3.85	2.360	0.0007	-2.5 to 2.5	Pass
				30	3.85	1.616	0.0005	-2.5 to 2.5	Pass
				40	3.85	3.147	0.0009	-2.5 to 2.5	Pass
				50	3.85	1.016	0.0003	-2.5 to 2.5	Pass
16QAM	3560	100	0	20	3.27	1.702	0.0005	-2.5 to 2.5	Pass
					3.85	1.631	0.0005	-2.5 to 2.5	Pass
					4.43	1.945	0.0005	-2.5 to 2.5	Pass
				-30	3.85	2.861	0.0008	-2.5 to 2.5	Pass
				-20	3.85	3.061	0.0009	-2.5 to 2.5	Pass
				-10	3.85	2.618	0.0007	-2.5 to 2.5	Pass
				0	3.85	3.948	0.0011	-2.5 to 2.5	Pass
				10	3.85	2.189	0.0006	-2.5 to 2.5	Pass
				30	3.85	2.403	0.0007	-2.5 to 2.5	Pass
				40	3.85	3.576	0.0010	-2.5 to 2.5	Pass
				50	3.85	1.502	0.0004	-2.5 to 2.5	Pass
	3575	100	0	20	3.27	3.548	0.0010	-2.5 to 2.5	Pass
					3.85	3.605	0.0010	-2.5 to 2.5	Pass
					4.43	2.217	0.0006	-2.5 to 2.5	Pass
				-30	3.85	1.645	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.760	0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.432	0.0007	-2.5 to 2.5	Pass

				0	3.85	0.272	0.0001	-2.5 to 2.5	Pass
				10	3.85	3.119	0.0009	-2.5 to 2.5	Pass
				30	3.85	3.147	0.0009	-2.5 to 2.5	Pass
				40	3.85	1.130	0.0003	-2.5 to 2.5	Pass
				50	3.85	1.988	0.0006	-2.5 to 2.5	Pass
	3590	100	0	20	3.27	1.645	0.0005	-2.5 to 2.5	Pass
					3.85	2.017	0.0006	-2.5 to 2.5	Pass
					4.43	2.360	0.0007	-2.5 to 2.5	Pass
				-30	3.85	1.259	0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.788	0.0005	-2.5 to 2.5	Pass
				-10	3.85	2.089	0.0006	-2.5 to 2.5	Pass
				0	3.85	2.117	0.0006	-2.5 to 2.5	Pass
				10	3.85	2.275	0.0006	-2.5 to 2.5	Pass
				30	3.85	1.602	0.0004	-2.5 to 2.5	Pass
				40	3.85	1.945	0.0005	-2.5 to 2.5	Pass
				50	3.85	3.805	0.0011	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band42c_OBW

Band: 42c / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3552.5	25	0	4.593	/	Pass
		3575	25	0	4.577	/	Pass
		3597.5	25	0	4.554	/	Pass
	16QAM	3552.5	25	0	4.569	/	Pass
		3575	25	0	4.553	/	Pass
		3597.5	25	0	4.570	/	Pass
10	QPSK	3555	50	0	9.107	/	Pass
		3575	50	0	9.097	/	Pass
		3595	50	0	9.067	/	Pass
	16QAM	3555	50	0	9.094	/	Pass
		3575	50	0	9.068	/	Pass
		3595	50	0	9.070	/	Pass
15	QPSK	3557.5	75	0	13.580	/	Pass
		3575	75	0	13.645	/	Pass
		3592.5	75	0	13.550	/	Pass
	16QAM	3557.5	75	0	13.631	/	Pass
		3575	75	0	13.614	/	Pass
		3592.5	75	0	13.586	/	Pass
20	QPSK	3560	100	0	18.142	/	Pass
		3575	100	0	18.104	/	Pass
		3590	100	0	18.088	/	Pass
	16QAM	3560	100	0	18.109	/	Pass
		3575	100	0	18.115	/	Pass
		3590	100	0	18.018	/	Pass

4.1.2 Band42c_XDB

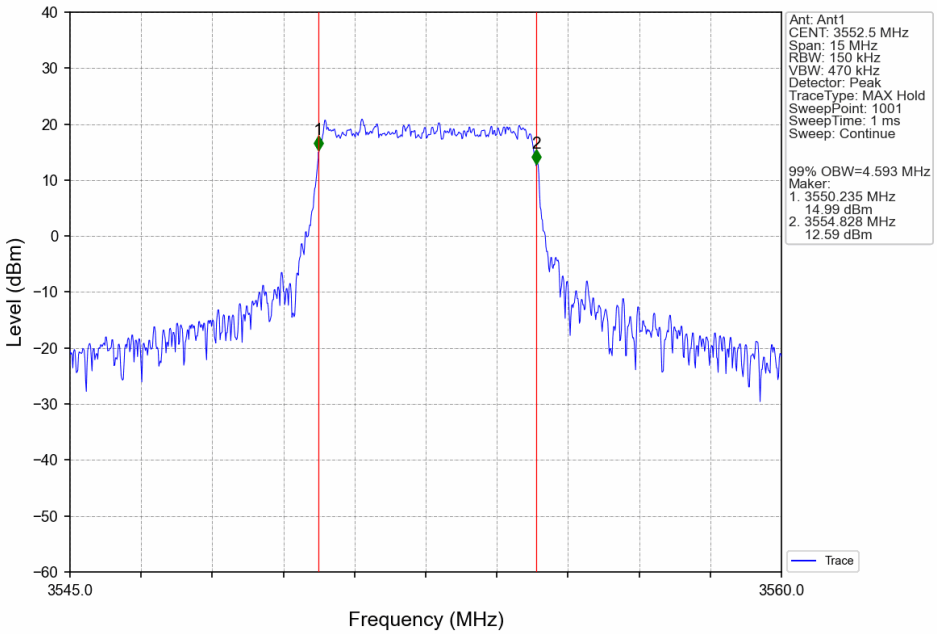
Band: 42c / NTNV					
Bandwidth (MHz)	Modulation	Frequency	RB Allocation	26dB Bandwidth (MHz)	Verdict

		(MHz)	Size	Offset	Result	Limit	
5	QPSK	3552.5	25	0	5.482	/	Pass
		3575	25	0	5.507	/	Pass
		3597.5	25	0	5.220	/	Pass
	16QAM	3552.5	25	0	5.426	/	Pass
		3575	25	0	5.477	/	Pass
		3597.5	25	0	5.358	/	Pass
10	QPSK	3555	50	0	11.029	/	Pass
		3575	50	0	10.785	/	Pass
		3595	50	0	10.193	/	Pass
	16QAM	3555	50	0	10.390	/	Pass
		3575	50	0	11.597	/	Pass
		3595	50	0	10.505	/	Pass
15	QPSK	3557.5	75	0	15.194	/	Pass
		3575	75	0	16.080	/	Pass
		3592.5	75	0	15.211	/	Pass
	16QAM	3557.5	75	0	17.553	/	Pass
		3575	75	0	15.163	/	Pass
		3592.5	75	0	15.463	/	Pass
20	QPSK	3560	100	0	20.267	/	Pass
		3575	100	0	19.893	/	Pass
		3590	100	0	19.536	/	Pass
	16QAM	3560	100	0	20.440	/	Pass
		3575	100	0	20.251	/	Pass
		3590	100	0	19.928	/	Pass

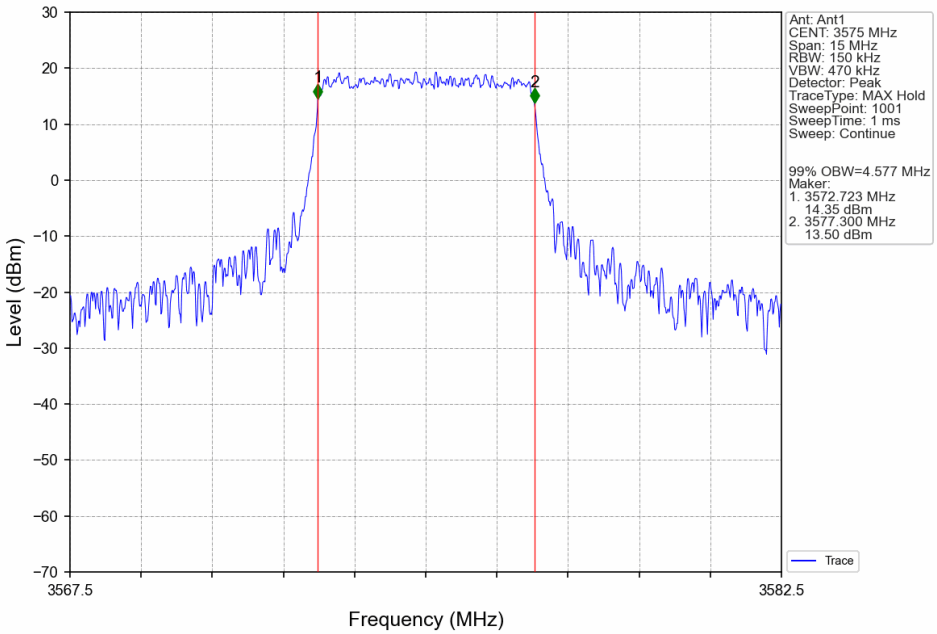
3.2 Test Graph

3.2.1 Band42c_OBW

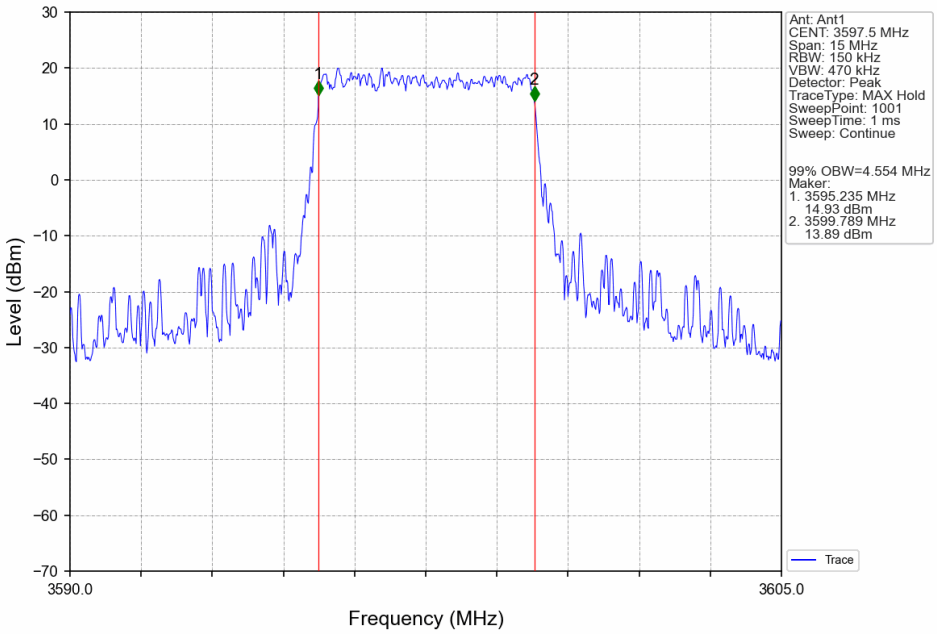
Band42c_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV



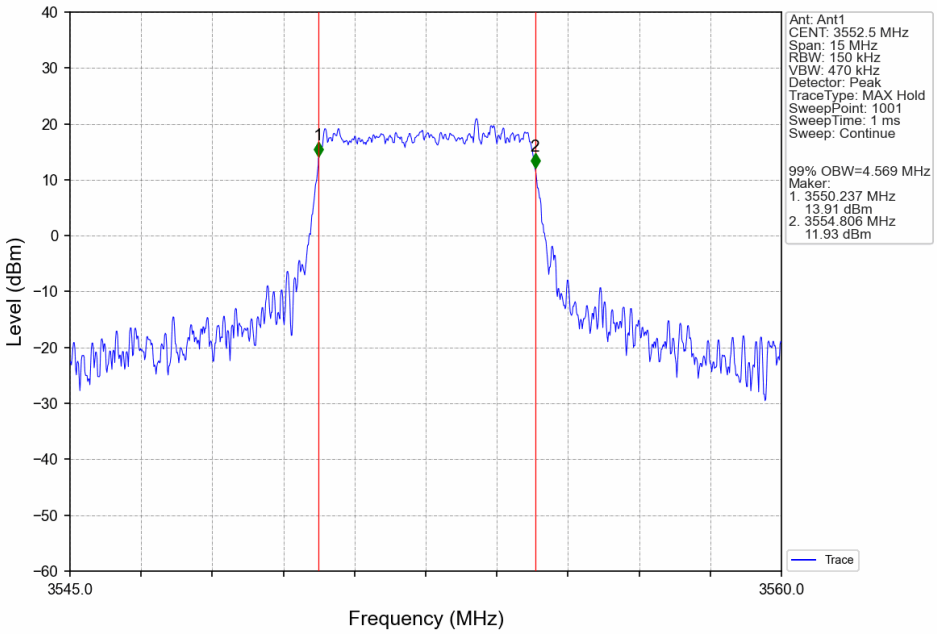
Band42c_5MHz_QPSK_MCH_3575MHz_RB_25_0_NTNV



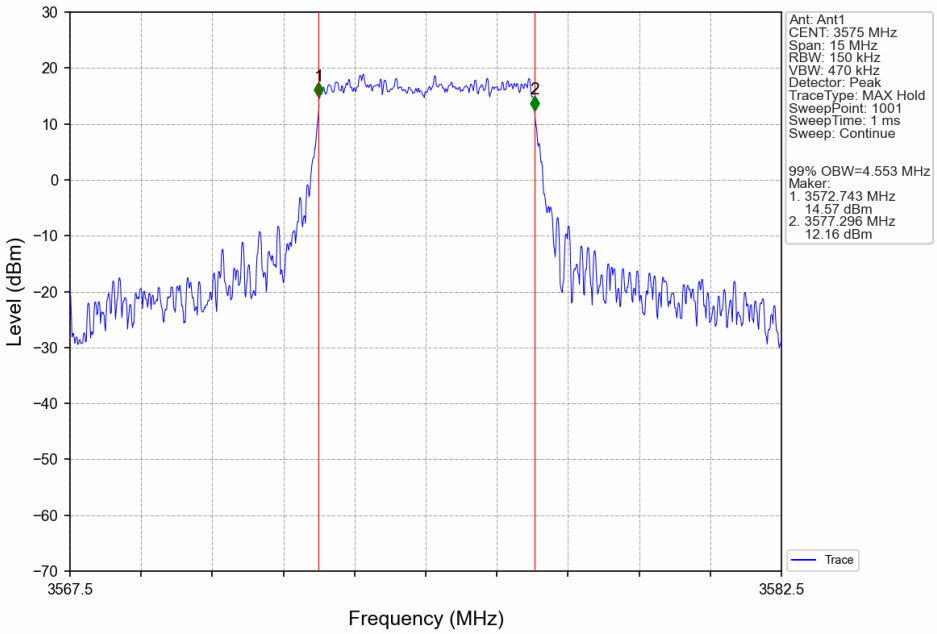
Band42c_5MHz_QPSK_HCH_3597.5MHz_RB_25_0_NTNV



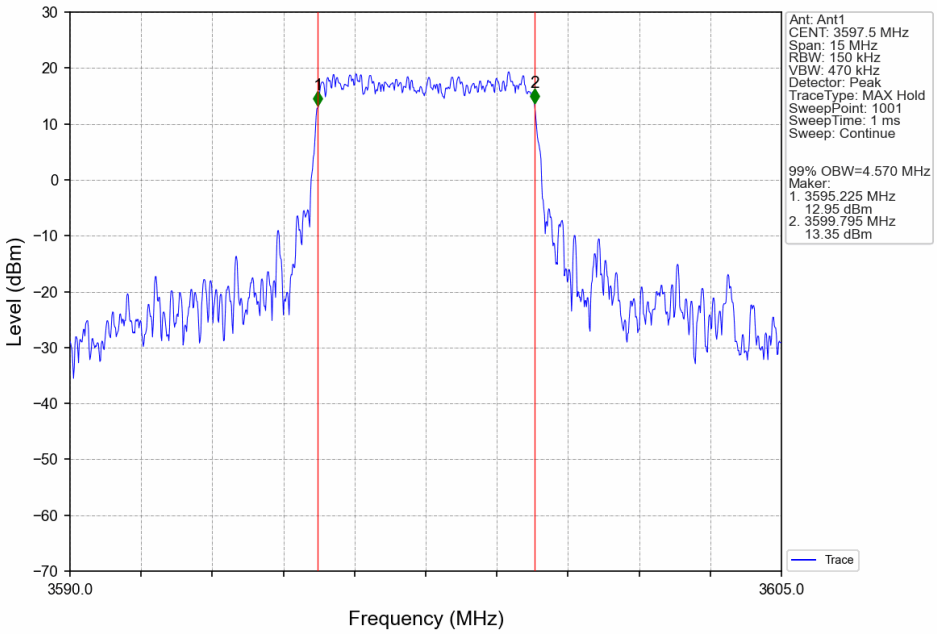
Band42c_5MHz_16QAM_LCH_3552.5MHz_RB_25_0_NTNV



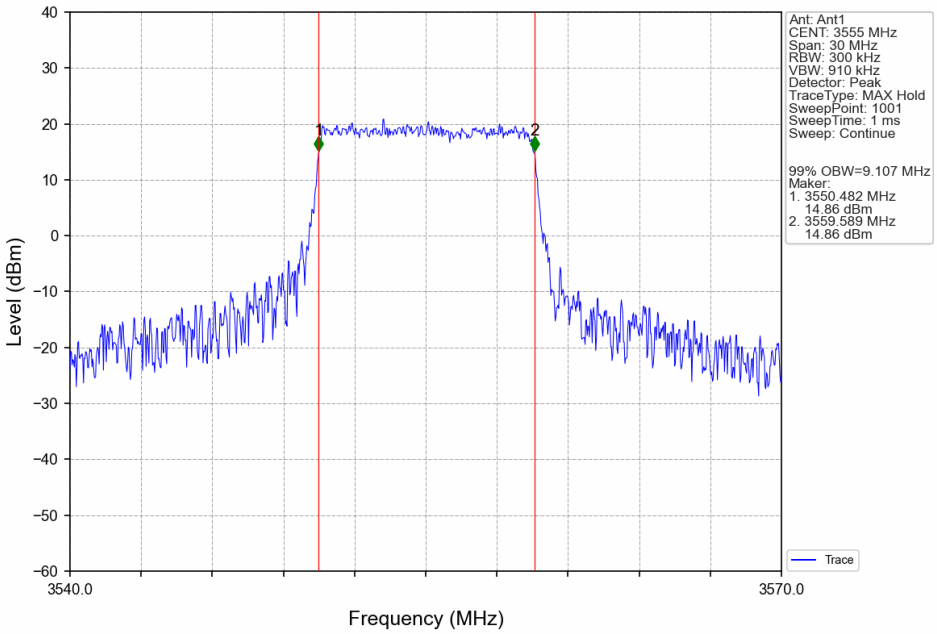
Band42c_5MHz_16QAM_MCH_3575MHz_RB_25_0_NTNV



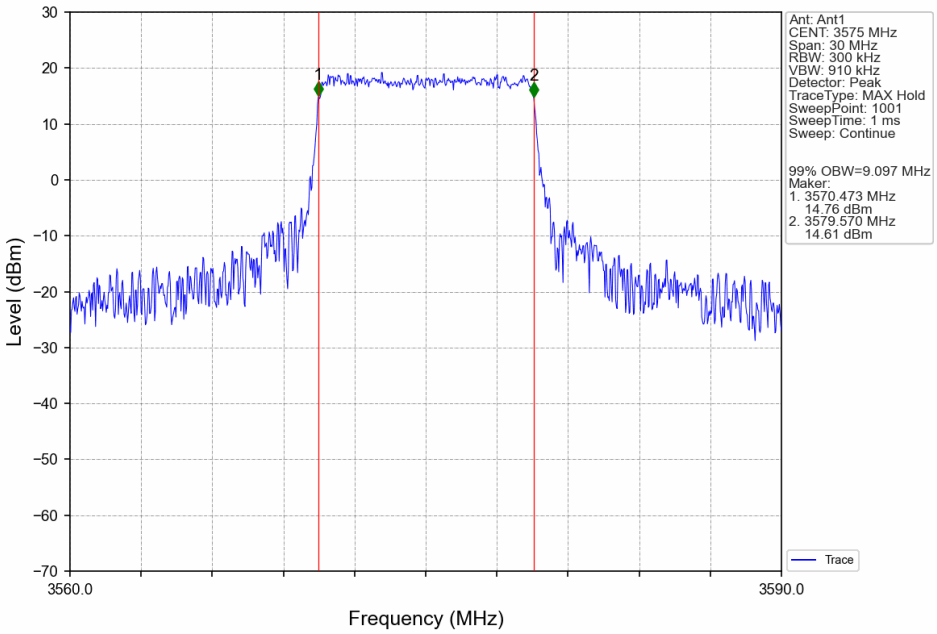
Band42c_5MHz_16QAM_HCH_3597.5MHz_RB_25_0_NTNV



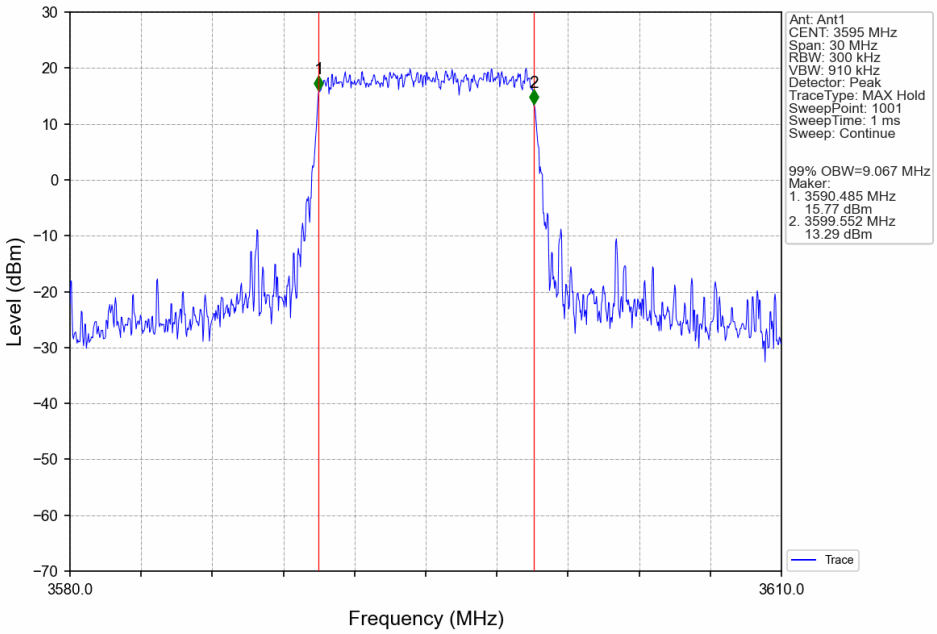
Band42c_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



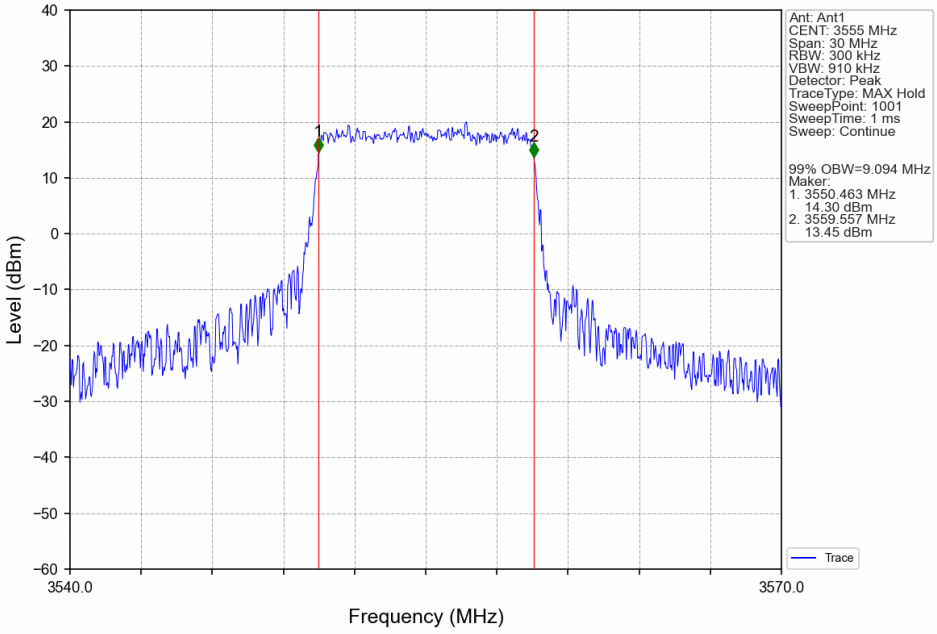
Band42c_10MHz_QPSK_MCH_3575MHz_RB_50_0_NTNV



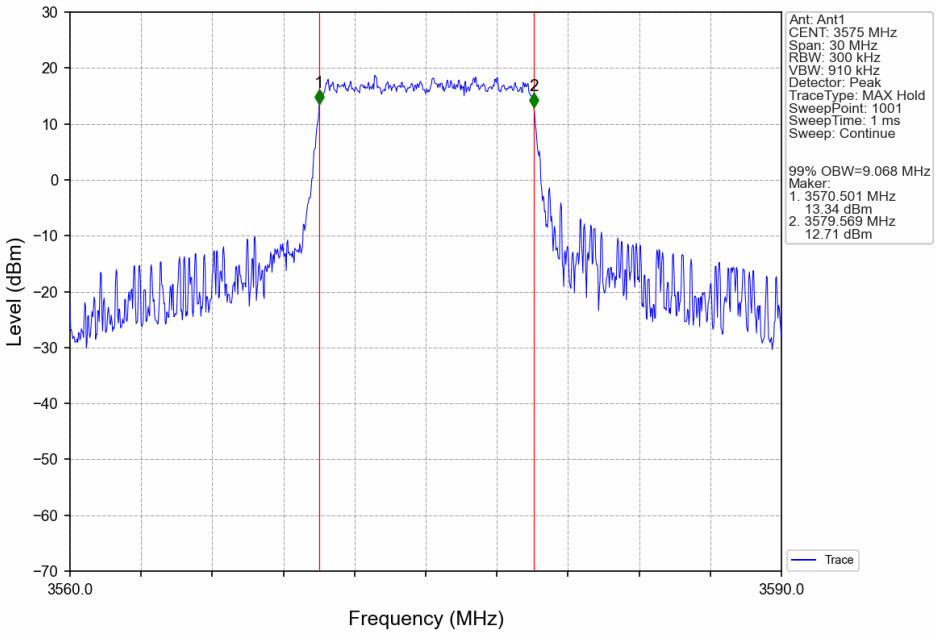
Band42c_10MHz_QPSK_HCH_3595MHz_RB_50_0_NTNV



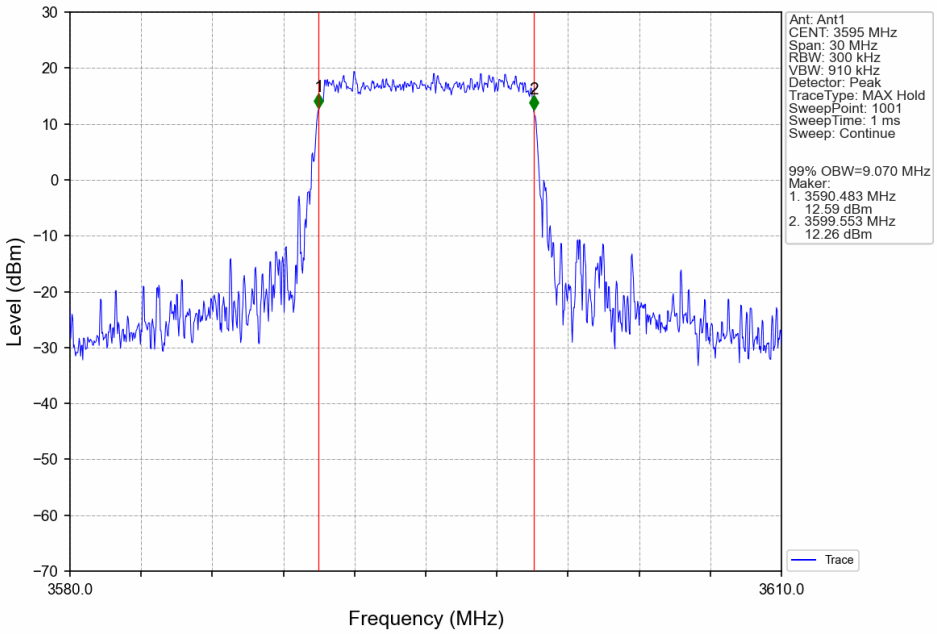
Band42c_10MHz_16QAM_LCH_3555MHz_RB_50_0_NTNV



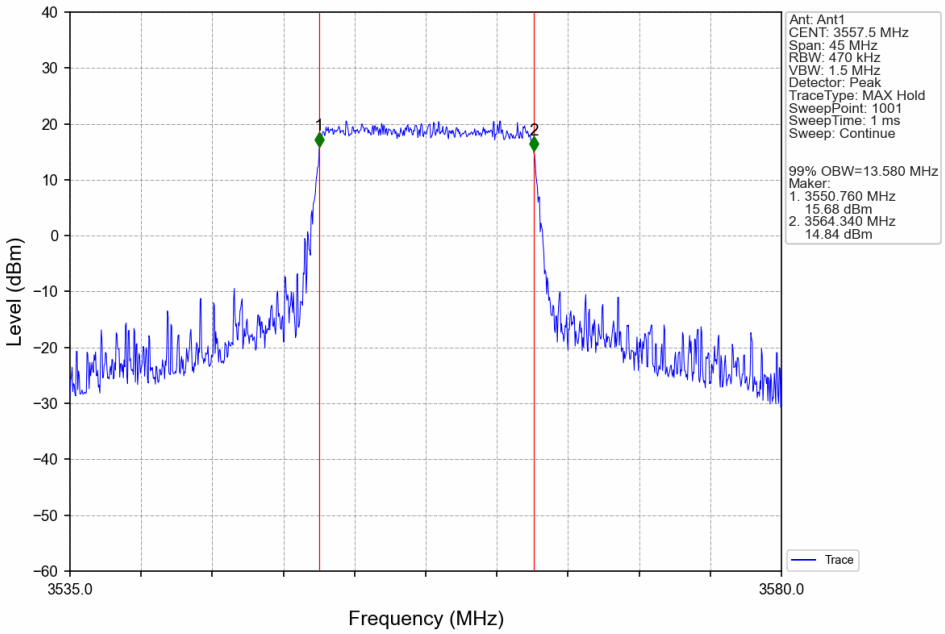
Band42c_10MHz_16QAM_MCH_3575MHz_RB_50_0_NTNV



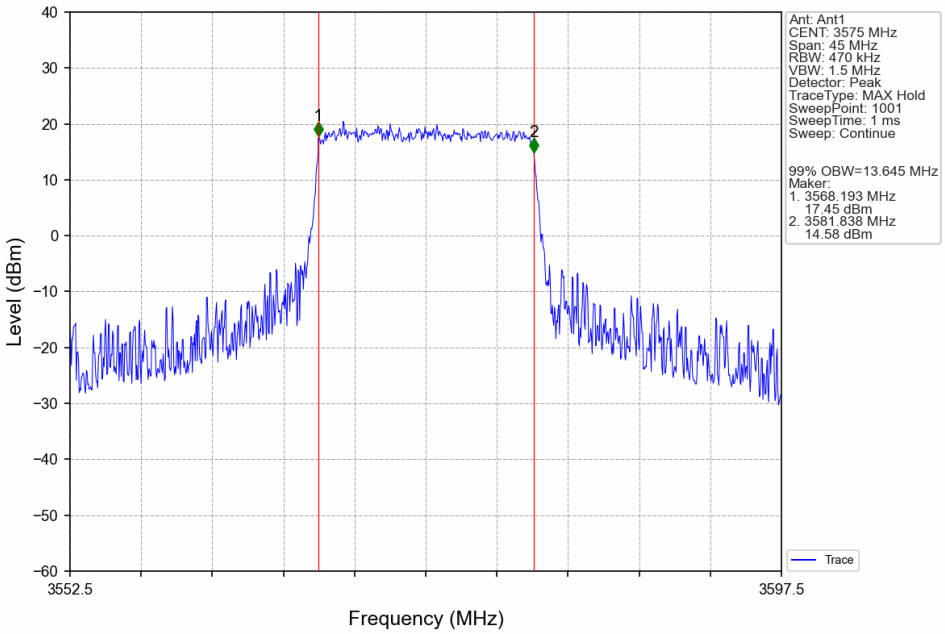
Band42c_10MHz_16QAM_HCH_3595MHz_RB_50_0_NTNV



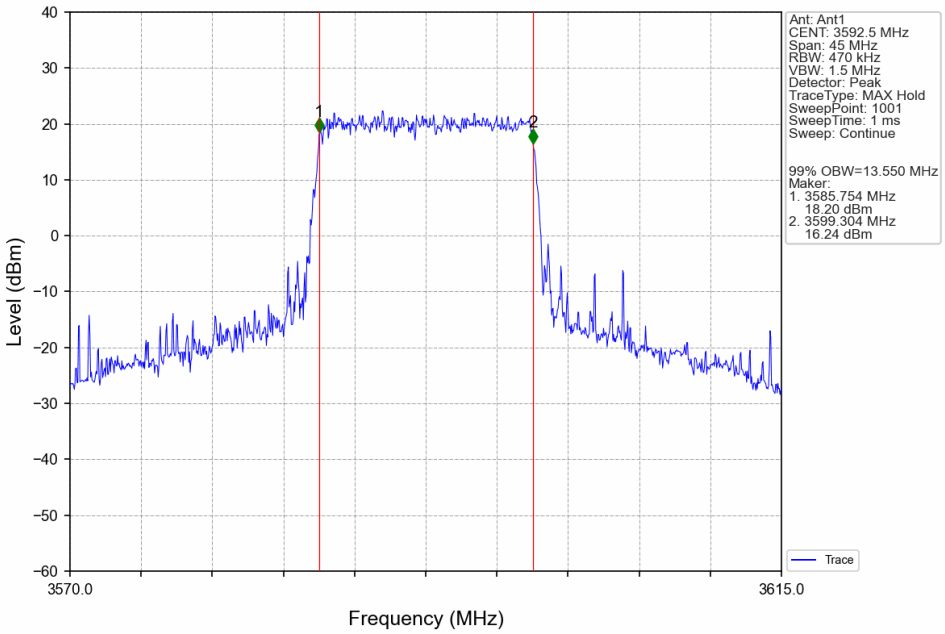
Band42c_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



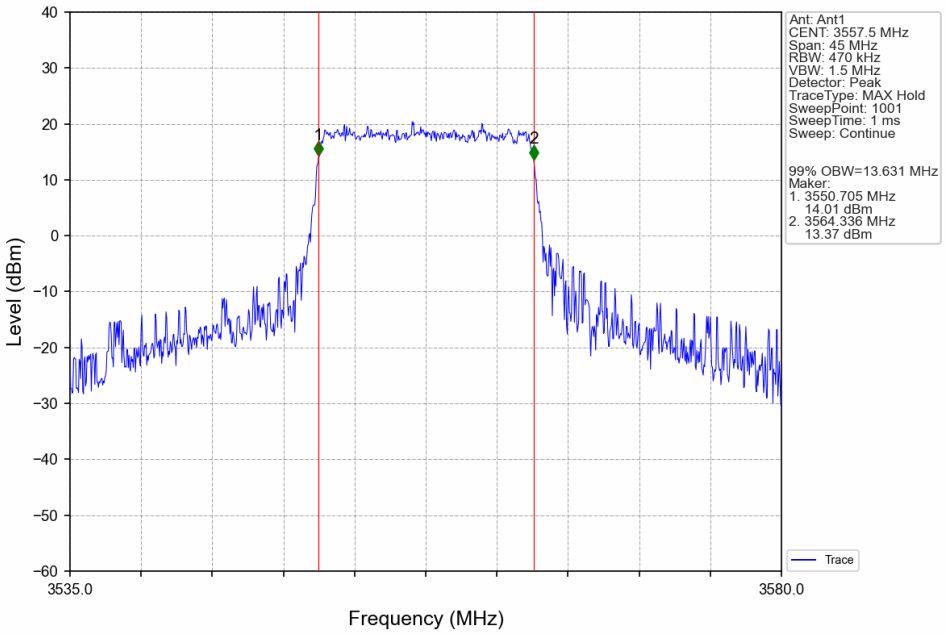
Band42c_15MHz_QPSK_MCH_3575MHz_RB_75_0_NTNV



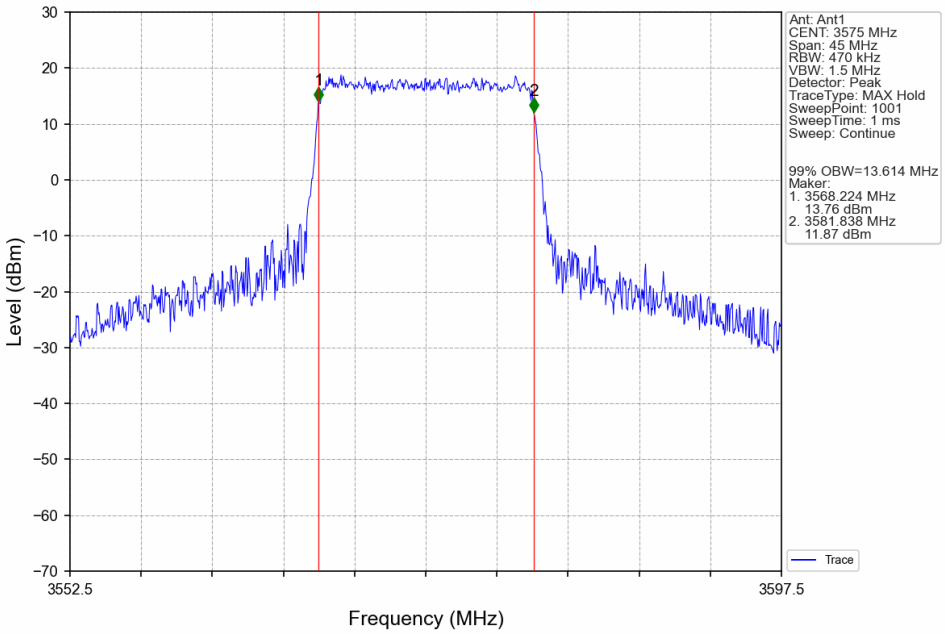
Band42c_15MHz_QPSK_HCH_3592.5MHz_RB_75_0_NTNV



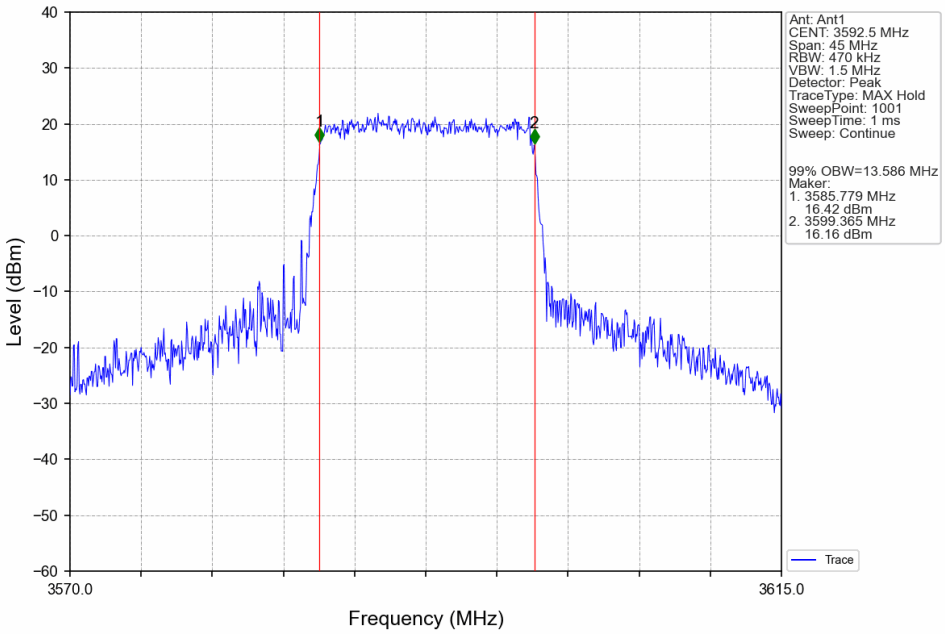
Band42c_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV



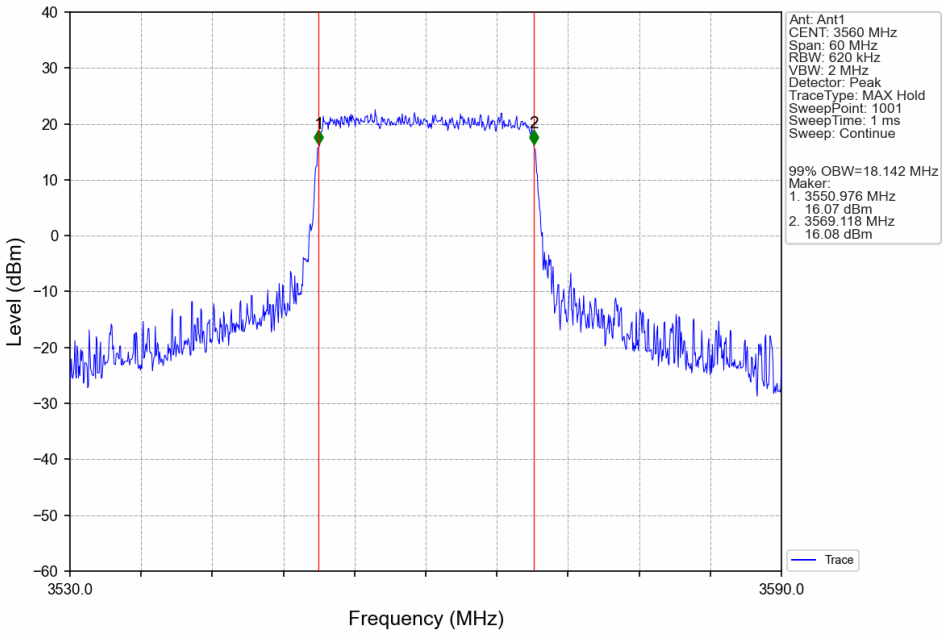
Band42c_15MHz_16QAM_MCH_3575MHz_RB_75_0_NTNV



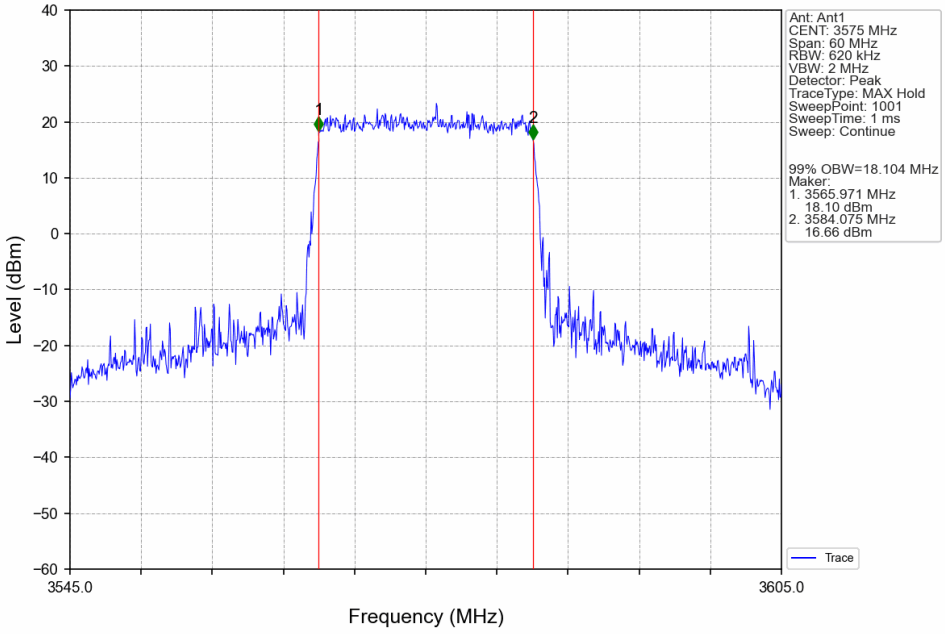
Band42c_15MHz_16QAM_HCH_3592.5MHz_RB_75_0_NTNV



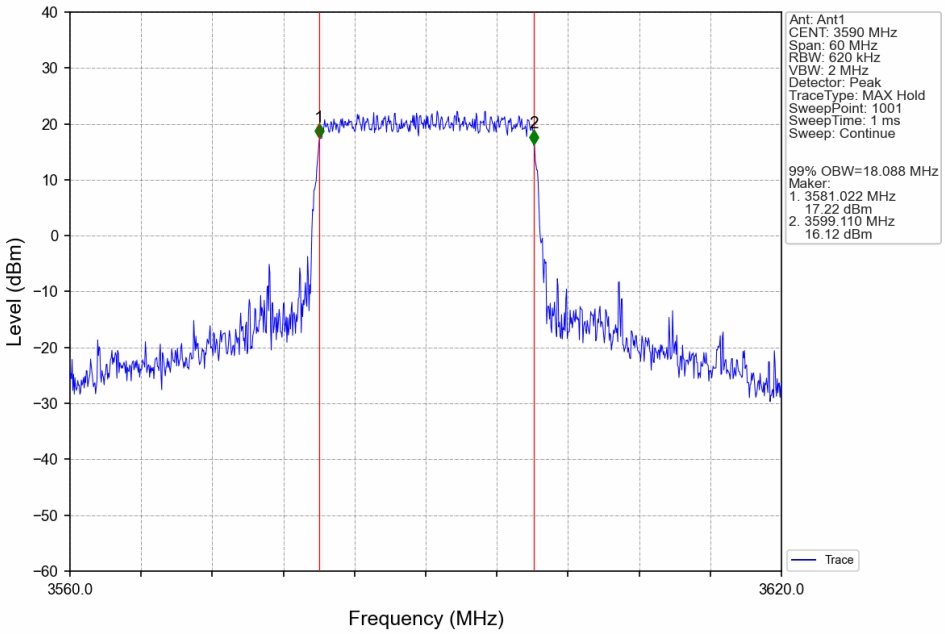
Band42c_20MHz_QPSK_LCH_3560MHz_RB_100_0_NTNV



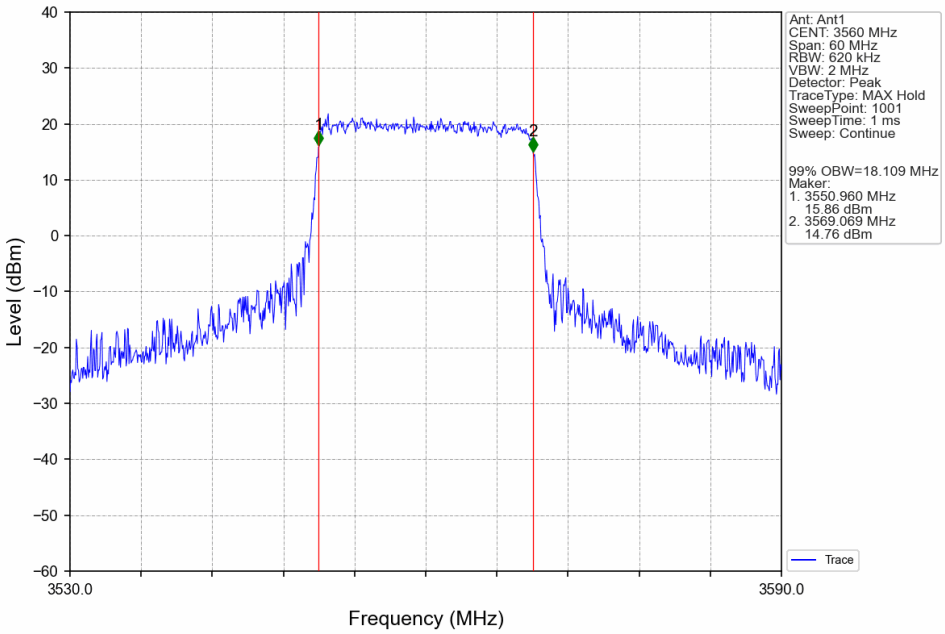
Band42c_20MHz_QPSK_MCH_3575MHz_RB_100_0_NTNV



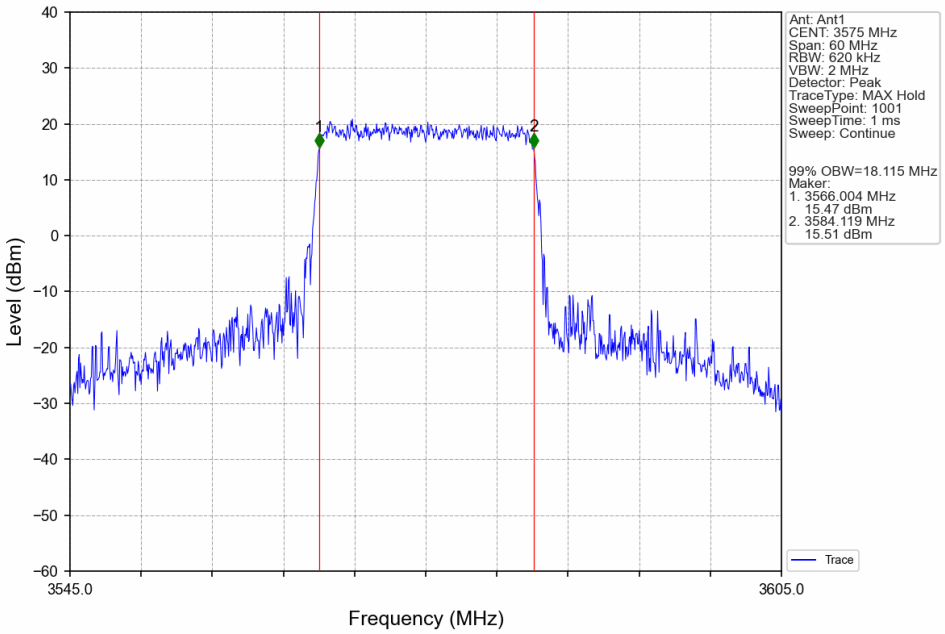
Band42c_20MHz_QPSK_HCH_3590MHz_RB_100_0_NTNV



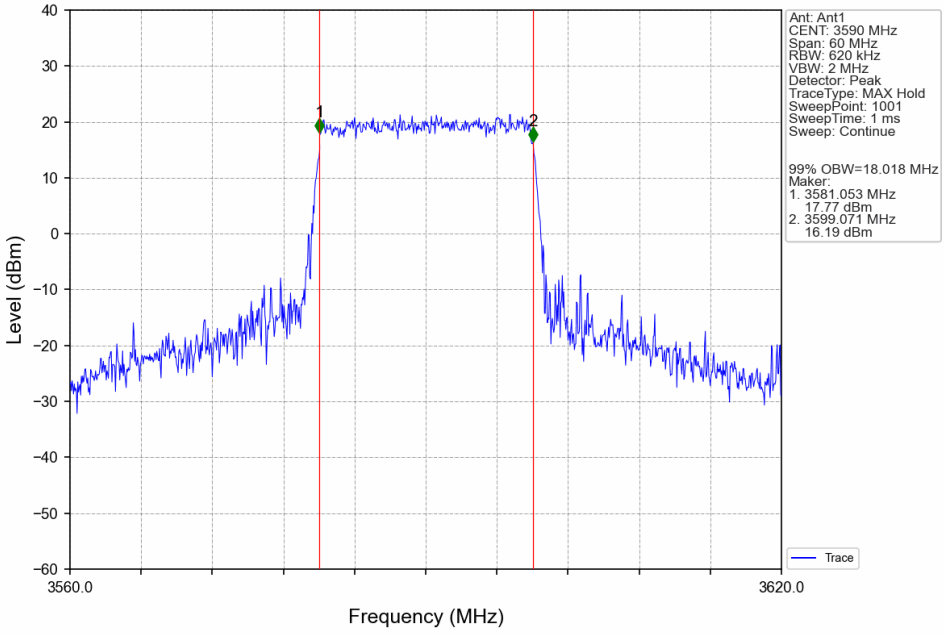
Band42c_20MHz_16QAM_LCH_3560MHz_RB_100_0_NTNV



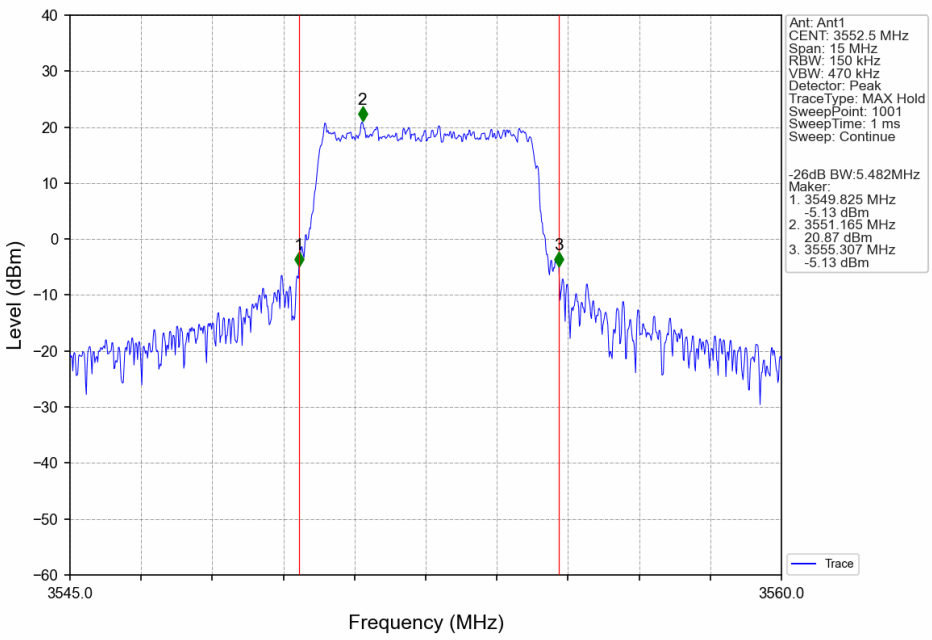
Band42c_20MHz_16QAM_MCH_3575MHz_RB_100_0_NTNV

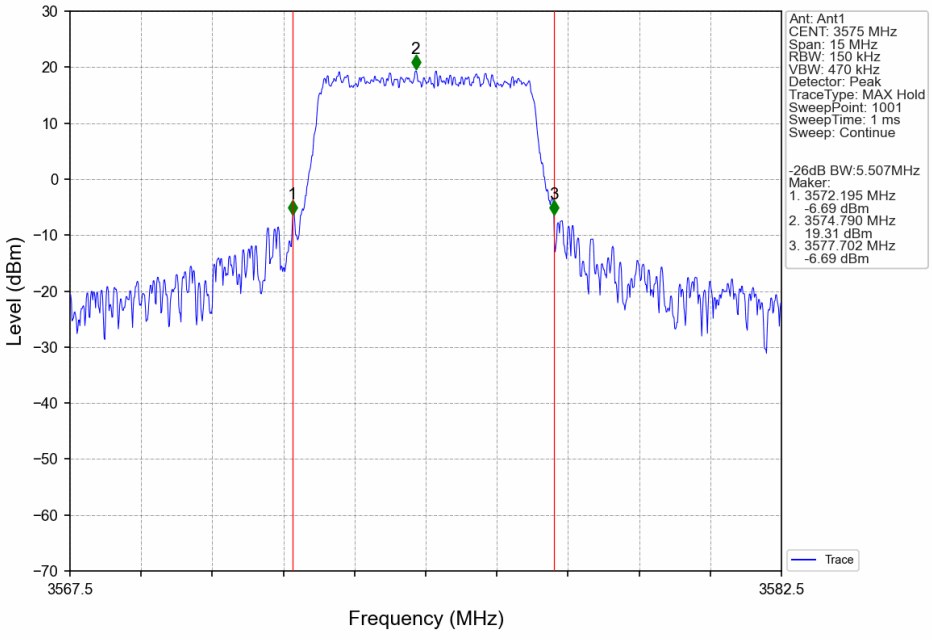


Band42c_20MHz_16QAM_HCH_3590MHz_RB_100_0_NTNV

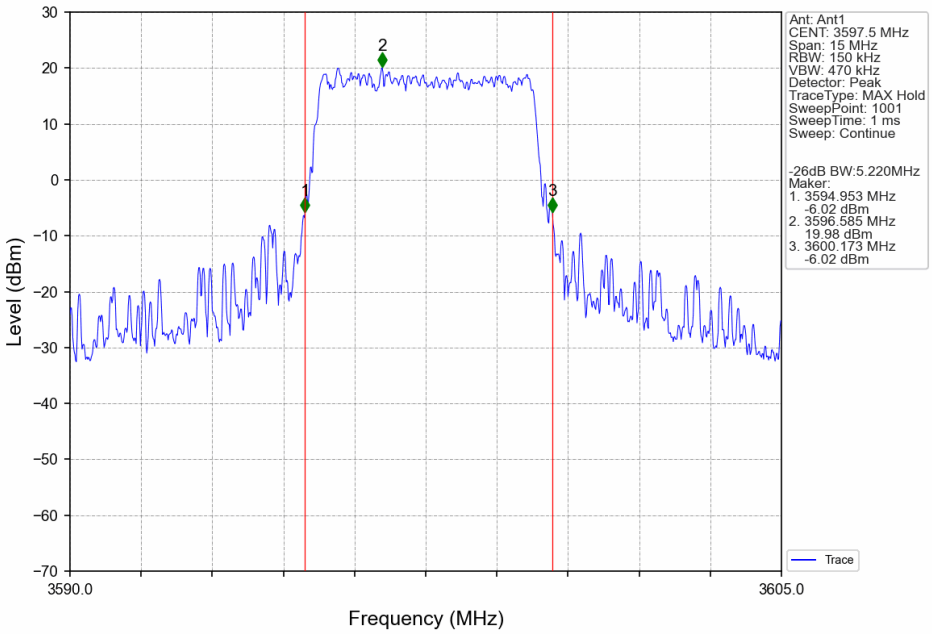


3.2.2 Band42c_XDB

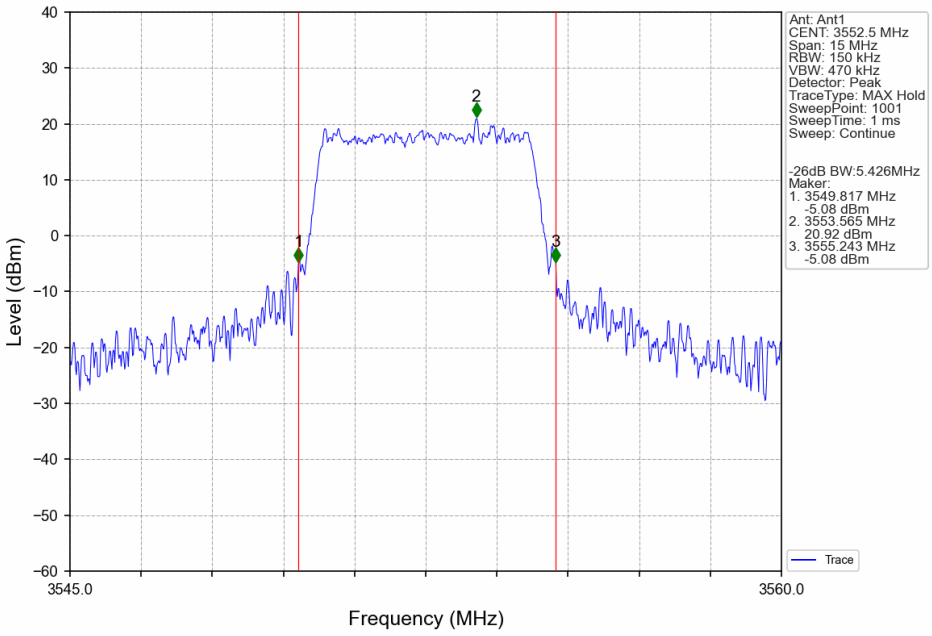
Band42c_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV


Band42c_5MHz_QPSK_MCH_3575MHz_RB_25_0_NTNV


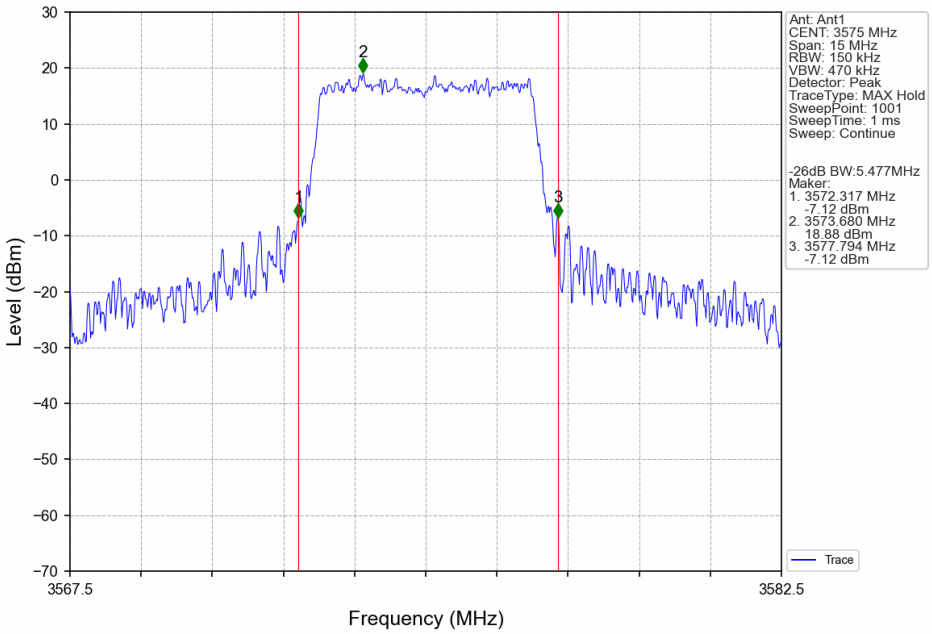
Band42c_5MHz_QPSK_HCH_3597.5MHz_RB_25_0_NTNV



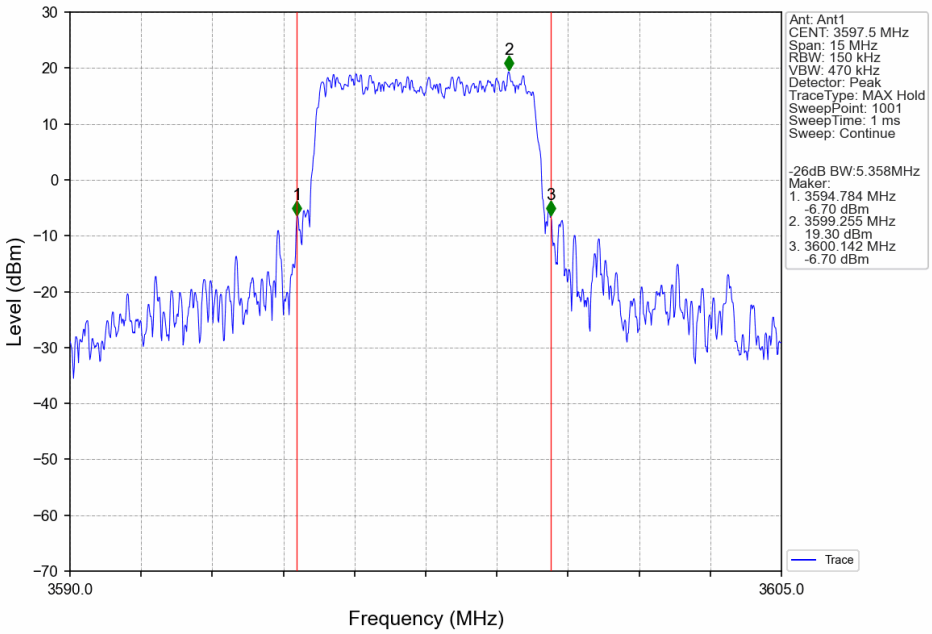
Band42c_5MHz_16QAM_LCH_3552.5MHz_RB_25_0_NTNV



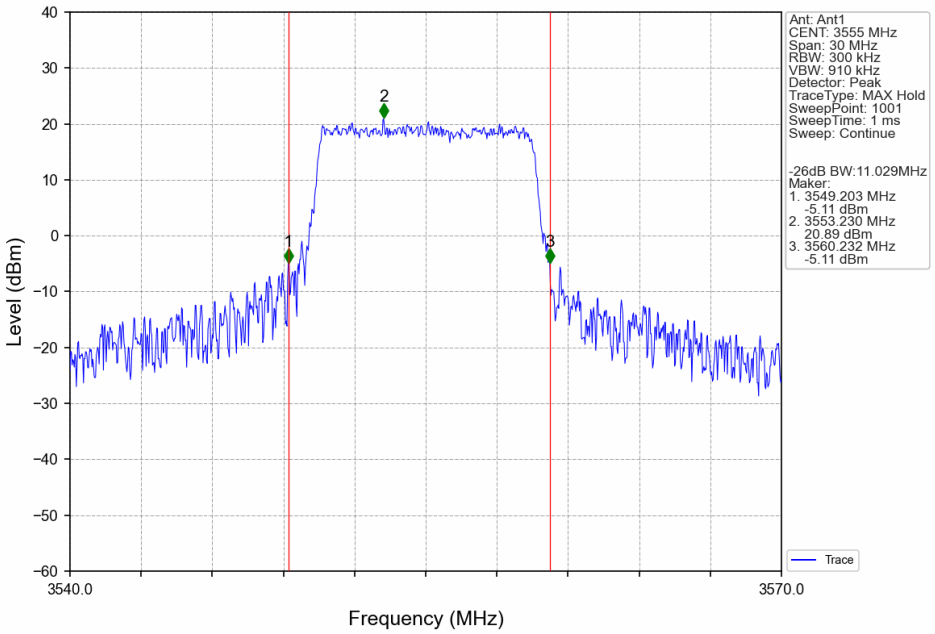
Band42c_5MHz_16QAM_MCH_3575MHz_RB_25_0_NTNV



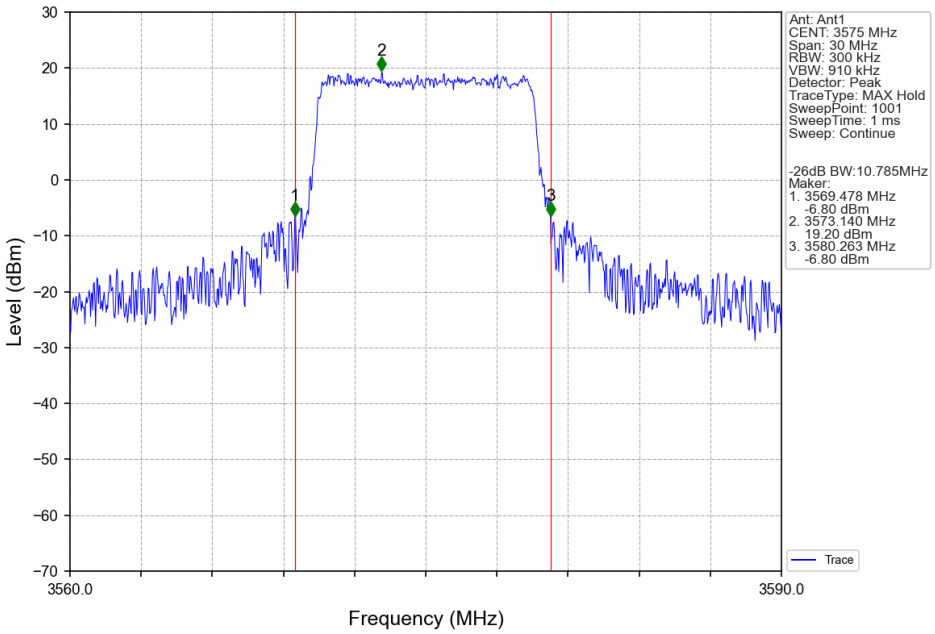
Band42c_5MHz_16QAM_HCH_3597.5MHz_RB_25_0_NTNV



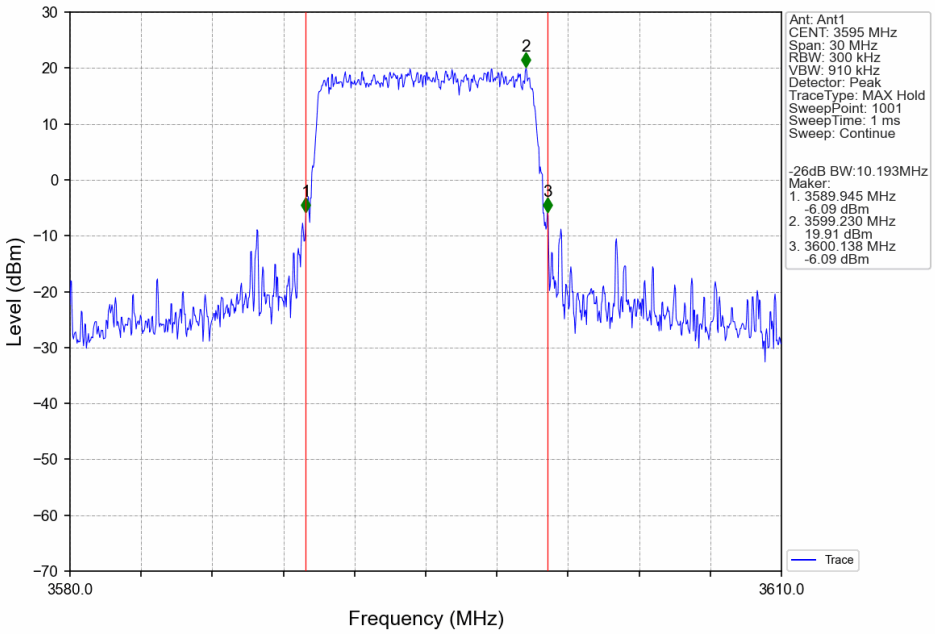
Band42c_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



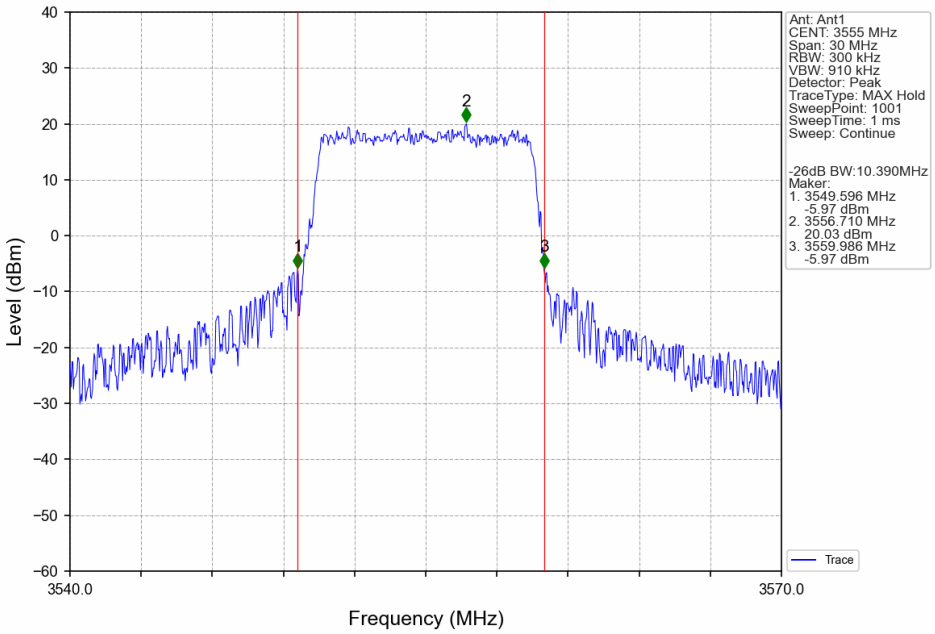
Band42c_10MHz_QPSK_MCH_3575MHz_RB_50_0_NTNV



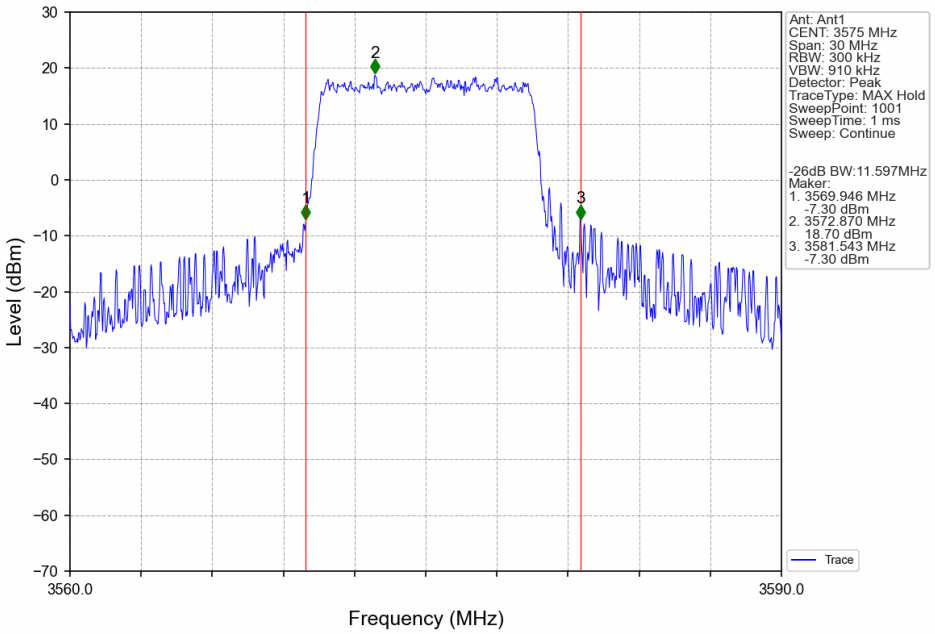
Band42c_10MHz_QPSK_HCH_3595MHz_RB_50_0_NTNV



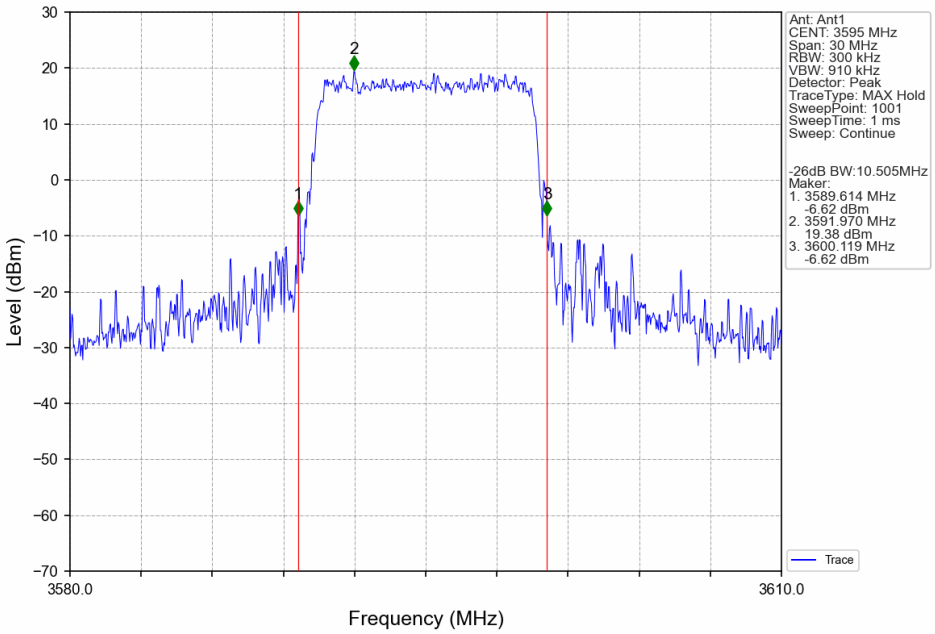
Band42c_10MHz_16QAM_LCH_3555MHz_RB_50_0_NTNV



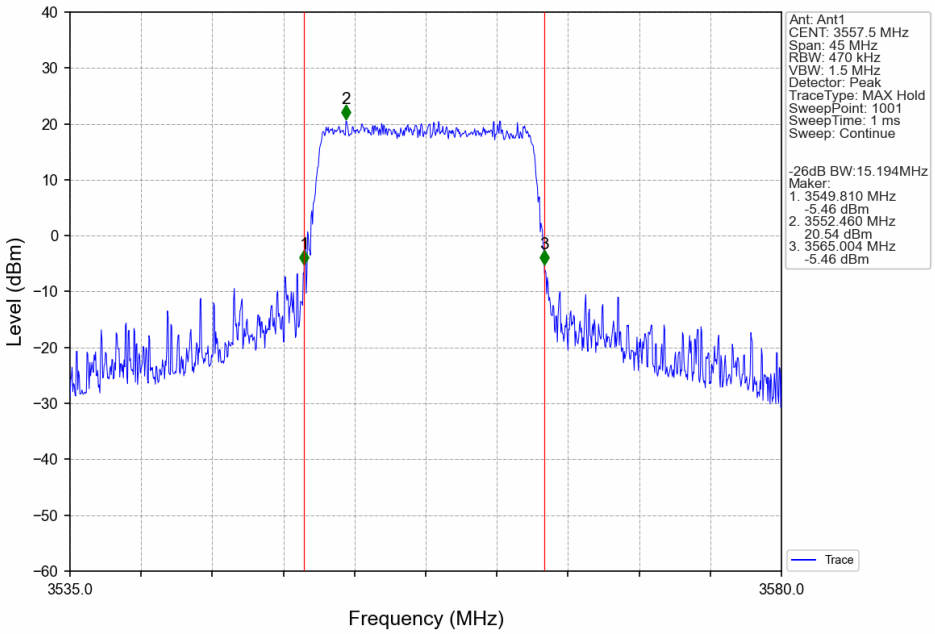
Band42c_10MHz_16QAM_MCH_3575MHz_RB_50_0_NTNV



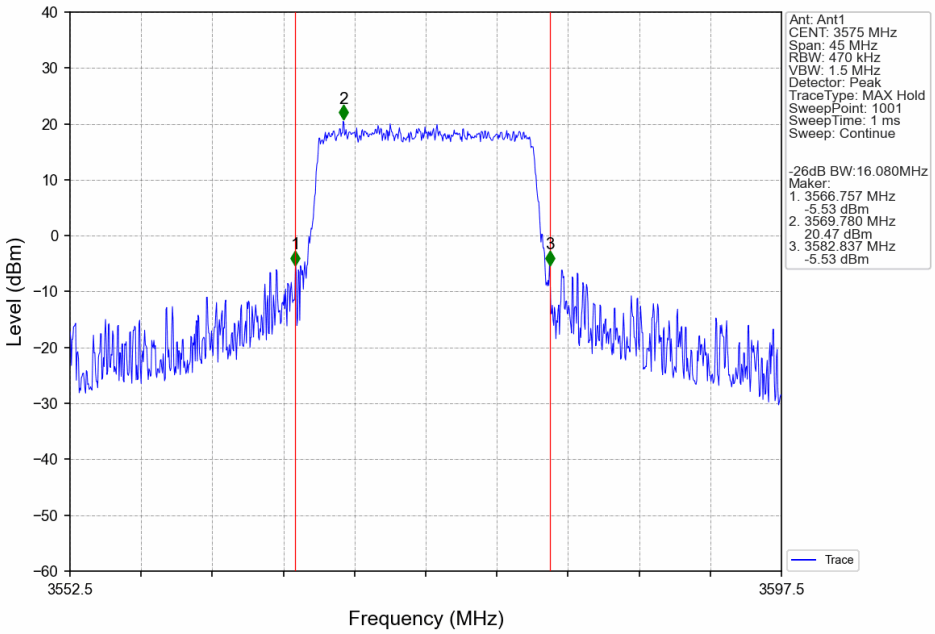
Band42c_10MHz_16QAM_HCH_3595MHz_RB_50_0_NTNV



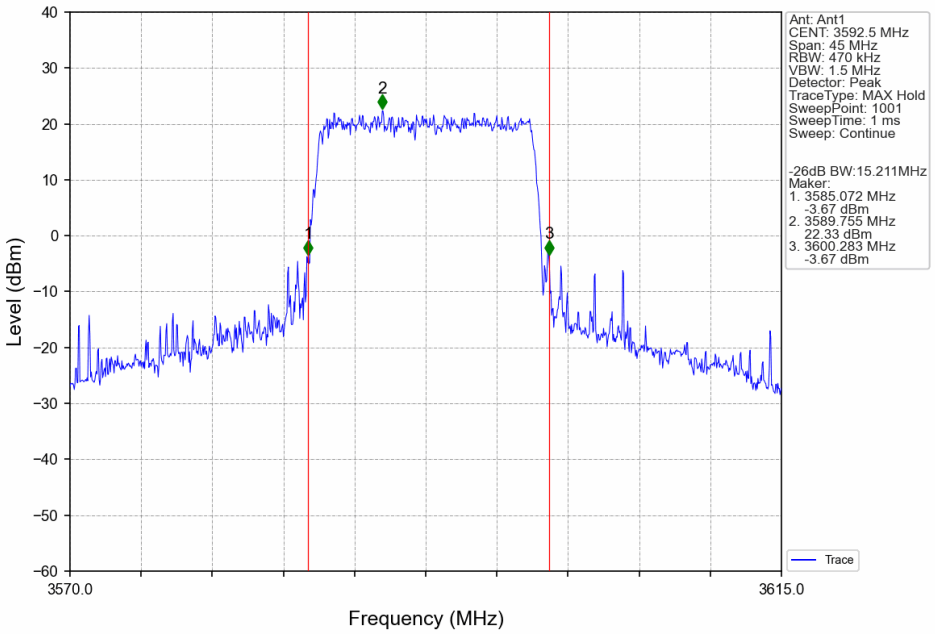
Band42c_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



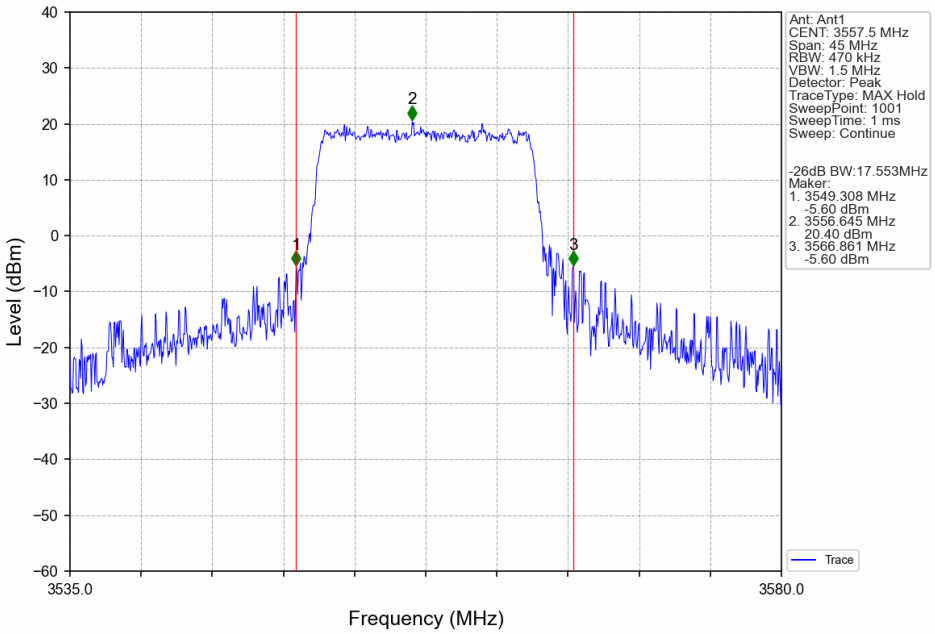
Band42c_15MHz_QPSK_MCH_3575MHz_RB_75_0_NTNV



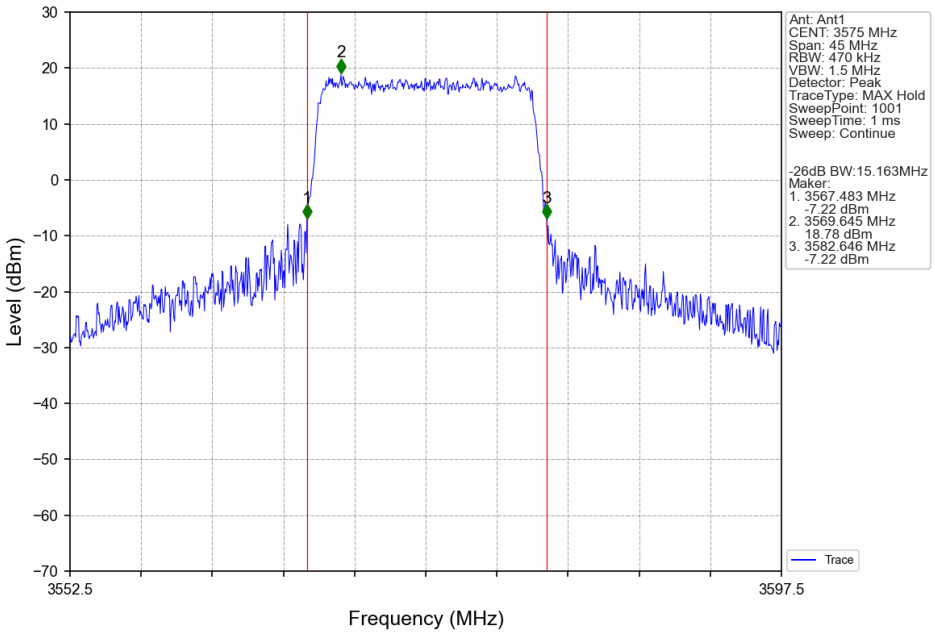
Band42c_15MHz_QPSK_HCH_3592.5MHz_RB_75_0_NTNV



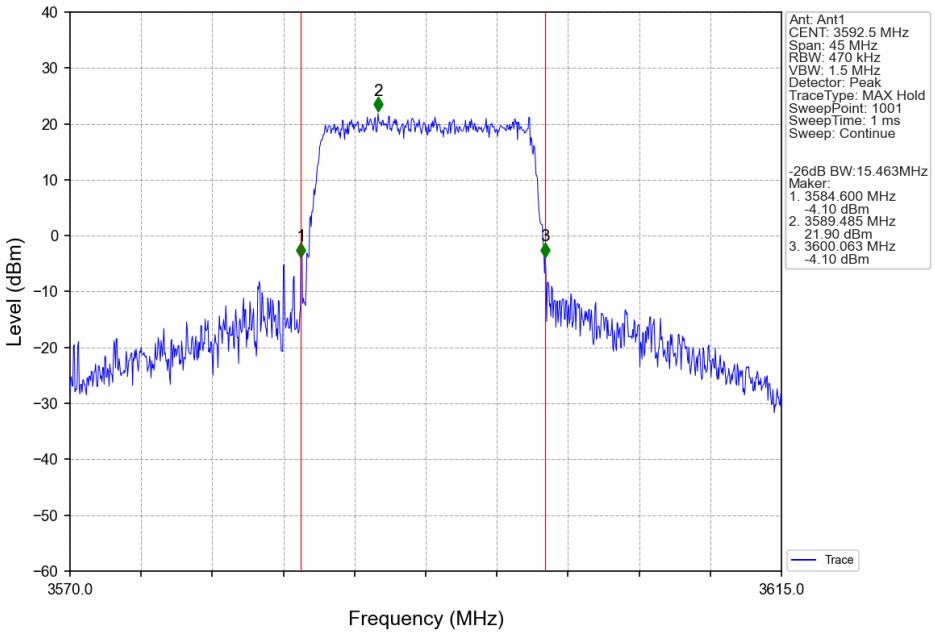
Band42c_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV



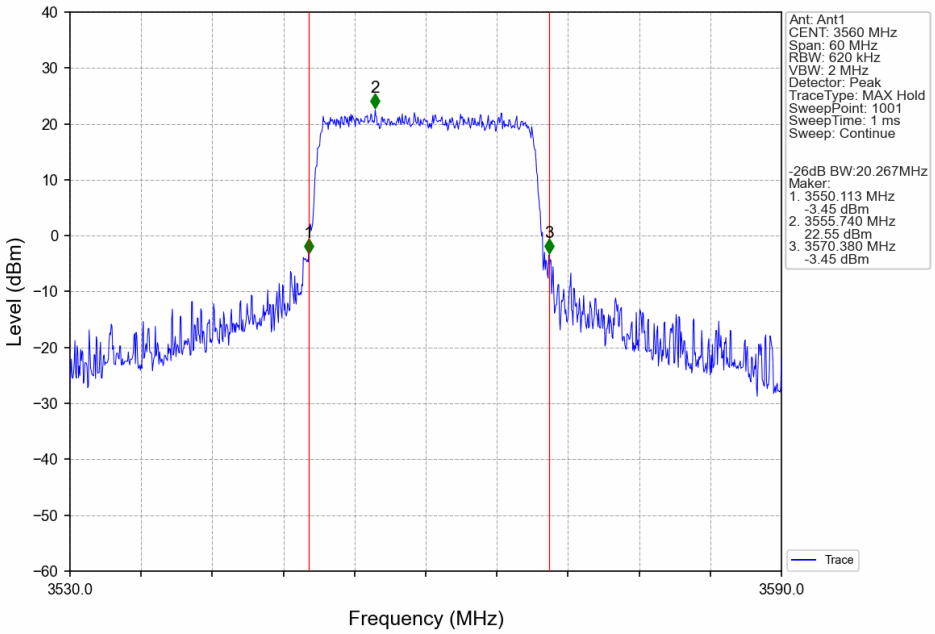
Band42c_15MHz_16QAM_MCH_3575MHz_RB_75_0_NTNV



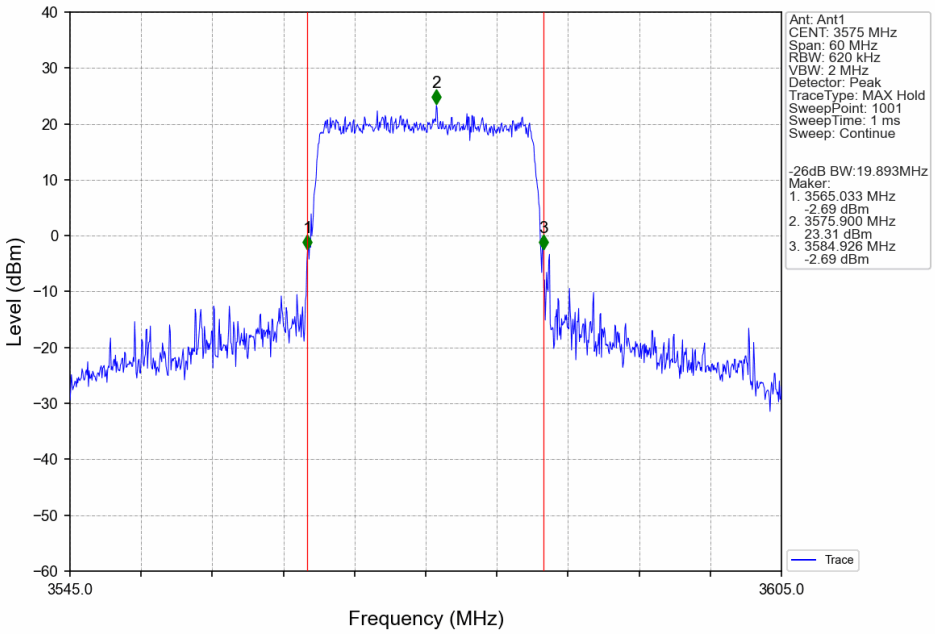
Band42c_15MHz_16QAM_HCH_3592.5MHz_RB_75_0_NTNV



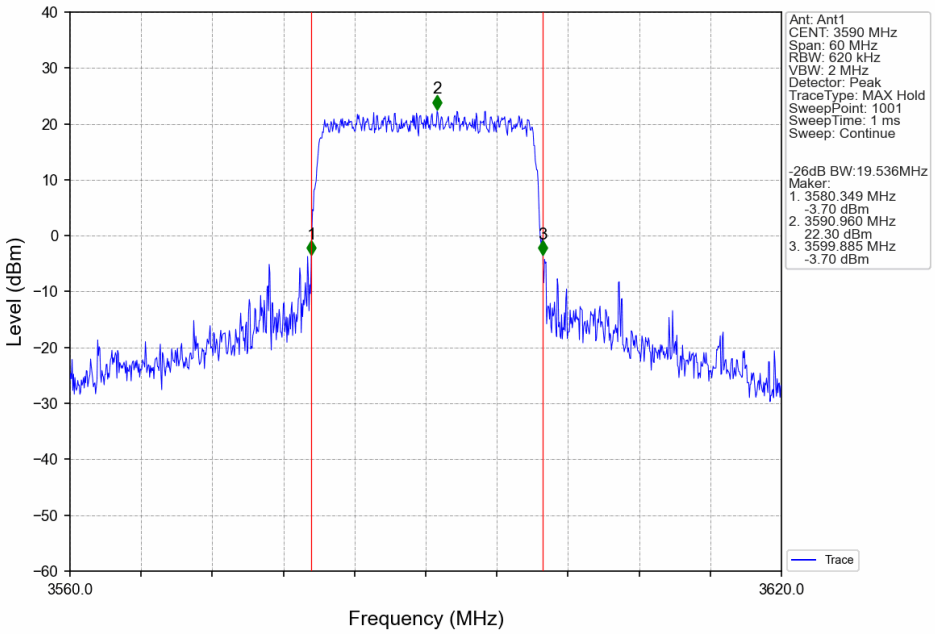
Band42c_20MHz_QPSK_LCH_3560MHz_RB_100_0_NTNV



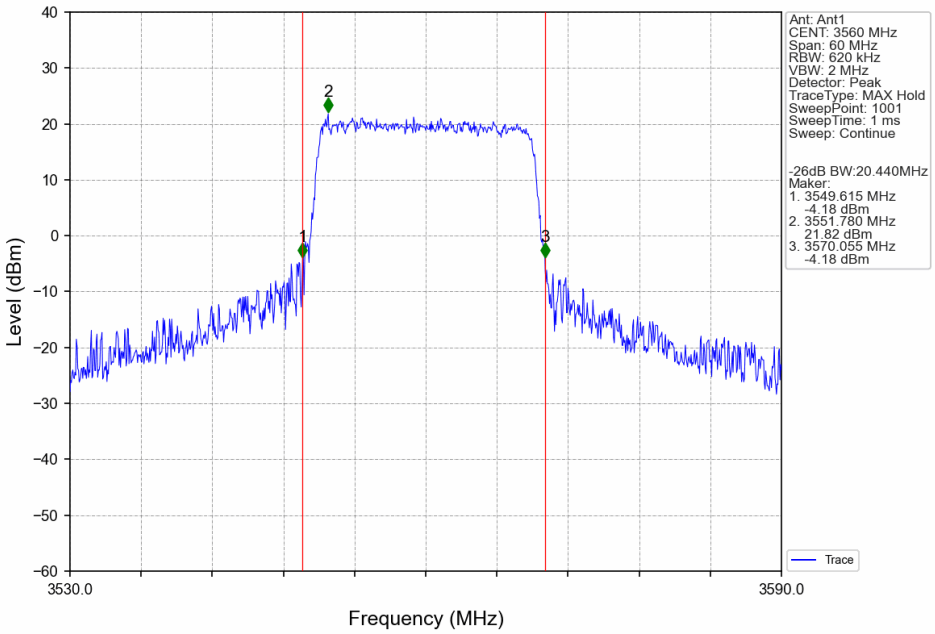
Band42c_20MHz_QPSK_MCH_3575MHz_RB_100_0_NTNV



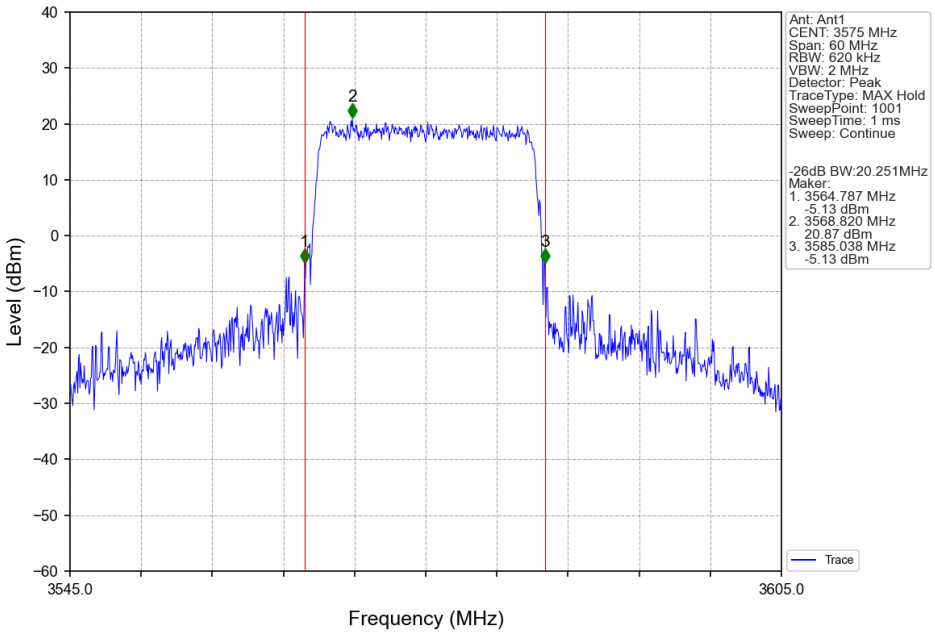
Band42c_20MHz_QPSK_HCH_3590MHz_RB_100_0_NTNV



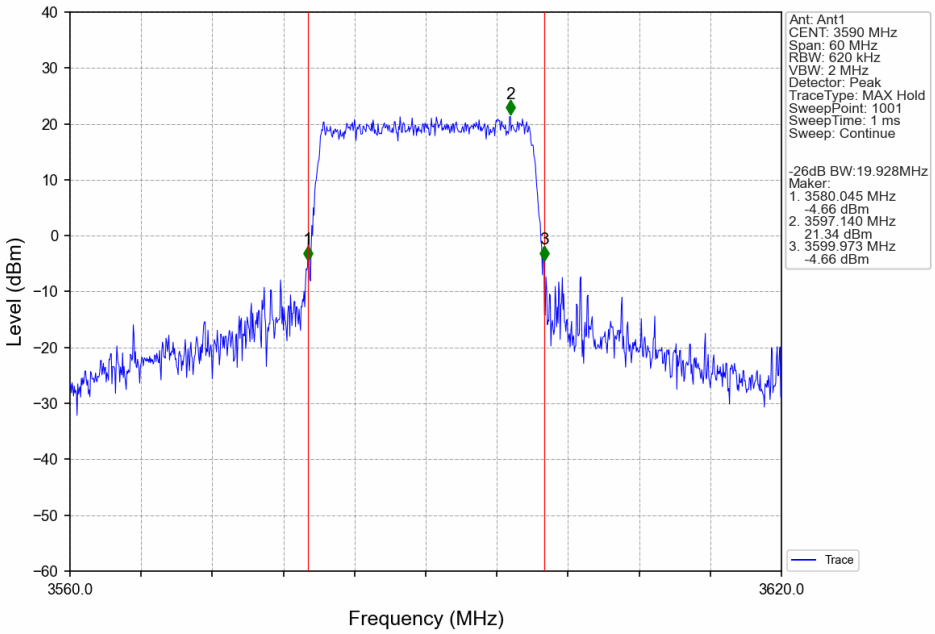
Band42c_20MHz_16QAM_LCH_3560MHz_RB_100_0_NTNV



Band42c_20MHz_16QAM_MCH_3575MHz_RB_100_0_NTNV



Band42c_20MHz_16QAM_HCH_3590MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B42c_5MHz

Band: 42c / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	25	0	9.08	<=13	Pass
	3575	25	0	9.01	<=13	Pass
	3597.5	25	0	9.14	<=13	Pass
16QAM	3552.5	25	0	9.86	<=13	Pass
	3575	25	0	9.84	<=13	Pass
	3597.5	25	0	9.78	<=13	Pass

5.1.2 B42c_10MHz

Band: 42c / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	50	0	9.10	<=13	Pass
	3575	50	0	9.33	<=13	Pass
	3595	50	0	9.03	<=13	Pass
16QAM	3555	50	0	9.85	<=13	Pass
	3575	50	0	9.79	<=13	Pass
	3595	50	0	9.79	<=13	Pass

5.1.3 B42c_15MHz

Band: 42c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	75	0	9.50	<=13	Pass
	3575	75	0	9.37	<=13	Pass
	3592.5	75	0	9.36	<=13	Pass
16QAM	3557.5	75	0	9.89	<=13	Pass
	3575	75	0	9.41	<=13	Pass
	3592.5	75	0	9.93	<=13	Pass

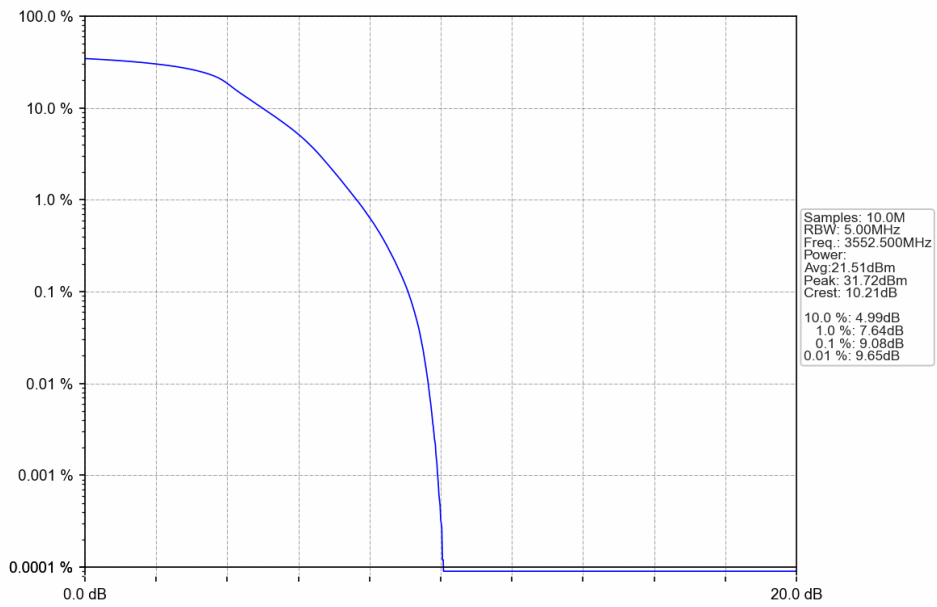
5.1.4 B42c_20MHz

Band: 42c / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	100	0	9.09	<=13	Pass
	3575	100	0	9.07	<=13	Pass
	3590	100	0	9.16	<=13	Pass
16QAM	3560	100	0	9.64	<=13	Pass
	3575	100	0	9.63	<=13	Pass
	3590	100	0	9.69	<=13	Pass

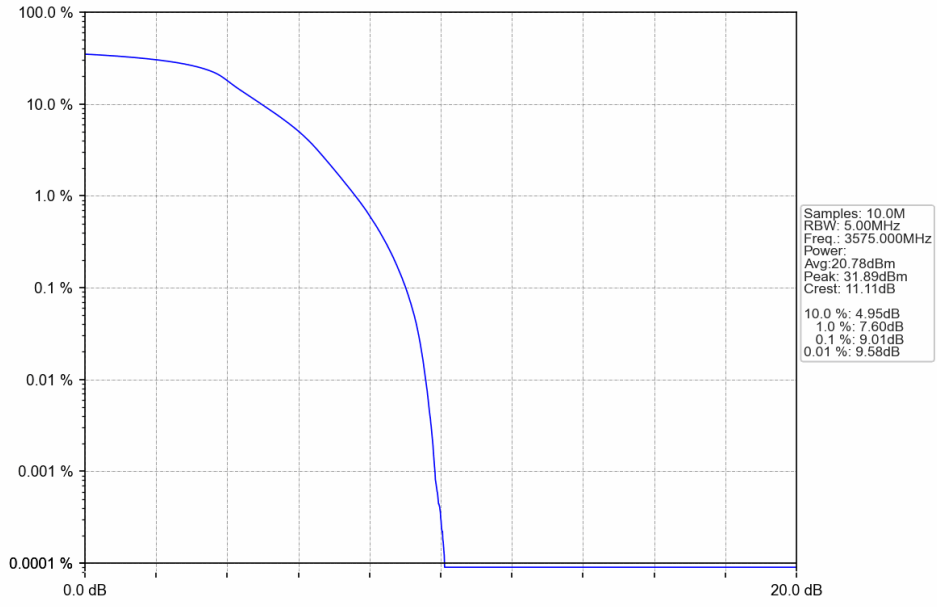
4.2 Test Graph

4.2.1 B42c_5MHz

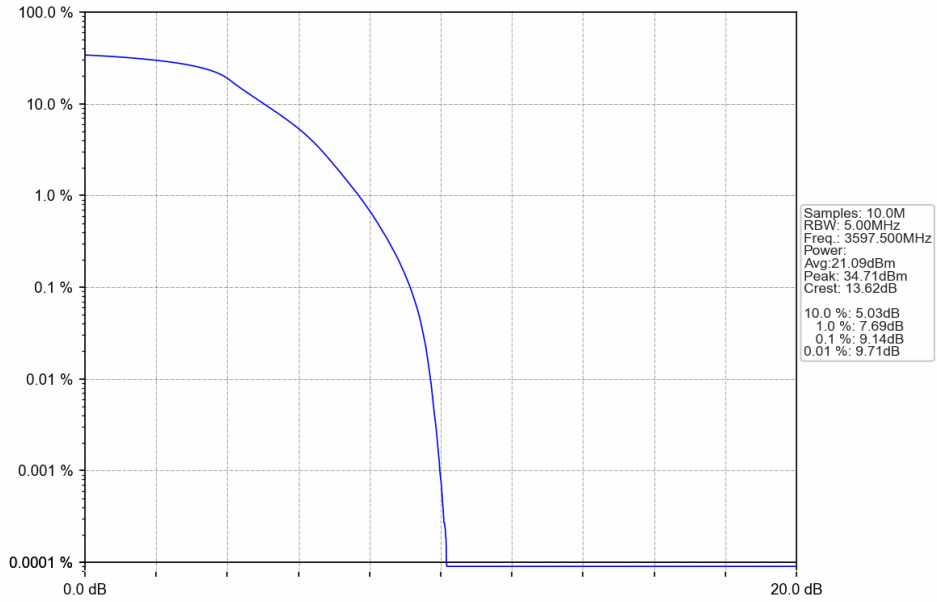
Band42c_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV



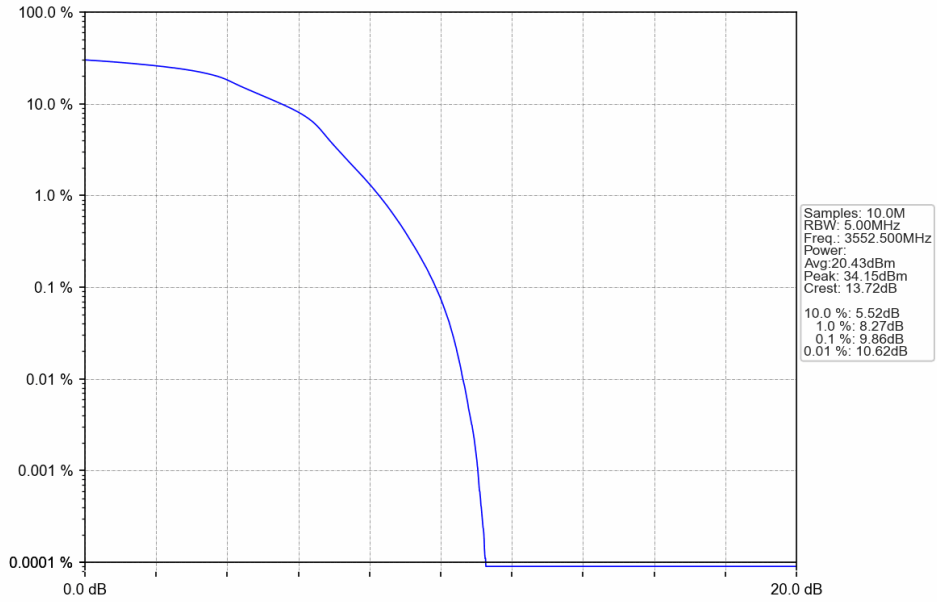
Band42c_5MHz_QPSK_MCH_3575MHz_RB_25_0_NTNV



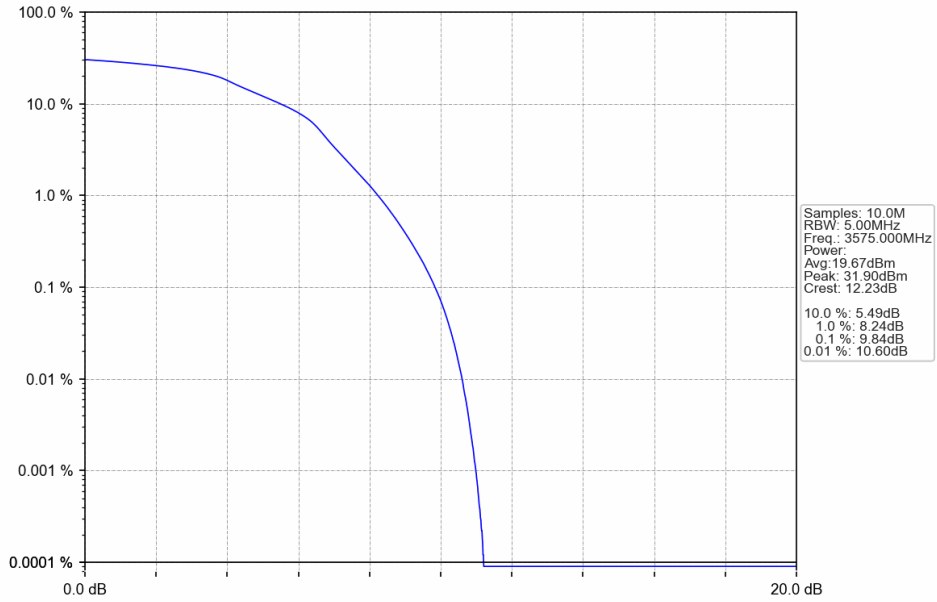
Band42c_5MHz_QPSK_HCH_3597.5MHz_RB_25_0_NTNV



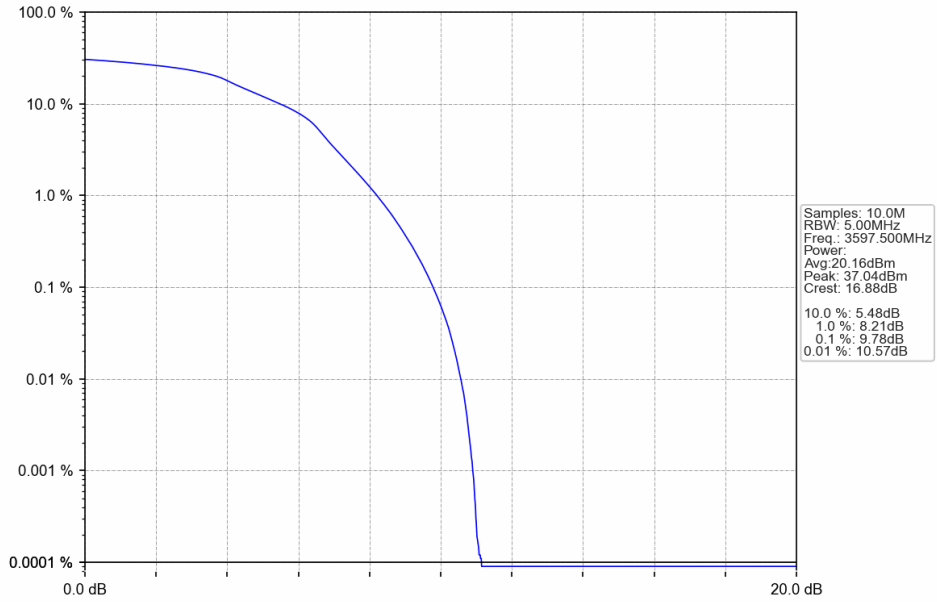
Band42c_5MHz_16QAM_LCH_3552.5MHz_RB_25_0_NTNV



Band42c_5MHz_16QAM_MCH_3575MHz_RB_25_0_NTNV

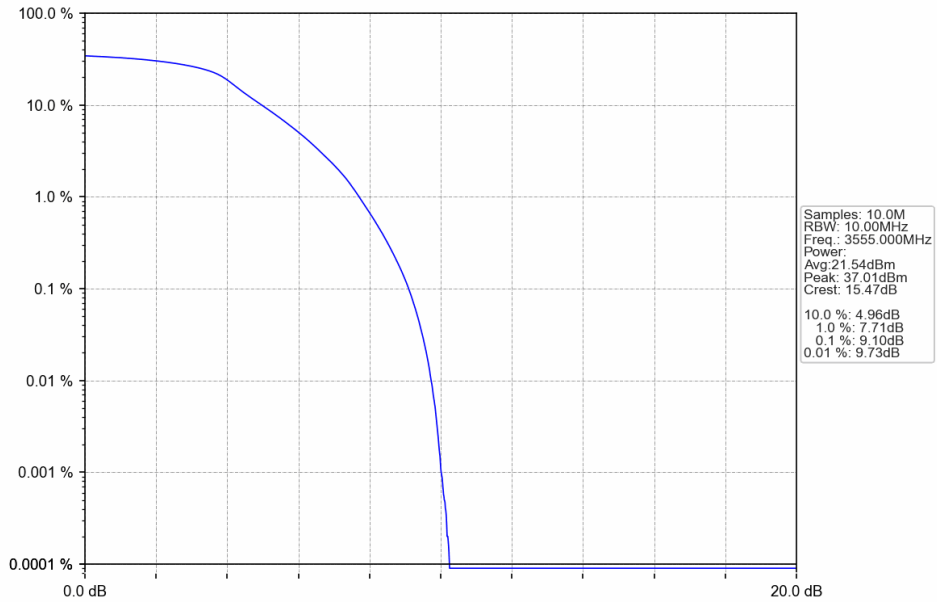


Band42c_5MHz_16QAM_HCH_3597.5MHz_RB_25_0_NTNV

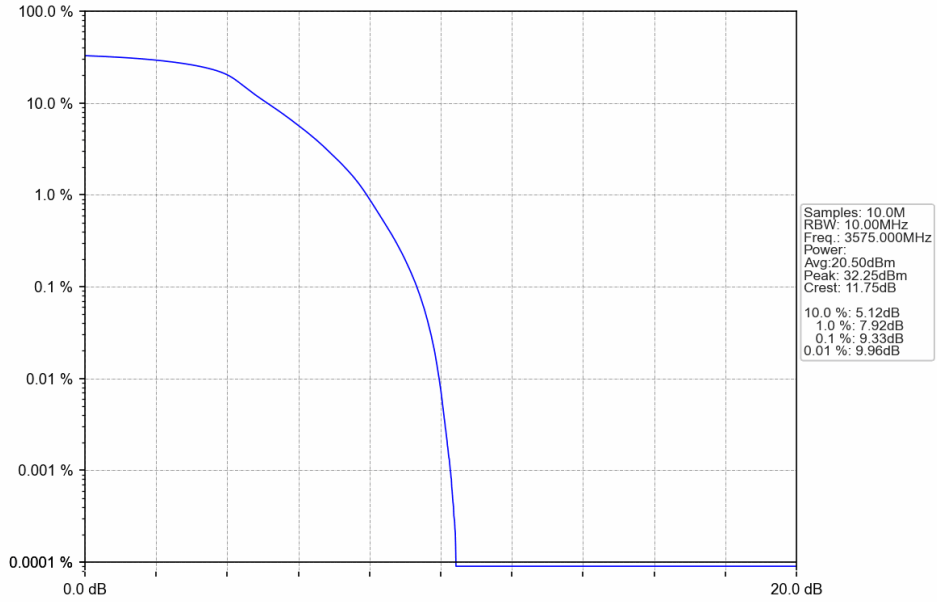


4.2.2 B42c_10MHz

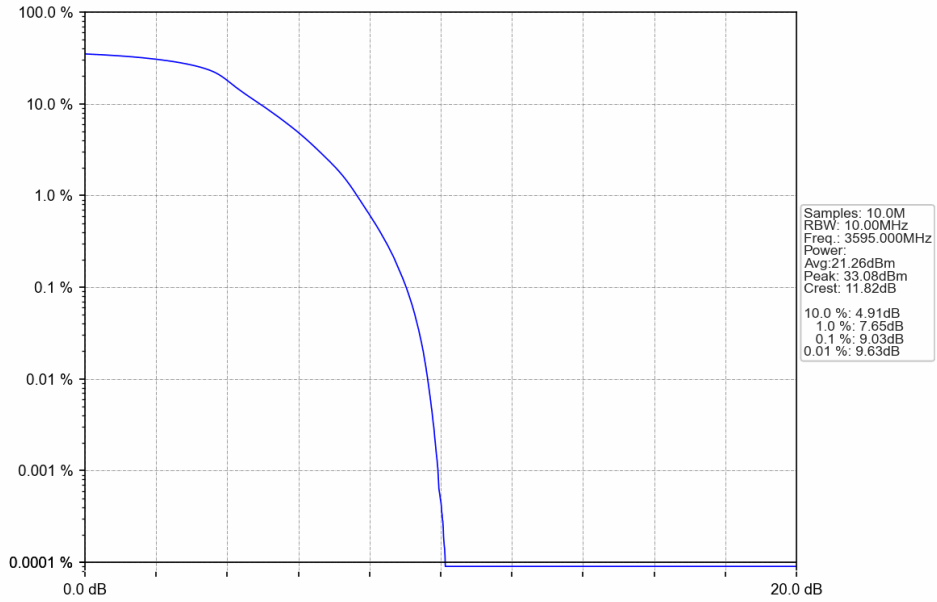
Band42c_10MHz_QPSK_LCH_3555MHz_RB_50_0_NTNV



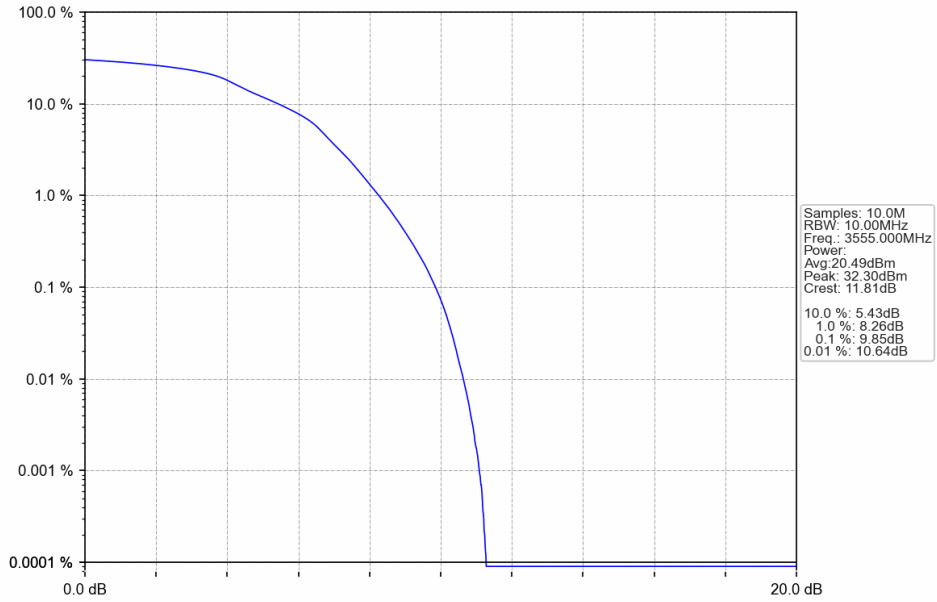
Band42c_10MHz_QPSK_MCH_3575MHz_RB_50_0_NTNV



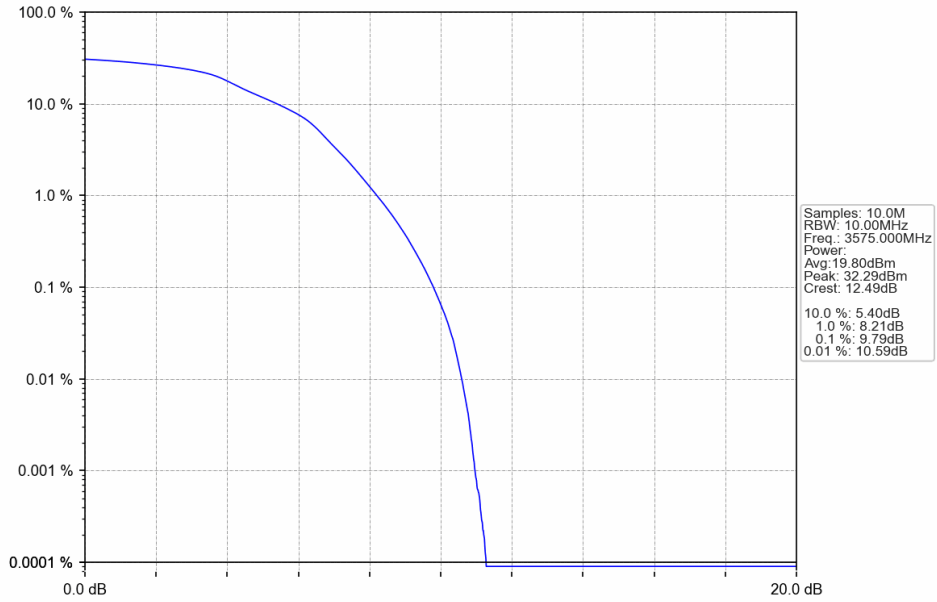
Band42c_10MHz_QPSK_HCH_3595MHz_RB_50_0_NTNV



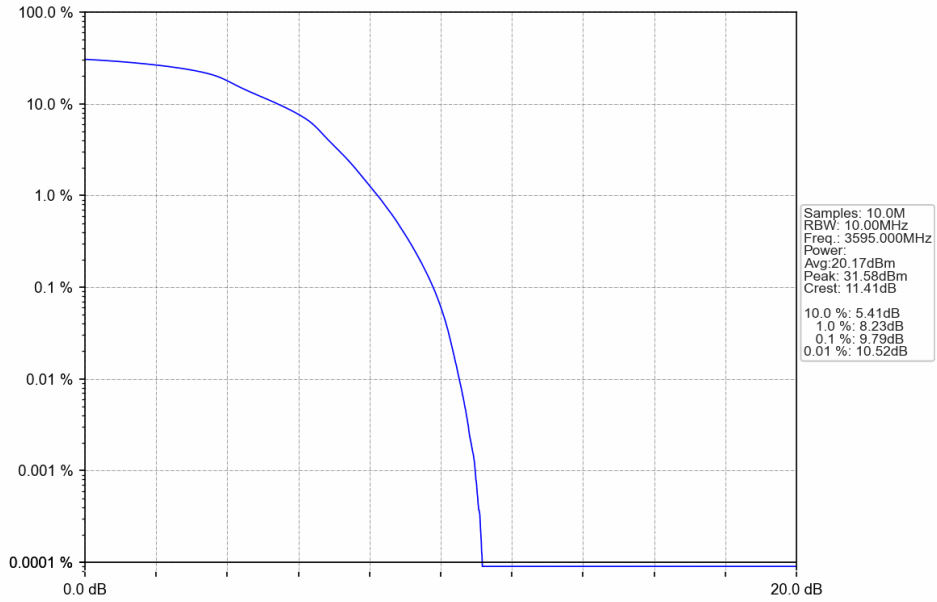
Band42c_10MHz_16QAM_LCH_3555MHz_RB_50_0_NTNV



Band42c_10MHz_16QAM_MCH_3575MHz_RB_50_0_NTNV

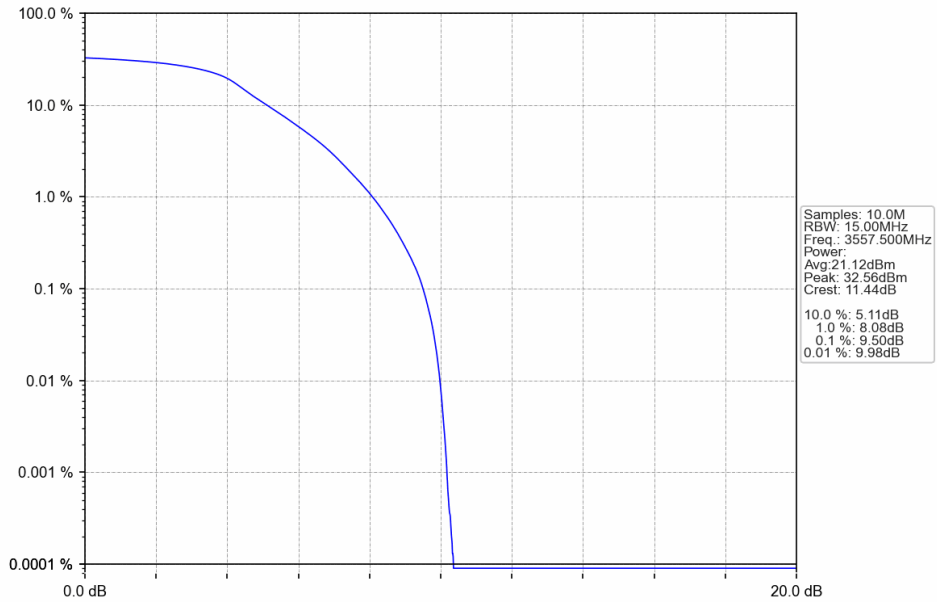


Band42c_10MHz_16QAM_HCH_3595MHz_RB_50_0_NTNV

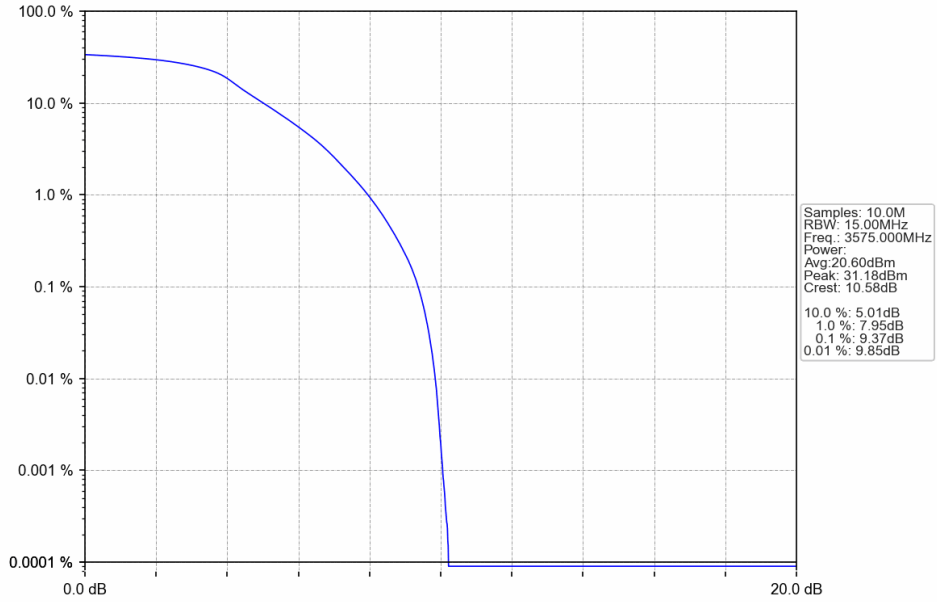


4.2.3 B42c_15MHz

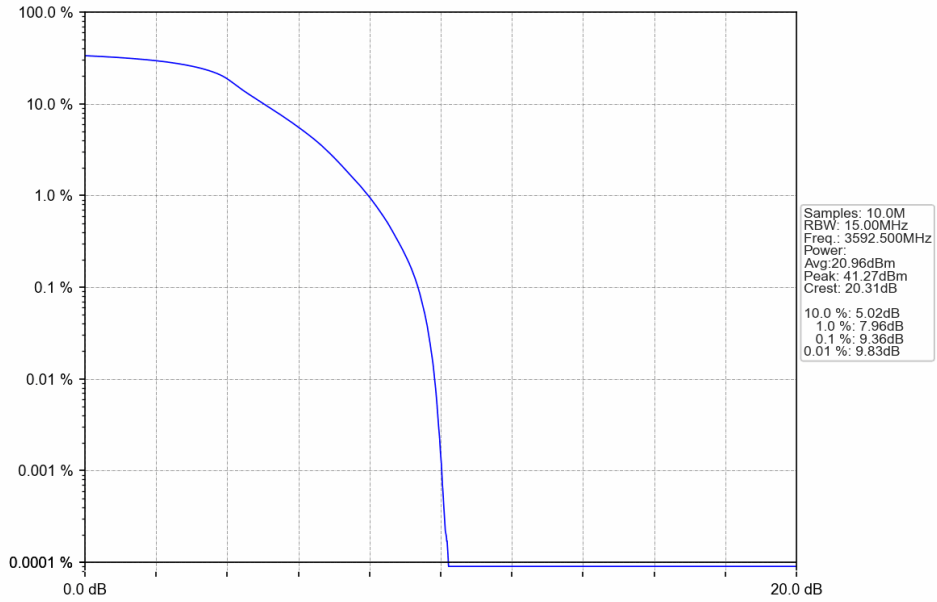
Band42c_15MHz_QPSK_LCH_3557.5MHz_RB_75_0_NTNV



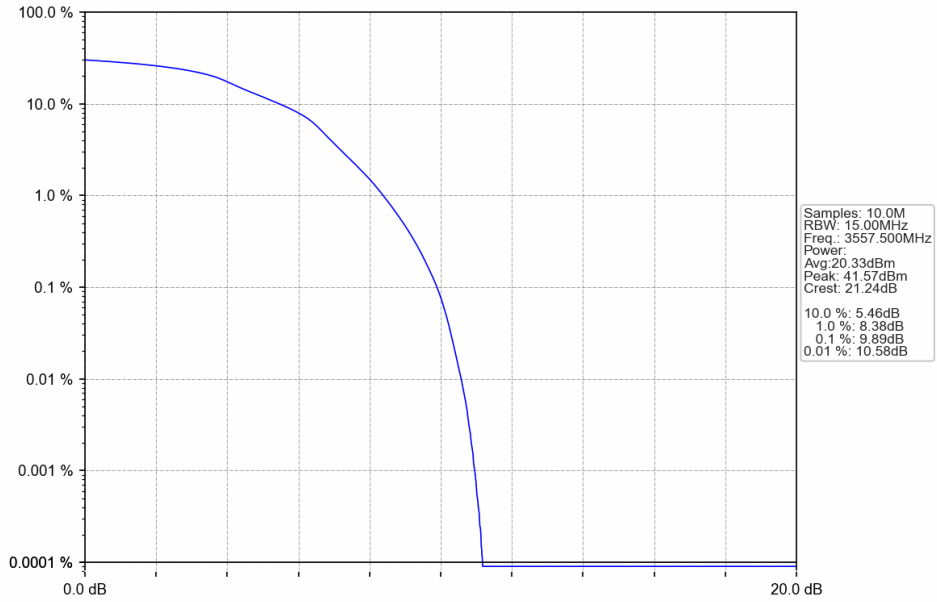
Band42c_15MHz_QPSK_MCH_3575MHz_RB_75_0_NTNV



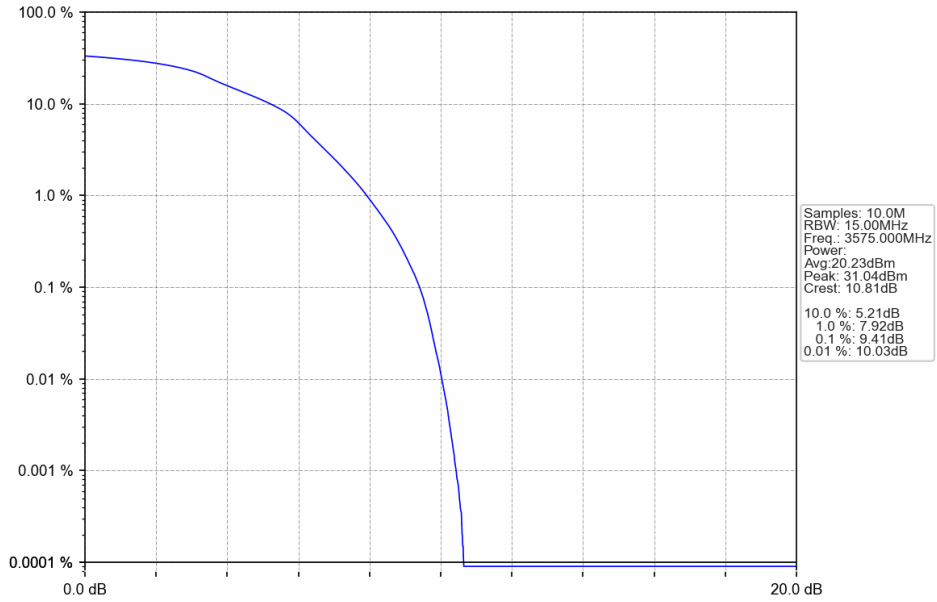
Band42c_15MHz_QPSK_HCH_3592.5MHz_RB_75_0_NTNV



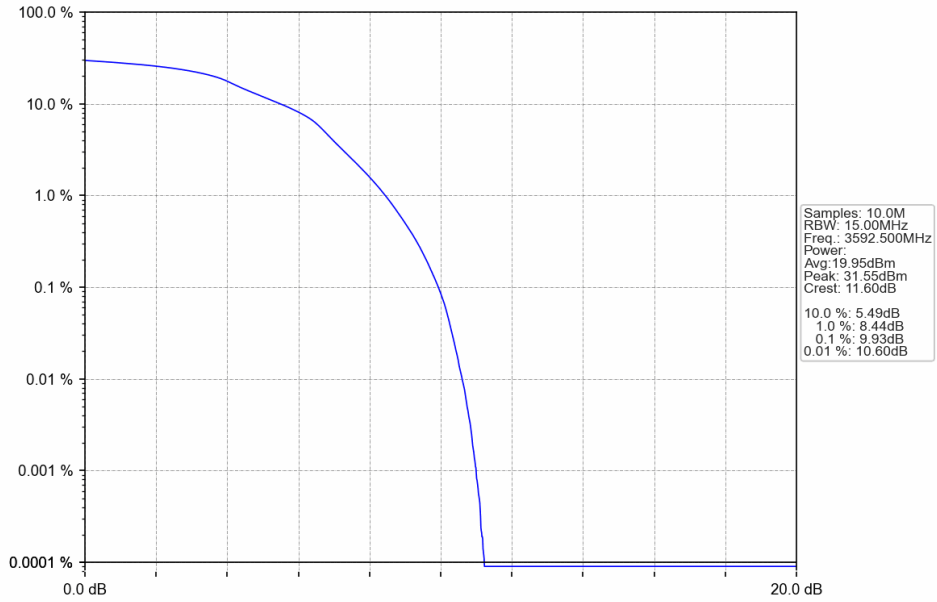
Band42c_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV



Band42c_15MHz_16QAM_MCH_3575MHz_RB_75_0_NTNV

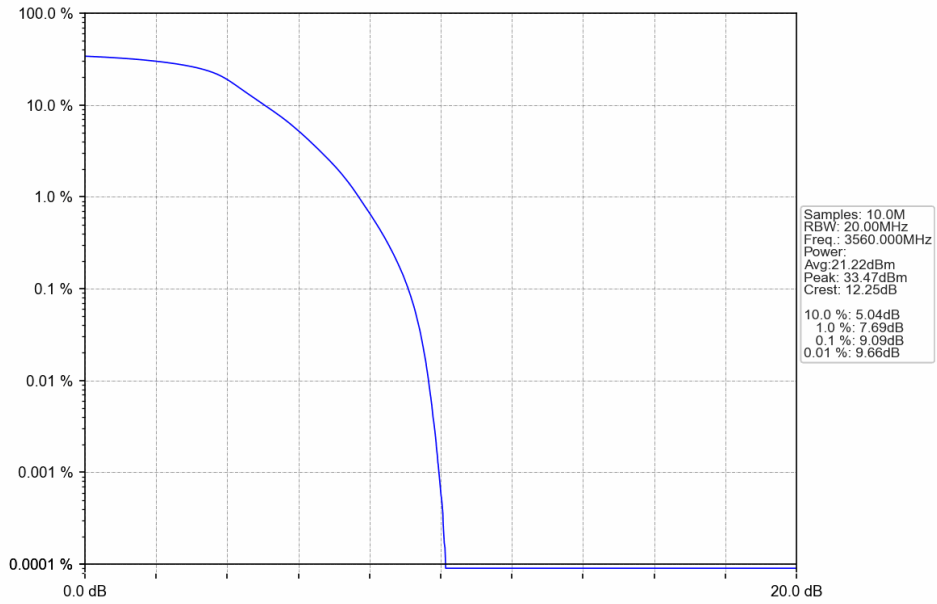


Band42c_15MHz_16QAM_HCH_3592.5MHz_RB_75_0_NTNV

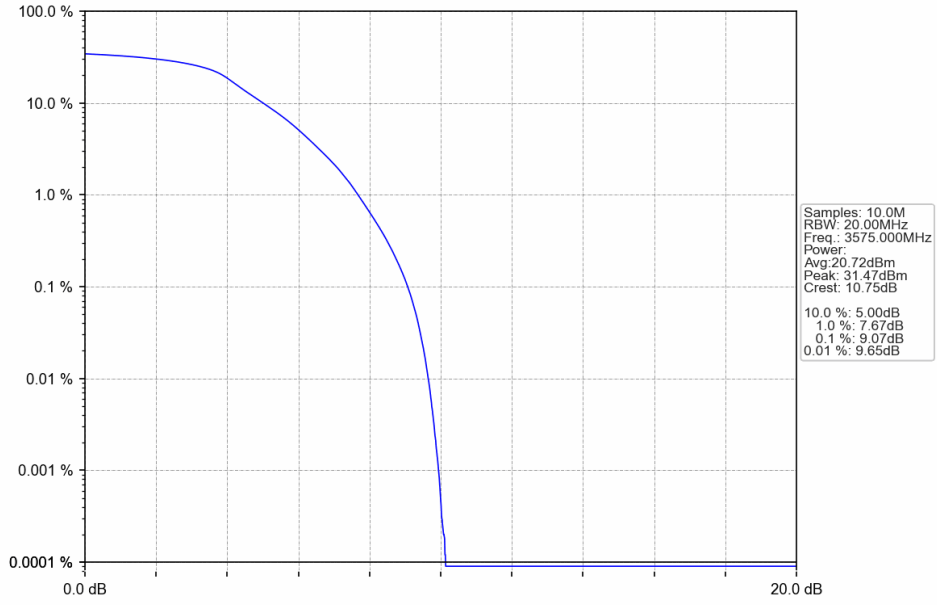


4.2.4 B42c_20MHz

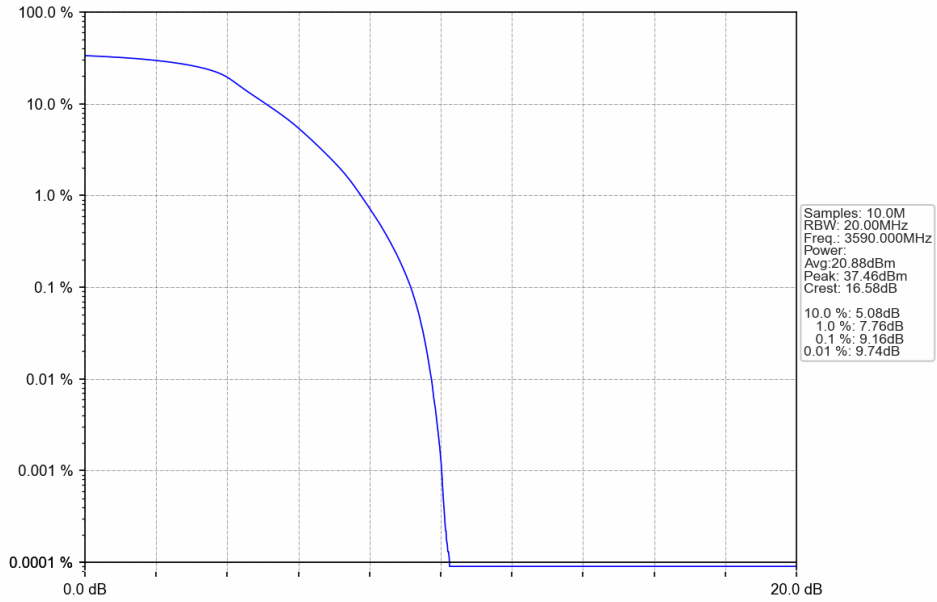
Band42c_20MHz_QPSK_LCH_3560MHz_RB_100_0_NTNV



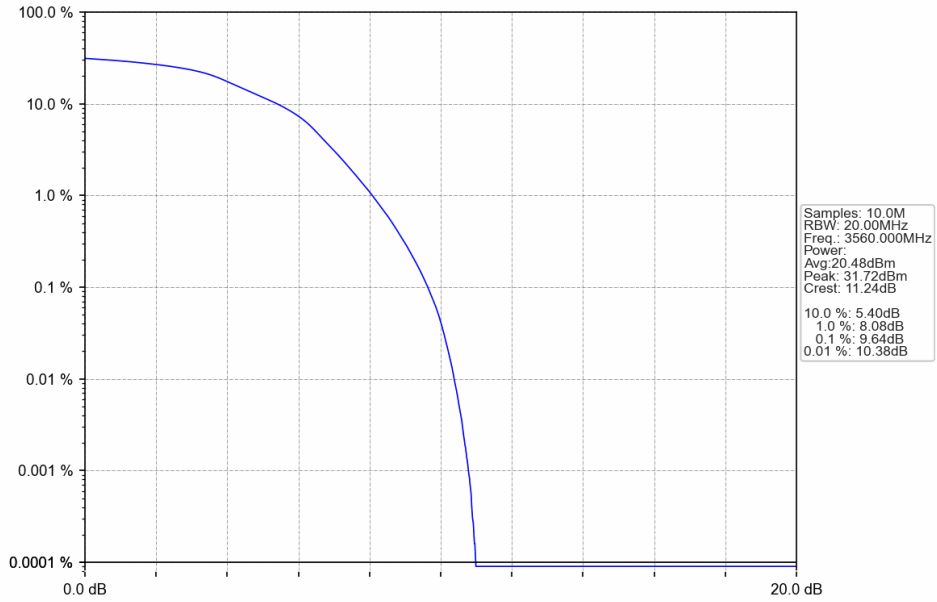
Band42c_20MHz_QPSK_MCH_3575MHz_RB_100_0_NTNV



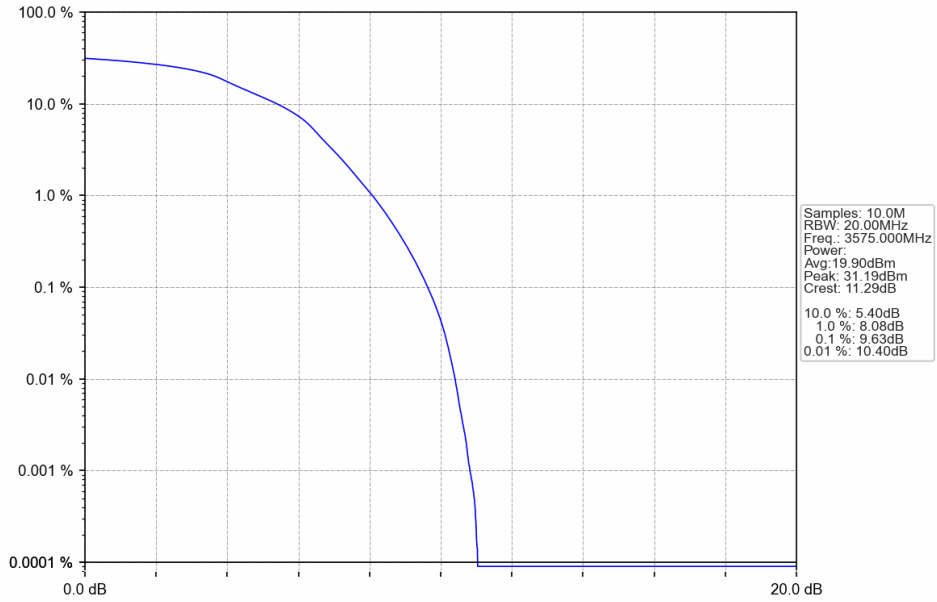
Band42c_20MHz_QPSK_HCH_3590MHz_RB_100_0_NTNV



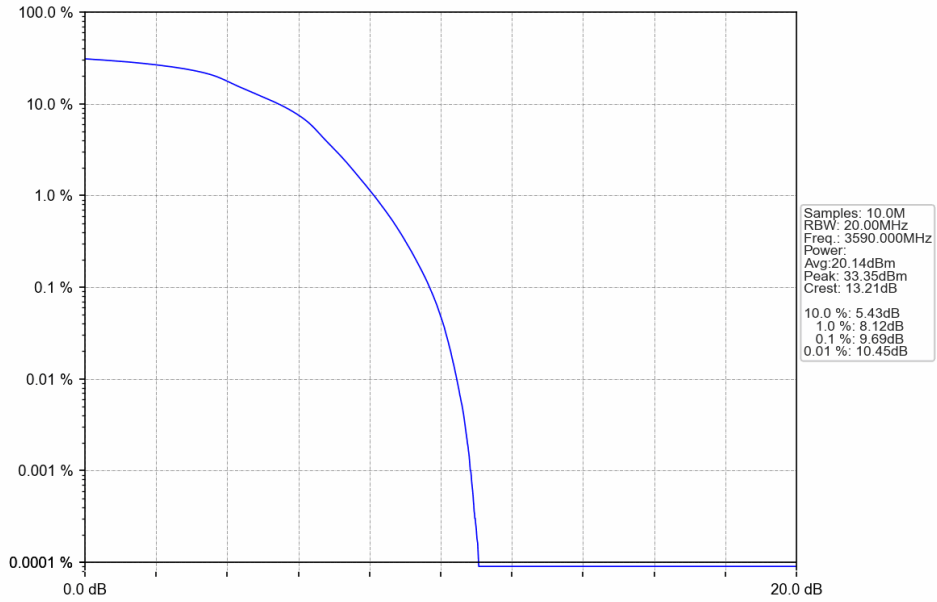
Band42c_20MHz_16QAM_LCH_3560MHz_RB_100_0_NTNV



Band42c_20MHz_16QAM_MCH_3575MHz_RB_100_0_NTNV



Band42c_20MHz_16QAM_HCH_3590MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B42c_5MHz

Band: 42c / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3575	1	0	Refer To Test Graph		Pass
	3597.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	3552.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3575	1	0	Refer To Test Graph		Pass
	3597.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B42c_10MHz

Band: 42c / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3575	1	0	Refer To Test Graph		Pass
	3595	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	3555	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3575	1	0	Refer To Test Graph		Pass
	3595	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B42c_15MHz

Band: 42c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3575	1	0	Refer To Test Graph		Pass
	3592.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	3557.5	1	0	Refer To Test Graph		Pass

		75	0	Refer To Test Graph	Pass
	3575	1	0	Refer To Test Graph	Pass
	3592.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

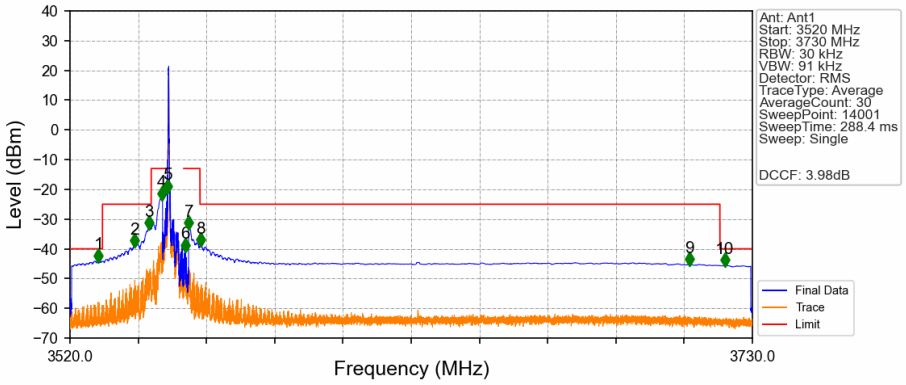
5.1.4 B42c_20MHz

Band: 42c / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3575	1	0	Refer To Test Graph		Pass
	3590	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	3560	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3575	1	0	Refer To Test Graph		Pass
	3590	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

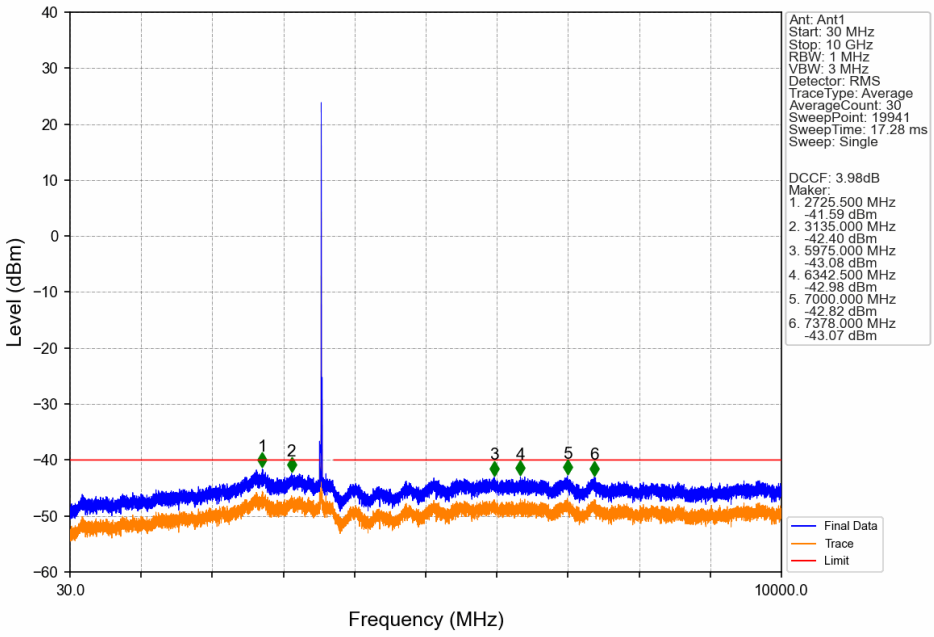
5.2.1 B42c_5MHz

Band42c_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV

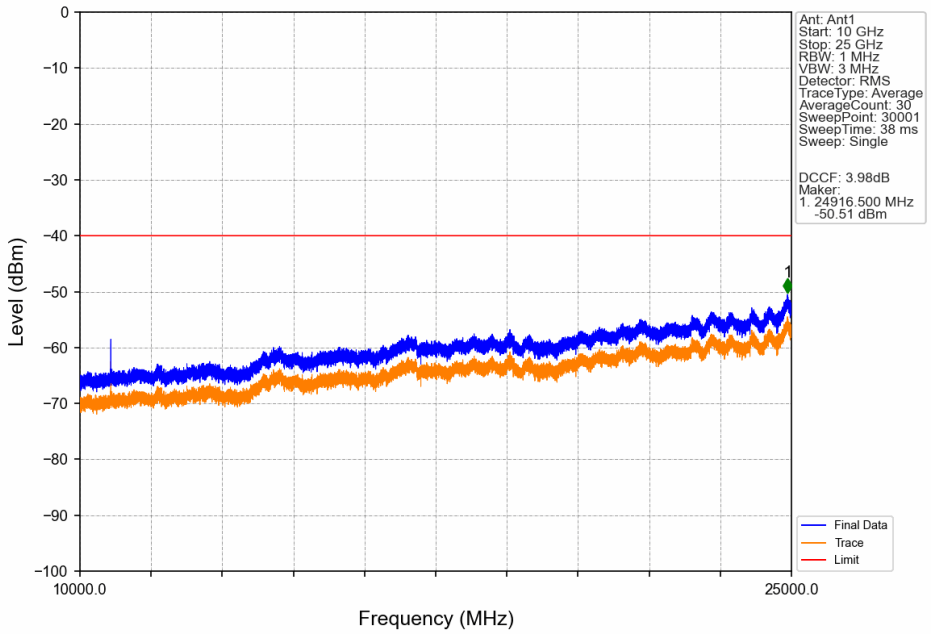


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3528.805	-44.06	-40	Pass
3530	3540	1	CHP	2	3539.860	-39.01	-25	Pass
3540	3545	1	CHP	3	3544.405	-32.96	-25	Pass
3545	3550	1	CHP	4	3548.275	-23.06	-13	Pass
3550	3550	0.03	/	5	3549.985	-20.61	-13	Pass
3550	3555	0.03	/	/	/	/	/	/
3555	3556	0.03	/	6	3555.400	-40.55	-13	Pass
3556	3560	1	CHP	7	3556.585	-32.96	-13	Pass
3560	3720	1	CHP	8	3560.260	-38.72	-25	Pass
3720	3720	1	CHP	9	3710.620	-45.22	-25	Pass
3720	3730	1	CHP	10	3721.450	-45.48	-40	Pass

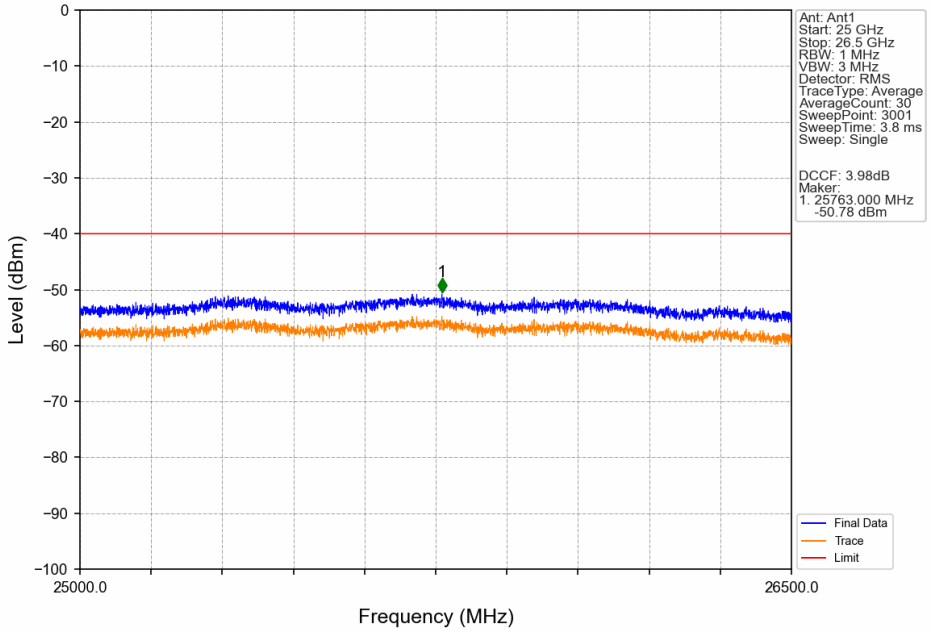
Band42c_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV



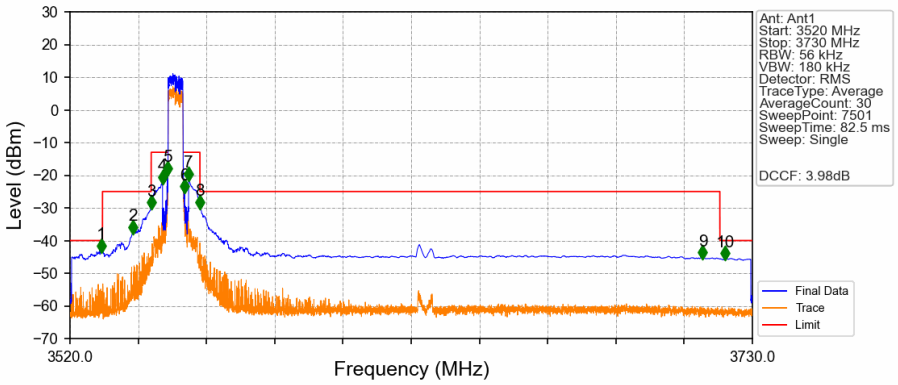
Band42c_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV



Band42c_5MHz_QPSK_LCH_3552.5MHz_RB_1_0_NTNV



Band42c_5MHz_QPSK_LCH_3552.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3529.632	-43.11	-40	Pass
3530	3540	1	CHP	2	3539.404	-37.47	-25	Pass
3540	3545	1	CHP	3	3544.976	-29.91	-25	Pass
3545	3550	1	CHP	4	3548.476	-22.11	-13	Pass
3550	3550	0.056	/	5	3549.988	-19.43	-13	Pass
3550	3555	0.056	/	/	/	/	/	/
3555	3556	0.056	/	6	3555.224	-24.98	-13	Pass
3556	3560	1	CHP	7	3556.512	-21.26	-13	Pass
3560	3720	1	CHP	8	3560.012	-29.78	-25	Pass
3720	3720	1	CHP	9	3714.712	-45.24	-25	Pass
3720	3730	1	CHP	10	3721.656	-45.47	-40	Pass

Band42c_5MHz_QPSK_MCH_3575MHz_RB_1_0_NTNV