

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B42a_5MHz_EIRP

Band: 42a / Bandwidth: 5MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3452.5	1	0	22.00	2.00	24.00	<=30	Pass		
			13	21.93	2.00	23.93	<=30	Pass		
			24	21.98	2.00	23.98	<=30	Pass		
		12	0	21.97	2.00	23.97	<=30	Pass		
			6	21.93	2.00	23.93	<=30	Pass		
			13	21.93	2.00	23.93	<=30	Pass		
		25	0	22.01	2.00	24.01	<=30	Pass		
		3500	1	0	21.80	2.00	23.80	<=30	Pass	
				13	21.74	2.00	23.74	<=30	Pass	
	24			21.72	2.00	23.72	<=30	Pass		
	12		0	21.72	2.00	23.72	<=30	Pass		
			6	21.72	2.00	23.72	<=30	Pass		
			13	21.70	2.00	23.70	<=30	Pass		
	25	0	21.72	2.00	23.72	<=30	Pass			
	3547.5	1	0	21.81	2.00	23.81	<=30	Pass		
			13	21.76	2.00	23.76	<=30	Pass		
			24	21.81	2.00	23.81	<=30	Pass		
		12	0	21.75	2.00	23.75	<=30	Pass		
			6	21.76	2.00	23.76	<=30	Pass		
			13	21.75	2.00	23.75	<=30	Pass		
		25	0	21.81	2.00	23.81	<=30	Pass		
		16QAM	3452.5	1	0	22.02	2.00	24.02	<=30	Pass
					13	21.97	2.00	23.97	<=30	Pass
	24				22.02	2.00	24.02	<=30	Pass	
12	0			20.92	2.00	22.92	<=30	Pass		
	6			20.96	2.00	22.96	<=30	Pass		
	13			20.90	2.00	22.90	<=30	Pass		
25	0			21.00	2.00	23.00	<=30	Pass		
3500	1			0	21.82	2.00	23.82	<=30	Pass	
				13	21.78	2.00	23.78	<=30	Pass	
			24	21.75	2.00	23.75	<=30	Pass		
	12		0	20.67	2.00	22.67	<=30	Pass		
			6	20.69	2.00	22.69	<=30	Pass		
			13	20.68	2.00	22.68	<=30	Pass		
25	0		20.70	2.00	22.70	<=30	Pass			
3547.5	1		0	21.82	2.00	23.82	<=30	Pass		
			13	21.79	2.00	23.79	<=30	Pass		
			24	21.84	2.00	23.84	<=30	Pass		
	12		0	20.72	2.00	22.72	<=30	Pass		
			6	20.73	2.00	22.73	<=30	Pass		
			13	20.72	2.00	22.72	<=30	Pass		
	25		0	20.80	2.00	22.80	<=30	Pass		
	64QAM		3452.5	1	0	20.64	2.00	22.64	<=30	Pass
					13	20.57	2.00	22.57	<=30	Pass
24					20.61	2.00	22.61	<=30	Pass	
12		0		20.06	2.00	22.06	<=30	Pass		
		6		20.07	2.00	22.07	<=30	Pass		
		13		20.05	2.00	22.05	<=30	Pass		
25		0		20.06	2.00	22.06	<=30	Pass		

	3500	1	0	20.41	2.00	22.41	<=30	Pass		
			13	20.37	2.00	22.37	<=30	Pass		
			24	20.34	2.00	22.34	<=30	Pass		
		12	0	19.74	2.00	21.74	<=30	Pass		
			6	19.78	2.00	21.78	<=30	Pass		
			13	19.80	2.00	21.80	<=30	Pass		
		25	0	19.79	2.00	21.79	<=30	Pass		
		3547.5	1	0	20.44	2.00	22.44	<=30	Pass	
				13	20.41	2.00	22.41	<=30	Pass	
	24			20.47	2.00	22.47	<=30	Pass		
	12		0	19.96	2.00	21.96	<=30	Pass		
			6	19.91	2.00	21.91	<=30	Pass		
			13	19.92	2.00	21.92	<=30	Pass		
	25		0	19.94	2.00	21.94	<=30	Pass		
	256QAM		3452.5	1	0	17.85	2.00	19.85	<=30	Pass
					13	17.84	2.00	19.84	<=30	Pass
		24			17.81	2.00	19.81	<=30	Pass	
		12		0	18.08	2.00	20.08	<=30	Pass	
6				18.06	2.00	20.06	<=30	Pass		
13				18.09	2.00	20.09	<=30	Pass		
25		0		18.06	2.00	20.06	<=30	Pass		
3500		1		0	17.60	2.00	19.60	<=30	Pass	
				13	17.57	2.00	19.57	<=30	Pass	
			24	17.59	2.00	19.59	<=30	Pass		
		12	0	17.82	2.00	19.82	<=30	Pass		
			6	17.82	2.00	19.82	<=30	Pass		
			13	17.83	2.00	19.83	<=30	Pass		
		25	0	17.77	2.00	19.77	<=30	Pass		
		3547.5	1	0	17.73	2.00	19.73	<=30	Pass	
				13	17.73	2.00	19.73	<=30	Pass	
24				17.75	2.00	19.75	<=30	Pass		
12			0	18.01	2.00	20.01	<=30	Pass		
	6		18.00	2.00	20.00	<=30	Pass			
	13		17.99	2.00	19.99	<=30	Pass			
25	0		17.93	2.00	19.93	<=30	Pass			

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B42a_10MHz_EIRP

Band: 42a / Bandwidth: 10MHz / NTV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	3455	1	0	22.01	2.00	24.01	<=30	Pass	
			25	21.96	2.00	23.96	<=30	Pass	
			49	21.97	2.00	23.97	<=30	Pass	
		25	0	21.98	2.00	23.98	<=30	Pass	
			13	21.92	2.00	23.92	<=30	Pass	
			25	21.92	2.00	23.92	<=30	Pass	
		50	0	21.93	2.00	23.93	<=30	Pass	
		3500	1	0	21.80	2.00	23.80	<=30	Pass
				25	21.79	2.00	23.79	<=30	Pass
	49			21.75	2.00	23.75	<=30	Pass	
	25		0	21.73	2.00	23.73	<=30	Pass	
			13	21.68	2.00	23.68	<=30	Pass	
			25	21.69	2.00	23.69	<=30	Pass	
	50	0	21.68	2.00	23.68	<=30	Pass		
	3545	1	0	21.78	2.00	23.78	<=30	Pass	

		25	25	21.76	2.00	23.76	<=30	Pass
			49	21.83	2.00	23.83	<=30	Pass
			0	21.73	2.00	23.73	<=30	Pass
			13	21.74	2.00	23.74	<=30	Pass
			25	21.76	2.00	23.76	<=30	Pass
		50	0	21.76	2.00	23.76	<=30	Pass
			1	22.04	2.00	24.04	<=30	Pass
			25	21.97	2.00	23.97	<=30	Pass
			49	22.01	2.00	24.01	<=30	Pass
			0	20.97	2.00	22.97	<=30	Pass
16QAM	3455	25	13	20.90	2.00	22.90	<=30	Pass
			25	20.90	2.00	22.90	<=30	Pass
			0	20.96	2.00	22.96	<=30	Pass
			1	21.80	2.00	23.80	<=30	Pass
			25	21.78	2.00	23.78	<=30	Pass
	3500	25	49	21.77	2.00	23.77	<=30	Pass
			0	20.71	2.00	22.71	<=30	Pass
			13	20.65	2.00	22.65	<=30	Pass
			25	20.67	2.00	22.67	<=30	Pass
			0	20.71	2.00	22.71	<=30	Pass
	3545	25	0	21.79	2.00	23.79	<=30	Pass
			25	21.79	2.00	23.79	<=30	Pass
			49	21.85	2.00	23.85	<=30	Pass
			0	20.70	2.00	22.70	<=30	Pass
			13	20.70	2.00	22.70	<=30	Pass
64QAM	3455	25	25	20.74	2.00	22.74	<=30	Pass
			0	20.79	2.00	22.79	<=30	Pass
			1	20.62	2.00	22.62	<=30	Pass
			25	20.59	2.00	22.59	<=30	Pass
			49	20.60	2.00	22.60	<=30	Pass
	3500	25	0	20.00	2.00	22.00	<=30	Pass
			13	20.00	2.00	22.00	<=30	Pass
			25	19.97	2.00	21.97	<=30	Pass
			0	19.97	2.00	21.97	<=30	Pass
			1	20.41	2.00	22.41	<=30	Pass
	3545	25	25	20.35	2.00	22.35	<=30	Pass
			49	20.36	2.00	22.36	<=30	Pass
			0	19.75	2.00	21.75	<=30	Pass
			13	19.72	2.00	21.72	<=30	Pass
			25	19.74	2.00	21.74	<=30	Pass
256QAM	3455	25	0	19.67	2.00	21.67	<=30	Pass
			1	20.41	2.00	22.41	<=30	Pass
			25	20.41	2.00	22.41	<=30	Pass
			49	20.44	2.00	22.44	<=30	Pass
			0	19.88	2.00	21.88	<=30	Pass
	3500	25	13	19.92	2.00	21.92	<=30	Pass
			25	19.91	2.00	21.91	<=30	Pass
			0	19.88	2.00	21.88	<=30	Pass
			1	17.82	2.00	19.82	<=30	Pass
			25	17.75	2.00	19.75	<=30	Pass
	3455	25	49	17.86	2.00	19.86	<=30	Pass
			0	18.02	2.00	20.02	<=30	Pass
			13	17.97	2.00	19.97	<=30	Pass
			25	17.96	2.00	19.96	<=30	Pass
			0	18.04	2.00	20.04	<=30	Pass
3500	25	0	17.58	2.00	19.58	<=30	Pass	
		1	17.56	2.00	19.56	<=30	Pass	
		49	17.57	2.00	19.57	<=30	Pass	
		0	17.67	2.00	19.67	<=30	Pass	

		13	17.71	2.00	19.71	<=30	Pass	
			25	17.70	2.00	19.70	<=30	Pass
		50	0	17.74	2.00	19.74	<=30	Pass
	3545	1	0	17.66	2.00	19.66	<=30	Pass
			25	17.68	2.00	19.68	<=30	Pass
			49	17.74	2.00	19.74	<=30	Pass
	25	0	17.87	2.00	19.87	<=30	Pass	
			13	17.88	2.00	19.88	<=30	Pass
			25	17.90	2.00	19.90	<=30	Pass
	50	0	17.91	2.00	19.91	<=30	Pass	
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B42a_15MHz_EIRP

Band: 42a / Bandwidth: 15MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3457.5	1	0	22.00	2.00	24.00	<=30	Pass		
			38	22.02	2.00	24.02	<=30	Pass		
			74	21.97	2.00	23.97	<=30	Pass		
		36	0	21.97	2.00	23.97	<=30	Pass		
			18	21.98	2.00	23.98	<=30	Pass		
			39	21.96	2.00	23.96	<=30	Pass		
		75	0	21.97	2.00	23.97	<=30	Pass		
		3500	1	0	21.77	2.00	23.77	<=30	Pass	
				38	21.84	2.00	23.84	<=30	Pass	
	74			21.77	2.00	23.77	<=30	Pass		
	36		0	21.76	2.00	23.76	<=30	Pass		
			18	21.73	2.00	23.73	<=30	Pass		
			39	21.73	2.00	23.73	<=30	Pass		
	75		0	21.75	2.00	23.75	<=30	Pass		
	3542.5		1	0	21.69	2.00	23.69	<=30	Pass	
				38	21.86	2.00	23.86	<=30	Pass	
		74		21.87	2.00	23.87	<=30	Pass		
		36	0	21.70	2.00	23.70	<=30	Pass		
			18	21.72	2.00	23.72	<=30	Pass		
			39	21.81	2.00	23.81	<=30	Pass		
		75	0	21.77	2.00	23.77	<=30	Pass		
		16QAM	3457.5	1	0	22.03	2.00	24.03	<=30	Pass
					38	22.05	2.00	24.05	<=30	Pass
	74				22.03	2.00	24.03	<=30	Pass	
36	0			20.95	2.00	22.95	<=30	Pass		
	18			20.90	2.00	22.90	<=30	Pass		
	39			20.93	2.00	22.93	<=30	Pass		
75	0			21.01	2.00	23.01	<=30	Pass		
3500	1			0	21.82	2.00	23.82	<=30	Pass	
				38	21.88	2.00	23.88	<=30	Pass	
			74	21.80	2.00	23.80	<=30	Pass		
	36		0	20.74	2.00	22.74	<=30	Pass		
			18	20.70	2.00	22.70	<=30	Pass		
			39	20.71	2.00	22.71	<=30	Pass		
	75		0	20.77	2.00	22.77	<=30	Pass		
	3542.5		1	0	21.72	2.00	23.72	<=30	Pass	
				38	21.89	2.00	23.89	<=30	Pass	
74				21.90	2.00	23.90	<=30	Pass		
36			0	20.70	2.00	22.70	<=30	Pass		
			18	20.69	2.00	22.69	<=30	Pass		

64QAM	3457.5	75	39	20.80	2.00	22.80	<=30	Pass	
			75	0	20.81	2.00	22.81	<=30	Pass
			1	0	20.63	2.00	22.63	<=30	Pass
		38		20.66	2.00	22.66	<=30	Pass	
		74		20.61	2.00	22.61	<=30	Pass	
		36	0	20.02	2.00	22.02	<=30	Pass	
			18	20.00	2.00	22.00	<=30	Pass	
			39	20.00	2.00	22.00	<=30	Pass	
		75	0	20.06	2.00	22.06	<=30	Pass	
	3500	1	0	20.40	2.00	22.40	<=30	Pass	
			38	20.48	2.00	22.48	<=30	Pass	
			74	20.38	2.00	22.38	<=30	Pass	
		36	0	19.73	2.00	21.73	<=30	Pass	
			18	19.75	2.00	21.75	<=30	Pass	
			39	19.73	2.00	21.73	<=30	Pass	
		75	0	19.79	2.00	21.79	<=30	Pass	
		3542.5	1	0	20.35	2.00	22.35	<=30	Pass
				38	20.50	2.00	22.50	<=30	Pass
	74			20.53	2.00	22.53	<=30	Pass	
	36		0	19.82	2.00	21.82	<=30	Pass	
			18	19.91	2.00	21.91	<=30	Pass	
			39	19.91	2.00	21.91	<=30	Pass	
	75		0	19.91	2.00	21.91	<=30	Pass	
	256QAM		3457.5	1	0	17.87	2.00	19.87	<=30
38					17.86	2.00	19.86	<=30	Pass
74		17.82			2.00	19.82	<=30	Pass	
36		0		18.05	2.00	20.05	<=30	Pass	
		18		18.01	2.00	20.01	<=30	Pass	
		39		18.04	2.00	20.04	<=30	Pass	
75		0		18.08	2.00	20.08	<=30	Pass	
3500		1		0	17.60	2.00	19.60	<=30	Pass
				38	17.69	2.00	19.69	<=30	Pass
			74	17.57	2.00	19.57	<=30	Pass	
		36	0	17.74	2.00	19.74	<=30	Pass	
			18	17.80	2.00	19.80	<=30	Pass	
			39	17.78	2.00	19.78	<=30	Pass	
		75	0	17.79	2.00	19.79	<=30	Pass	
		3542.5	1	0	17.63	2.00	19.63	<=30	Pass
				38	17.80	2.00	19.80	<=30	Pass
74				17.81	2.00	19.81	<=30	Pass	
36			0	17.88	2.00	19.88	<=30	Pass	
			18	17.93	2.00	19.93	<=30	Pass	
			39	17.93	2.00	19.93	<=30	Pass	
75			0	17.92	2.00	19.92	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B42a_20MHz_EIRP

Band: 42a / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3460	1	0	22.00	2.00	24.00	<=30	Pass
			50	22.04	2.00	24.04	<=30	Pass
			99	21.94	2.00	23.94	<=30	Pass
		50	0	22.02	2.00	24.02	<=30	Pass
			25	22.02	2.00	24.02	<=30	Pass
			50	21.98	2.00	23.98	<=30	Pass

	3500	100	0	22.00	2.00	24.00	<=30	Pass		
		1	0	21.77	2.00	23.77	<=30	Pass		
			50	21.86	2.00	23.86	<=30	Pass		
			99	21.72	2.00	23.72	<=30	Pass		
			0	21.76	2.00	23.76	<=30	Pass		
		50	25	21.78	2.00	23.78	<=30	Pass		
			50	21.75	2.00	23.75	<=30	Pass		
			100	0	21.76	2.00	23.76	<=30	Pass	
		3540	1	0	21.61	2.00	23.61	<=30	Pass	
	50			21.85	2.00	23.85	<=30	Pass		
	99			21.86	2.00	23.86	<=30	Pass		
	50		0	21.74	2.00	23.74	<=30	Pass		
			25	21.78	2.00	23.78	<=30	Pass		
			50	21.86	2.00	23.86	<=30	Pass		
	100		0	21.79	2.00	23.79	<=30	Pass		
16QAM	3460		1	0	22.02	2.00	24.02	<=30	Pass	
				50	22.08	2.00	24.08	<=30	Pass	
		99		21.96	2.00	23.96	<=30	Pass		
		50	0	21.03	2.00	23.03	<=30	Pass		
			25	21.04	2.00	23.04	<=30	Pass		
			50	21.01	2.00	23.01	<=30	Pass		
		100	0	21.03	2.00	23.03	<=30	Pass		
		3500	1	0	21.78	2.00	23.78	<=30	Pass	
				50	21.89	2.00	23.89	<=30	Pass	
	99			21.73	2.00	23.73	<=30	Pass		
	50		0	20.79	2.00	22.79	<=30	Pass		
			25	20.80	2.00	22.80	<=30	Pass		
			50	20.78	2.00	22.78	<=30	Pass		
	100		0	20.79	2.00	22.79	<=30	Pass		
	3540		1	0	21.65	2.00	23.65	<=30	Pass	
				50	21.91	2.00	23.91	<=30	Pass	
		99		21.90	2.00	23.90	<=30	Pass		
		50	0	20.75	2.00	22.75	<=30	Pass		
			25	20.80	2.00	22.80	<=30	Pass		
			50	20.88	2.00	22.88	<=30	Pass		
		100	0	20.80	2.00	22.80	<=30	Pass		
		64QAM	3460	1	0	20.61	2.00	22.61	<=30	Pass
					50	20.67	2.00	22.67	<=30	Pass
	99				20.56	2.00	22.56	<=30	Pass	
	50			0	20.10	2.00	22.10	<=30	Pass	
				25	20.05	2.00	22.05	<=30	Pass	
				50	20.00	2.00	22.00	<=30	Pass	
100	0			20.02	2.00	22.02	<=30	Pass		
3500	1			0	20.37	2.00	22.37	<=30	Pass	
				50	20.49	2.00	22.49	<=30	Pass	
			99	20.34	2.00	22.34	<=30	Pass		
	50		0	19.76	2.00	21.76	<=30	Pass		
			25	19.78	2.00	21.78	<=30	Pass		
			50	19.76	2.00	21.76	<=30	Pass		
	100		0	19.77	2.00	21.77	<=30	Pass		
	3540		1	0	20.24	2.00	22.24	<=30	Pass	
				50	20.49	2.00	22.49	<=30	Pass	
99				20.53	2.00	22.53	<=30	Pass		
50			0	19.85	2.00	21.85	<=30	Pass		
			25	19.94	2.00	21.94	<=30	Pass		
			50	19.95	2.00	21.95	<=30	Pass		
100			0	19.91	2.00	21.91	<=30	Pass		
256QAM			3460	1	0	17.83	2.00	19.83	<=30	Pass
					50	17.87	2.00	19.87	<=30	Pass

	3500	50	99	17.79	2.00	19.79	<=30	Pass
			0	18.11	2.00	20.11	<=30	Pass
			25	18.12	2.00	20.12	<=30	Pass
		100	50	18.08	2.00	20.08	<=30	Pass
			0	18.05	2.00	20.05	<=30	Pass
			0	17.57	2.00	19.57	<=30	Pass
	3540	1	50	17.70	2.00	19.70	<=30	Pass
			99	17.57	2.00	19.57	<=30	Pass
			0	17.82	2.00	19.82	<=30	Pass
		50	25	17.82	2.00	19.82	<=30	Pass
			50	17.80	2.00	19.80	<=30	Pass
			100	0	17.76	2.00	19.76	<=30
	3540	1	0	17.58	2.00	19.58	<=30	Pass
			50	17.76	2.00	19.76	<=30	Pass
			99	17.82	2.00	19.82	<=30	Pass
		50	0	17.90	2.00	19.90	<=30	Pass
			25	17.99	2.00	19.99	<=30	Pass
			50	18.01	2.00	20.01	<=30	Pass
	100	0	17.92	2.00	19.92	<=30	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B42a_10MHz

Band: 42a / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3500	50	0	20	3.6	1.700	0.0005	-2.5 to 2.5	Pass	
					3.88	1.900	0.0005	-2.5 to 2.5	Pass	
					4.53	3.600	0.0010	-2.5 to 2.5	Pass	
				-30	3.88	1.000	0.0003	-2.5 to 2.5	Pass	
					-20	3.88	3.800	0.0011	-2.5 to 2.5	Pass
					-10	3.88	1.000	0.0003	-2.5 to 2.5	Pass
				0	0	3.88	5.400	0.0015	-2.5 to 2.5	Pass
					10	3.88	3.100	0.0009	-2.5 to 2.5	Pass
					30	3.88	2.500	0.0007	-2.5 to 2.5	Pass
				40	3.88	5.400	0.0015	-2.5 to 2.5	Pass	
					50	3.88	4.700	0.0013	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band42a_OBW

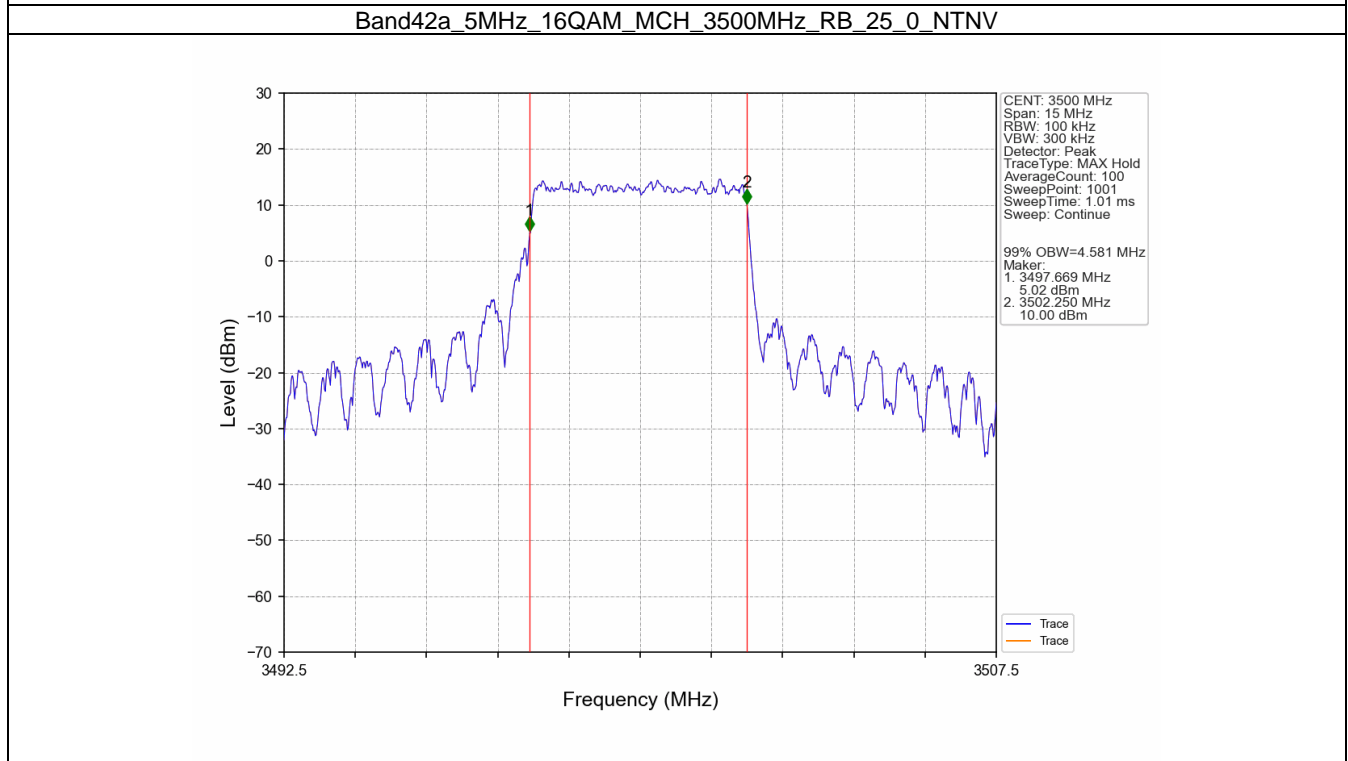
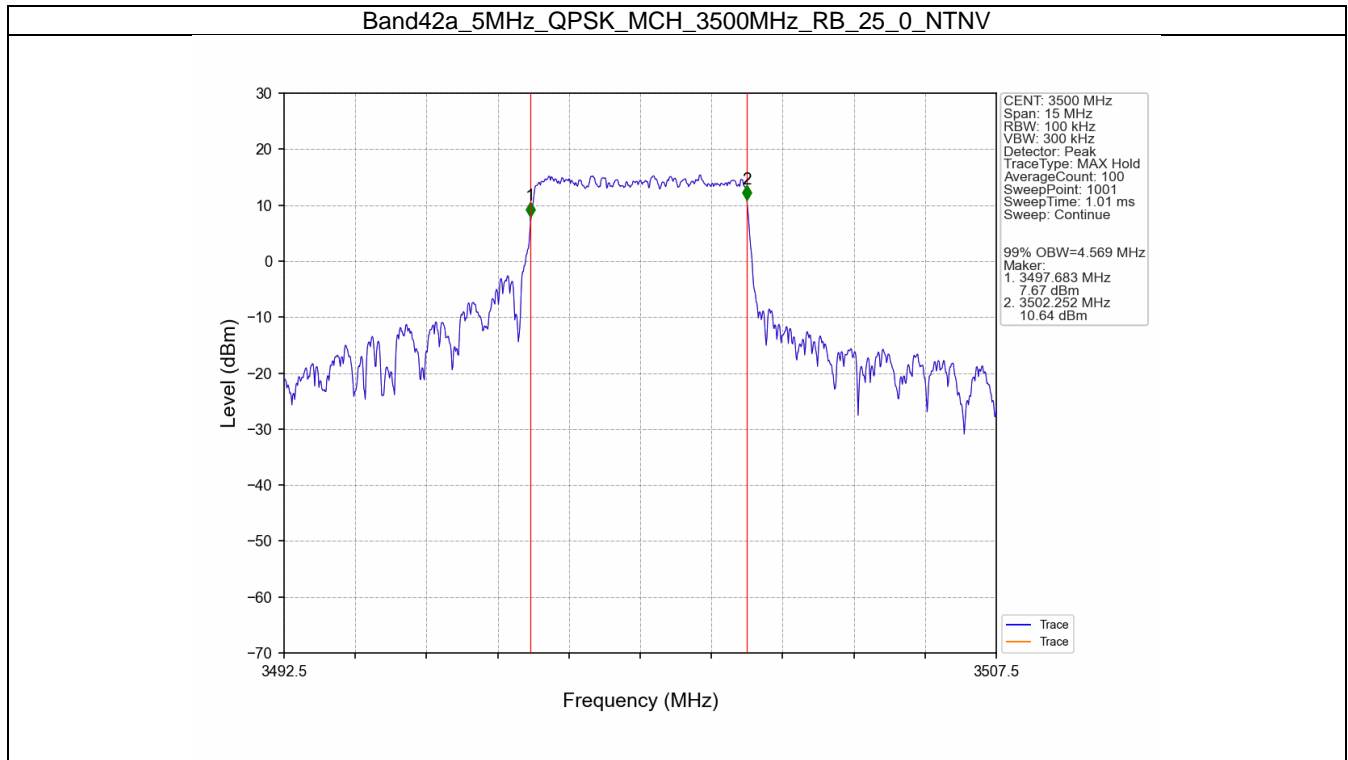
Band: 42a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3500	25	0	4.569	/	Pass
	16QAM	3500	25	0	4.581	/	Pass
10	QPSK	3500	50	0	9.027	/	Pass
	16QAM	3500	50	0	9.046	/	Pass
15	QPSK	3500	75	0	13.456	/	Pass
	16QAM	3500	75	0	13.512	/	Pass
20	QPSK	3500	100	0	18.002	/	Pass
	16QAM	3500	100	0	17.977	/	Pass

3.1.2 Band42a_XDB

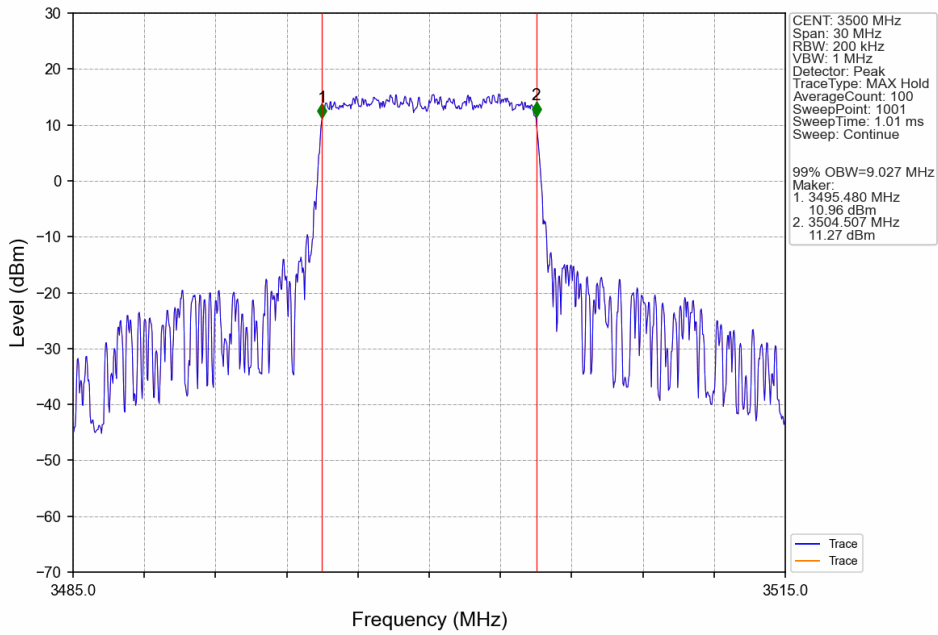
Band: 42a / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3500	25	0	6.587	/	Pass
	16QAM	3500	25	0	6.229	/	Pass
10	QPSK	3500	50	0	10.108	/	Pass
	16QAM	3500	50	0	11.864	/	Pass
15	QPSK	3500	75	0	14.629	/	Pass
	16QAM	3500	75	0	16.301	/	Pass
20	QPSK	3500	100	0	19.330	/	Pass
	16QAM	3500	100	0	19.506	/	Pass

3.2 Test Graph

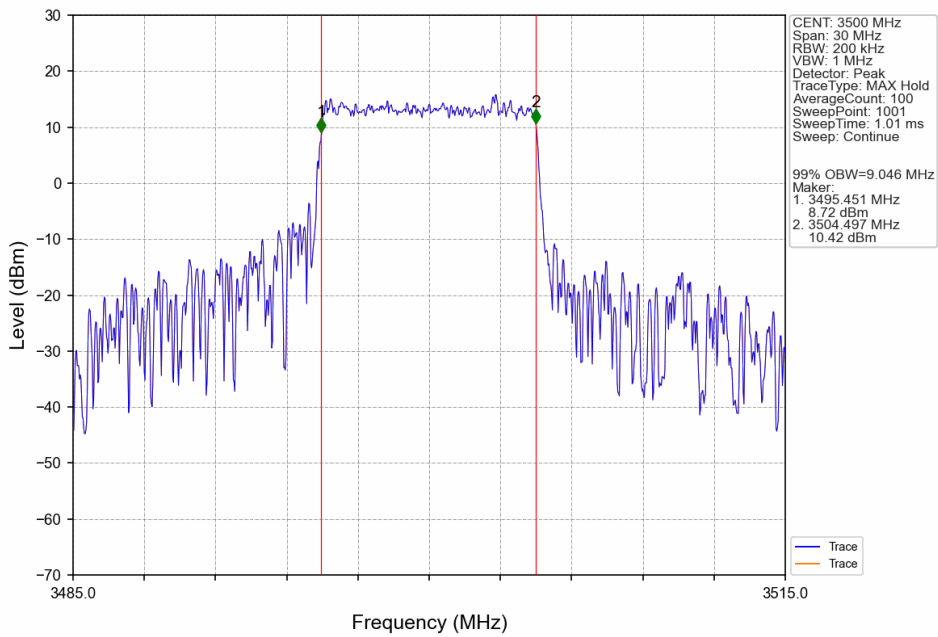
3.2.1 Band42a_OBW



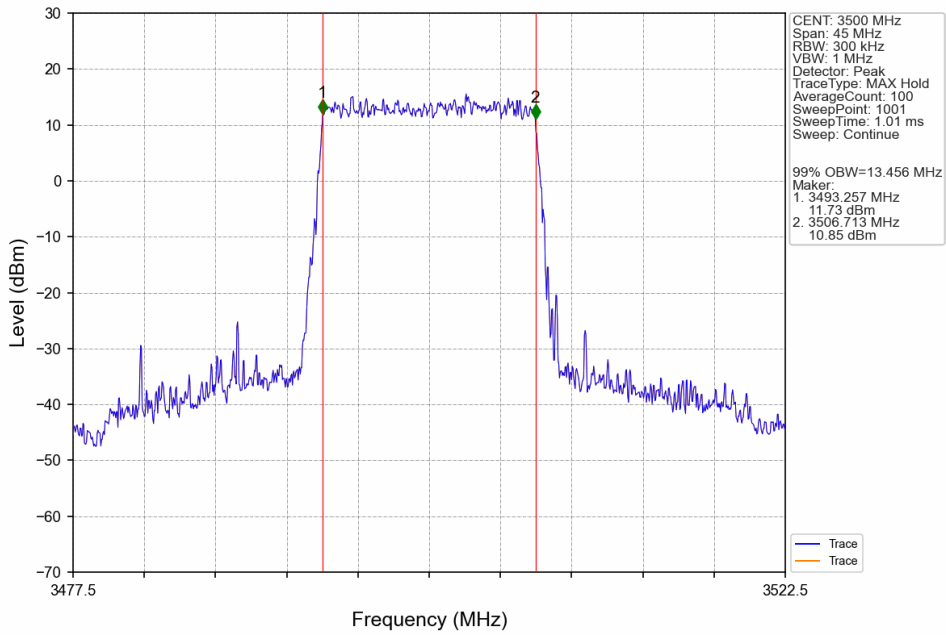
Band42a_10MHz_QPSK_MCH_3500MHz_RB_50_0_NTNV



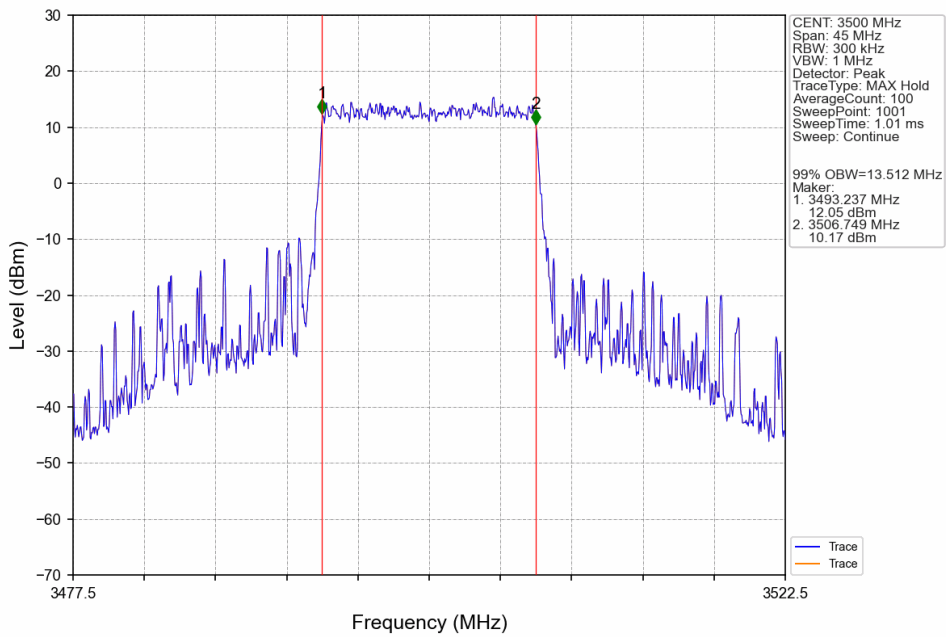
Band42a_10MHz_16QAM_MCH_3500MHz_RB_50_0_NTNV



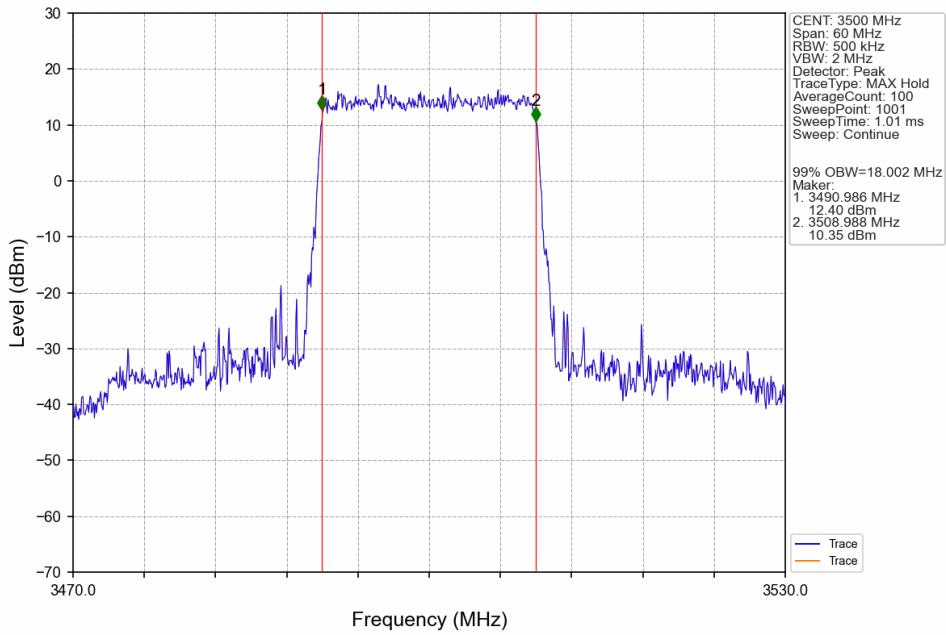
Band42a_15MHz_QPSK_MCH_3500MHz_RB_75_0_NTNV



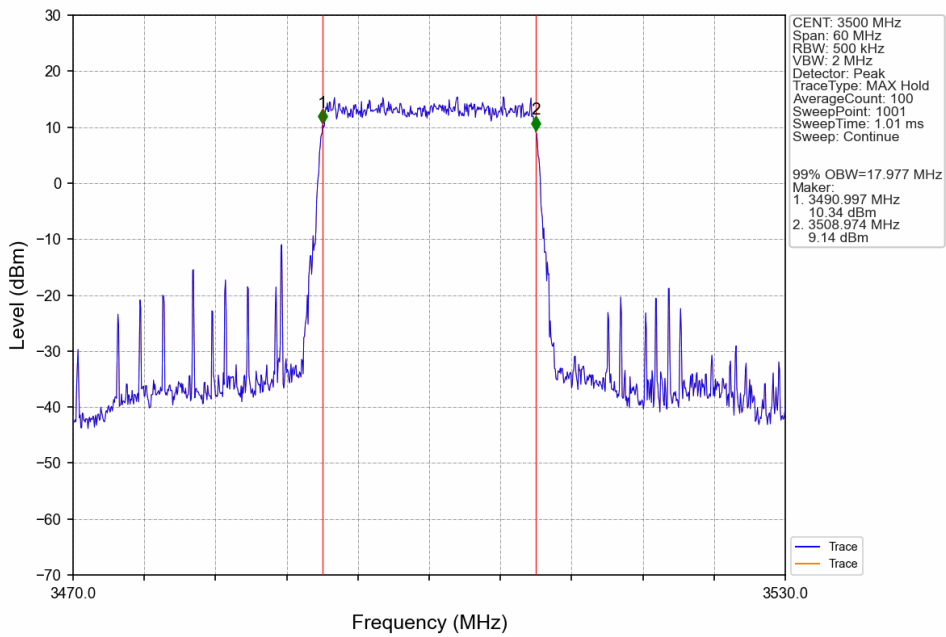
Band42a_15MHz_16QAM_MCH_3500MHz_RB_75_0_NTNV



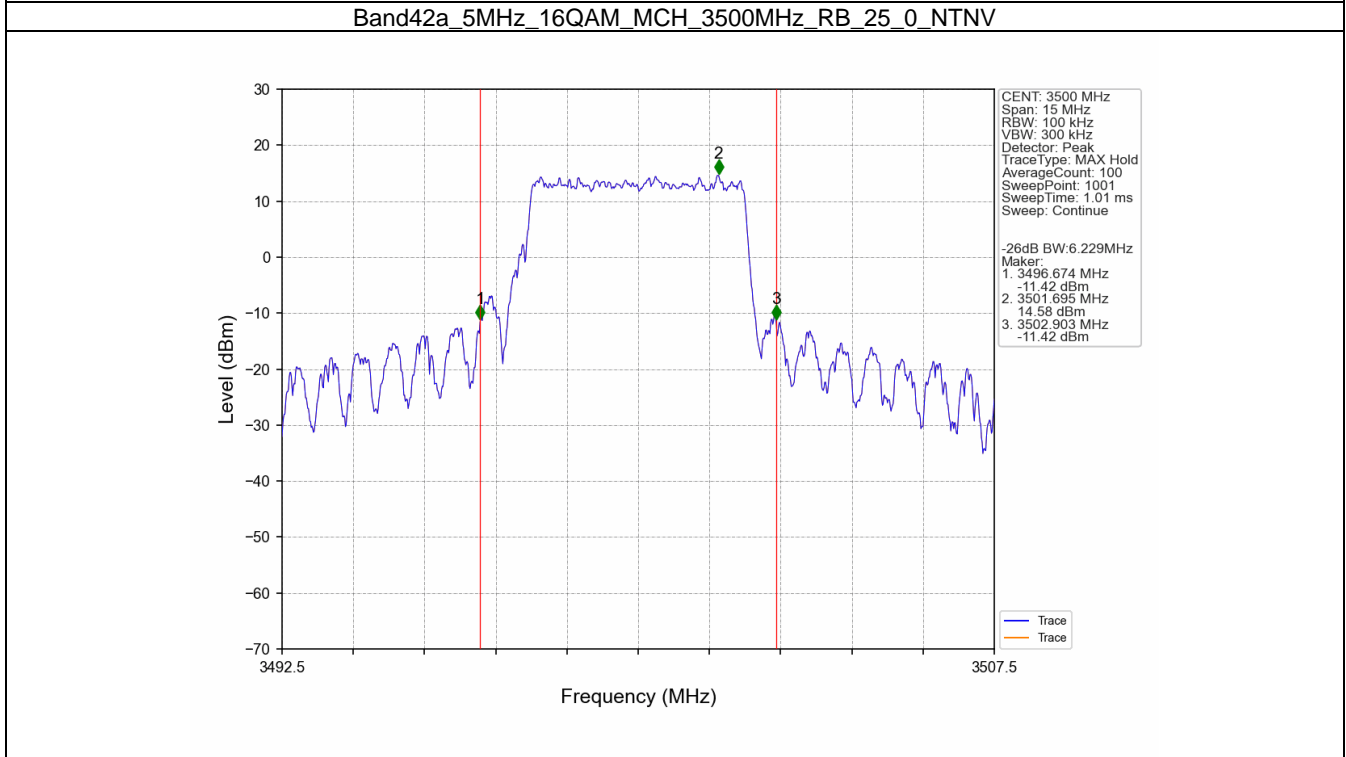
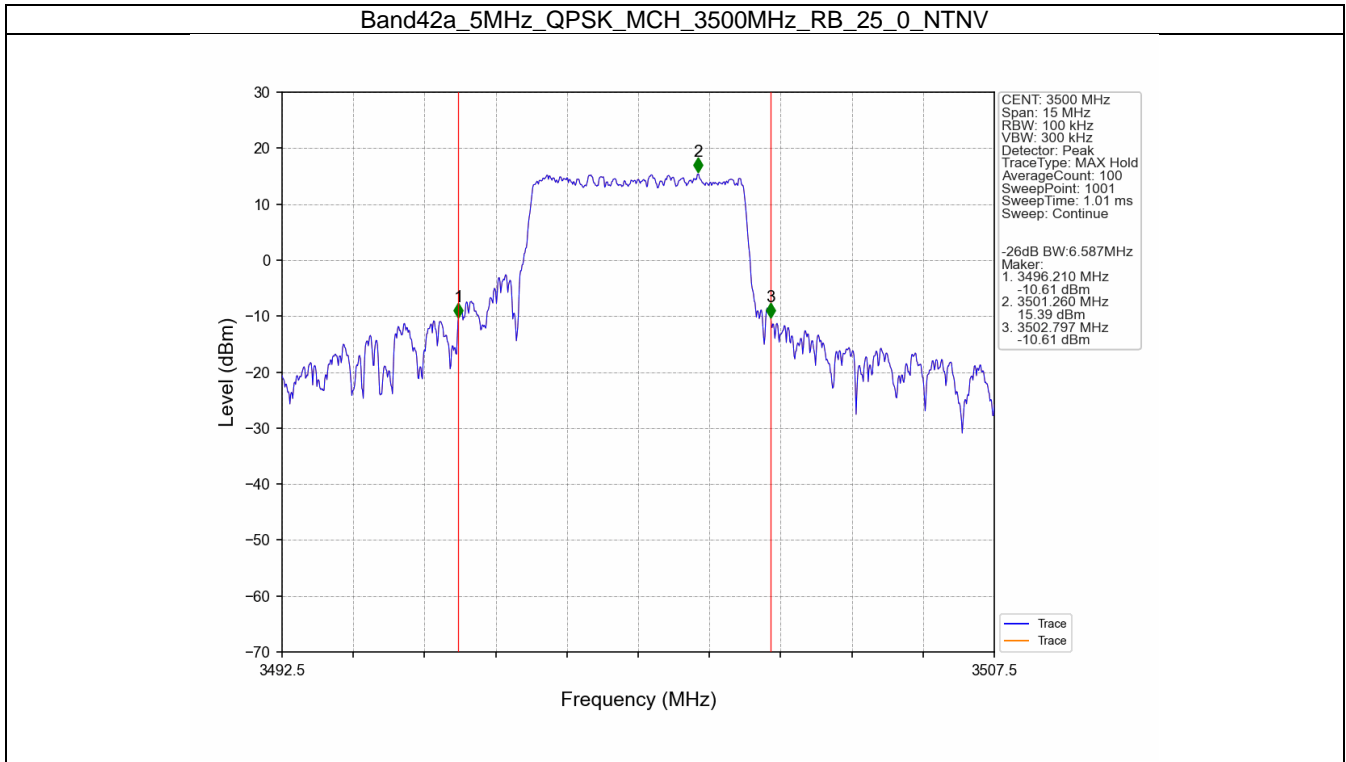
Band42a_20MHz_QPSK_MCH_3500MHz_RB_100_0_NTNV



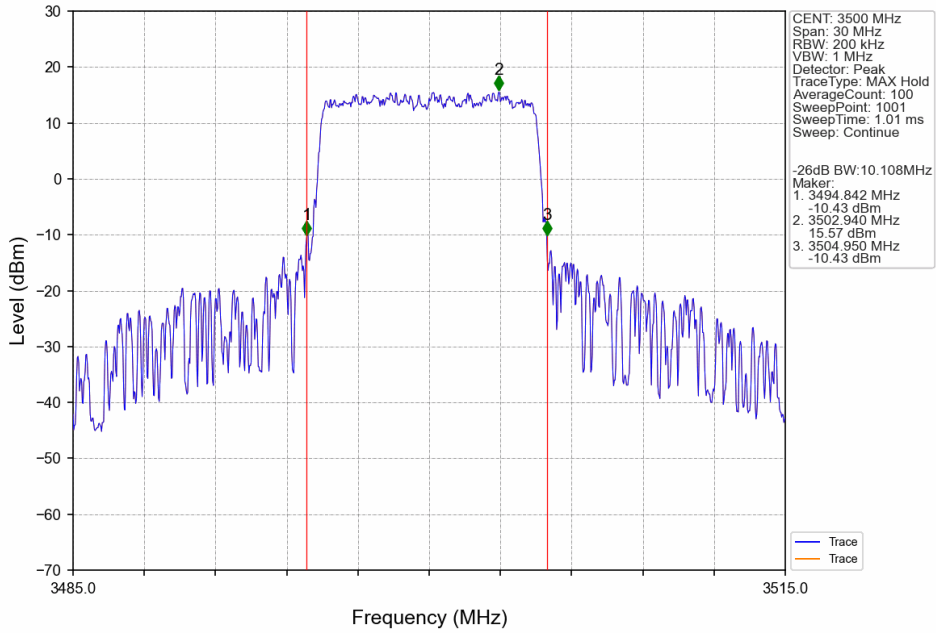
Band42a_20MHz_16QAM_MCH_3500MHz_RB_100_0_NTNV



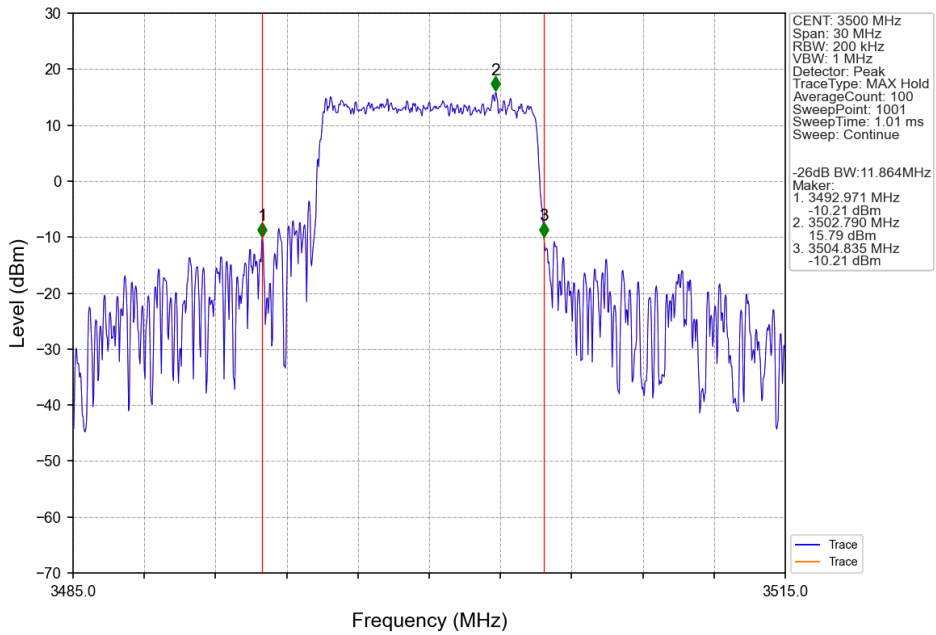
3.2.2 Band42a_XDB



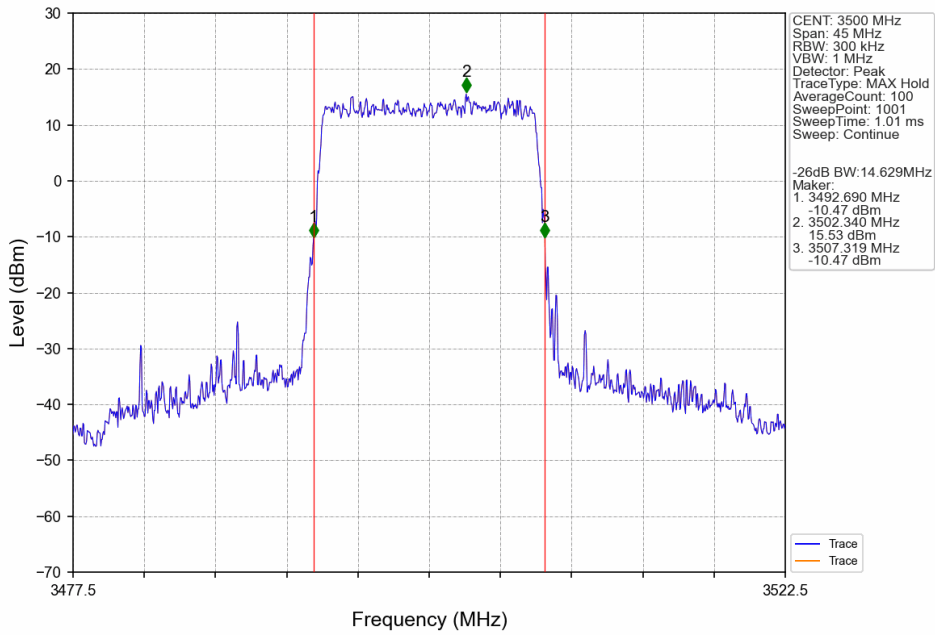
Band42a_10MHz_QPSK_MCH_3500MHz_RB_50_0_NTNV



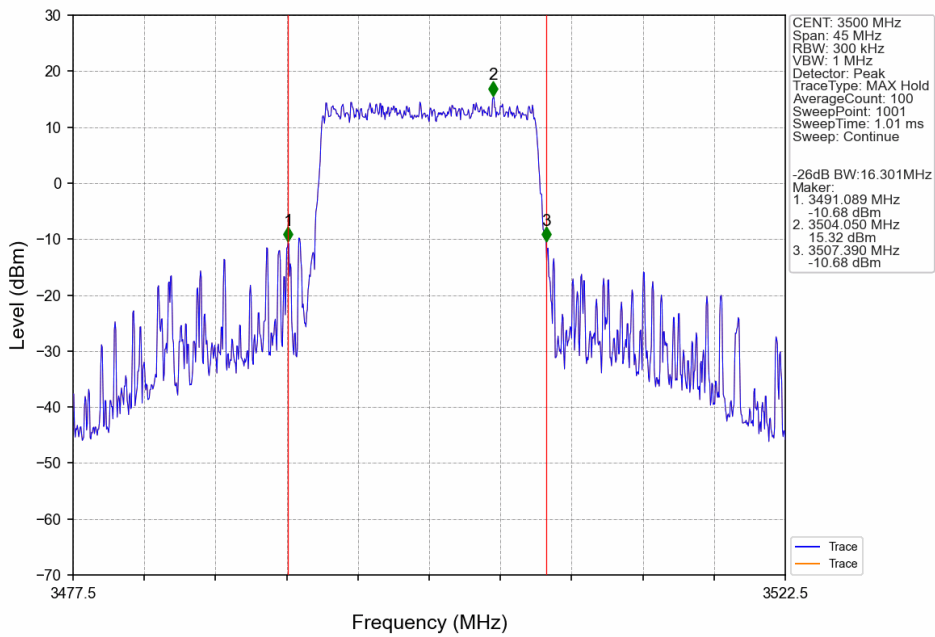
Band42a_10MHz_16QAM_MCH_3500MHz_RB_50_0_NTNV



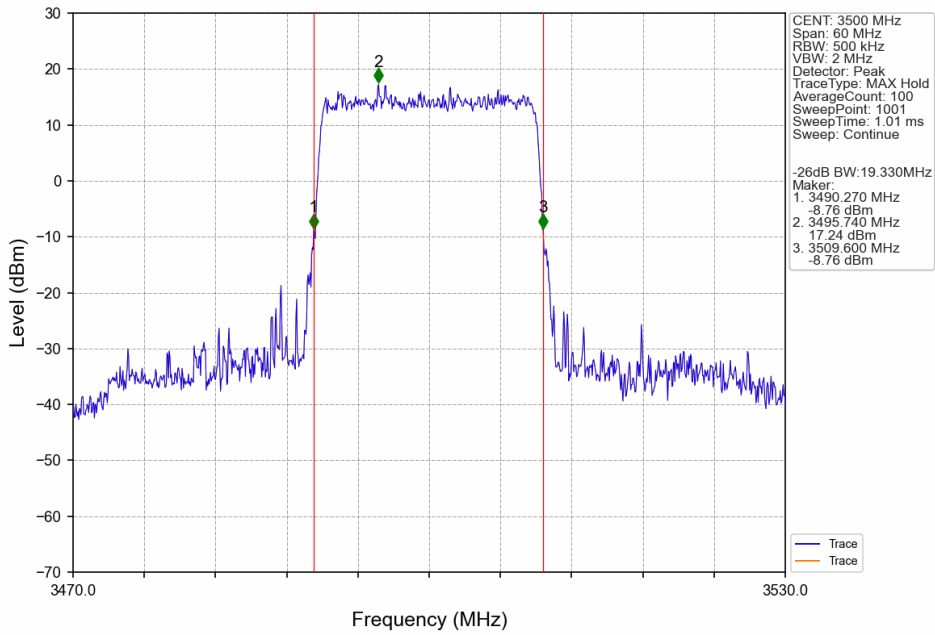
Band42a_15MHz_QPSK_MCH_3500MHz_RB_75_0_NTNV



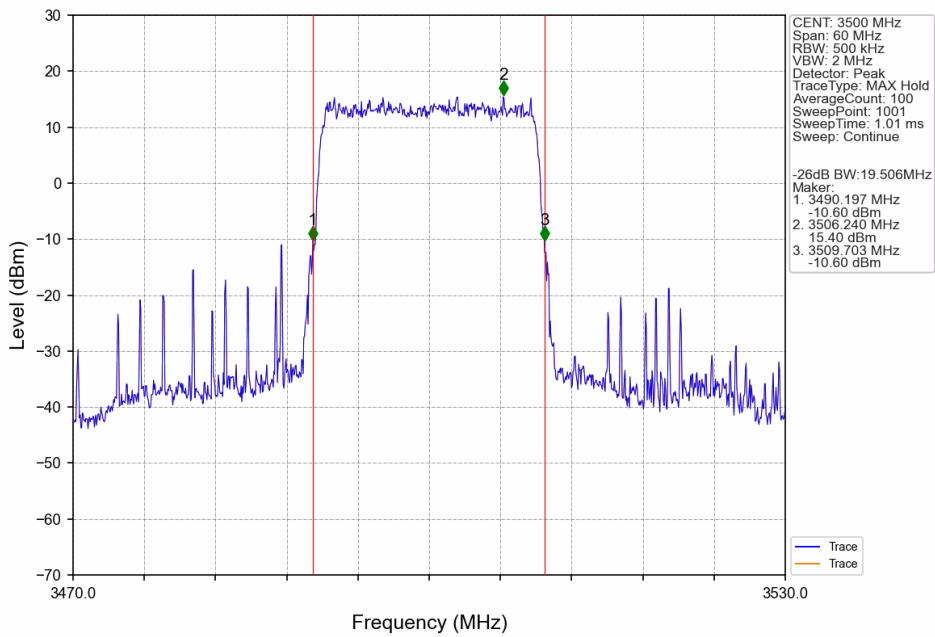
Band42a_15MHz_16QAM_MCH_3500MHz_RB_75_0_NTNV



Band42a_20MHz_QPSK_MCH_3500MHz_RB_100_0_NTNV



Band42a_20MHz_16QAM_MCH_3500MHz_RB_100_0_NTNV



4. Peak-Average Ratio

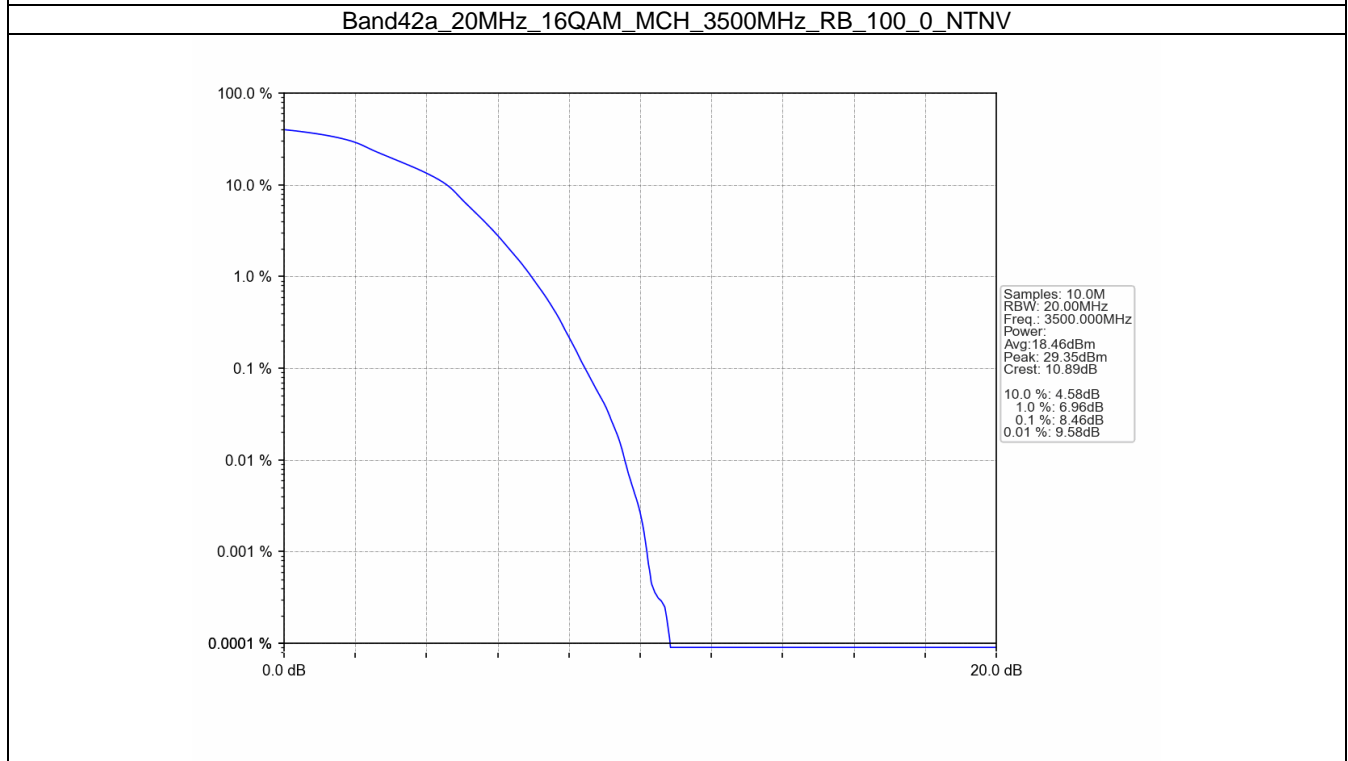
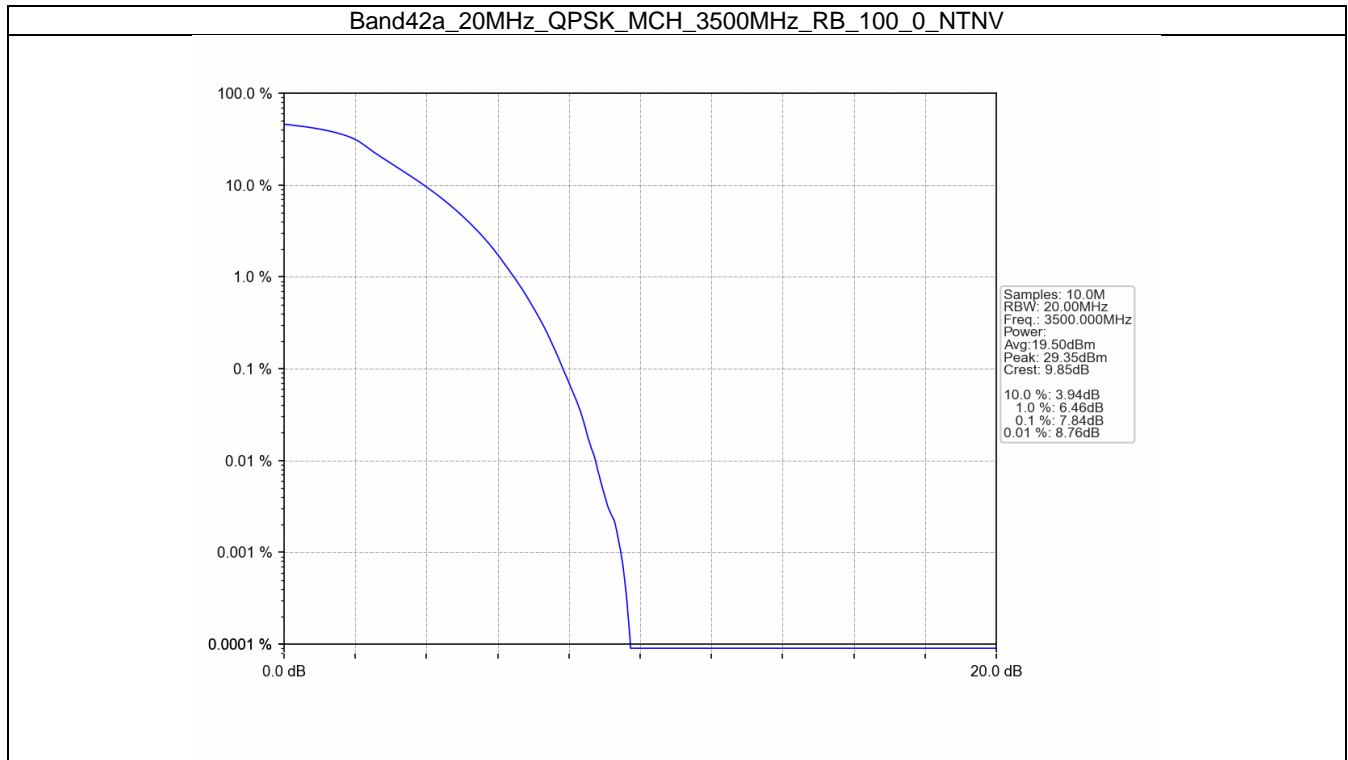
4.1 Test Result

4.1.1 B42a_20MHz

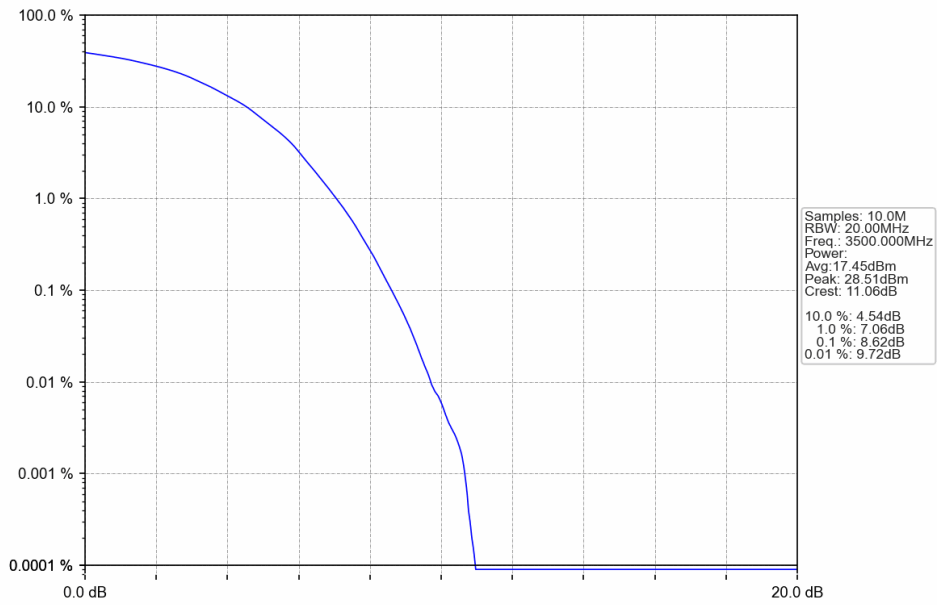
Band: 42a / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3500	100	0	7.84	<=13	Pass
16QAM	3500	100	0	8.46	<=13	Pass
64QAM	3500	100	0	8.62	<=13	Pass
256QAM	3500	100	0	8.58	<=13	Pass

4.2 Test Graph

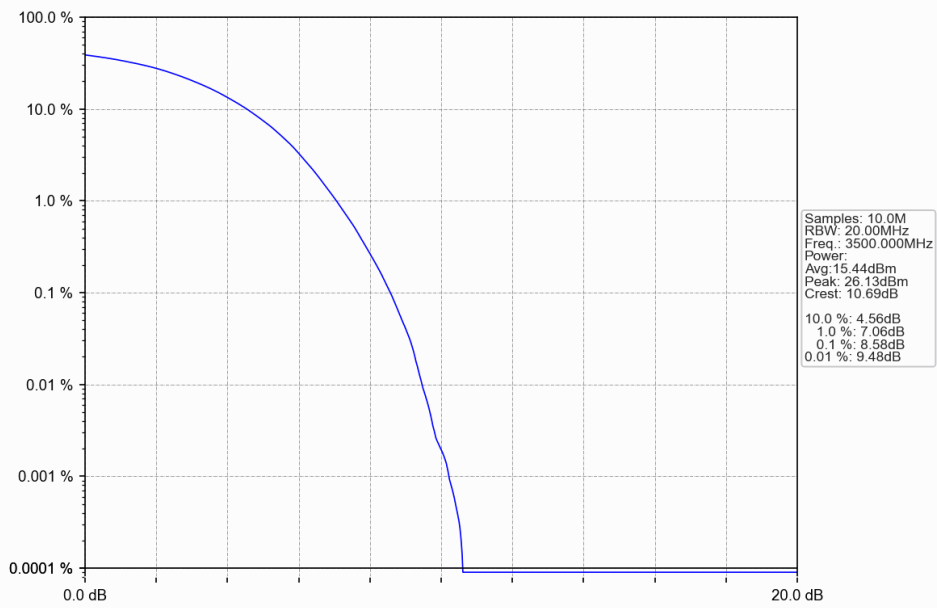
4.2.1 B42a_20MHz



Band42a_20MHz_64QAM_MCH_3500MHz_RB_100_0_NTNV



Band42a_20MHz_256QAM_MCH_3500MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B42a_5MHz

Band: 42a / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3452.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3547.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B42a_10MHz

Band: 42a / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3455	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3545	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B42a_15MHz

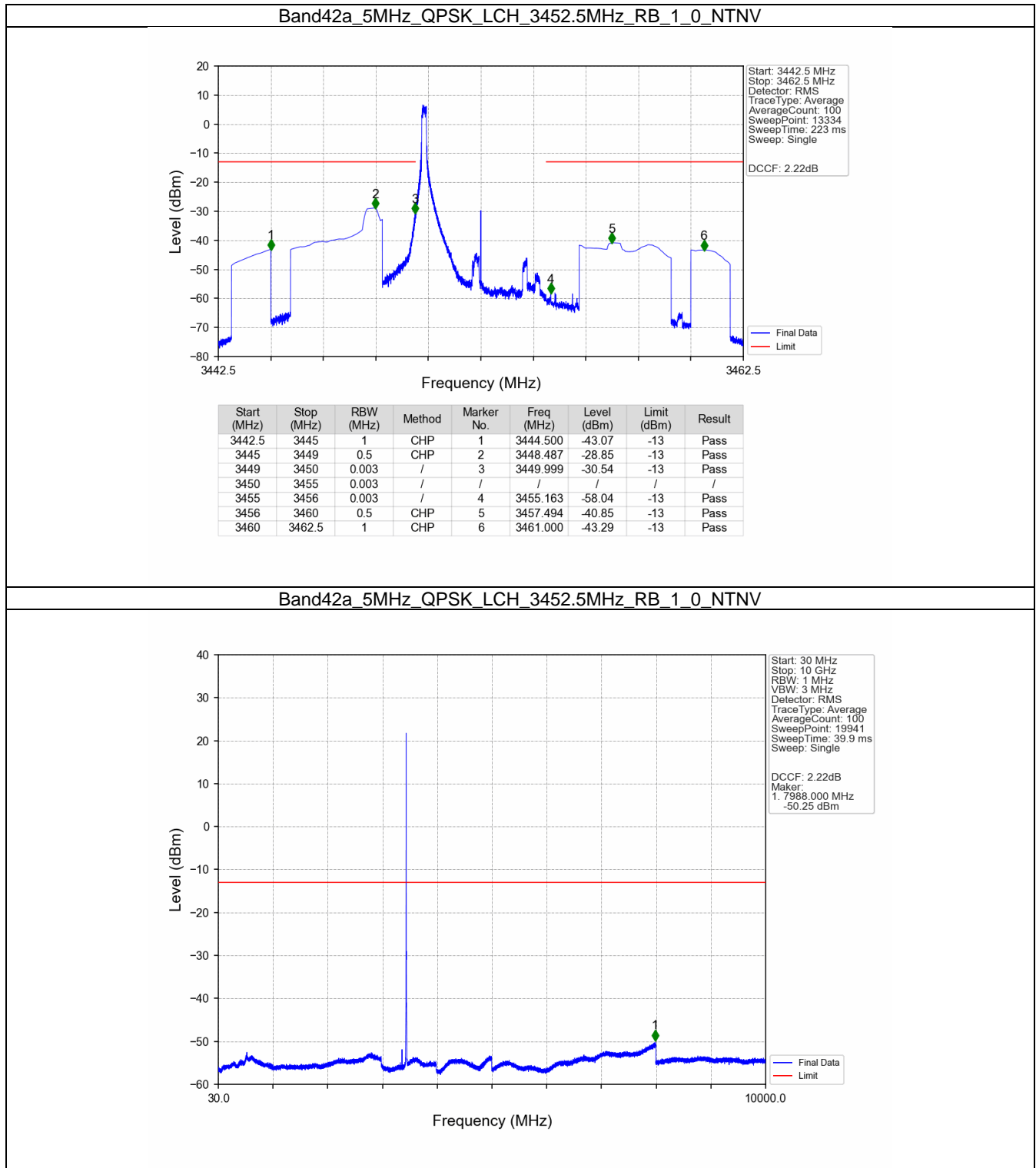
Band: 42a / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3457.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3542.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B42a_20MHz

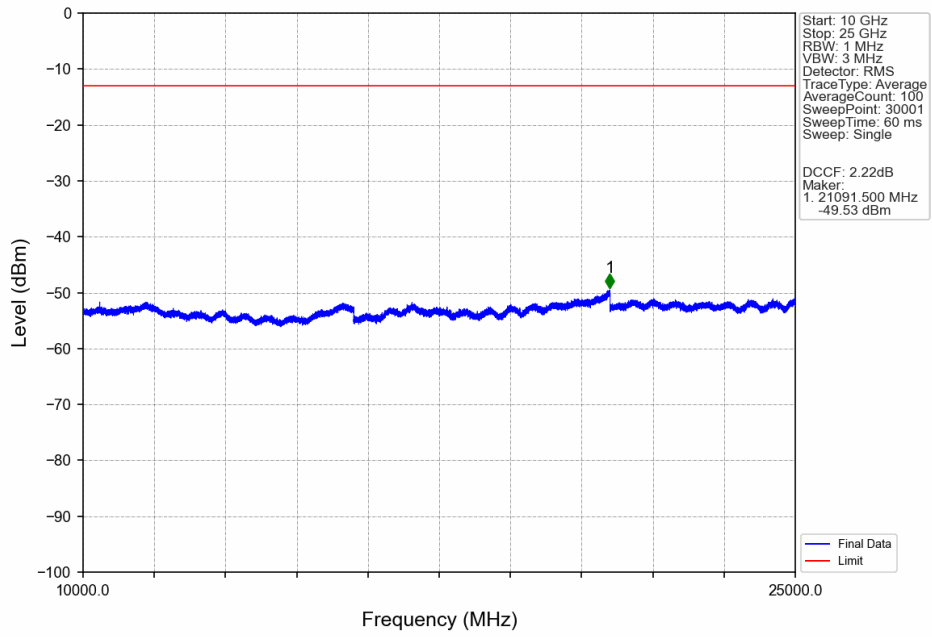
Band: 42a / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3460	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3500	1	0	Refer To Test Graph		Pass
	3540	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

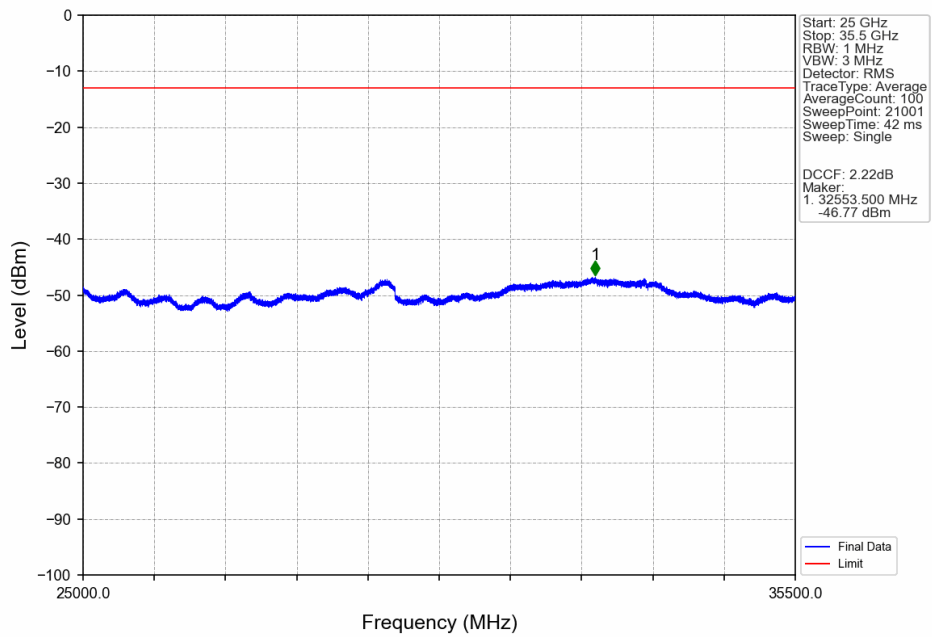
5.2.1 B42a_5MHz



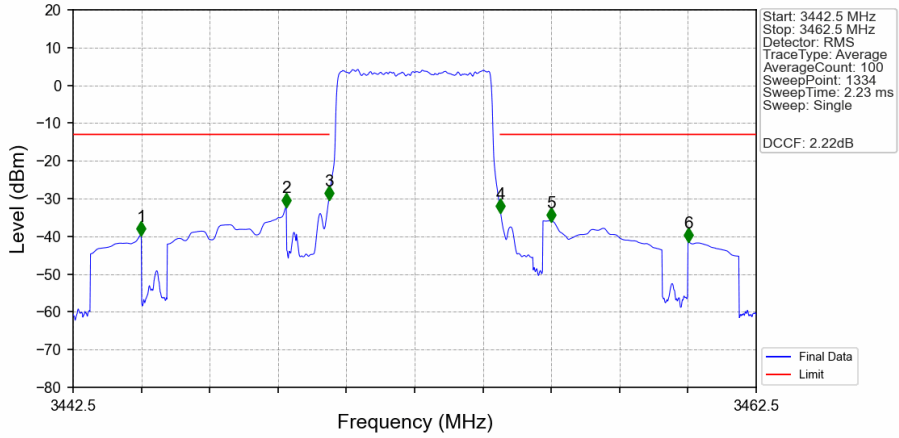
Band42a_5MHz_QPSK_LCH_3452.5MHz_RB_1_0_NTNV



Band42a_5MHz_QPSK_LCH_3452.5MHz_RB_1_0_NTNV

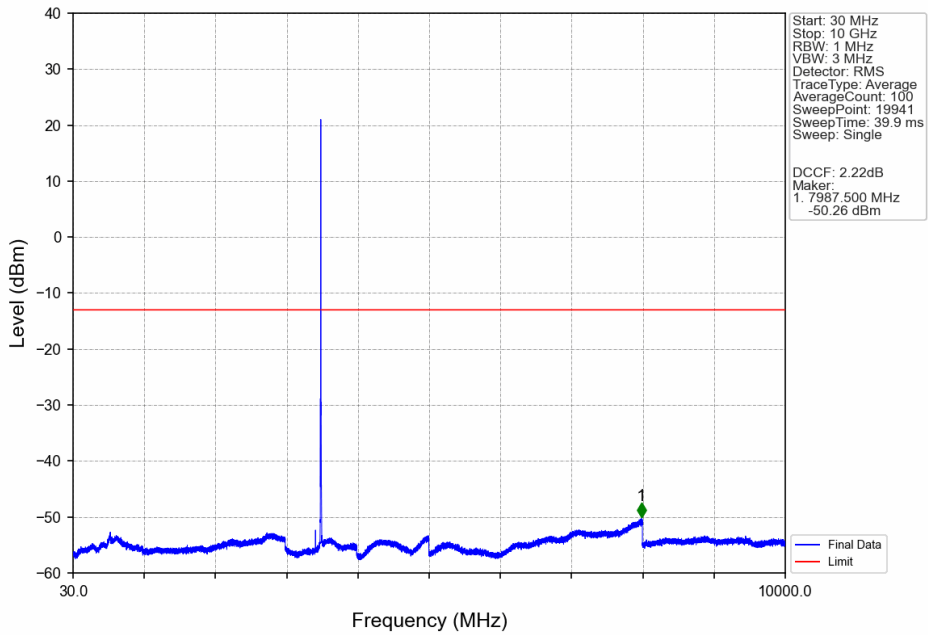


Band42a_5MHz_QPSK_LCH_3452.5MHz_RB_25_0_NTNV

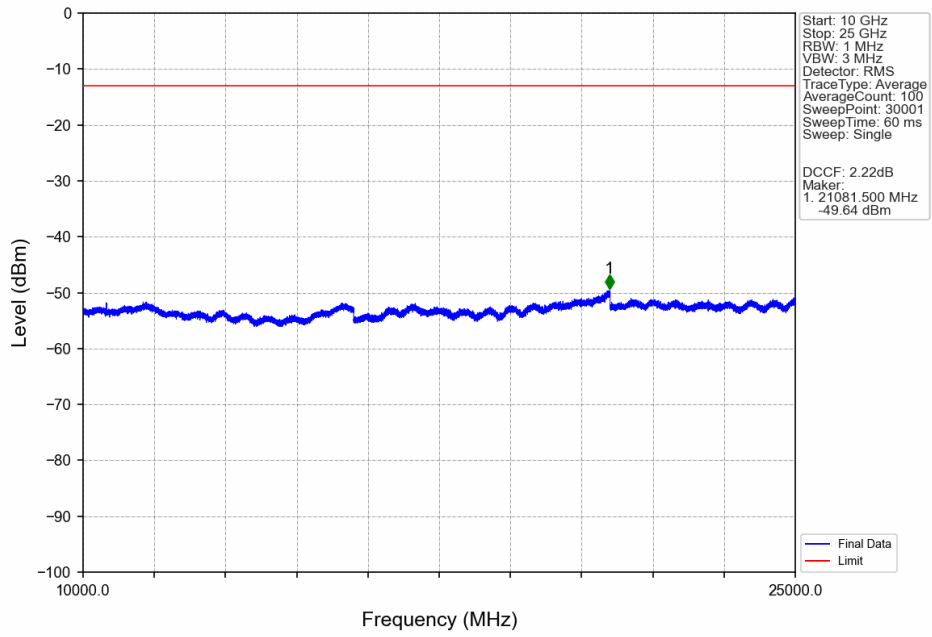


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3442.5	3445	1	CHP	1	3444.495	-39.50	-13	Pass
3445	3449	0.5	CHP	2	3448.742	-31.93	-13	Pass
3449	3450	0.066	CHP	3	3449.987	-30.13	-13	Pass
3450	3455	0.066	CHP	/	/	/	/	/
3455	3456	0.066	CHP	4	3455.013	-33.52	-13	Pass
3456	3460	0.5	CHP	5	3456.483	-35.84	-13	Pass
3460	3462.5	1	CHP	6	3460.505	-41.30	-13	Pass

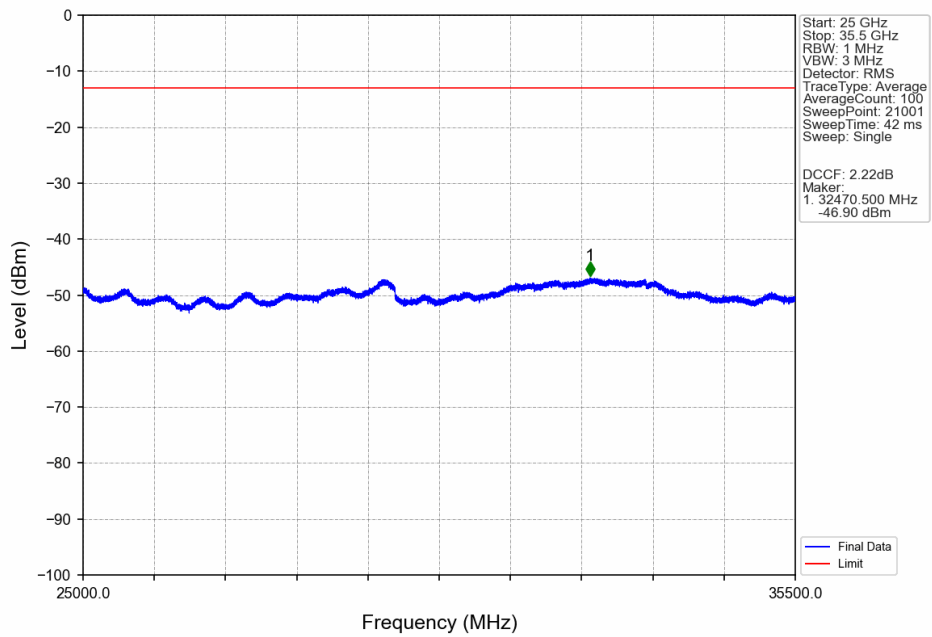
Band42a_5MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



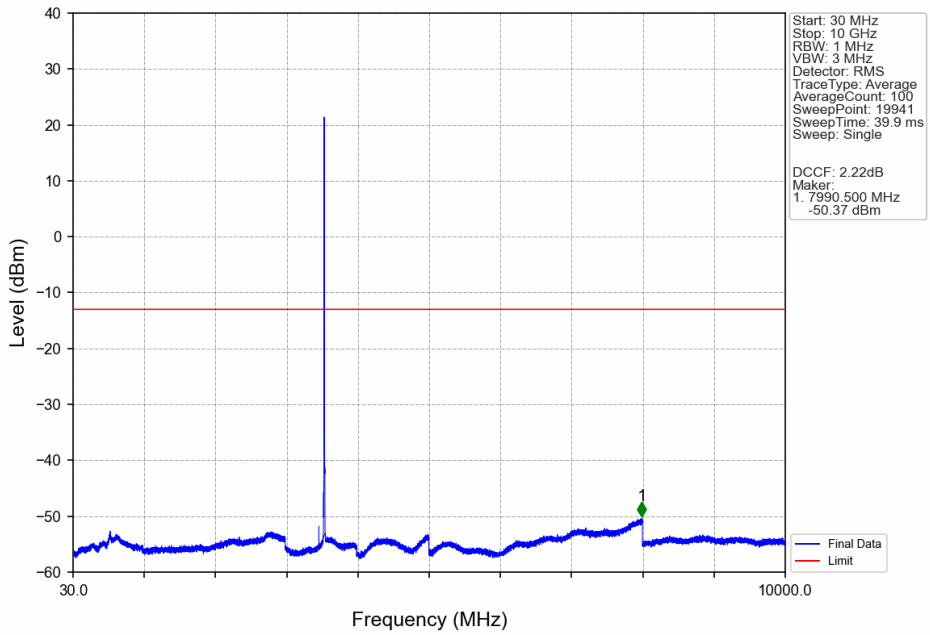
Band42a_5MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



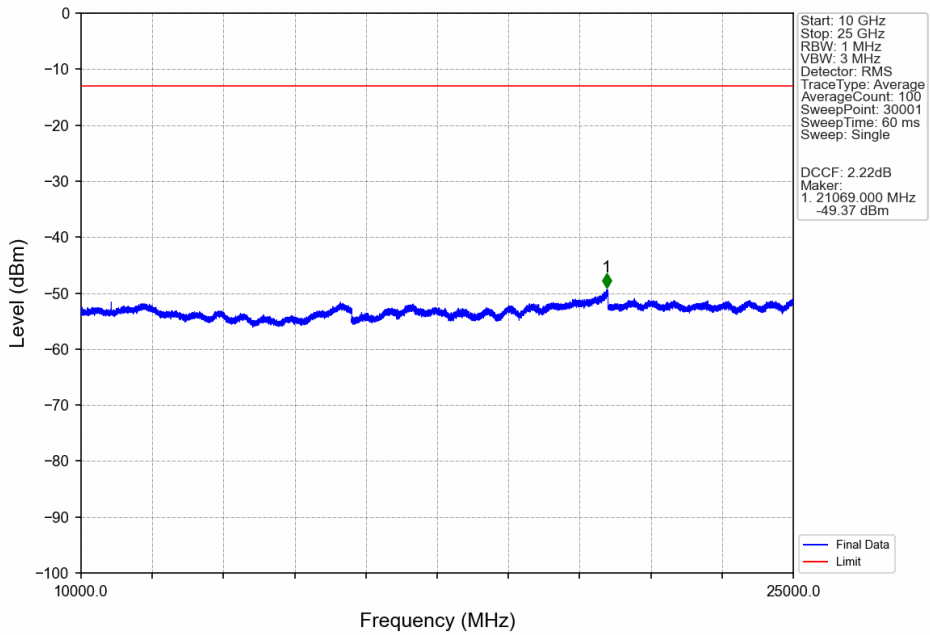
Band42a_5MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



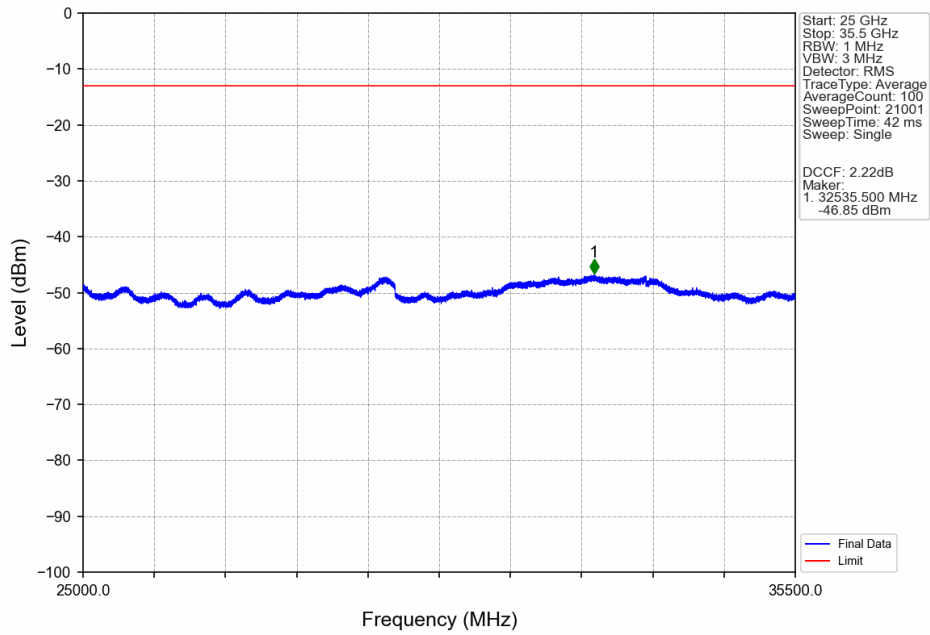
Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_1_0_NTNV



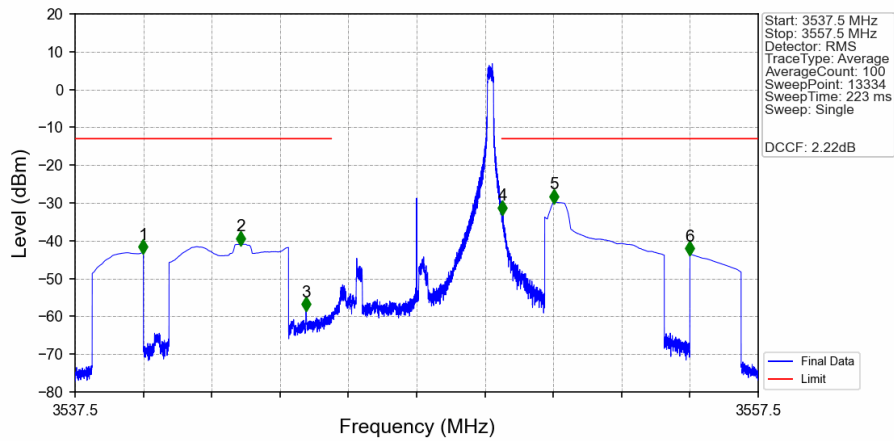
Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_1_0_NTNV



Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_1_0_NTNV

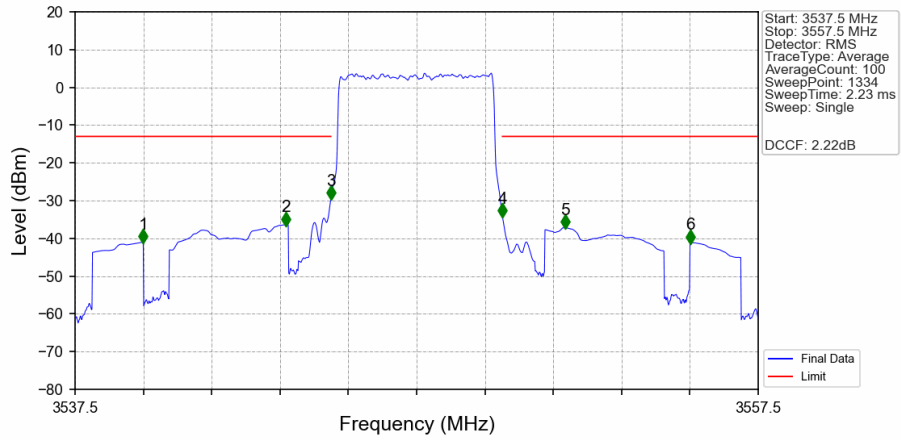


Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_1_24_NTNV



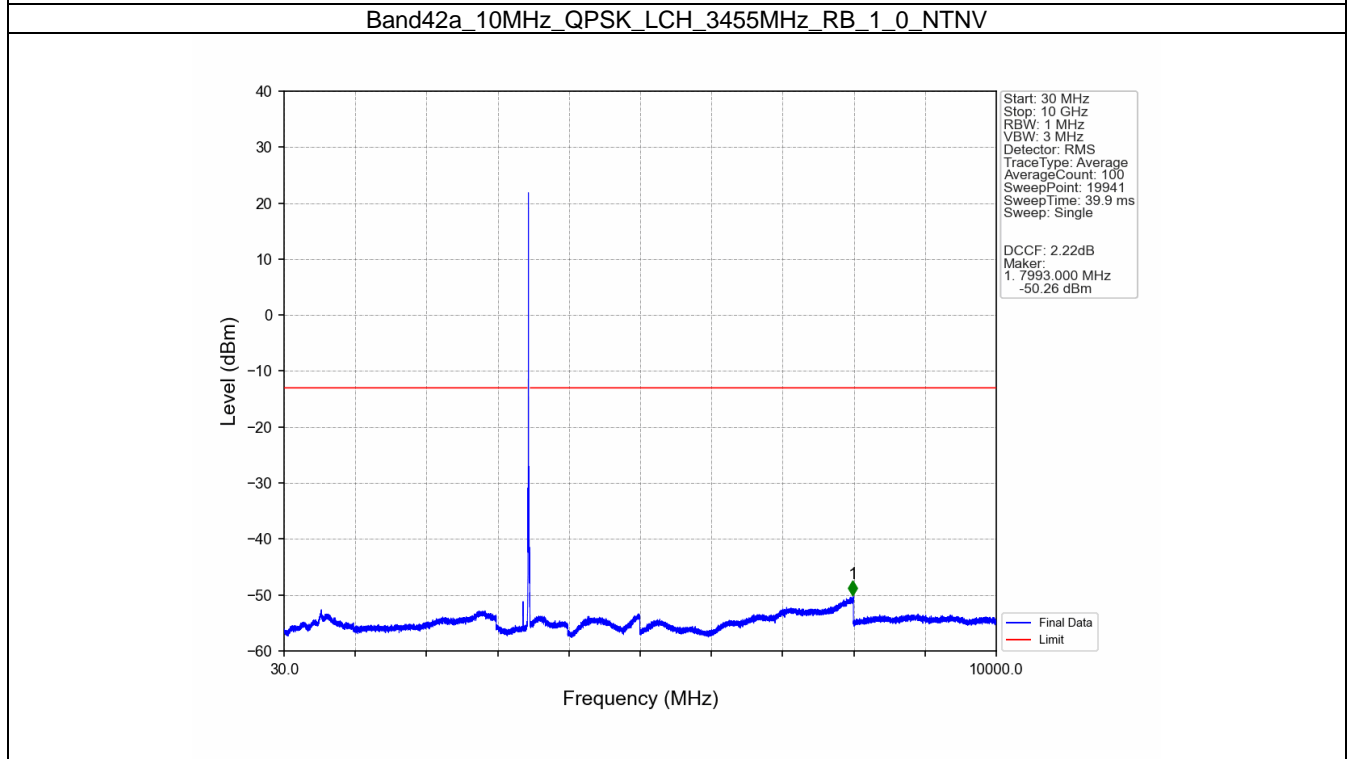
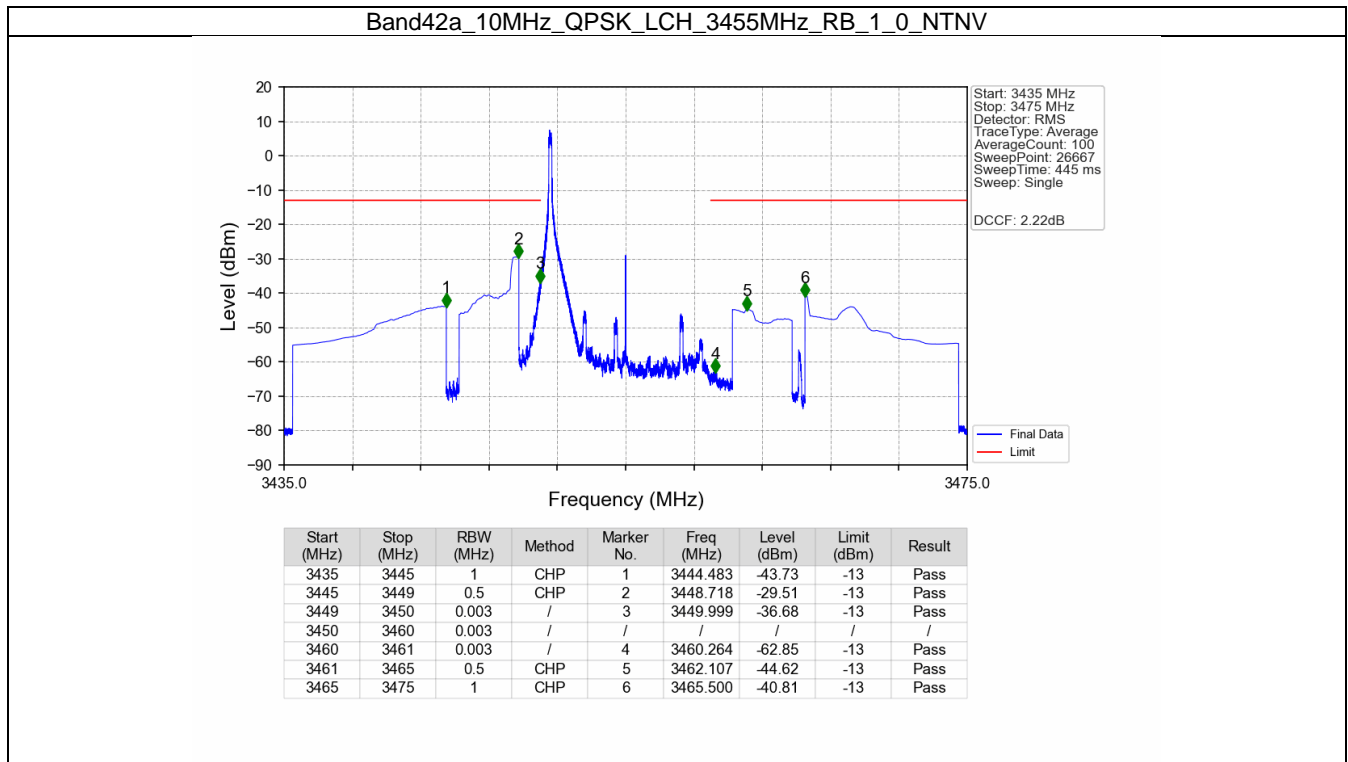
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3537.5	3540	1	CHP	1	3539.491	-43.12	-13	Pass
3540	3544	0.5	CHP	2	3542.348	-40.94	-13	Pass
3544	3545	0.003	/	3	3544.264	-58.29	-13	Pass
3545	3550	0.003	/	/	/	/	/	/
3550	3551	0.003	/	4	3550.009	-32.77	-13	Pass
3551	3555	0.5	CHP	5	3551.507	-29.82	-13	Pass
3555	3557.5	1	CHP	6	3555.500	-43.53	-13	Pass

Band42a_5MHz_QPSK_HCH_3547.5MHz_RB_25_0_NTNV

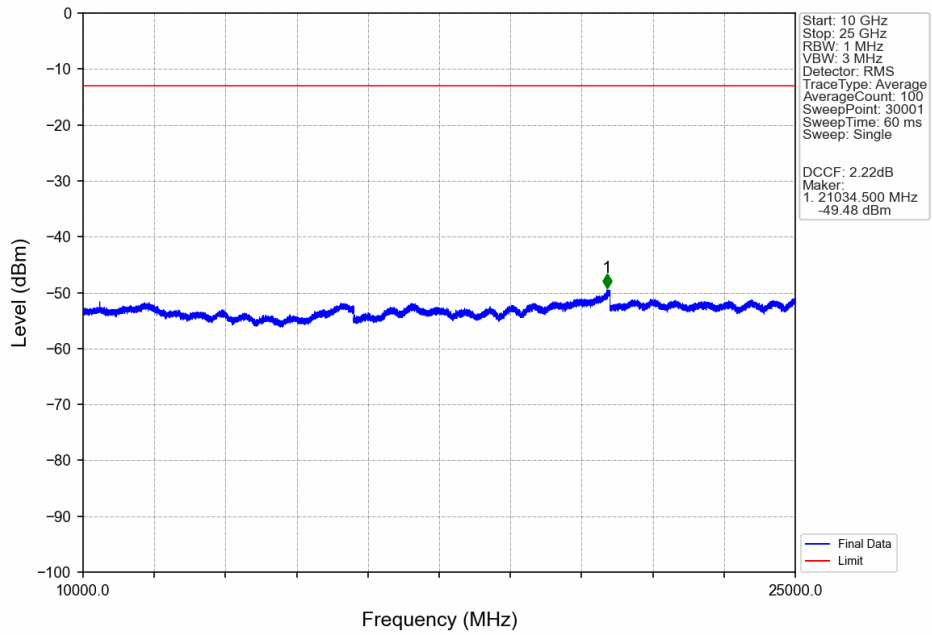


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3537.5	3540	1	CHP	1	3539.495	-41.00	-13	Pass
3540	3544	0.5	CHP	2	3543.667	-36.39	-13	Pass
3544	3545	0.062	CHP	3	3544.987	-29.52	-13	Pass
3545	3550	0.062	CHP	/	/	/	/	/
3550	3551	0.062	CHP	4	3550.013	-34.21	-13	Pass
3551	3555	0.5	CHP	5	3551.844	-37.21	-13	Pass
3555	3557.5	1	CHP	6	3555.505	-41.14	-13	Pass

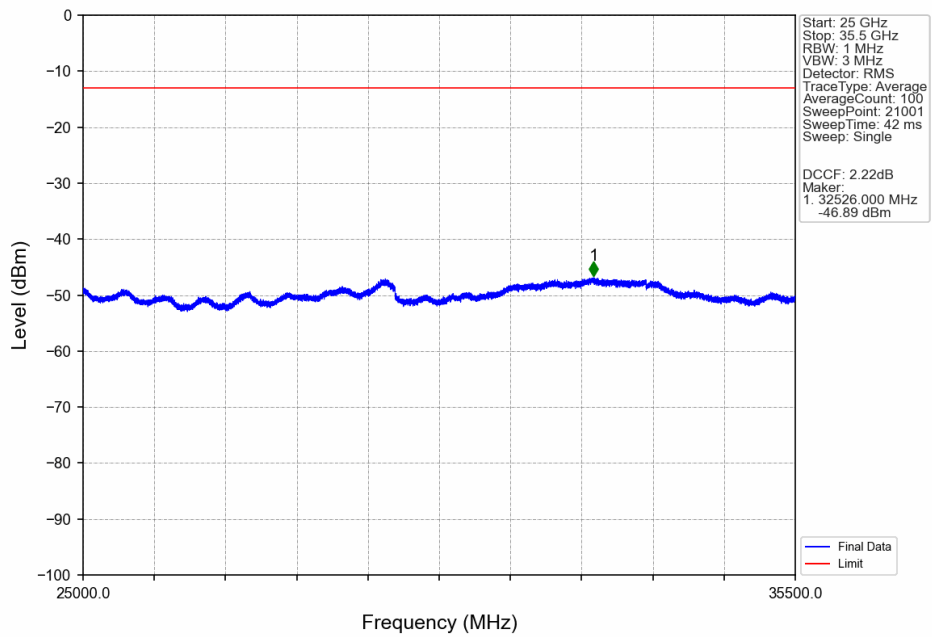
5.2.2 B42a_10MHz



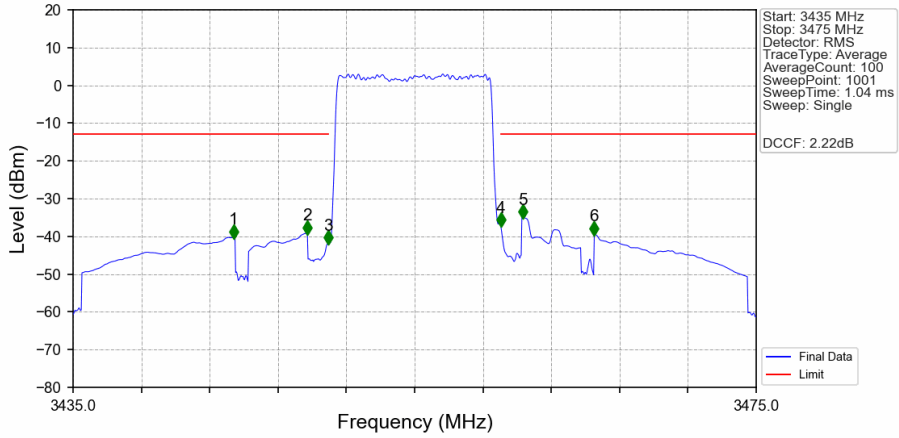
Band42a_10MHz_QPSK_LCH_3455MHz_RB_1_0_NTNV



Band42a_10MHz_QPSK_LCH_3455MHz_RB_1_0_NTNV

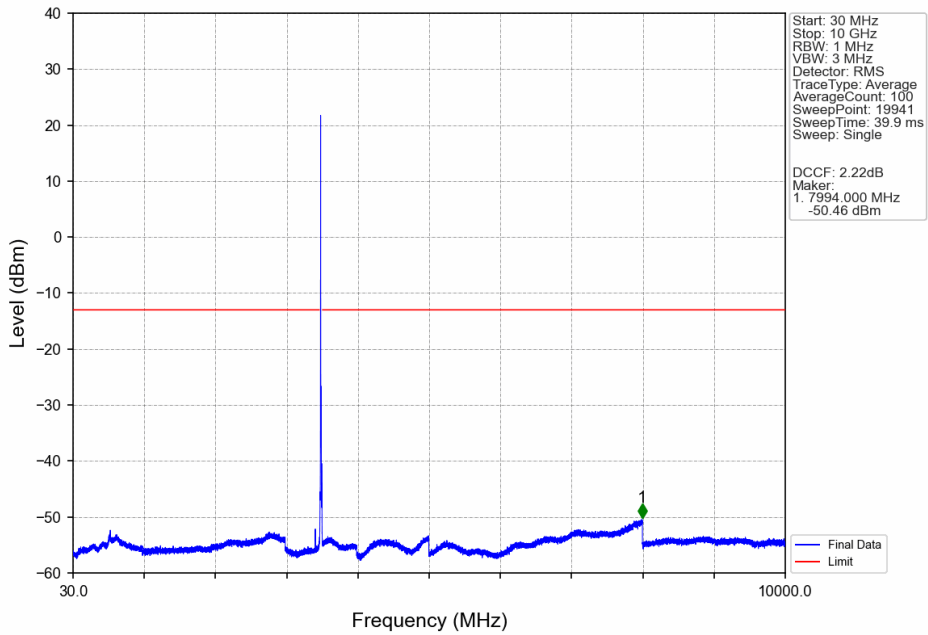


Band42a_10MHz_QPSK_LCH_3455MHz_RB_50_0_NTNV

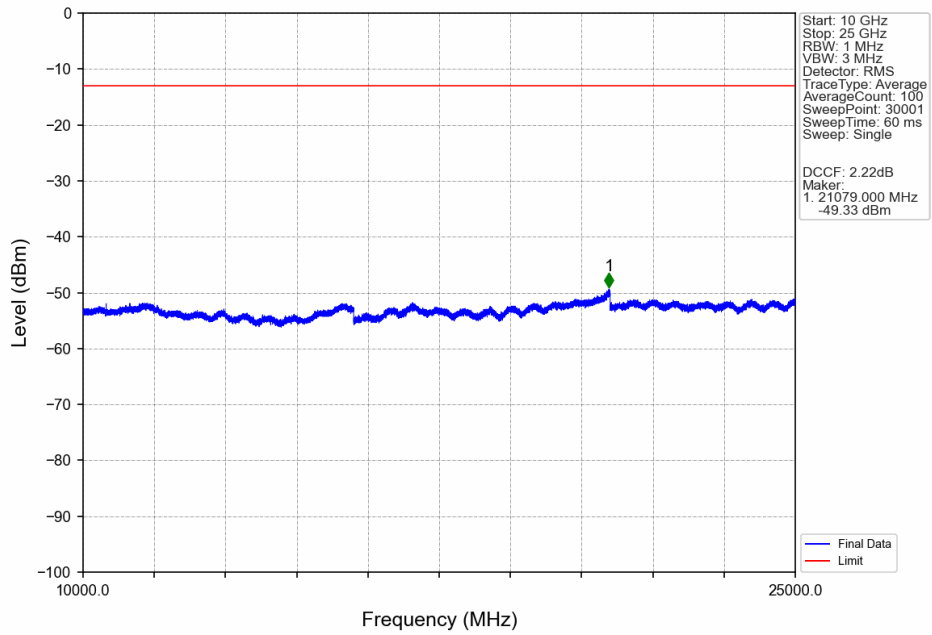


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3435	3445	1	CHP	1	3444.400	-40.29	-13	Pass
3445	3449	0.5	CHP	2	3448.720	-39.21	-13	Pass
3449	3450	0.101	CHP	3	3449.960	-41.81	-13	Pass
3450	3460	0.101	CHP	/	/	/	/	/
3460	3461	0.101	CHP	4	3460.040	-37.19	-13	Pass
3461	3465	0.5	CHP	5	3461.320	-35.02	-13	Pass
3465	3475	1	CHP	6	3465.520	-39.42	-13	Pass

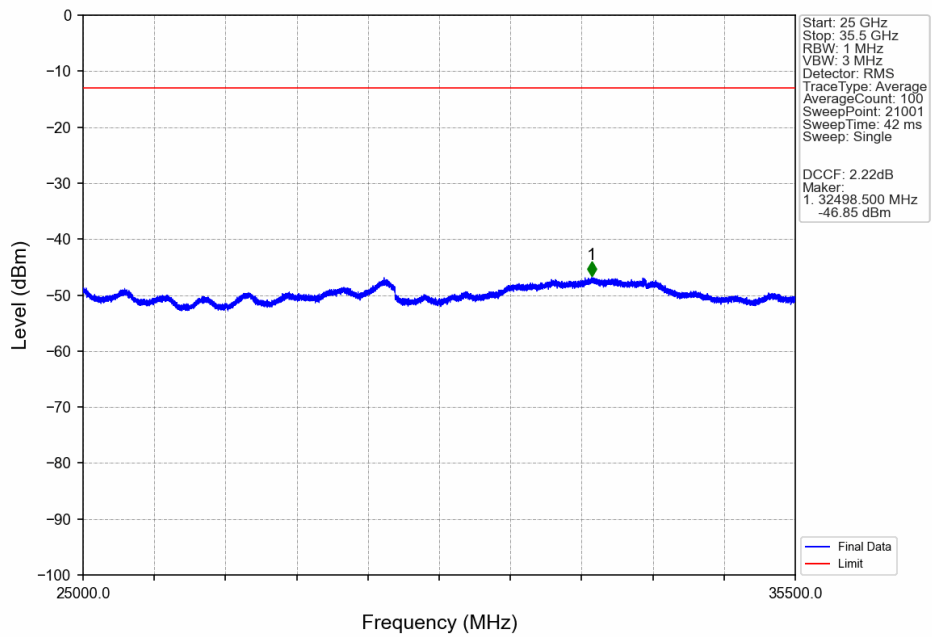
Band42a_10MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



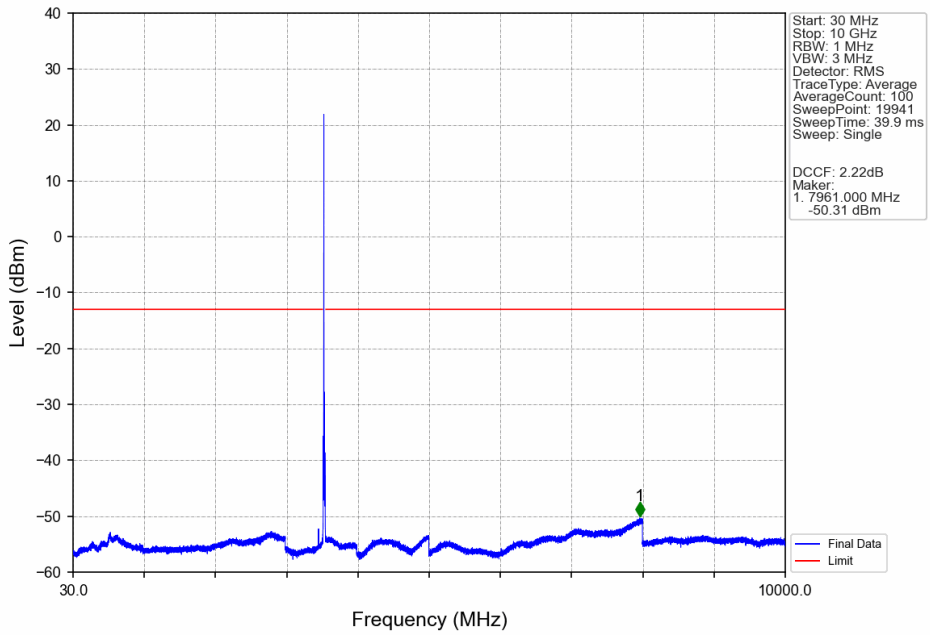
Band42a_10MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



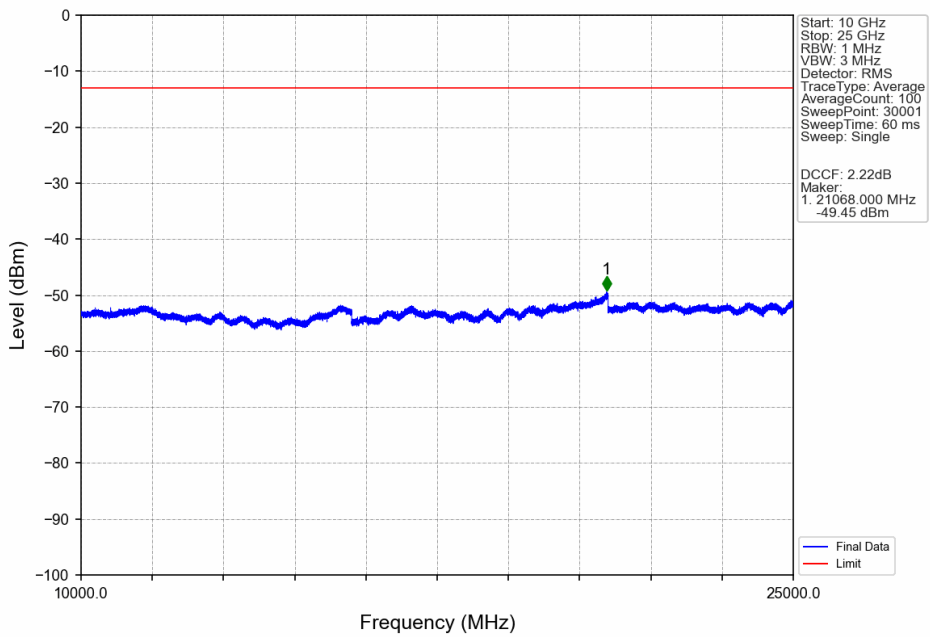
Band42a_10MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



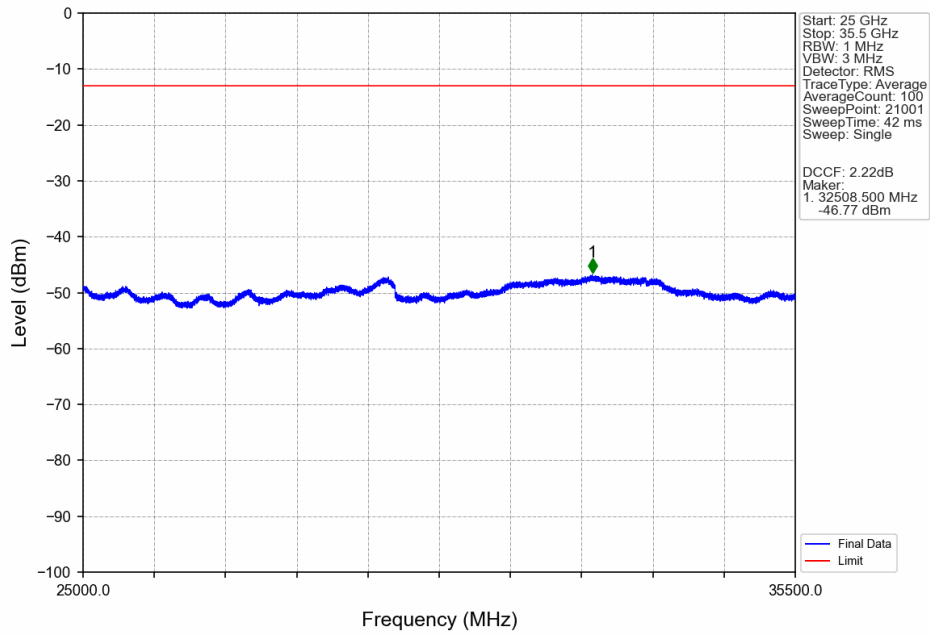
Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV



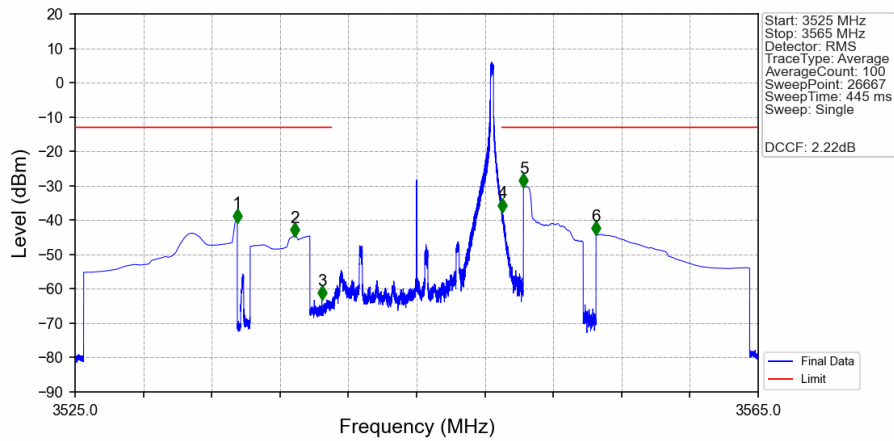
Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV



Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_0_NTNV

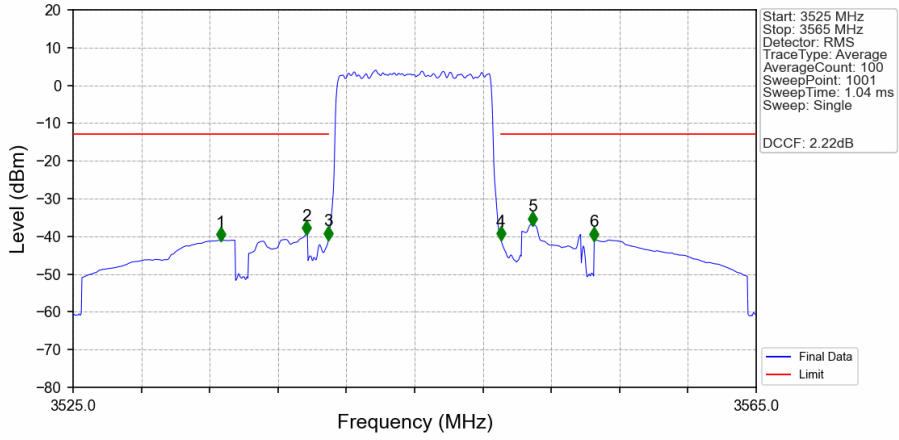


Band42a_10MHz_QPSK_HCH_3545MHz_RB_1_49_NTNV



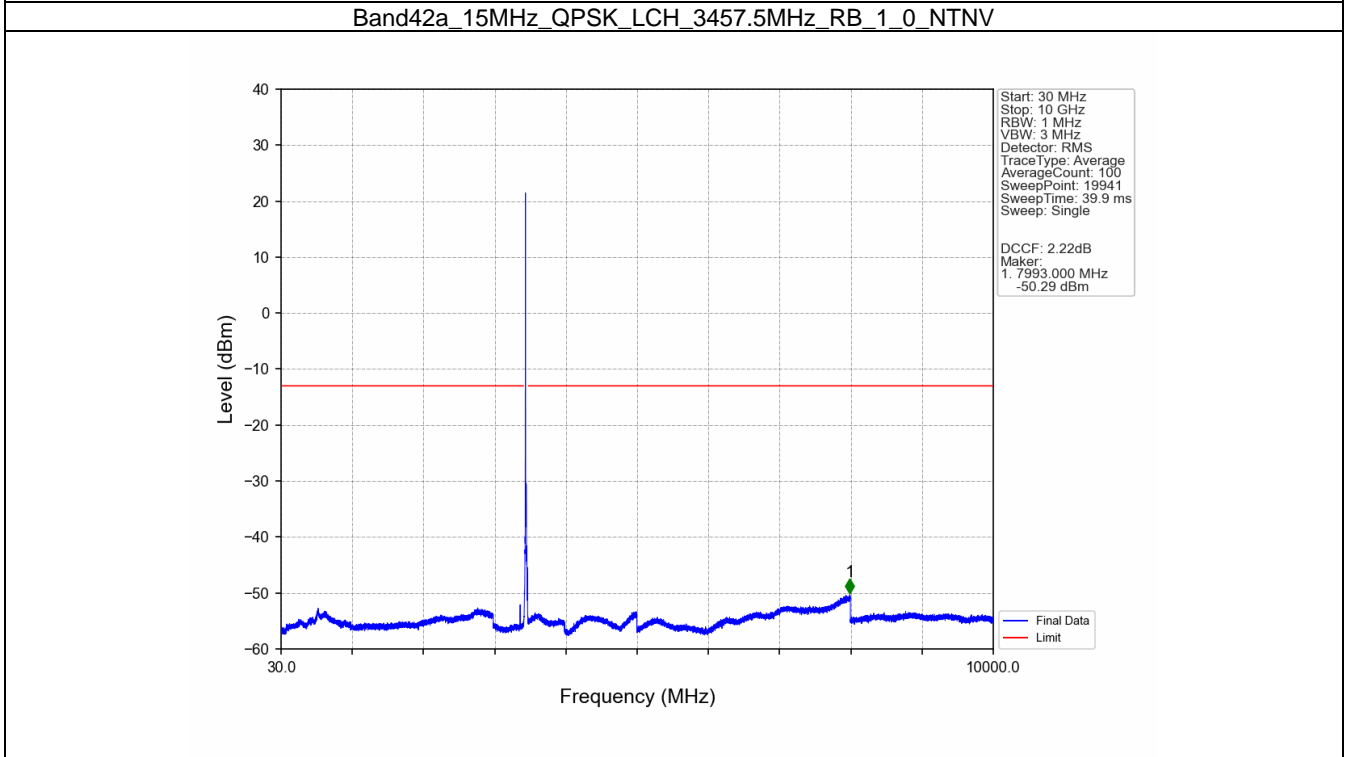
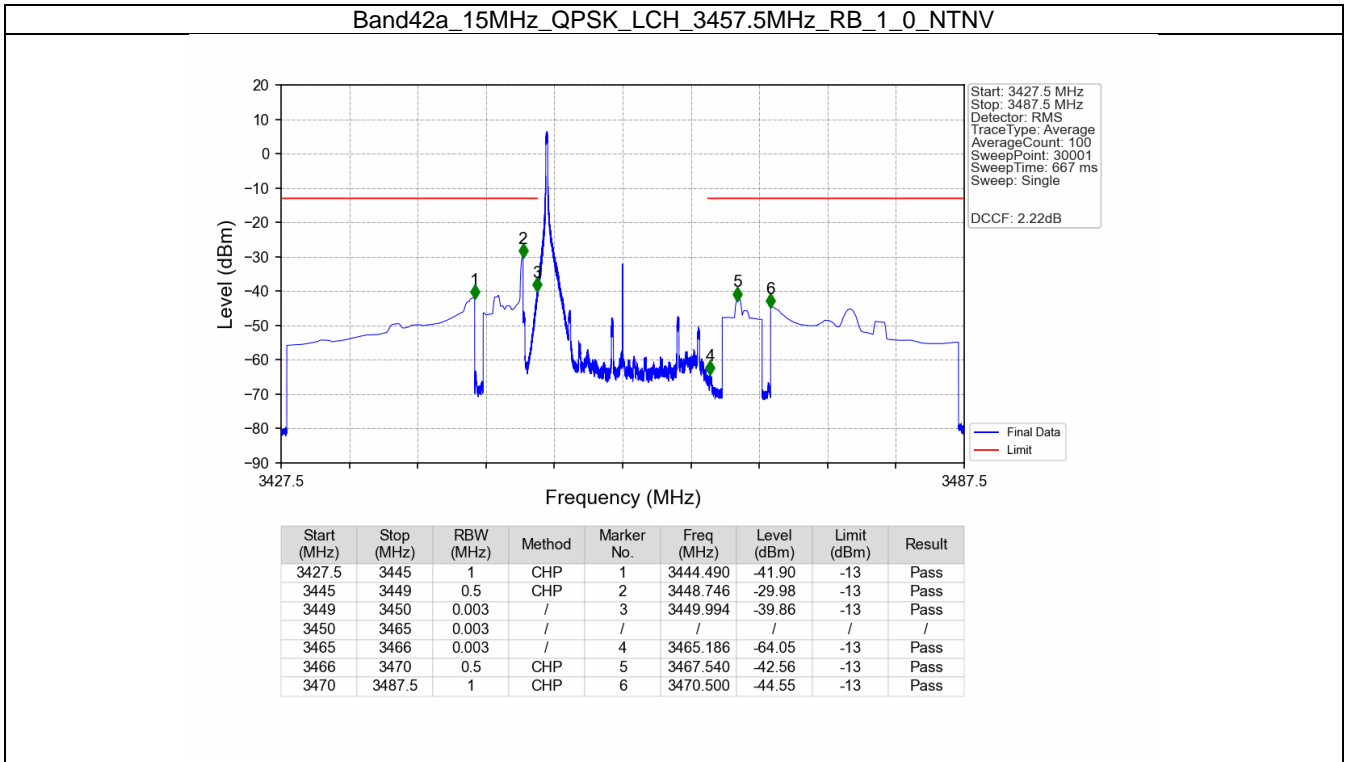
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3525	3535	1	CHP	1	3534.491	-40.40	-13	Pass
3535	3539	0.5	CHP	2	3537.884	-44.57	-13	Pass
3539	3540	0.003	/	3	3539.448	-62.94	-13	Pass
3540	3550	0.003	/	/	/	/	/	/
3550	3551	0.003	/	4	3550.024	-37.37	-13	Pass
3551	3555	0.5	CHP	5	3551.264	-30.25	-13	Pass
3555	3565	1	CHP	6	3555.500	-44.12	-13	Pass

Band42a_10MHz_QPSK_HCH_3545MHz_RB_50_0_NTNV

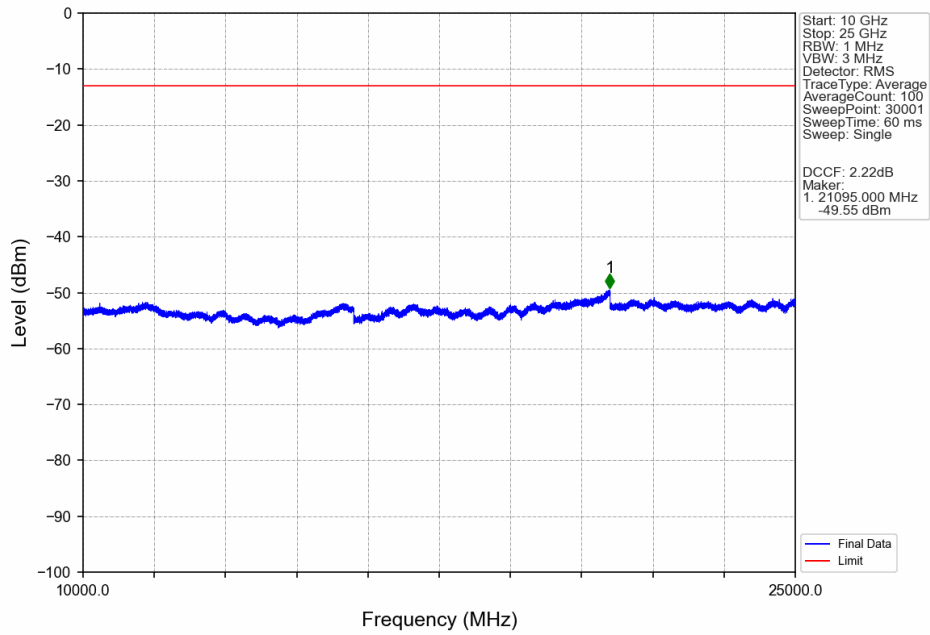


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3525	3535	1	CHP	1	3533.640	-41.01	-13	Pass
3535	3539	0.5	CHP	2	3538.680	-39.36	-13	Pass
3539	3540	0.119	CHP	3	3539.960	-40.71	-13	Pass
3540	3550	0.119	CHP	/	/	/	/	/
3550	3551	0.119	CHP	4	3550.040	-40.85	-13	Pass
3551	3555	0.5	CHP	5	3551.880	-36.86	-13	Pass
3555	3565	1	CHP	6	3555.520	-40.90	-13	Pass

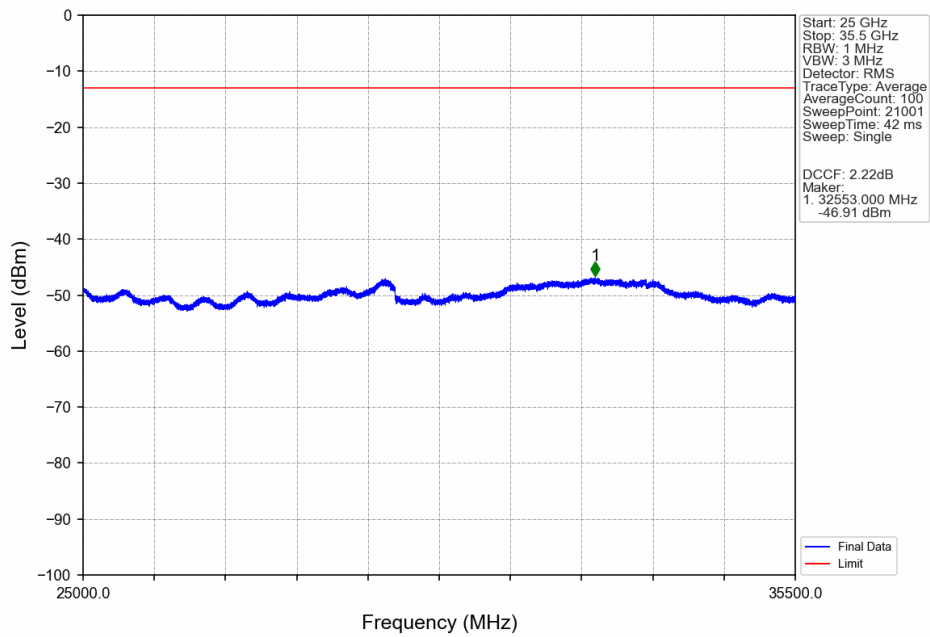
5.2.3 B42a_15MHz



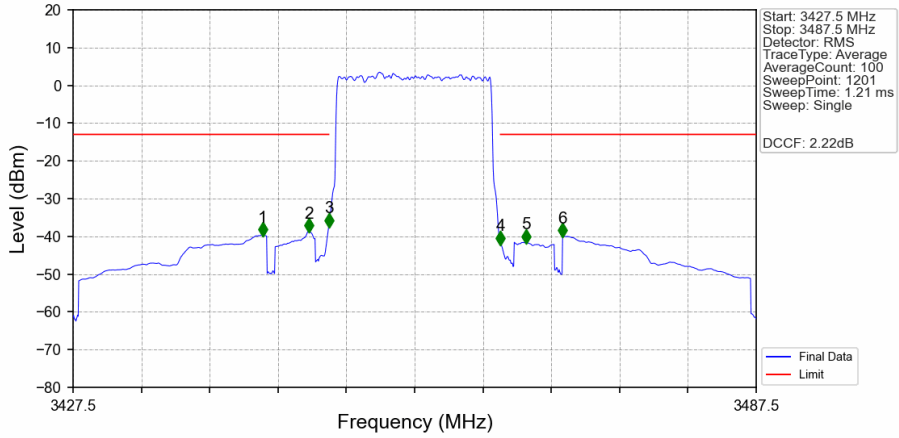
Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV



Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_1_0_NTNV

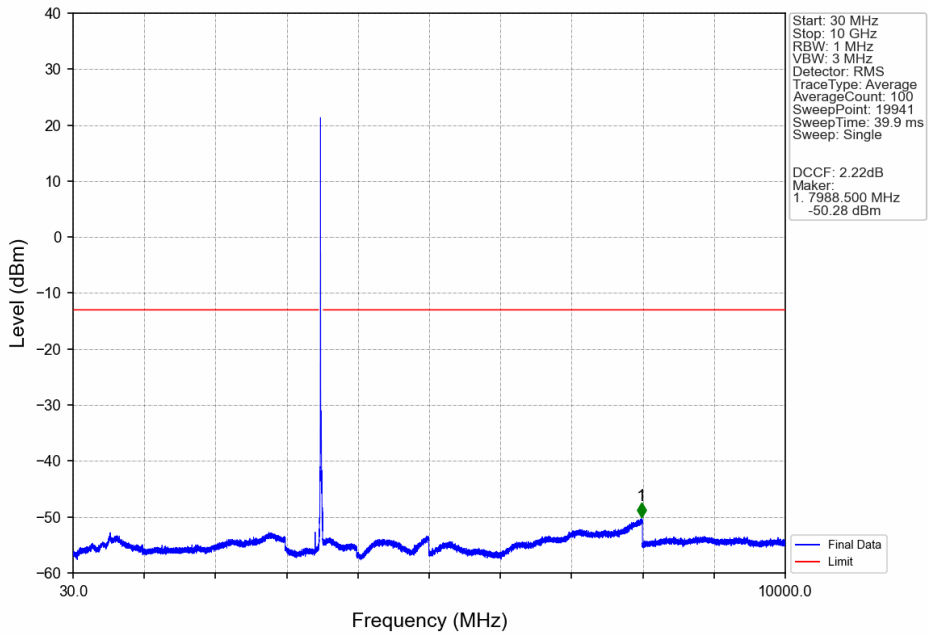


Band42a_15MHz_QPSK_LCH_3457.5MHz_RB_75_0_NTNV

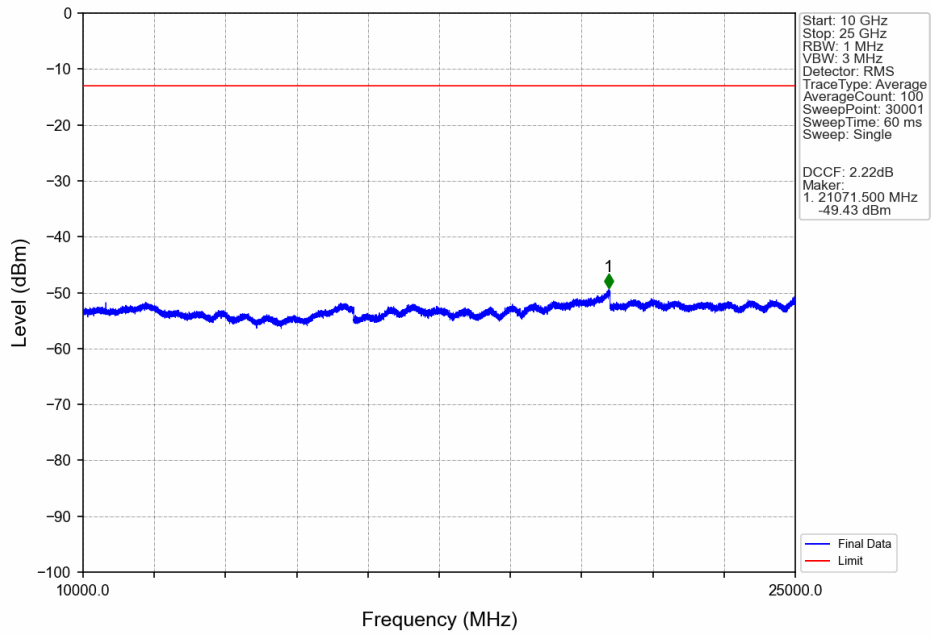


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3427.5	3445	1	CHP	1	3444.150	-39.68	-13	Pass
3445	3449	0.5	CHP	2	3448.200	-38.63	-13	Pass
3449	3450	0.146	CHP	3	3449.950	-37.30	-13	Pass
3450	3465	0.146	CHP	/	/	/	/	/
3465	3466	0.146	CHP	4	3465.050	-41.96	-13	Pass
3466	3470	0.5	CHP	5	3467.300	-41.54	-13	Pass
3470	3487.5	1	CHP	6	3470.500	-39.97	-13	Pass

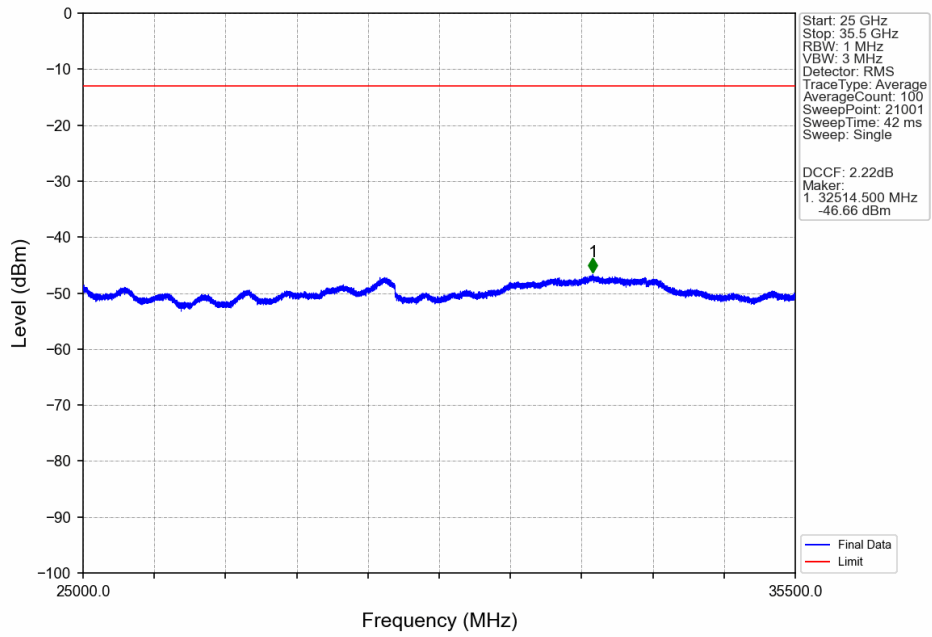
Band42a_15MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



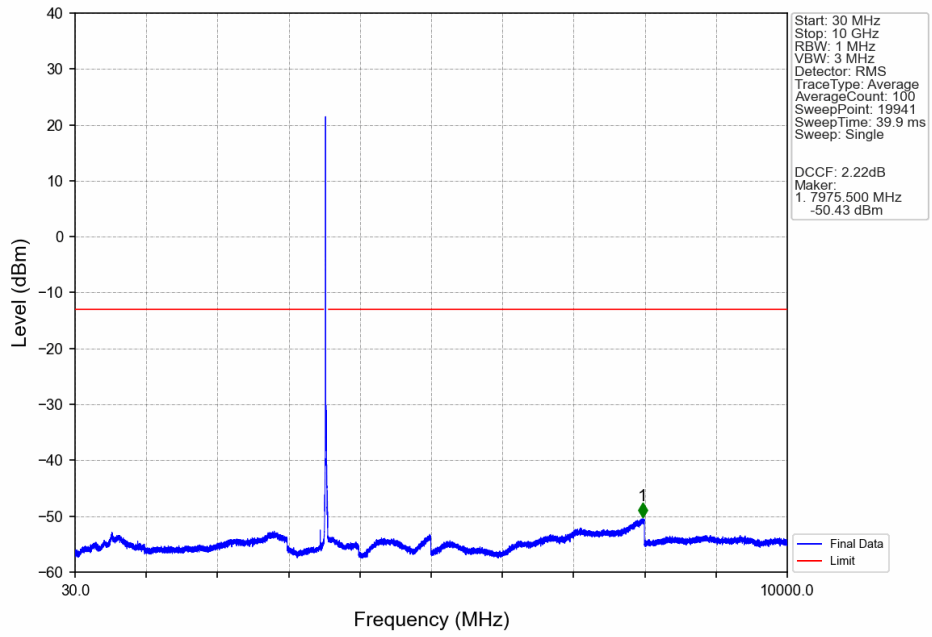
Band42a_15MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



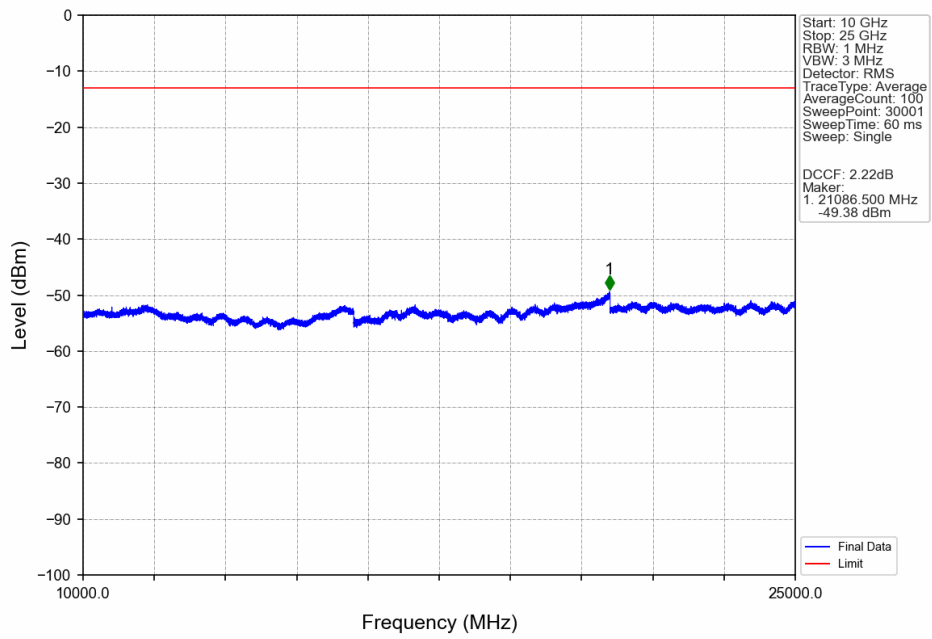
Band42a_15MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



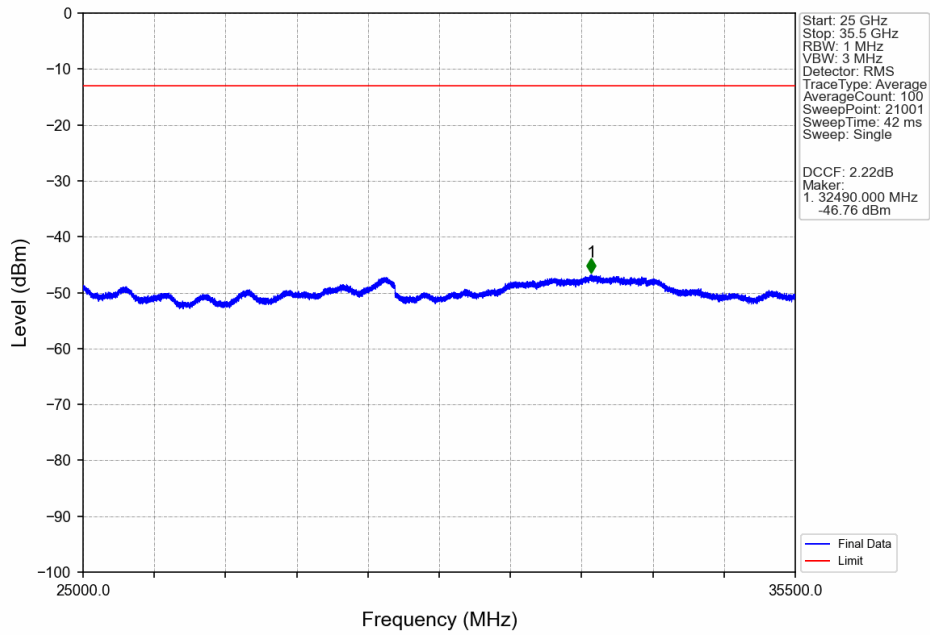
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV



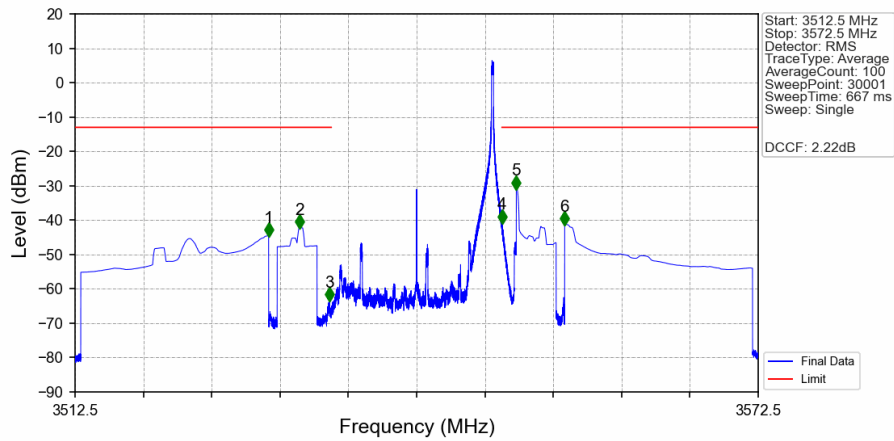
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV



Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_0_NTNV

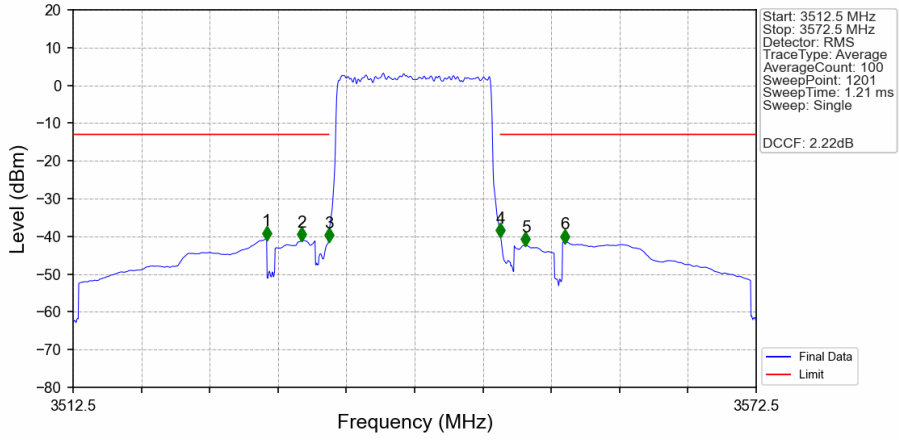


Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3512.5	3530	1	CHP	1	3529.498	-44.53	-13	Pass
3530	3534	0.5	CHP	2	3532.208	-42.21	-13	Pass
3534	3535	0.003	/	3	3534.842	-63.36	-13	Pass
3535	3550	0.003	/	/	/	/	/	/
3550	3551	0.003	/	4	3550.016	-40.67	-13	Pass
3551	3555	0.5	CHP	5	3551.250	-30.78	-13	Pass
3555	3572.5	1	CHP	6	3555.500	-41.22	-13	Pass

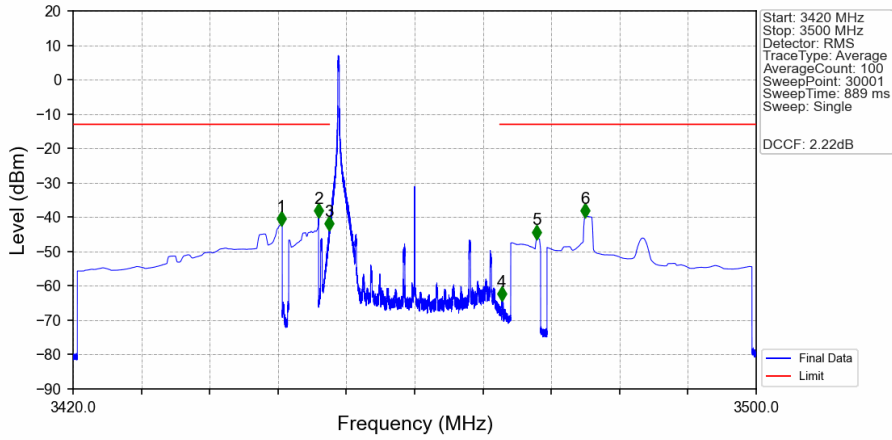
Band42a_15MHz_QPSK_HCH_3542.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3512.5	3530	1	CHP	1	3529.500	-40.72	-13	Pass
3530	3534	0.5	CHP	2	3532.600	-41.04	-13	Pass
3534	3535	0.146	CHP	3	3534.950	-41.16	-13	Pass
3535	3550	0.146	CHP	/	/	/	/	/
3550	3551	0.146	CHP	4	3550.050	-39.96	-13	Pass
3551	3555	0.5	CHP	5	3552.250	-42.30	-13	Pass
3555	3572.5	1	CHP	6	3555.700	-41.52	-13	Pass

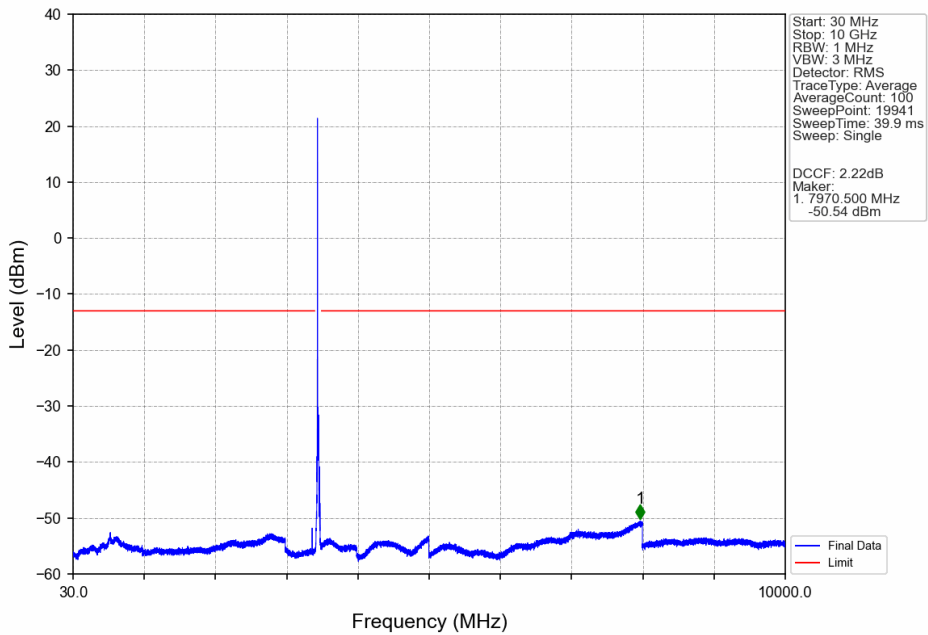
5.2.4 B42a_20MHz

Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV

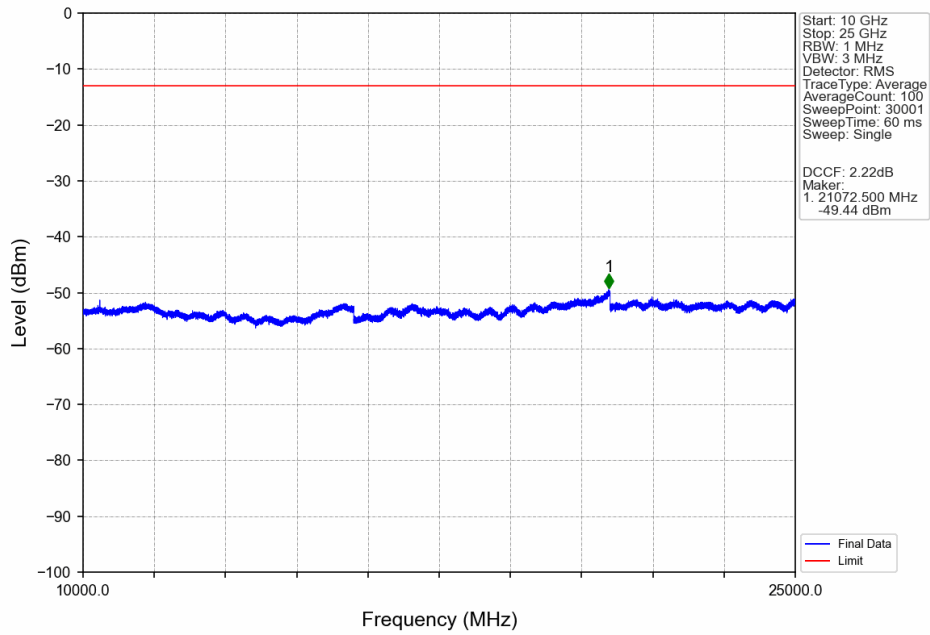


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3420	3445	1	CHP	1	3444.381	-42.23	-13	Pass
3445	3449	0.5	CHP	2	3448.749	-39.77	-13	Pass
3449	3450	0.003	/	3	3449.968	-43.55	-13	Pass
3450	3470	0.003	/	/	/	/	/	/
3470	3471	0.003	/	4	3470.219	-64.05	-13	Pass
3471	3475	0.5	CHP	5	3474.299	-46.08	-13	Pass
3475	3500	1	CHP	6	3479.968	-39.77	-13	Pass

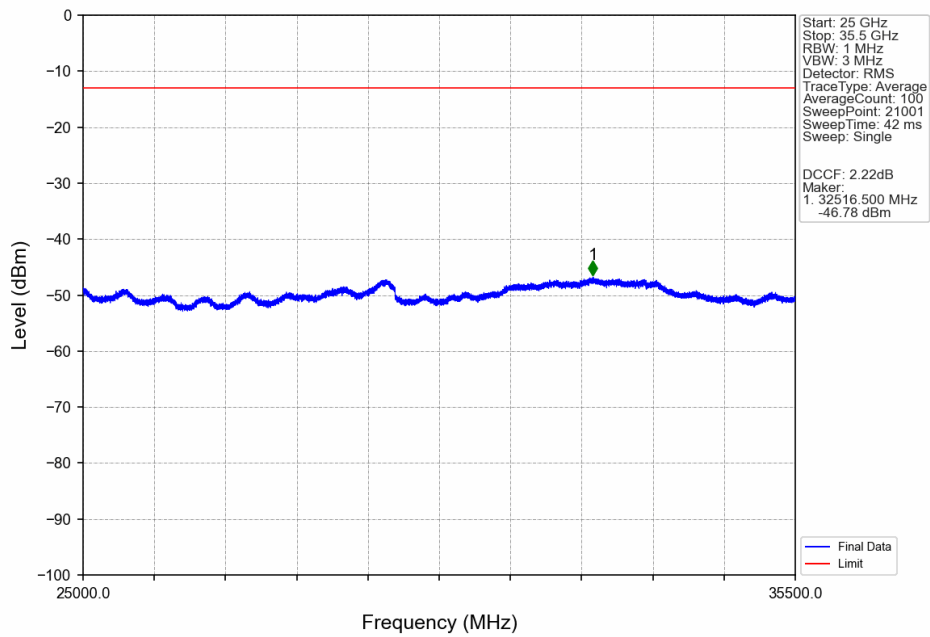
Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV



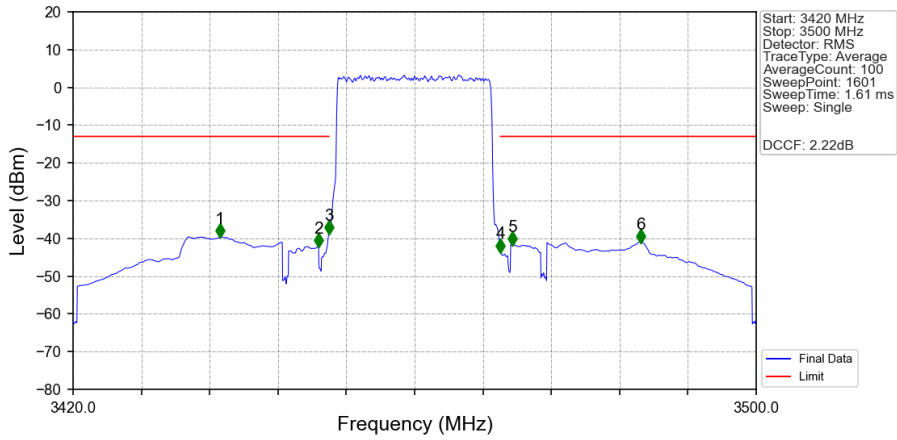
Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV



Band42a_20MHz_QPSK_LCH_3460MHz_RB_1_0_NTNV

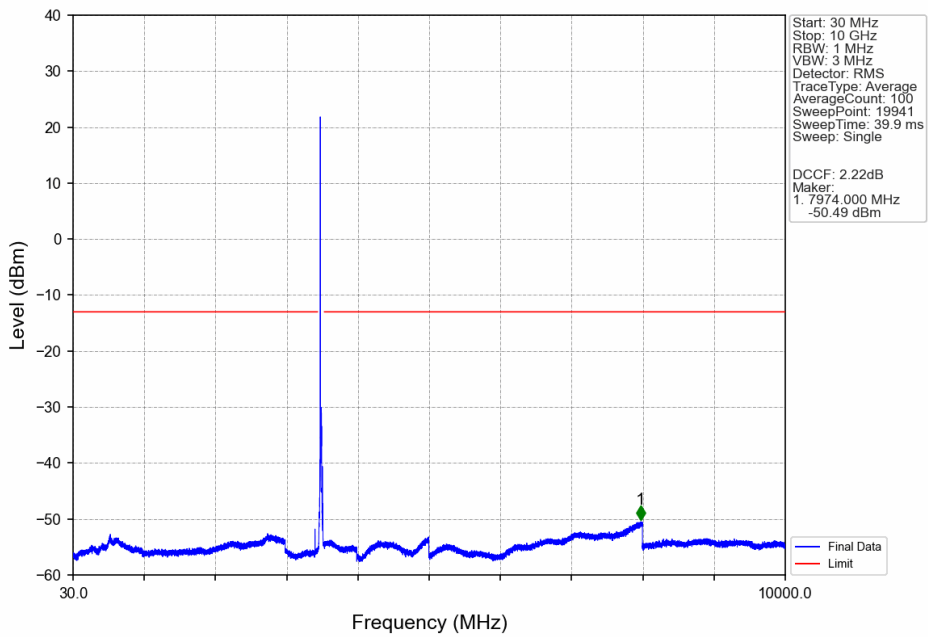


Band42a_20MHz_QPSK_LCH_3460MHz_RB_100_0_NTNV

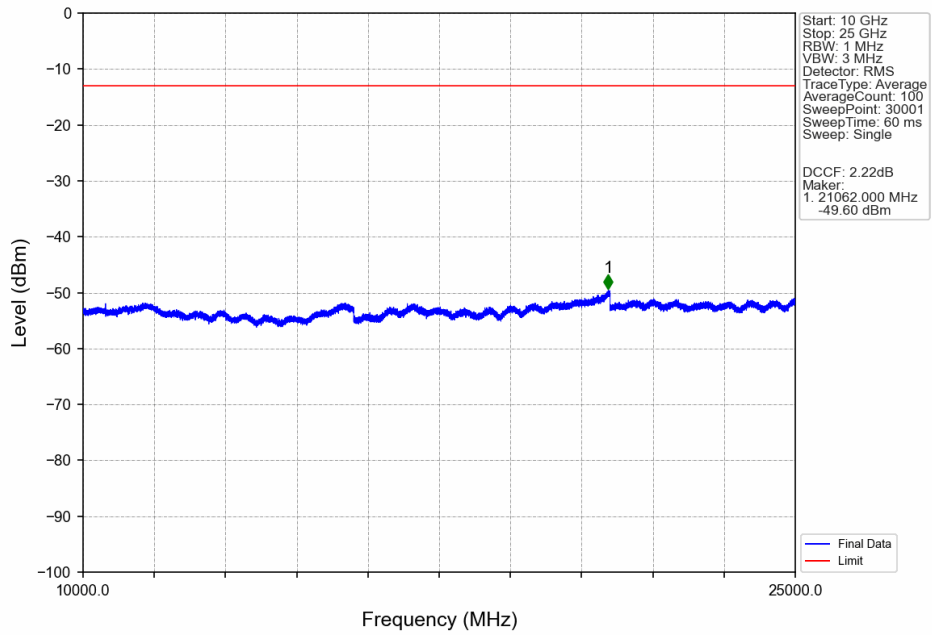


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3420	3445	1	CHP	1	3437.200	-39.56	-13	Pass
3445	3449	0.5	CHP	2	3448.750	-42.04	-13	Pass
3449	3450	0.193	CHP	3	3449.950	-38.65	-13	Pass
3450	3470	0.193	CHP	/	/	/	/	/
3470	3471	0.193	CHP	4	3470.050	-43.45	-13	Pass
3471	3475	0.5	CHP	5	3471.450	-41.65	-13	Pass
3475	3500	1	CHP	6	3486.450	-40.95	-13	Pass

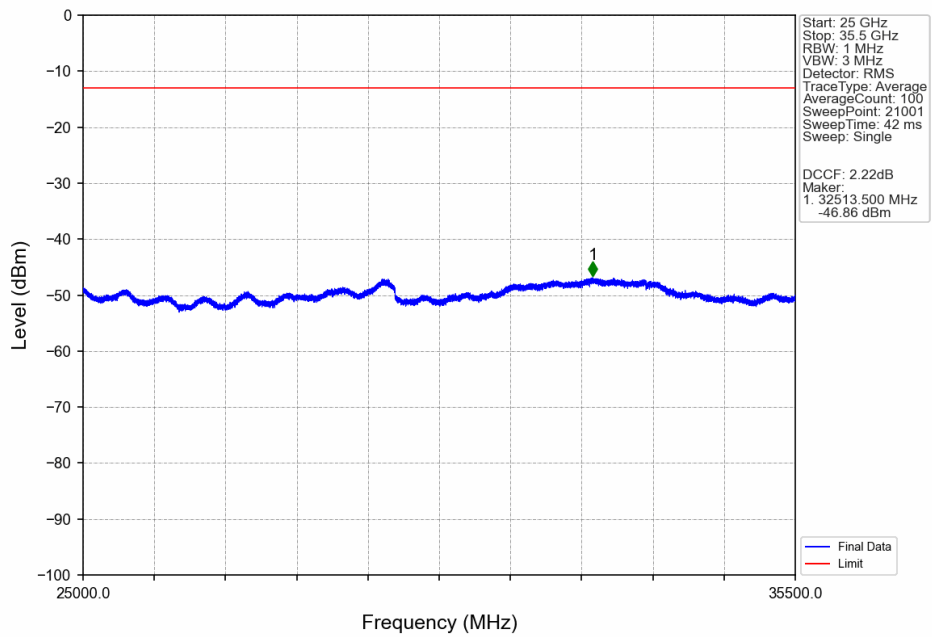
Band42a_20MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



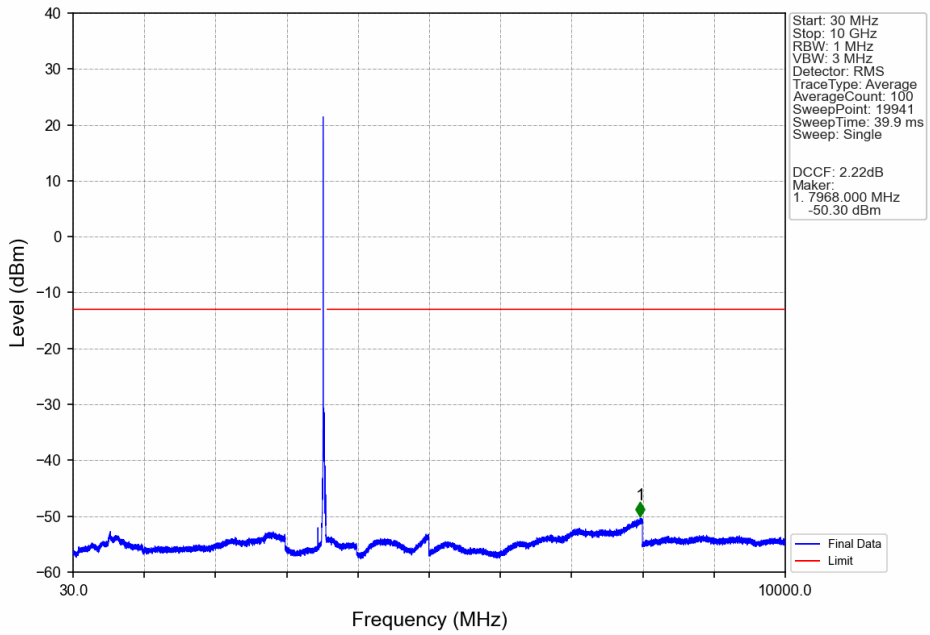
Band42a_20MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



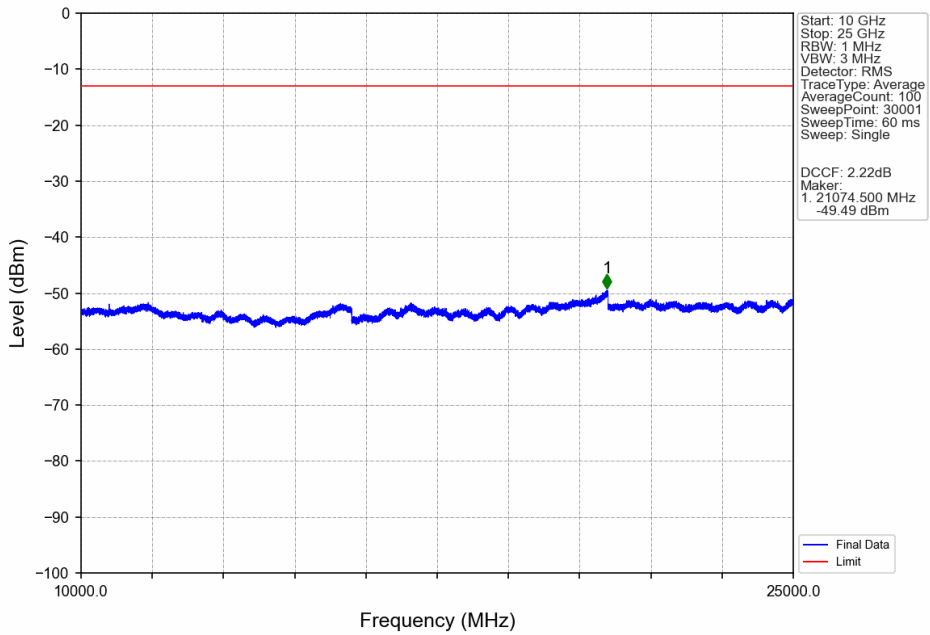
Band42a_20MHz_QPSK_MCH_3500MHz_RB_1_0_NTNV



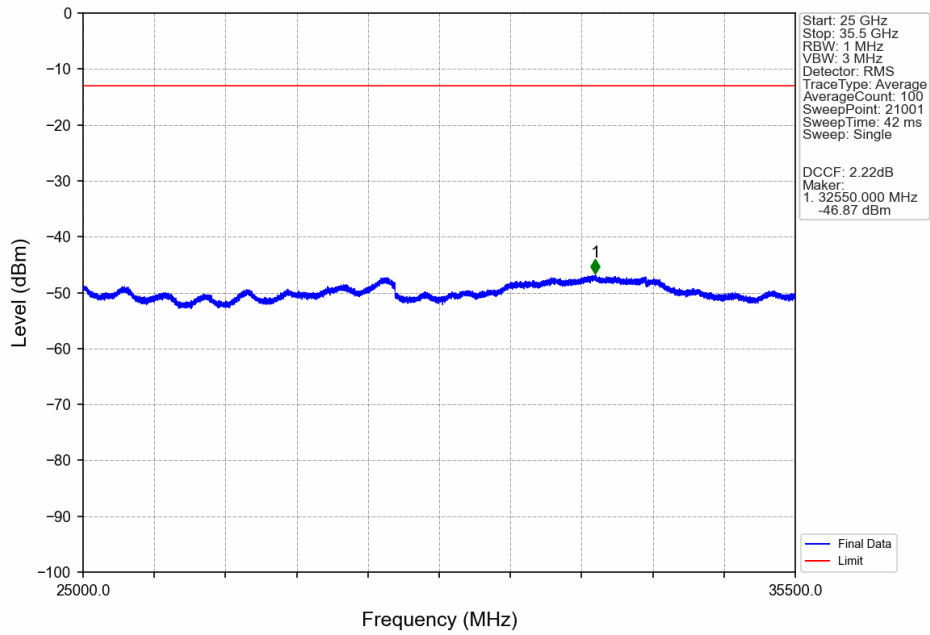
Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_0_NTNV



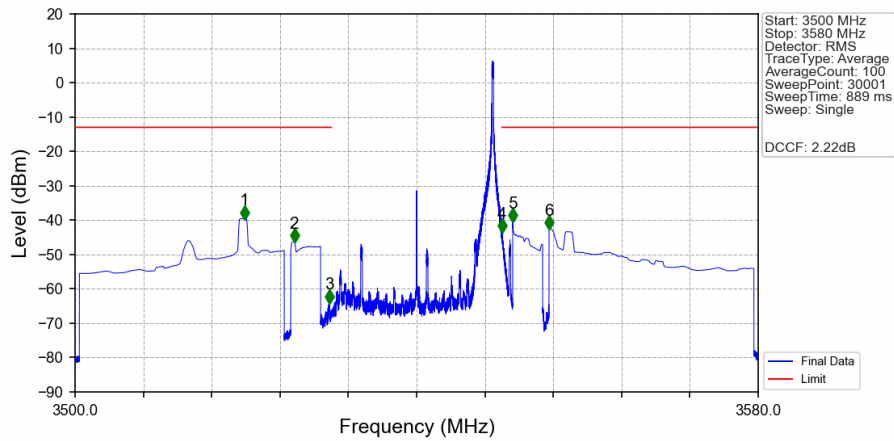
Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_0_NTNV



Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_0_NTNV

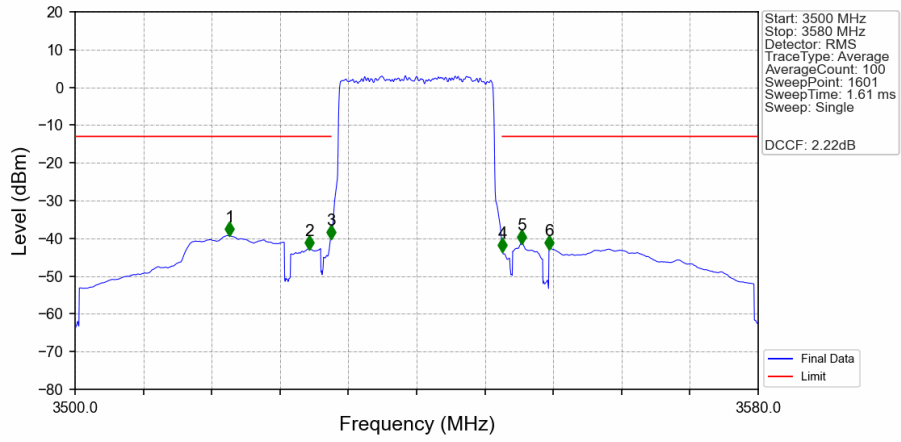


Band42a_20MHz_QPSK_HCH_3540MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3500	3525	1	CHP	1	3519.853	-39.51	-13	Pass
3525	3529	0.5	CHP	2	3525.688	-46.13	-13	Pass
3529	3530	0.003	/	3	3529.763	-63.94	-13	Pass
3530	3550	0.003	/	/	/	/	/	/
3550	3551	0.003	/	4	3550.005	-43.41	-13	Pass
3551	3555	0.5	CHP	5	3551.251	-40.36	-13	Pass
3555	3580	1	CHP	6	3555.541	-42.41	-13	Pass

Band42a_20MHz_QPSK_HCH_3540MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3500	3525	1	CHP	1	3518.100	-39.15	-13	Pass
3525	3529	0.5	CHP	2	3527.450	-42.65	-13	Pass
3529	3530	0.193	CHP	3	3529.950	-39.95	-13	Pass
3530	3550	0.193	CHP	/	/	/	/	/
3550	3551	0.193	CHP	4	3550.050	-43.38	-13	Pass
3551	3555	0.5	CHP	5	3552.250	-41.30	-13	Pass
3555	3580	1	CHP	6	3555.500	-42.66	-13	Pass

6. Field Strength of Spurious Radiation

For Sample 1

Test Band = LTE Band42_ TM1

Test Channel = Low 3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7796.05	39.99	-42.59	36.81	-61.05	-13.00	48.05	Horizontal
2	8673.5	38.86	-41.22	36.70	-60.92	-13.00	47.92	Horizontal
3	9415.25	37.16	-39.93	37.33	-60.70	-13.00	47.70	Horizontal
4	10353.075	43.60	-38.84	38.54	-51.96	-13.00	38.96	Horizontal
5	11554.25	34.86	-36.76	38.88	-58.29	-13.00	45.29	Horizontal
6	13416.1	33.05	-36.16	39.98	-58.39	-13.00	45.39	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7742.575	39.22	-42.79	36.74	-62.09	-13.00	49.09	Vertical
2	8921.9	37.53	-40.90	36.55	-62.08	-13.00	49.08	Vertical
3	9569.35	36.52	-39.43	37.64	-60.53	-13.00	47.53	Vertical
4	10353.075	38.47	-38.84	38.54	-57.09	-13.00	44.09	Vertical
5	11420.85	34.29	-37.30	38.81	-59.46	-13.00	46.46	Vertical
6	13007.85	33.10	-37.25	39.41	-59.99	-13.00	46.99	Vertical

Test Band = LTE Band42_ TM1
Test Channel = Mid 3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7746.025	39.89	-42.78	36.74	-61.41	-13.00	48.41	Horizontal
2	9045.525	37.85	-40.66	36.59	-61.48	-13.00	48.48	Horizontal
3	9675.725	36.91	-39.41	37.85	-59.91	-13.00	46.91	Horizontal
4	10473.25	43.89	-38.75	38.55	-51.57	-13.00	38.57	Horizontal
5	11424.875	34.83	-37.26	38.81	-58.88	-13.00	45.88	Horizontal
6	12634.1	34.57	-37.07	39.29	-58.47	-13.00	45.47	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7318.225	41.34	-43.23	35.89	-61.26	-13.00	48.26	Vertical
2	8969.05	38.49	-40.88	36.52	-61.13	-13.00	48.13	Vertical
3	10373.775	36.09	-38.79	38.54	-59.42	-13.00	46.42	Vertical
4	12263.8	34.67	-36.81	39.18	-58.22	-13.00	45.22	Vertical
5	13915.2	32.73	-35.45	40.68	-57.30	-13.00	44.30	Vertical
6	15783.95	32.47	-33.09	39.95	-55.93	-13.00	42.93	Vertical

Test Band = LTE Band42_ TM1
Test Channel = High 3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7590.775	40.51	-42.78	36.53	-61.00	-13.00	48.00	Horizontal
2	8868.425	38.21	-40.98	36.58	-61.45	-13.00	48.45	Horizontal
3	9644.675	36.38	-39.33	37.79	-60.42	-13.00	47.42	Horizontal
4	10593.425	40.74	-38.06	38.56	-54.02	-13.00	41.02	Horizontal
5	12287.95	34.70	-36.70	39.19	-58.07	-13.00	45.07	Horizontal
6	13998	32.11	-34.80	40.80	-57.15	-13.00	44.15	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7410.225	40.55	-42.83	36.15	-61.39	-13.00	48.39	Vertical
2	8993.2	37.76	-40.87	36.50	-61.87	-13.00	48.87	Vertical
3	10127.1	36.65	-38.86	38.51	-58.95	-13.00	45.95	Vertical
4	10909.1	34.66	-37.79	38.59	-59.80	-13.00	46.80	Vertical
5	11951	34.26	-37.26	39.08	-59.19	-13.00	46.19	Vertical
6	14261.35	33.09	-35.65	41.01	-56.81	-13.00	43.81	Vertical

Test on the worst case :

For Sample 2

Test Band = LTE Band42_ TM1

Test Channel = Low 3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7571.8	39.22	-42.86	36.50	-62.40	-13.00	49.40	Horizontal
2	8392.9	38.42	-41.41	36.86	-61.38	-13.00	48.38	Horizontal
3	9094.4	36.13	-40.44	36.69	-62.88	-13.00	49.88	Horizontal
4	10320.875	35.55	-38.92	38.53	-60.10	-13.00	47.10	Horizontal
5	11600.825	33.24	-36.97	38.90	-60.09	-13.00	47.09	Horizontal
6	13173.45	33.42	-36.58	39.64	-58.78	-13.00	45.78	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7866.775	40.53	-42.69	36.91	-60.50	-13.00	47.50	Vertical
2	8933.4	38.12	-40.90	36.54	-61.50	-13.00	48.50	Vertical
3	10343.3	35.83	-38.86	38.53	-59.76	-13.00	46.76	Vertical
4	11569.775	33.50	-36.84	38.88	-59.71	-13.00	46.71	Vertical
5	13593.775	33.90	-36.08	40.23	-57.21	-13.00	44.21	Vertical
6	15141.1	32.96	-34.18	41.30	-55.18	-13.00	42.18	Vertical

Test Band = LTE Band42_ TM1
Test Channel = Mid 3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7888.05	40.24	-42.72	36.94	-60.80	-13.00	47.80	Horizontal
2	9463.55	37.48	-39.95	37.43	-60.30	-13.00	47.30	Horizontal
3	10712.45	34.22	-37.61	38.57	-60.08	-13.00	47.08	Horizontal
4	12220.675	34.13	-37.01	39.17	-58.98	-13.00	45.98	Horizontal
5	13646.1	33.73	-36.02	40.30	-57.24	-13.00	44.24	Horizontal
6	15787.4	31.97	-33.09	39.95	-56.43	-13.00	43.43	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7617.225	40.12	-42.78	36.56	-61.35	-13.00	48.35	Vertical
2	8967.325	37.86	-40.88	36.52	-61.76	-13.00	48.76	Vertical
3	9851.1	35.25	-39.13	38.20	-60.94	-13.00	47.94	Vertical
4	11242.025	34.42	-36.86	38.72	-58.98	-13.00	45.98	Vertical
5	12237.35	34.03	-36.93	39.17	-58.99	-13.00	45.99	Vertical
6	14208.45	32.82	-35.36	40.97	-56.83	-13.00	43.83	Vertical

Test Band = LTE Band42_ TM1
Test Channel = High 3450-3550

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7424.025	40.29	-42.88	36.19	-61.66	-13.00	48.66	Horizontal
2	8588.975	38.73	-40.99	36.75	-60.77	-13.00	47.77	Horizontal
3	9624.55	36.78	-39.27	37.75	-60.00	-13.00	47.00	Horizontal
4	10722.225	34.02	-37.71	38.57	-60.38	-13.00	47.38	Horizontal
5	12226.425	34.24	-36.99	39.17	-58.84	-13.00	45.84	Horizontal
6	13941.65	32.84	-35.24	40.72	-56.94	-13.00	43.94	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7608.025	39.78	-42.76	36.55	-61.69	-13.00	48.69	Vertical
2	8678.1	38.11	-41.24	36.69	-61.70	-13.00	48.70	Vertical
3	9618.225	37.30	-39.25	37.74	-59.47	-13.00	46.47	Vertical
4	10732	34.17	-37.80	38.57	-60.32	-13.00	47.32	Vertical
5	12066.575	34.42	-37.19	39.12	-58.91	-13.00	45.91	Vertical
6	13754.2	33.87	-36.13	40.46	-57.07	-13.00	44.07	Vertical