

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B43c_5MHz_EIRP/10MHz

Band: 43c / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3602.5	1	0	20.81	1.00	21.81	<=23	Pass
			13	20.98	1.00	21.98	<=23	Pass
			24	20.89	1.00	21.89	<=23	Pass
		12	0	19.99	1.00	20.99	<=23	Pass
			6	19.83	1.00	20.83	<=23	Pass
			13	19.77	1.00	20.77	<=23	Pass
		25	0	19.85	1.00	20.85	<=23	Pass
	3650	1	0	20.95	1.00	21.95	<=23	Pass
			13	21.05	1.00	22.05	<=23	Pass
			24	20.99	1.00	21.99	<=23	Pass
		12	0	19.83	1.00	20.83	<=23	Pass
			6	20.13	1.00	21.13	<=23	Pass
			13	20.06	1.00	21.06	<=23	Pass
		25	0	20.10	1.00	21.10	<=23	Pass
	3697.5	1	0	21.05	1.00	22.05	<=23	Pass
			13	21.17	1.00	22.17	<=23	Pass
			24	21.03	1.00	22.03	<=23	Pass
		12	0	20.20	1.00	21.20	<=23	Pass
			6	20.21	1.00	21.21	<=23	Pass
			13	20.21	1.00	21.21	<=23	Pass
		25	0	20.18	1.00	21.18	<=23	Pass
16QAM	3602.5	1	0	19.77	1.00	20.77	<=23	Pass
			13	19.95	1.00	20.95	<=23	Pass
			24	19.91	1.00	20.91	<=23	Pass
		12	0	19.00	1.00	20.00	<=23	Pass
			6	18.93	1.00	19.93	<=23	Pass
			13	18.98	1.00	19.98	<=23	Pass
		25	0	19.00	1.00	20.00	<=23	Pass
	3650	1	0	20.05	1.00	21.05	<=23	Pass
			13	20.00	1.00	21.00	<=23	Pass
			24	19.89	1.00	20.89	<=23	Pass
		12	0	19.07	1.00	20.07	<=23	Pass
			6	19.07	1.00	20.07	<=23	Pass
			13	19.10	1.00	20.10	<=23	Pass
		25	0	19.12	1.00	20.12	<=23	Pass
	3697.5	1	0	20.08	1.00	21.08	<=23	Pass
			13	20.22	1.00	21.22	<=23	Pass
			24	20.09	1.00	21.09	<=23	Pass
		12	0	19.11	1.00	20.11	<=23	Pass
			6	19.14	1.00	20.14	<=23	Pass
			13	19.12	1.00	20.12	<=23	Pass
		25	0	19.20	1.00	20.20	<=23	Pass
64QAM	3602.5	1	0	19.76	1.00	20.76	<=23	Pass
			13	19.84	1.00	20.84	<=23	Pass
			24	19.44	1.00	20.44	<=23	Pass
		12	0	18.96	1.00	19.96	<=23	Pass
			6	19.03	1.00	20.03	<=23	Pass

			13	19.03	1.00	20.03	<=23	Pass
		25	0	18.98	1.00	19.98	<=23	Pass
	3650	1	0	19.92	1.00	20.92	<=23	Pass
			13	20.03	1.00	21.03	<=23	Pass
			24	19.82	1.00	20.82	<=23	Pass
		12	0	19.14	1.00	20.14	<=23	Pass
			6	19.17	1.00	20.17	<=23	Pass
			13	19.12	1.00	20.12	<=23	Pass
		25	0	19.12	1.00	20.12	<=23	Pass
	3697.5	1	0	19.96	1.00	20.96	<=23	Pass
			13	19.76	1.00	20.76	<=23	Pass
			24	19.97	1.00	20.97	<=23	Pass
		12	0	19.15	1.00	20.15	<=23	Pass
			6	19.20	1.00	20.20	<=23	Pass
			13	19.25	1.00	20.25	<=23	Pass
		25	0	19.18	1.00	20.18	<=23	Pass
	Note1: EIRP/10MHz=Conducted Power+Antenna Gain							

1.1.2 B43c_10MHz_EIRP/10MHz

Band: 43c / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3605	1	0	20.73	1.00	21.73	<=23	Pass
			25	20.85	1.00	21.85	<=23	Pass
			49	20.90	1.00	21.90	<=23	Pass
		25	0	19.80	1.00	20.80	<=23	Pass
			13	19.97	1.00	20.97	<=23	Pass
			25	19.99	1.00	20.99	<=23	Pass
		50	0	19.73	1.00	20.73	<=23	Pass
	3650	1	0	20.96	1.00	21.96	<=23	Pass
			25	21.07	1.00	22.07	<=23	Pass
			49	21.06	1.00	22.06	<=23	Pass
		25	0	20.15	1.00	21.15	<=23	Pass
			13	20.18	1.00	21.18	<=23	Pass
			25	20.18	1.00	21.18	<=23	Pass
		50	0	20.13	1.00	21.13	<=23	Pass
	3695	1	0	21.00	1.00	22.00	<=23	Pass
			25	21.08	1.00	22.08	<=23	Pass
			49	21.13	1.00	22.13	<=23	Pass
		25	0	20.16	1.00	21.16	<=23	Pass
			13	20.28	1.00	21.28	<=23	Pass
			25	20.25	1.00	21.25	<=23	Pass
		50	0	20.19	1.00	21.19	<=23	Pass
16QAM	3605	1	0	19.65	1.00	20.65	<=23	Pass
			25	19.73	1.00	20.73	<=23	Pass
			49	19.82	1.00	20.82	<=23	Pass
		25	0	18.90	1.00	19.90	<=23	Pass
			13	18.93	1.00	19.93	<=23	Pass
			25	18.95	1.00	19.95	<=23	Pass
		50	0	18.99	1.00	19.99	<=23	Pass
	3650	1	0	19.92	1.00	20.92	<=23	Pass
			25	20.01	1.00	21.01	<=23	Pass
			49	20.20	1.00	21.20	<=23	Pass
		25	0	19.13	1.00	20.13	<=23	Pass
			13	19.16	1.00	20.16	<=23	Pass
			25	19.17	1.00	20.17	<=23	Pass

		50	0	19.19	1.00	20.19	<=23	Pass		
		3695	1	0	19.79	1.00	20.79	<=23	Pass	
				25	20.06	1.00	21.06	<=23	Pass	
				49	20.15	1.00	21.15	<=23	Pass	
				0	19.11	1.00	20.11	<=23	Pass	
		25	13	19.22	1.00	20.22	<=23	Pass		
			25	19.20	1.00	20.20	<=23	Pass		
			0	19.17	1.00	20.17	<=23	Pass		
		64QAM	3605	1	0	19.55	1.00	20.55	<=23	Pass
25	19.72				1.00	20.72	<=23	Pass		
49	19.65				1.00	20.65	<=23	Pass		
0	18.87				1.00	19.87	<=23	Pass		
25	13			19.01	1.00	20.01	<=23	Pass		
	25			18.96	1.00	19.96	<=23	Pass		
	0			18.95	1.00	19.95	<=23	Pass		
3650	1			0	19.86	1.00	20.86	<=23	Pass	
				25	19.78	1.00	20.78	<=23	Pass	
			49	19.95	1.00	20.95	<=23	Pass		
			0	19.09	1.00	20.09	<=23	Pass		
	25		13	19.20	1.00	20.20	<=23	Pass		
			25	19.23	1.00	20.23	<=23	Pass		
			0	19.17	1.00	20.17	<=23	Pass		
	3695		1	0	19.97	1.00	20.97	<=23	Pass	
				25	20.12	1.00	21.12	<=23	Pass	
49				19.72	1.00	20.72	<=23	Pass		
0				19.14	1.00	20.14	<=23	Pass		
25			13	19.24	1.00	20.24	<=23	Pass		
			25	19.25	1.00	20.25	<=23	Pass		
			0	19.13	1.00	20.13	<=23	Pass		
Note1: EIRP/10MHz=Conducted Power+Antenna Gain										

1.1.3 B43c_15MHz_EIRP/10MHz

Band: 43c / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3607.5	1	0	20.78	1.00	21.78	<=23	Pass
			38	20.84	1.00	21.84	<=23	Pass
			74	20.89	1.00	21.89	<=23	Pass
		36	0	19.98	1.00	20.98	<=23	Pass
			18	20.05	1.00	21.05	<=23	Pass
			39	20.07	1.00	21.07	<=23	Pass
		75	0	19.81	1.00	20.81	<=23	Pass
	3650	1	0	20.98	1.00	21.98	<=23	Pass
			38	21.11	1.00	22.11	<=23	Pass
			74	21.04	1.00	22.04	<=23	Pass
		36	0	20.13	1.00	21.13	<=23	Pass
			18	20.19	1.00	21.19	<=23	Pass
			39	20.20	1.00	21.20	<=23	Pass
		75	0	19.51	1.00	20.51	<=23	Pass
	3692.5	1	0	21.08	1.00	22.08	<=23	Pass
			38	21.14	1.00	22.14	<=23	Pass
			74	21.10	1.00	22.10	<=23	Pass
		36	0	20.20	1.00	21.20	<=23	Pass
			18	20.24	1.00	21.24	<=23	Pass
			39	20.27	1.00	21.27	<=23	Pass
		75	0	19.65	1.00	20.65	<=23	Pass

16QAM	3607.5	1	0	19.71	1.00	20.71	<=23	Pass
			38	20.01	1.00	21.01	<=23	Pass
			74	19.95	1.00	20.95	<=23	Pass
		36	0	18.96	1.00	19.96	<=23	Pass
			18	18.99	1.00	19.99	<=23	Pass
			39	19.02	1.00	20.02	<=23	Pass
		75	0	18.84	1.00	19.84	<=23	Pass
	3650	1	0	19.86	1.00	20.86	<=23	Pass
			38	20.15	1.00	21.15	<=23	Pass
			74	20.19	1.00	21.19	<=23	Pass
		36	0	19.13	1.00	20.13	<=23	Pass
			18	19.22	1.00	20.22	<=23	Pass
			39	19.23	1.00	20.23	<=23	Pass
		75	0	18.50	1.00	19.50	<=23	Pass
	3692.5	1	0	20.08	1.00	21.08	<=23	Pass
			38	20.10	1.00	21.10	<=23	Pass
			74	20.03	1.00	21.03	<=23	Pass
		36	0	19.21	1.00	20.21	<=23	Pass
			18	19.22	1.00	20.22	<=23	Pass
			39	19.20	1.00	20.20	<=23	Pass
		75	0	18.61	1.00	19.61	<=23	Pass
64QAM	3607.5	1	0	19.62	1.00	20.62	<=23	Pass
			38	19.80	1.00	20.80	<=23	Pass
			74	19.84	1.00	20.84	<=23	Pass
		36	0	19.03	1.00	20.03	<=23	Pass
			18	19.07	1.00	20.07	<=23	Pass
			39	19.06	1.00	20.06	<=23	Pass
		75	0	18.84	1.00	19.84	<=23	Pass
	3650	1	0	19.86	1.00	20.86	<=23	Pass
			38	20.00	1.00	21.00	<=23	Pass
			74	20.05	1.00	21.05	<=23	Pass
		36	0	19.15	1.00	20.15	<=23	Pass
			18	19.25	1.00	20.25	<=23	Pass
			39	19.26	1.00	20.26	<=23	Pass
		75	0	18.47	1.00	19.47	<=23	Pass
	3692.5	1	0	19.88	1.00	20.88	<=23	Pass
			38	20.13	1.00	21.13	<=23	Pass
			74	20.09	1.00	21.09	<=23	Pass
		36	0	19.21	1.00	20.21	<=23	Pass
			18	19.27	1.00	20.27	<=23	Pass
			39	19.19	1.00	20.19	<=23	Pass
		75	0	18.56	1.00	19.56	<=23	Pass
Note1: EIRP/10MHz=Conducted Power+Antenna Gain								

1.1.4 B43c_20MHz_EIRP/10MHz

Band: 43c / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict
		Size	Offset			Result	Limit	
QPSK	3610	1	0	20.65	1.00	21.65	<=23	Pass
			50	20.66	1.00	21.66	<=23	Pass
			99	20.90	1.00	21.90	<=23	Pass
		50	0	19.92	1.00	20.92	<=23	Pass
			25	20.04	1.00	21.04	<=23	Pass
			50	20.08	1.00	21.08	<=23	Pass
		100	0	18.32	1.00	19.32	<=23	Pass
	3650	1	0	20.82	1.00	21.82	<=23	Pass

		50	50	20.88	1.00	21.88	<=23	Pass	
			99	21.00	1.00	22.00	<=23	Pass	
			0	20.10	1.00	21.10	<=23	Pass	
			25	20.16	1.00	21.16	<=23	Pass	
			50	20.16	1.00	21.16	<=23	Pass	
		100	0	18.13	1.00	19.13	<=23	Pass	
	3690	1	0	21.07	1.00	22.07	<=23	Pass	
			50	21.12	1.00	22.12	<=23	Pass	
			99	21.17	1.00	22.17	<=23	Pass	
		50	0	20.22	1.00	21.22	<=23	Pass	
			25	20.26	1.00	21.26	<=23	Pass	
			50	20.24	1.00	21.24	<=23	Pass	
	100	0	18.31	1.00	19.31	<=23	Pass		
	16QAM	3610	1	0	19.72	1.00	20.72	<=23	Pass
				50	20.09	1.00	21.09	<=23	Pass
99				19.89	1.00	20.89	<=23	Pass	
50			0	19.00	1.00	20.00	<=23	Pass	
			25	19.06	1.00	20.06	<=23	Pass	
			50	19.13	1.00	20.13	<=23	Pass	
100			0	17.38	1.00	18.38	<=23	Pass	
3650			1	0	20.02	1.00	21.02	<=23	Pass
				50	19.90	1.00	20.90	<=23	Pass
		99		20.14	1.00	21.14	<=23	Pass	
		50	0	19.01	1.00	20.01	<=23	Pass	
			25	19.15	1.00	20.15	<=23	Pass	
			50	19.10	1.00	20.10	<=23	Pass	
		100	0	17.12	1.00	18.12	<=23	Pass	
		3690	1	0	19.94	1.00	20.94	<=23	Pass
				50	20.25	1.00	21.25	<=23	Pass
99				20.28	1.00	21.28	<=23	Pass	
50			0	19.26	1.00	20.26	<=23	Pass	
			25	19.31	1.00	20.31	<=23	Pass	
			50	19.27	1.00	20.27	<=23	Pass	
100		0	17.33	1.00	18.33	<=23	Pass		
64QAM		3610	1	0	19.66	1.00	20.66	<=23	Pass
				50	19.79	1.00	20.79	<=23	Pass
				99	20.02	1.00	21.02	<=23	Pass
	50		0	18.97	1.00	19.97	<=23	Pass	
			25	19.02	1.00	20.02	<=23	Pass	
			50	19.04	1.00	20.04	<=23	Pass	
	100		0	17.36	1.00	18.36	<=23	Pass	
	3650		1	0	19.74	1.00	20.74	<=23	Pass
				50	19.68	1.00	20.68	<=23	Pass
		99		19.81	1.00	20.81	<=23	Pass	
		50	0	19.12	1.00	20.12	<=23	Pass	
			25	19.19	1.00	20.19	<=23	Pass	
			50	19.21	1.00	20.21	<=23	Pass	
		100	0	17.15	1.00	18.15	<=23	Pass	
		3690	1	0	20.03	1.00	21.03	<=23	Pass
				50	20.06	1.00	21.06	<=23	Pass
	99			20.11	1.00	21.11	<=23	Pass	
	50		0	19.23	1.00	20.23	<=23	Pass	
			25	19.25	1.00	20.25	<=23	Pass	
			50	19.25	1.00	20.25	<=23	Pass	
	100	0	17.36	1.00	18.36	<=23	Pass		
Note1: EIRP/10MHz=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 B43c_10MHz

Band: 43c / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3650	50	0	20	LV	-1.000	-0.0003	-2.5 to 2.5	Pass
					HV	0.100	0.0000	-2.5 to 2.5	Pass
					NV	2.600	0.0007	-2.5 to 2.5	Pass
				-30	NV	-2.500	-0.0007	-2.5 to 2.5	Pass
				-20	NV	2.500	0.0007	-2.5 to 2.5	Pass
				-10	NV	-0.400	-0.0001	-2.5 to 2.5	Pass
				0	NV	2.900	0.0008	-2.5 to 2.5	Pass
				10	NV	2.300	0.0006	-2.5 to 2.5	Pass
				30	NV	3.000	0.0008	-2.5 to 2.5	Pass
				40	NV	0.900	0.0002	-2.5 to 2.5	Pass
				50	NV	-0.500	-0.0001	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band43c_OBW

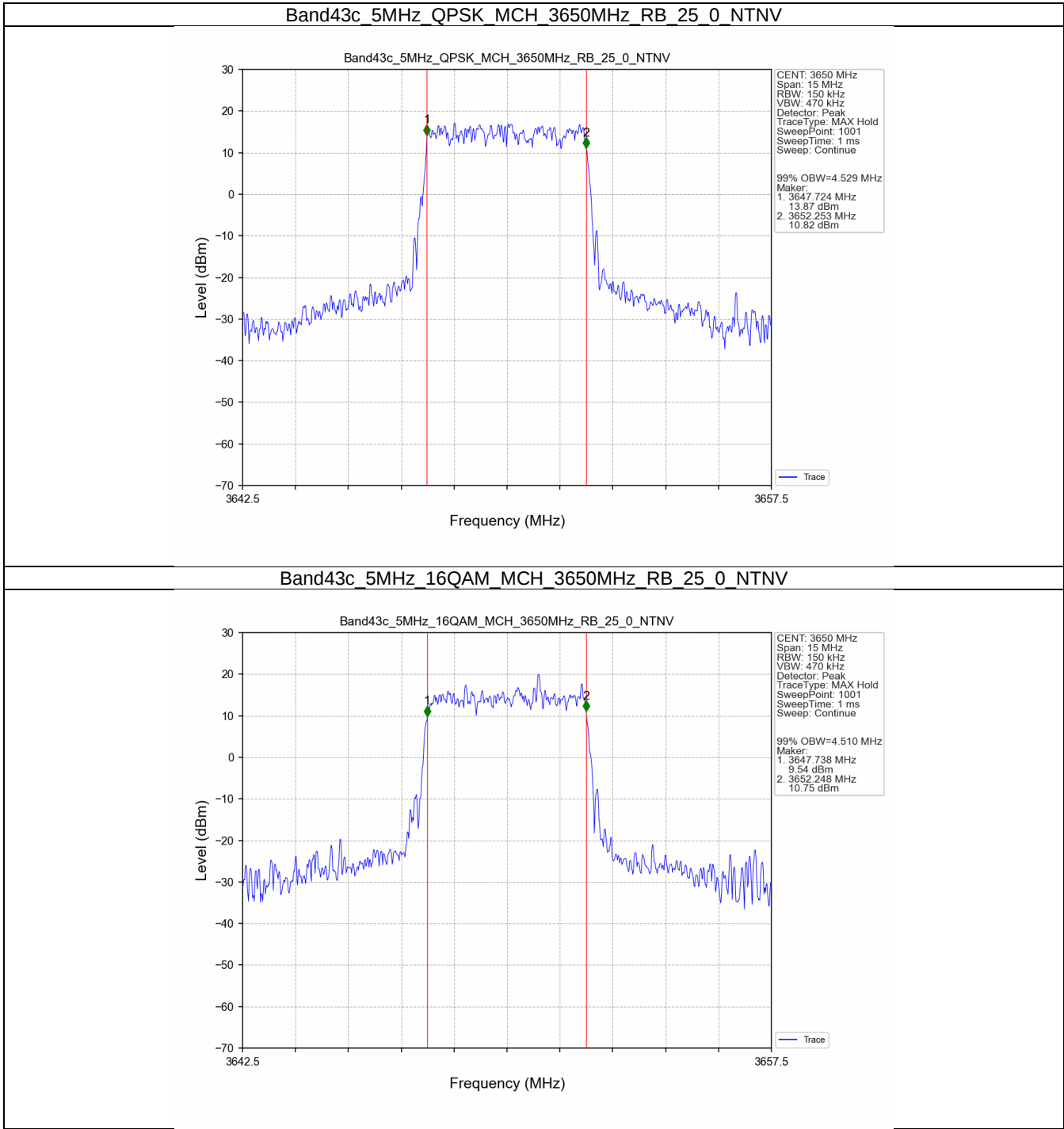
Band: 43c / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3650	25	0	4.529	/	Pass
	16QAM	3650	25	0	4.510	/	Pass
10	QPSK	3650	50	0	9.042	/	Pass
	16QAM	3650	50	0	9.028	/	Pass
15	QPSK	3650	75	0	13.468	/	Pass
	16QAM	3650	75	0	13.610	/	Pass
20	QPSK	3650	100	0	18.043	/	Pass
	16QAM	3650	100	0	18.101	/	Pass

3.1.2 Band43c_XDB

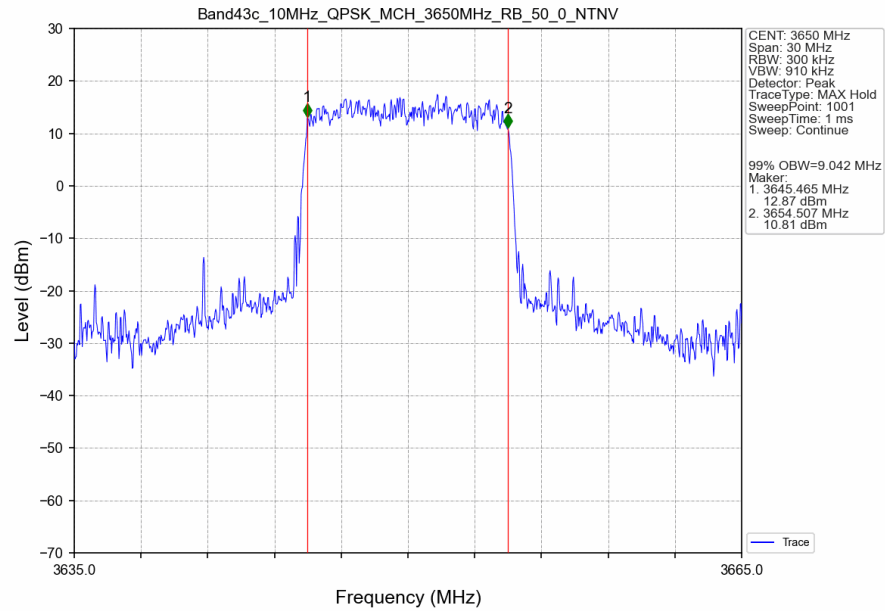
Band: 43c / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3650	25	0	5.081	/	Pass
	16QAM	3650	25	0	4.859	/	Pass
10	QPSK	3650	50	0	9.794	/	Pass
	16QAM	3650	50	0	9.771	/	Pass
15	QPSK	3650	75	0	14.723	/	Pass
	16QAM	3650	75	0	14.712	/	Pass
20	QPSK	3650	100	0	19.317	/	Pass
	16QAM	3650	100	0	19.328	/	Pass

3.2 Test Graph

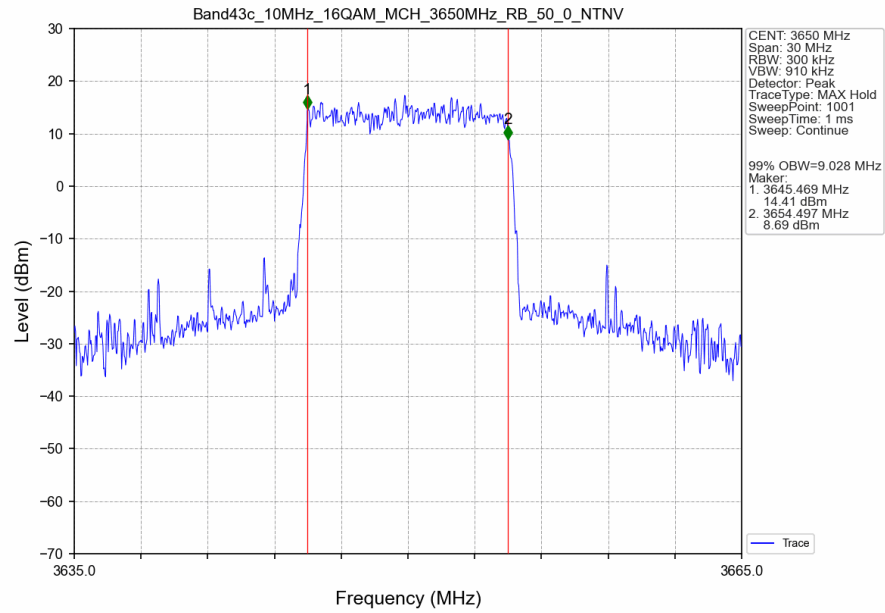
3.2.1 Band43c_OBW



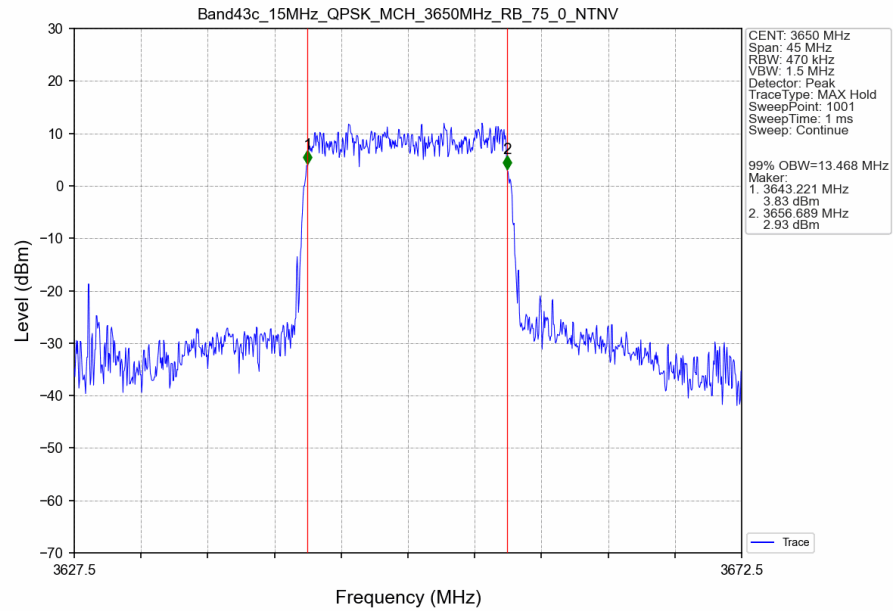
Band43c 10MHz QPSK MCH 3650MHz RB 50 0 NTV



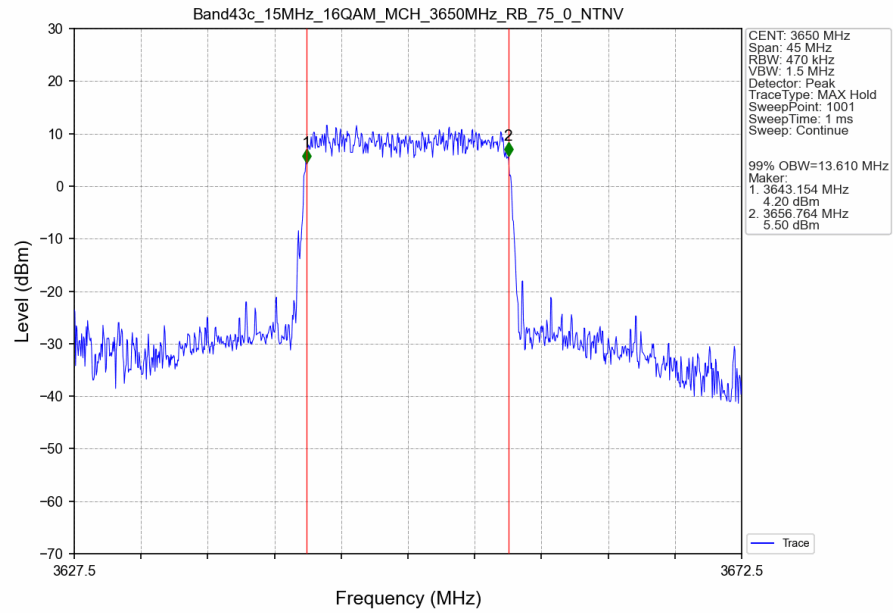
Band43c 10MHz 16QAM MCH 3650MHz RB 50 0 NTV



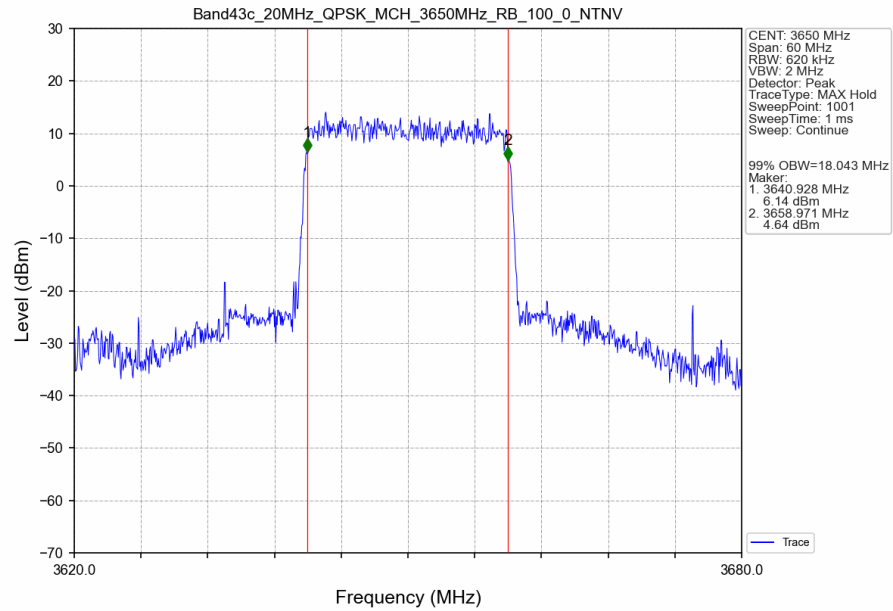
Band43c 15MHz QPSK MCH 3650MHz RB 75 0 NTV



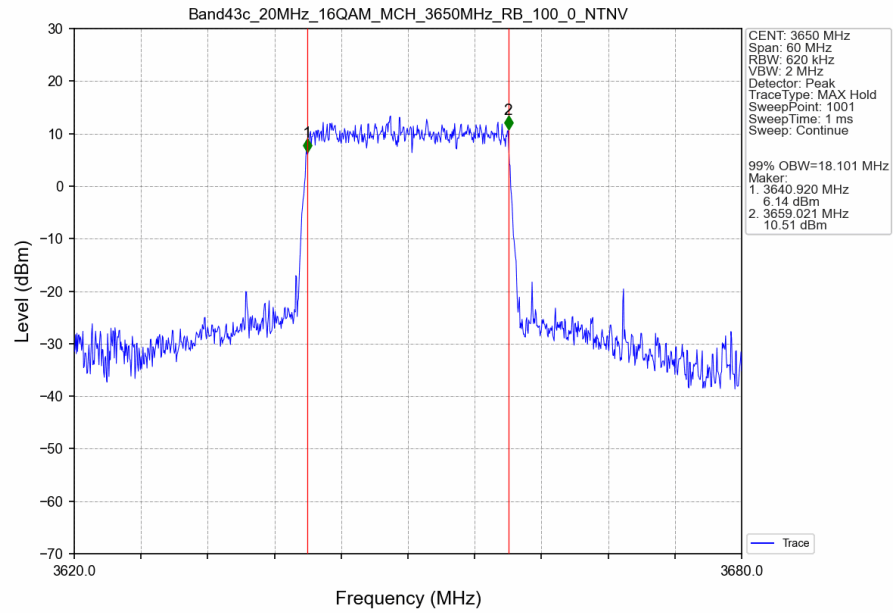
Band43c 15MHz 16QAM MCH 3650MHz RB 75 0 NTV



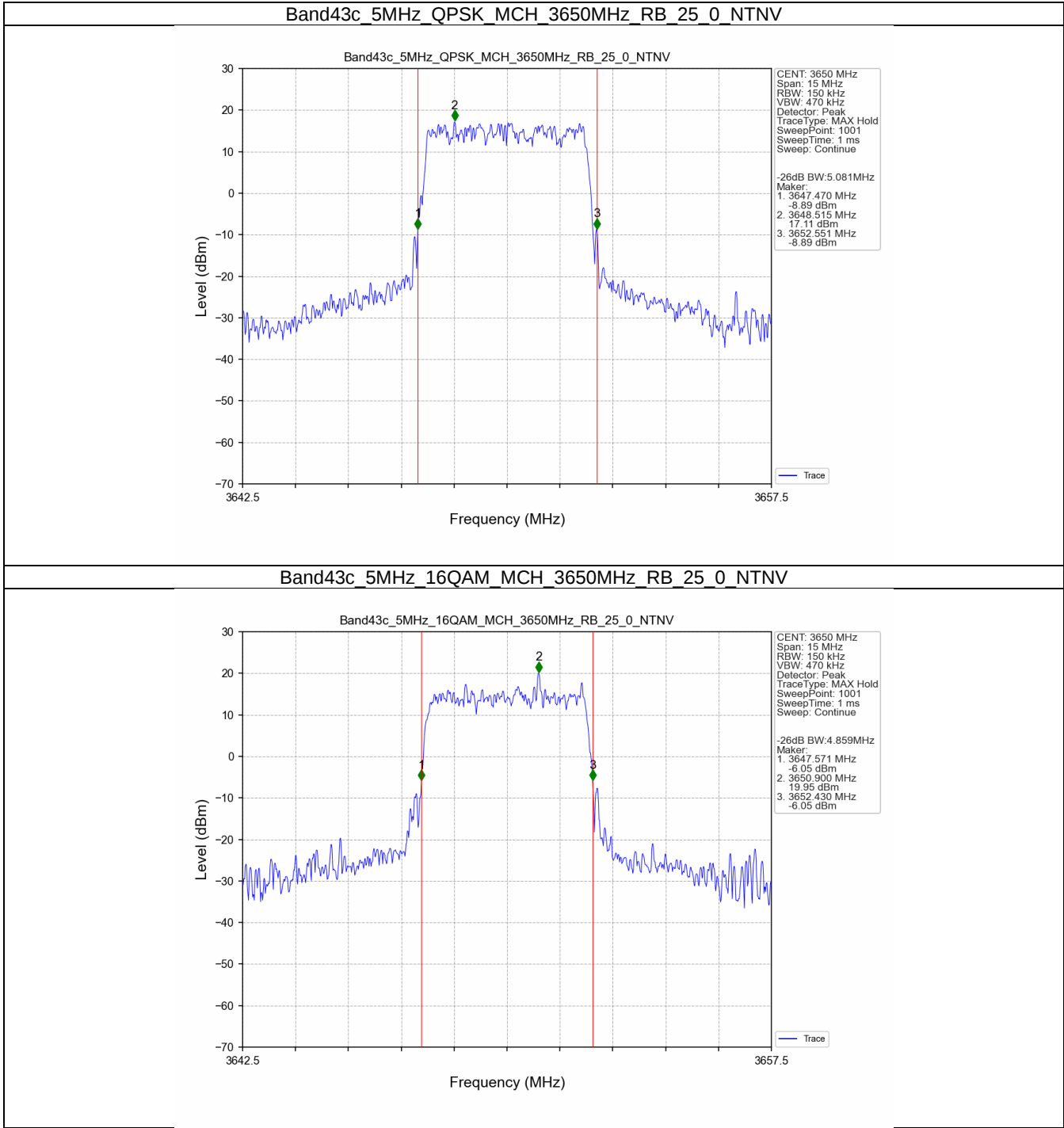
Band43c 20MHz QPSK MCH 3650MHz RB 100 0 NTV



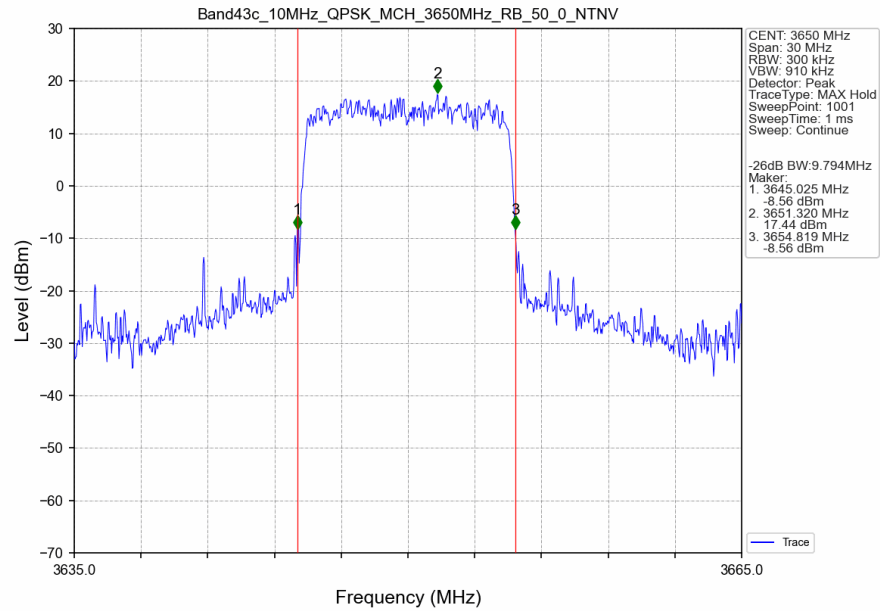
Band43c 20MHz 16QAM MCH 3650MHz RB 100 0 NTV



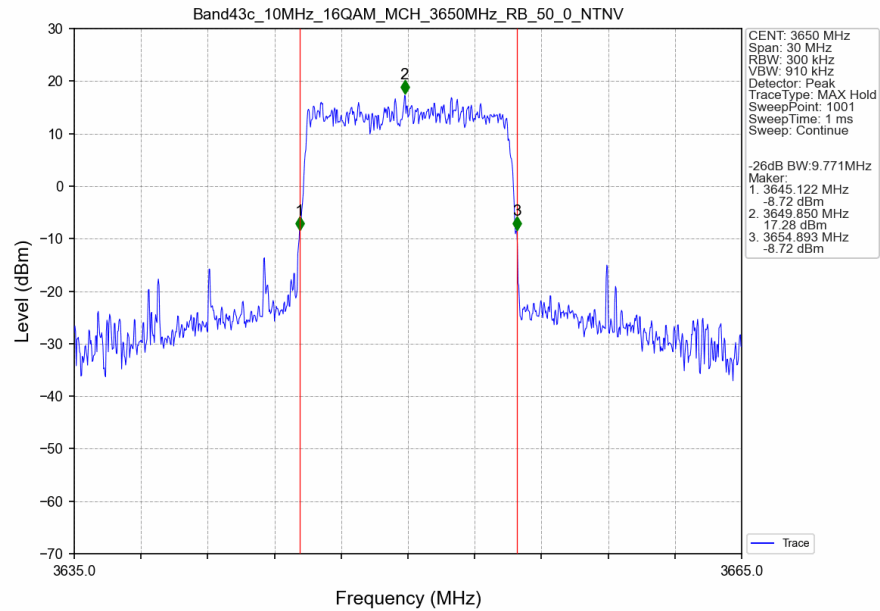
3.2.2 Band43c_XDB



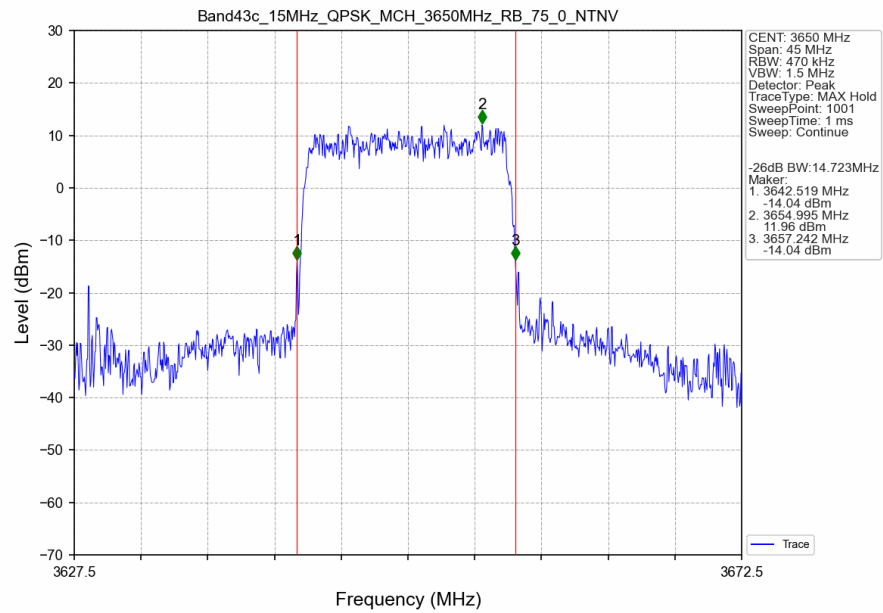
Band43c 10MHz QPSK MCH 3650MHz RB 50 0 NTV



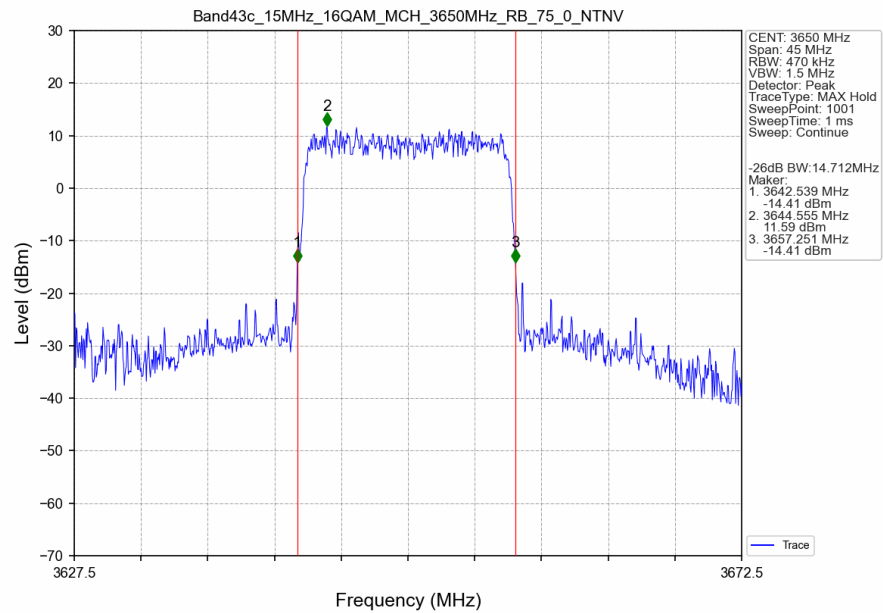
Band43c 10MHz 16QAM MCH 3650MHz RB 50 0 NTV



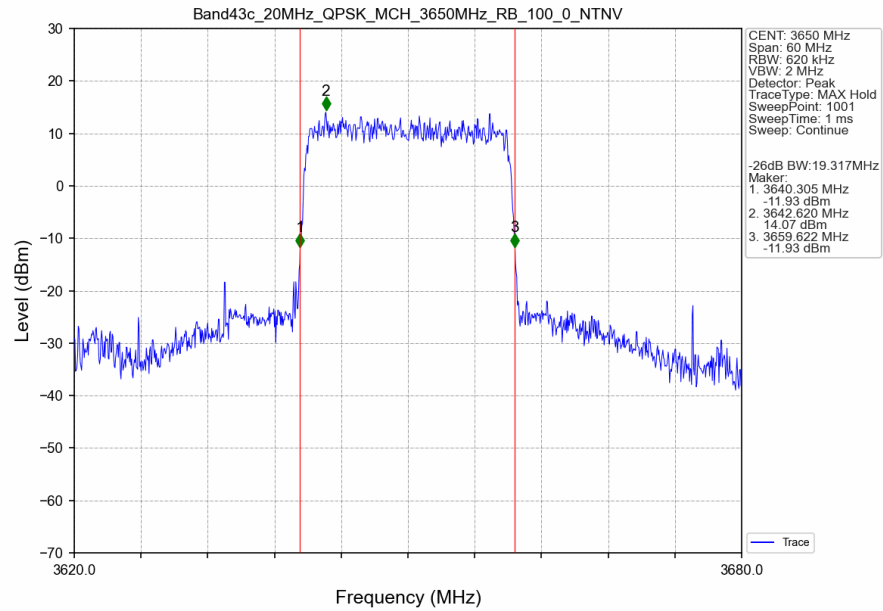
Band43c 15MHz QPSK MCH 3650MHz RB 75 0 NTV



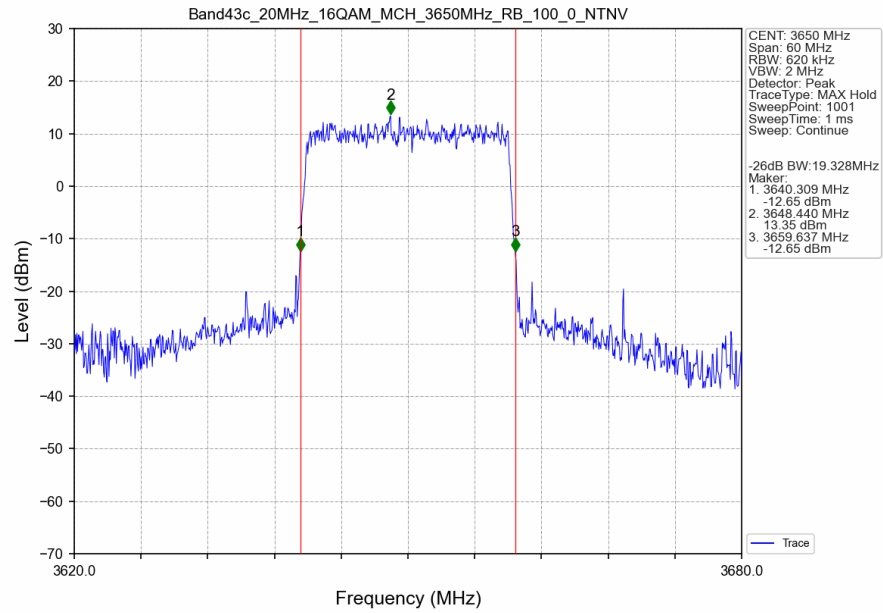
Band43c 15MHz 16QAM MCH 3650MHz RB 75 0 NTV



Band43c 20MHz QPSK MCH 3650MHz RB 100 0 NTV



Band43c 20MHz 16QAM MCH 3650MHz RB 100 0 NTV



4. Peak-Average Ratio

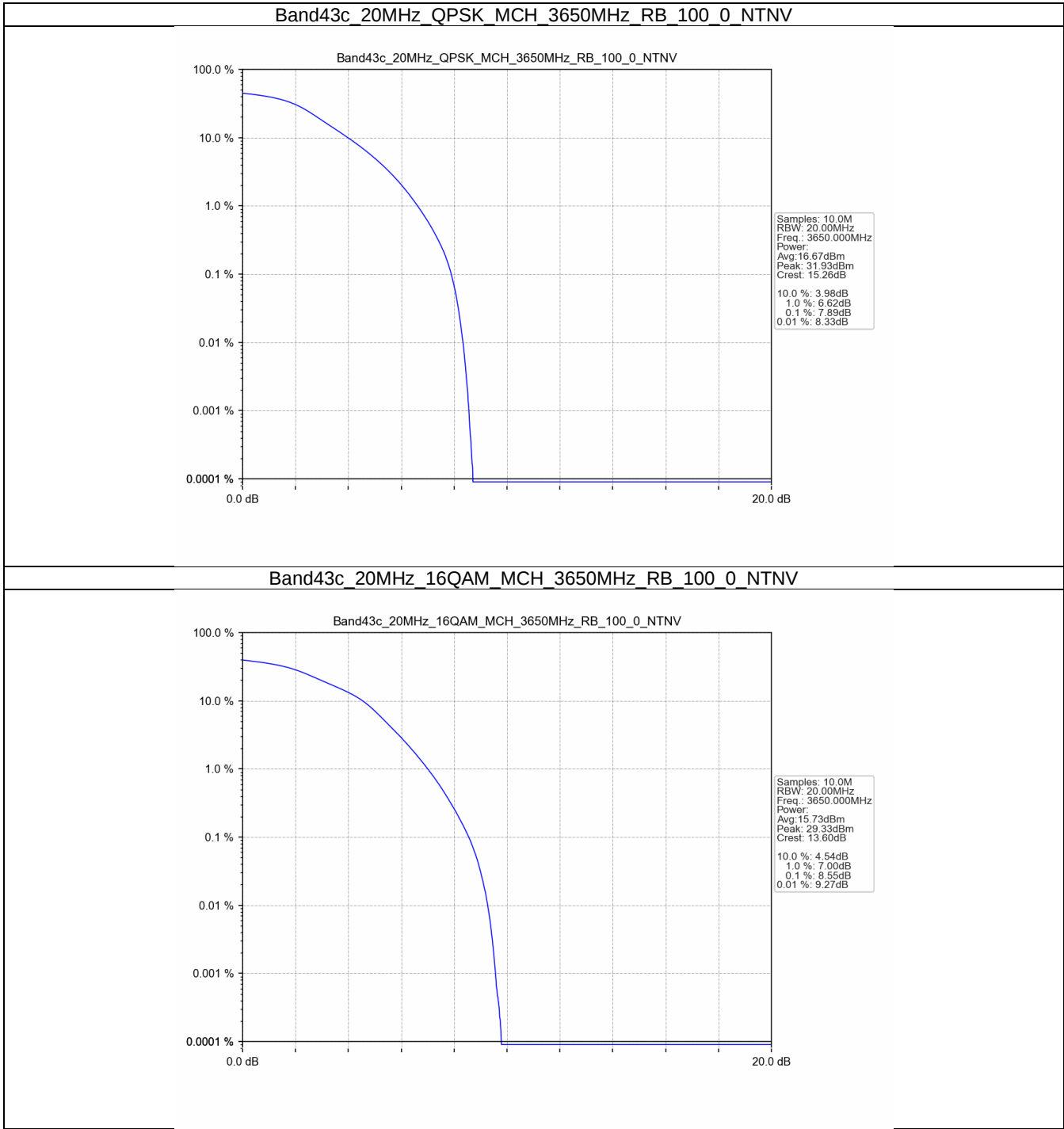
4.1 Test Result

4.1.1 B43c_20MHz

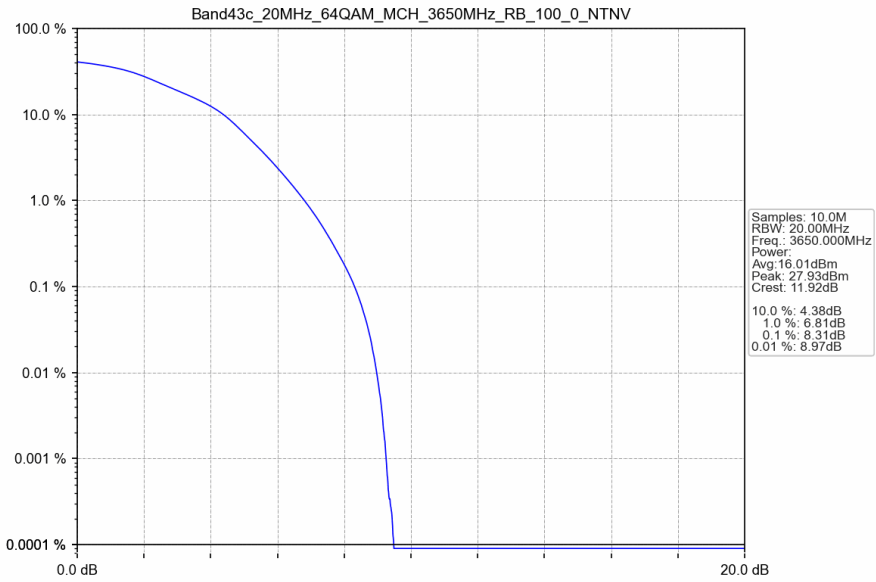
Band: 43c / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3650	100	0	7.89	<=13	Pass
16QAM	3650	100	0	8.55	<=13	Pass
64QAM	3650	100	0	8.31	<=13	Pass

4.2 Test Graph

4.2.1 B43c_20MHz



Band43c 20MHz 64QAM MCH 3650MHz RB 100 0 NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B43c_5MHz

Band: 43c / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3602.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
		3697.5	1	0	Refer To Test Graph	
	24			Refer To Test Graph		Pass
	25		0	Refer To Test Graph		Pass

5.1.2 B43c_10MHz

Band: 43c / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3605	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
		3695	1	0	Refer To Test Graph	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass

5.1.3 B43c_15MHz

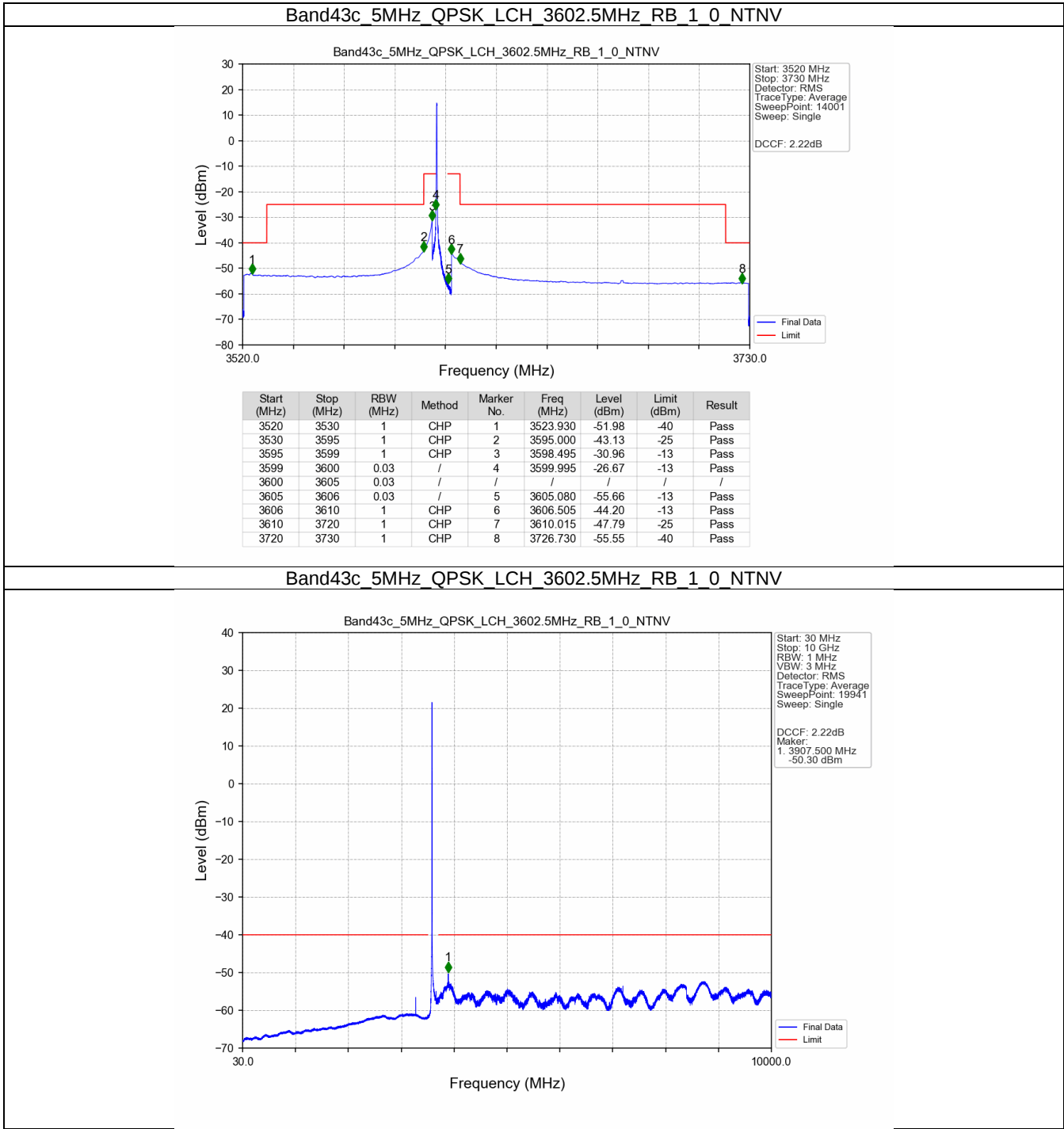
Band: 43c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3607.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
	3692.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B43c_20MHz

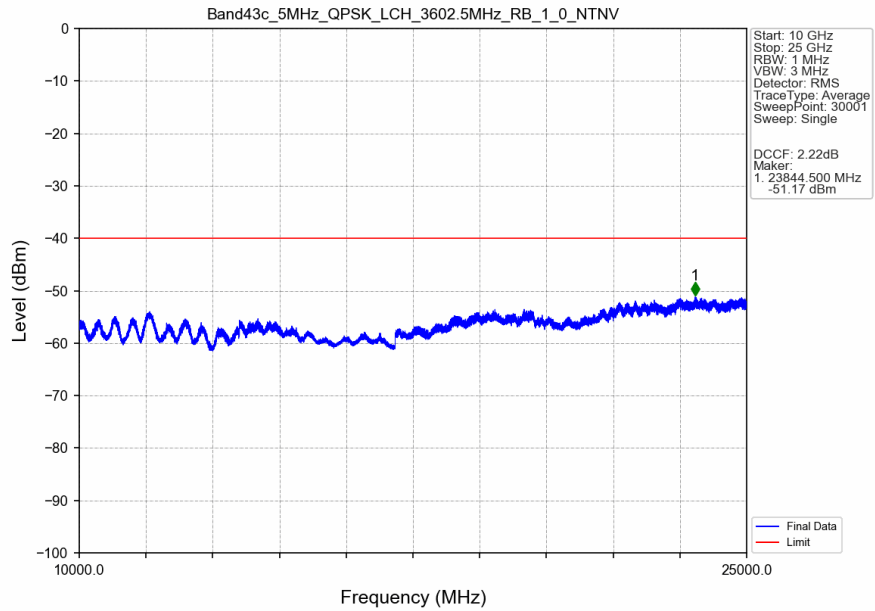
Band: 43c / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3610	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
	3690	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

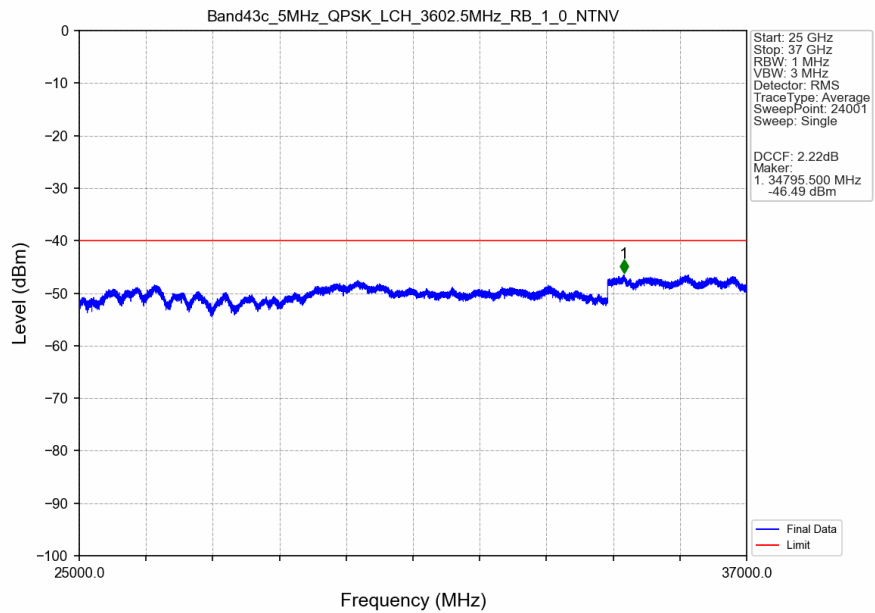
5.2.1 B43c_5MHz



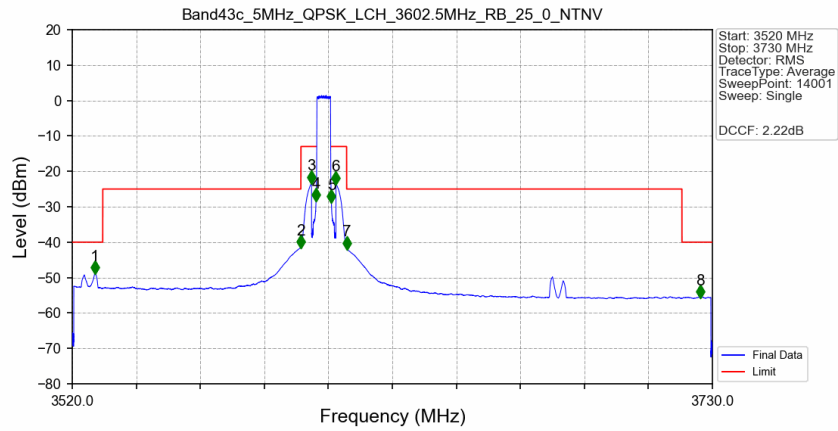
Band43c 5MHz QPSK LCH 3602.5MHz RB 1 0 NTNV



Band43c 5MHz QPSK LCH 3602.5MHz RB 1 0 NTNV

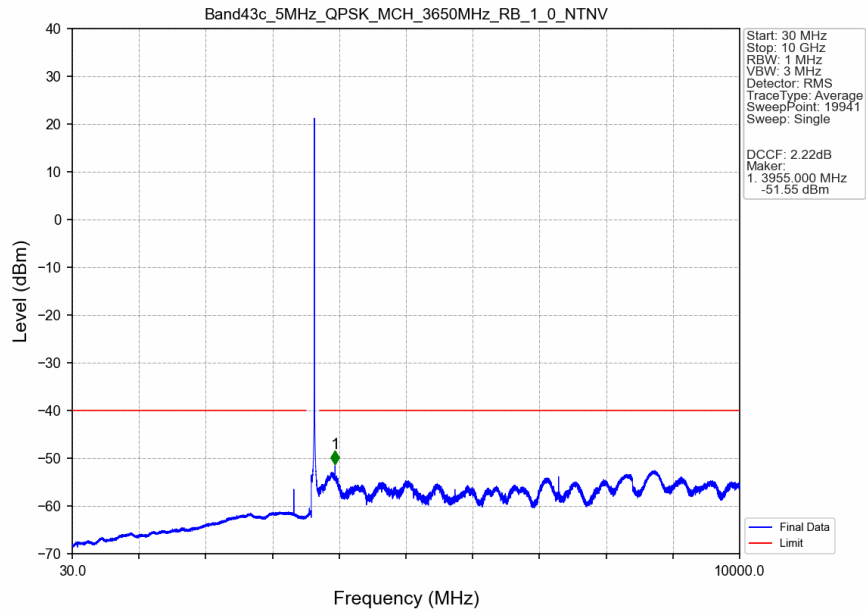


Band43c 5MHz QPSK LCH 3602.5MHz RB 25 0 NTV

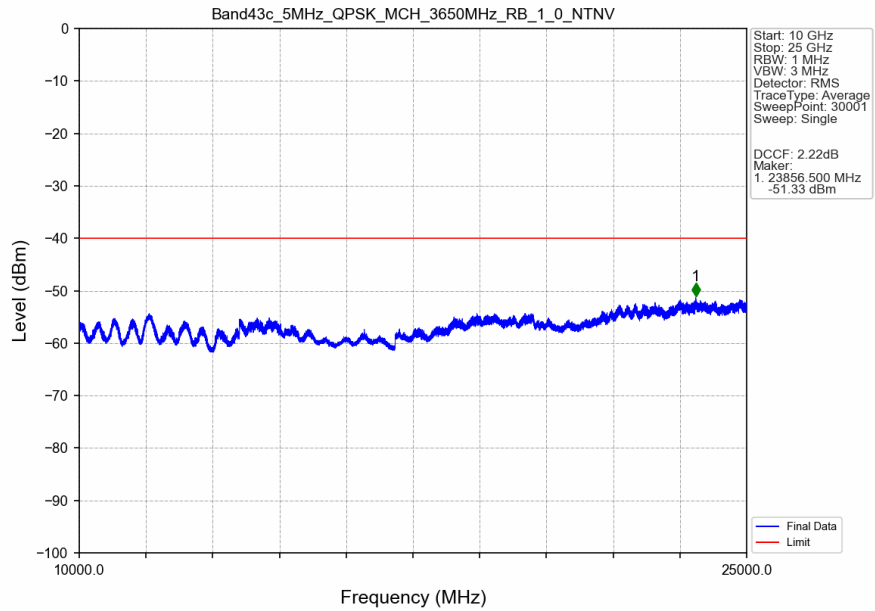


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3527.440	-48.72	-40	Pass
3530	3595	1	CHP	2	3595.000	-41.37	-25	Pass
3595	3599	1	CHP	3	3598.495	-23.19	-13	Pass
3599	3600	0.051	CHP	4	3599.995	-28.18	-13	Pass
3600	3605	0.051	CHP	/	/	/	/	/
3605	3606	0.051	CHP	5	3605.005	-28.60	-13	Pass
3606	3610	1	CHP	6	3606.505	-23.37	-13	Pass
3610	3720	1	CHP	7	3610.015	-41.73	-25	Pass
3720	3730	1	CHP	8	3726.085	-55.48	-40	Pass

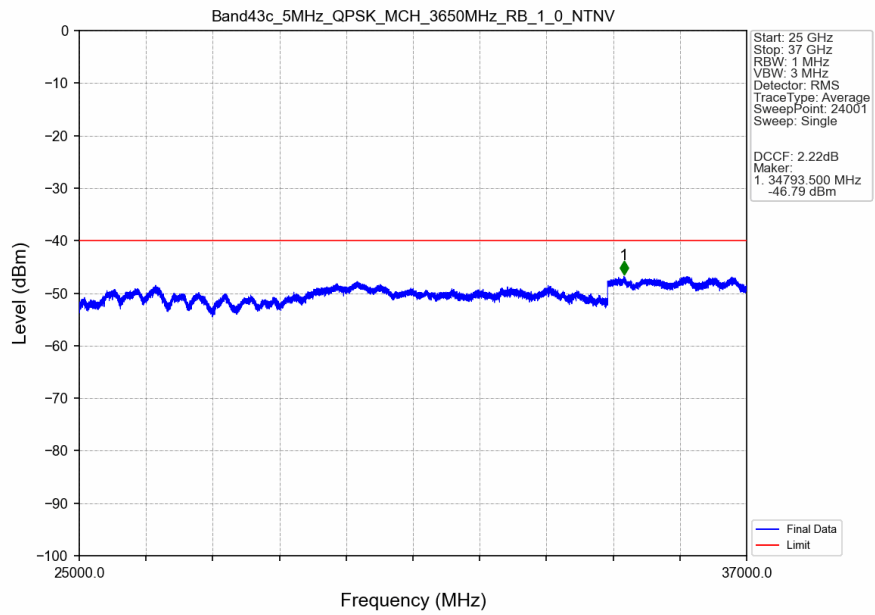
Band43c 5MHz QPSK MCH 3650MHz RB 1 0 NTV



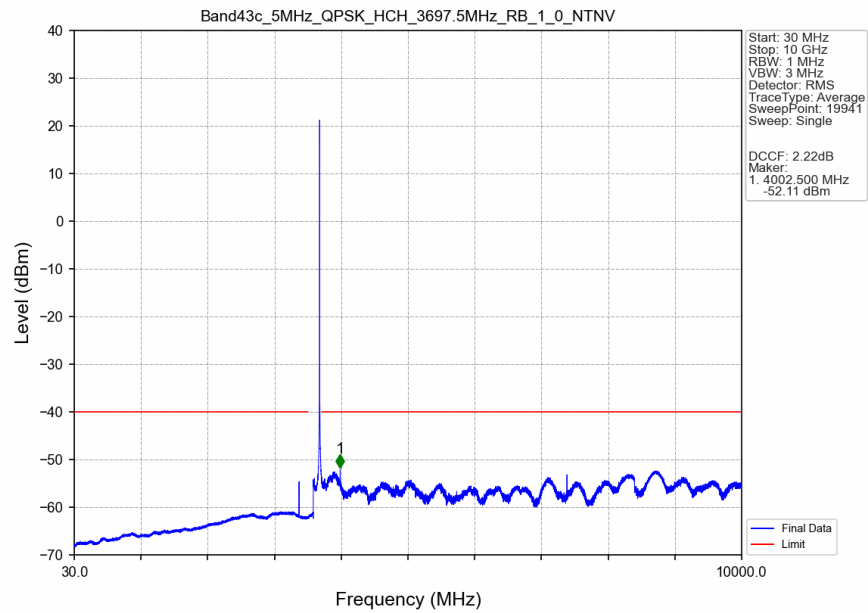
Band43c 5MHz QPSK MCH 3650MHz RB 1 0 NTNV



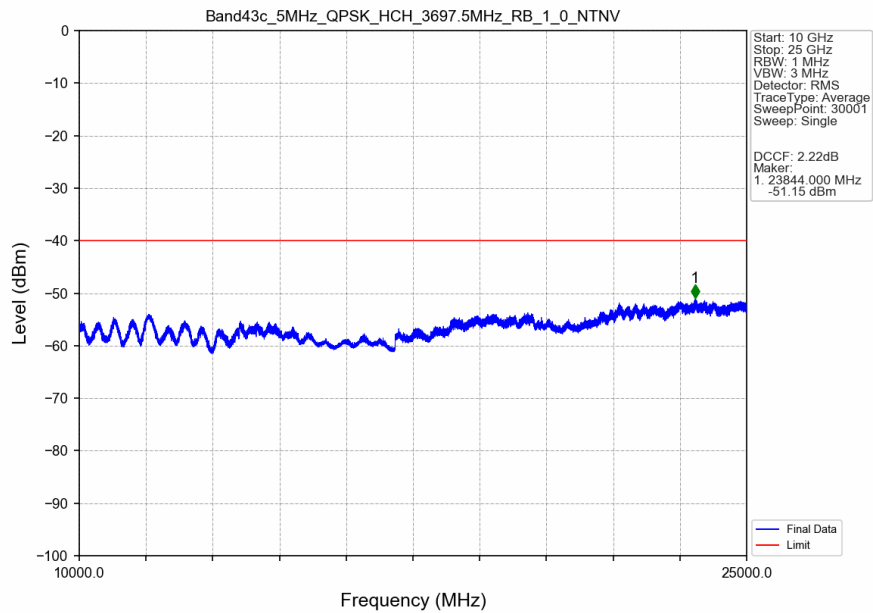
Band43c 5MHz QPSK MCH 3650MHz RB 1 0 NTNV



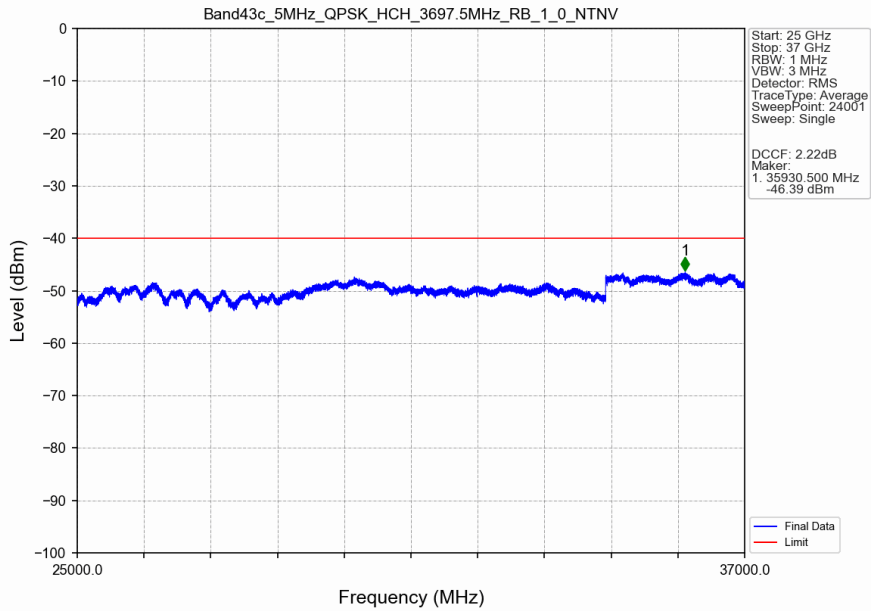
Band43c 5MHz QPSK HCH 3697.5MHz RB 1 0 NTV



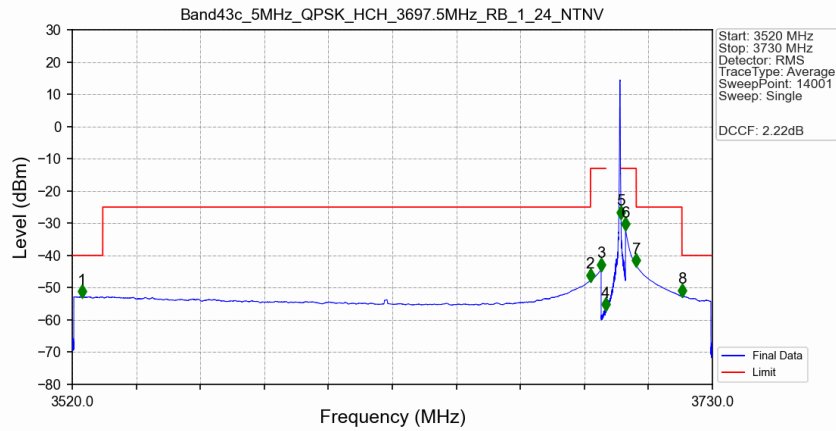
Band43c 5MHz QPSK HCH 3697.5MHz RB 1 0 NTV



Band43c 5MHz QPSK HCH 3697.5MHz RB 1 0 NTNV

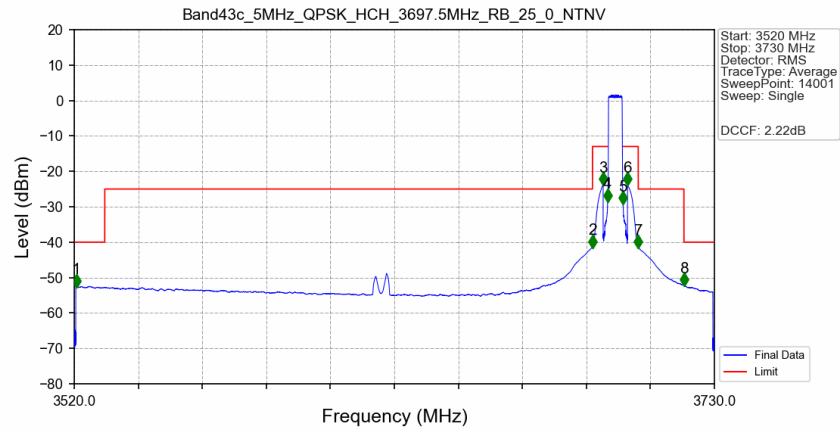


Band43c 5MHz QPSK HCH 3697.5MHz RB 1 24 NTNV



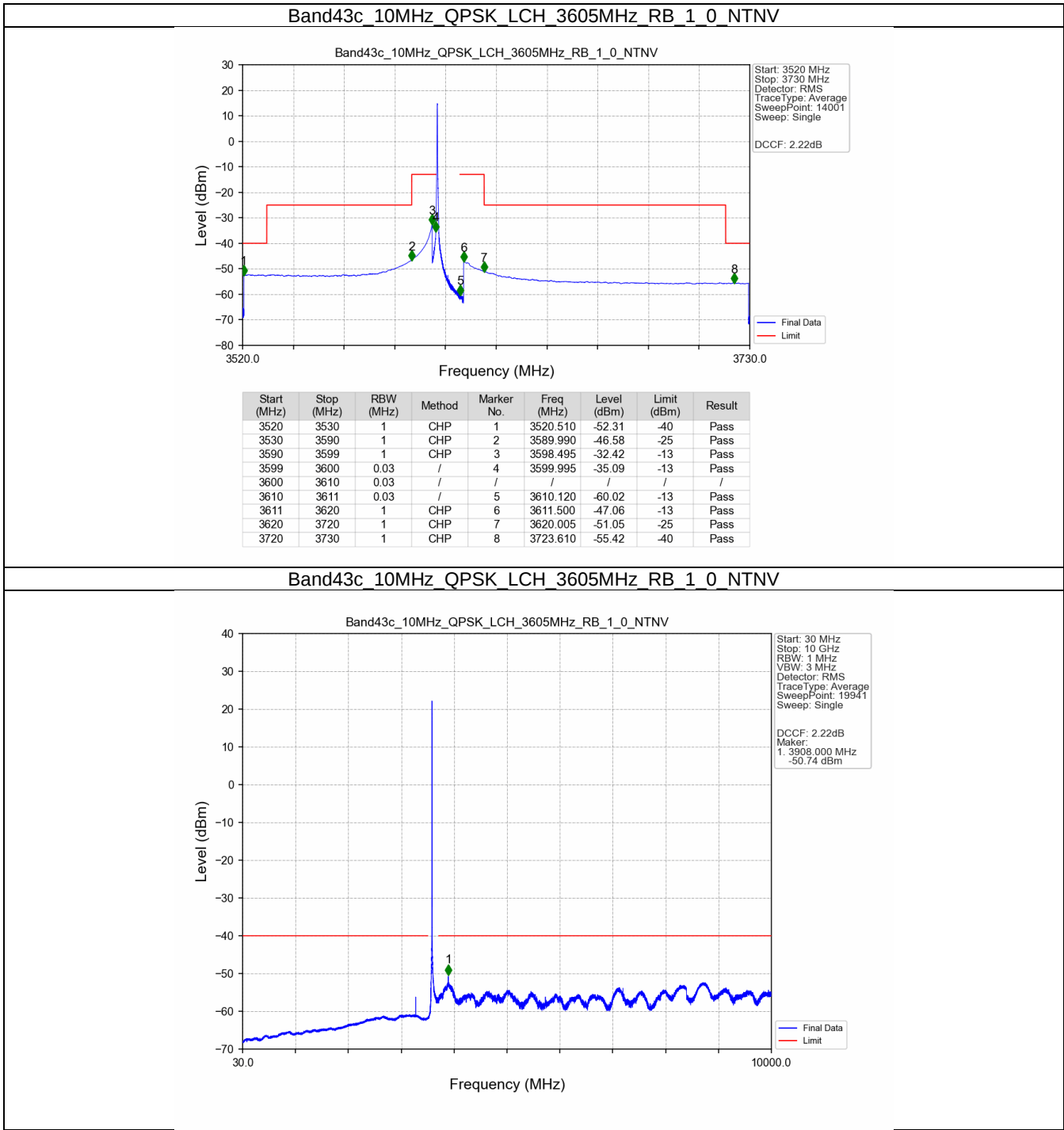
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.165	-52.80	-40	Pass
3530	3690	1	CHP	2	3689.950	-47.82	-25	Pass
3690	3694	1	CHP	3	3693.490	-44.52	-13	Pass
3694	3695	0.03	/	4	3694.930	-56.86	-13	Pass
3695	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.015	-28.28	-13	Pass
3701	3705	1	CHP	6	3701.500	-31.98	-13	Pass
3705	3720	1	CHP	7	3705.010	-43.20	-25	Pass
3720	3730	1	CHP	8	3720.175	-52.49	-40	Pass

Band43c 5MHz QPSK HCH 3697.5MHz RB 25 0 NTN

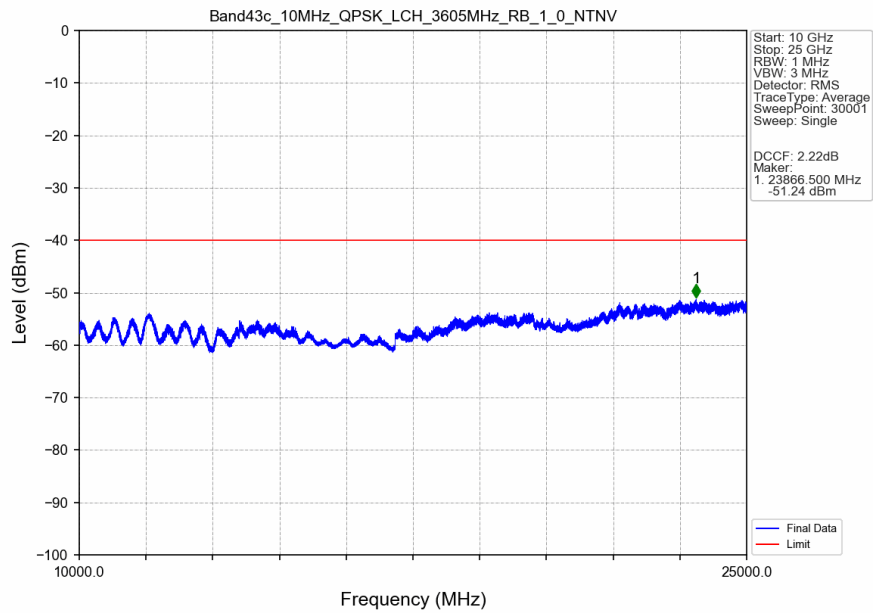


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.720	-52.44	-40	Pass
3530	3690	1	CHP	2	3689.995	-41.35	-25	Pass
3690	3694	1	CHP	3	3693.490	-23.69	-13	Pass
3694	3695	0.051	CHP	4	3694.990	-28.28	-13	Pass
3695	3700	0.051	CHP	/	/	/	/	/
3700	3701	0.051	CHP	5	3700.015	-29.07	-13	Pass
3701	3705	1	CHP	6	3701.500	-23.76	-13	Pass
3705	3720	1	CHP	7	3705.010	-41.39	-25	Pass
3720	3730	1	CHP	8	3720.100	-52.11	-40	Pass

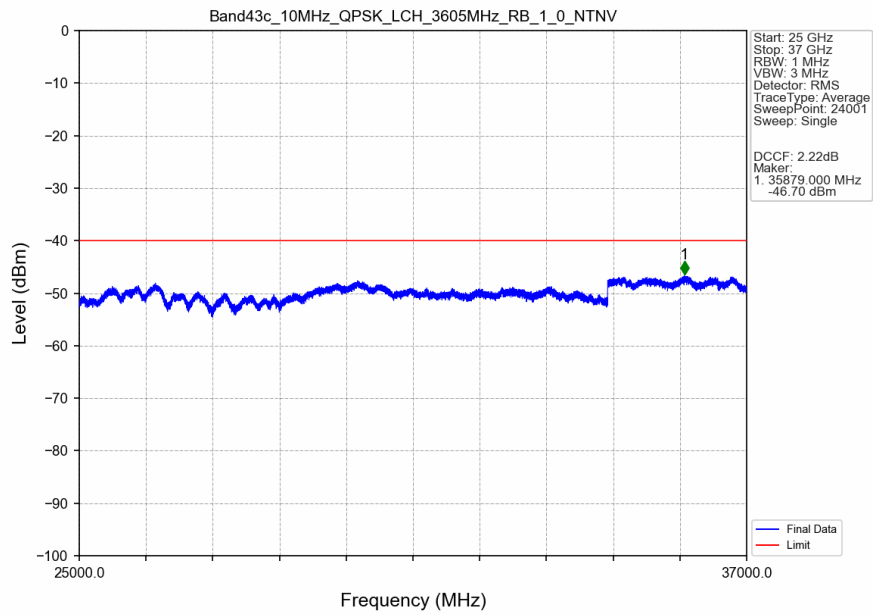
5.2.2 B43c_10MHz



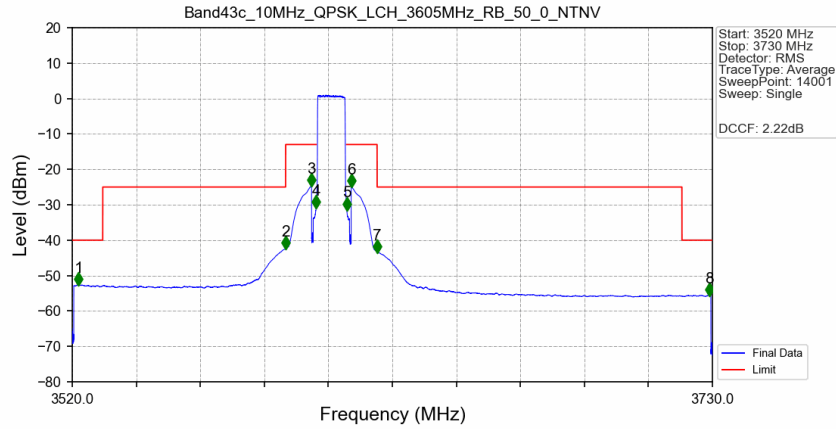
Band43c_10MHz_QPSK_LCH_3605MHz_RB_1_0_NTNV



Band43c_10MHz_QPSK_LCH_3605MHz_RB_1_0_NTNV

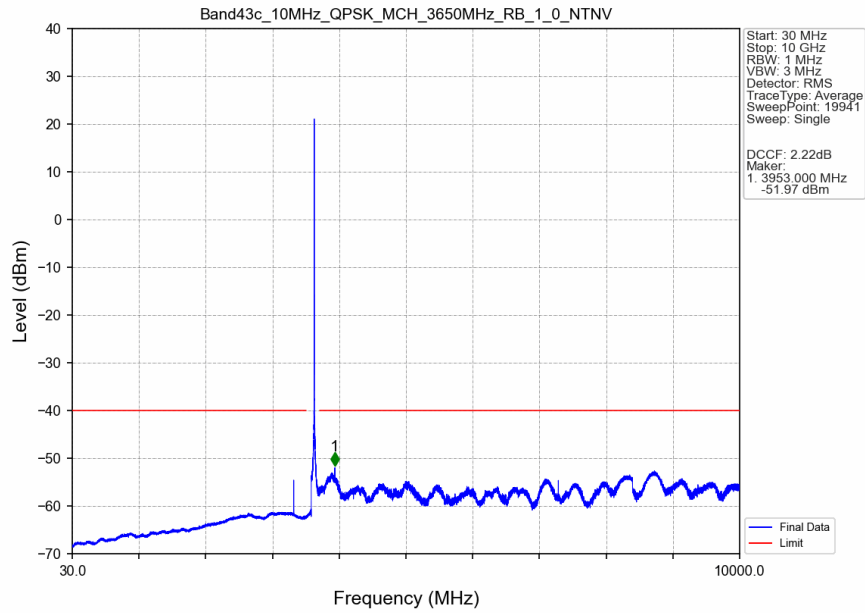


Band43c 10MHz QPSK LCH 3605MHz RB 50 0 NTV

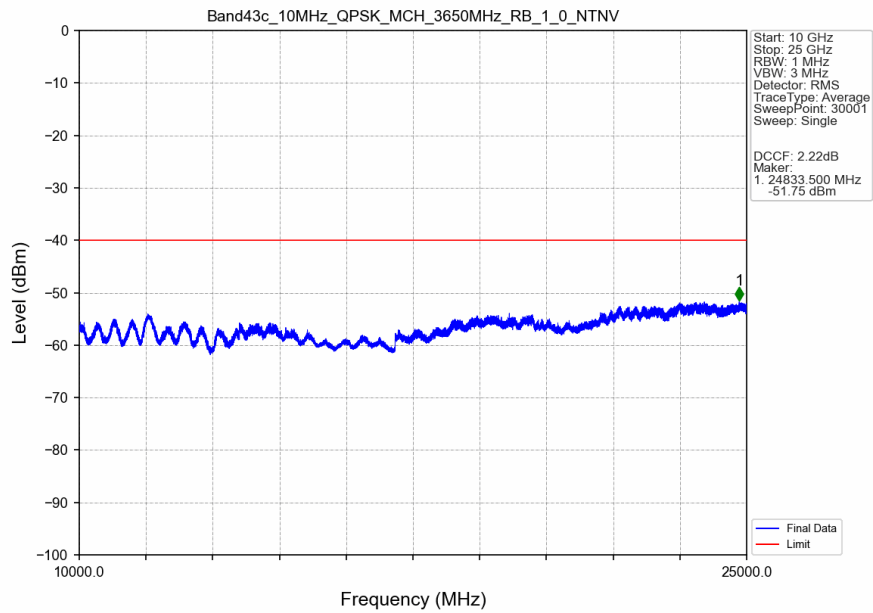


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3522.100	-52.55	-40	Pass
3530	3590	1	CHP	2	3589.990	-42.36	-25	Pass
3590	3599	1	CHP	3	3598.495	-24.56	-13	Pass
3599	3600	0.098	CHP	4	3599.995	-30.72	-13	Pass
3600	3610	0.098	CHP	/	/	/	/	/
3610	3611	0.098	CHP	5	3610.015	-31.28	-13	Pass
3611	3620	1	CHP	6	3611.500	-24.77	-13	Pass
3620	3720	1	CHP	7	3620.005	-43.34	-25	Pass
3720	3730	1	CHP	8	3728.920	-55.52	-40	Pass

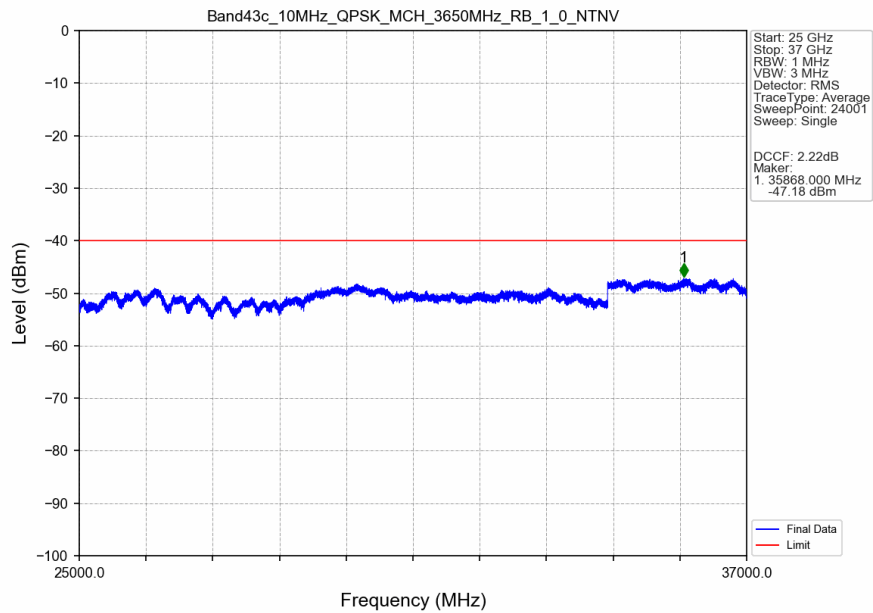
Band43c 10MHz QPSK MCH 3650MHz RB 1 0 NTV



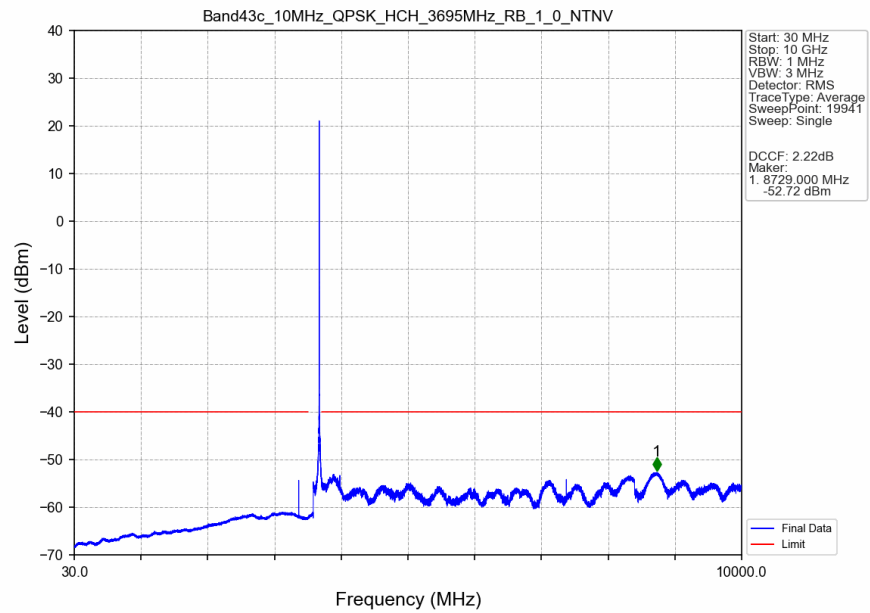
Band43c 10MHz QPSK MCH 3650MHz RB 1 0 NTNV



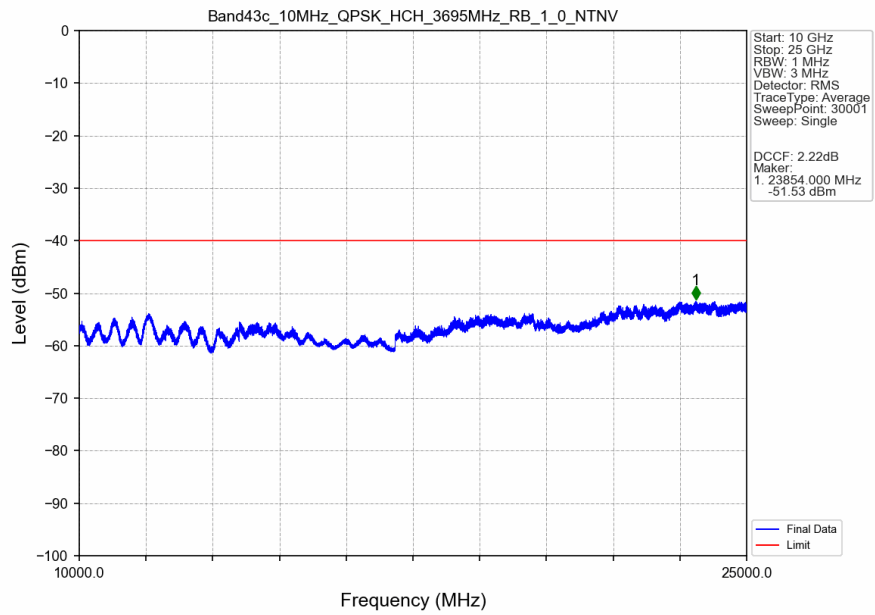
Band43c 10MHz QPSK MCH 3650MHz RB 1 0 NTNV



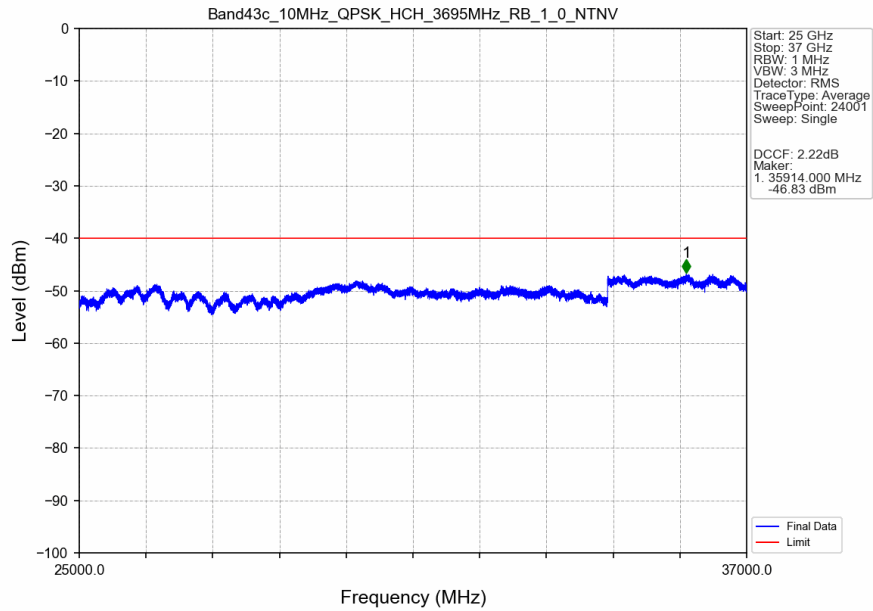
Band43c 10MHz QPSK HCH 3695MHz RB 1 0 NTNV



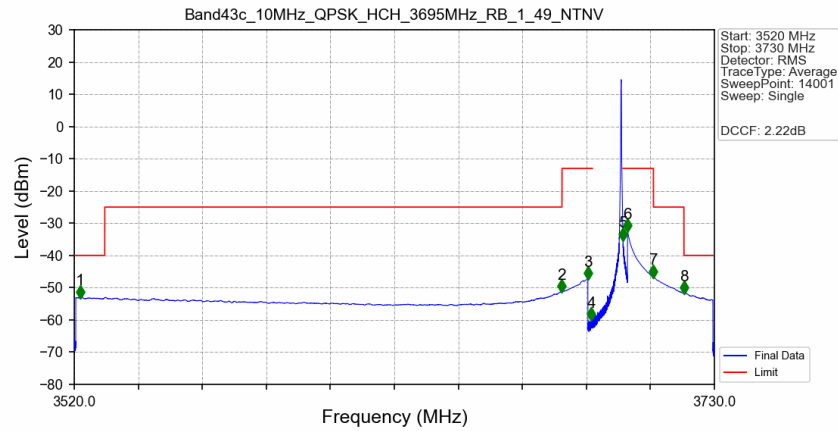
Band43c 10MHz QPSK HCH 3695MHz RB 1 0 NTNV



Band43c 10MHz QPSK HCH 3695MHz RB 1 0 NTNV

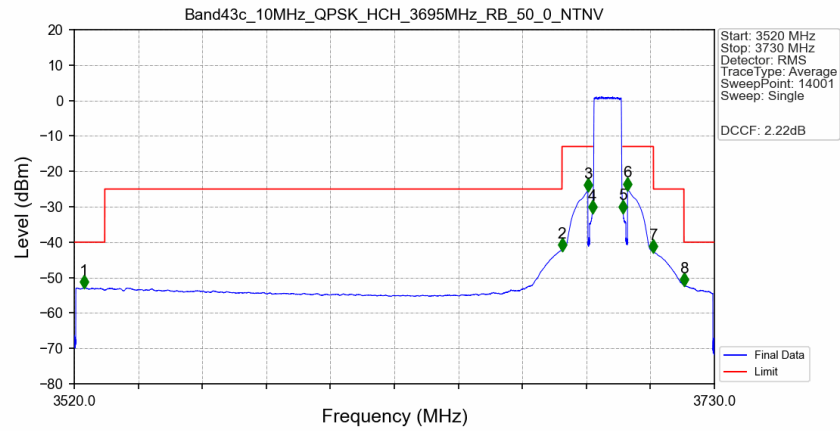


Band43c 10MHz QPSK HCH 3695MHz RB 1 49 NTNV



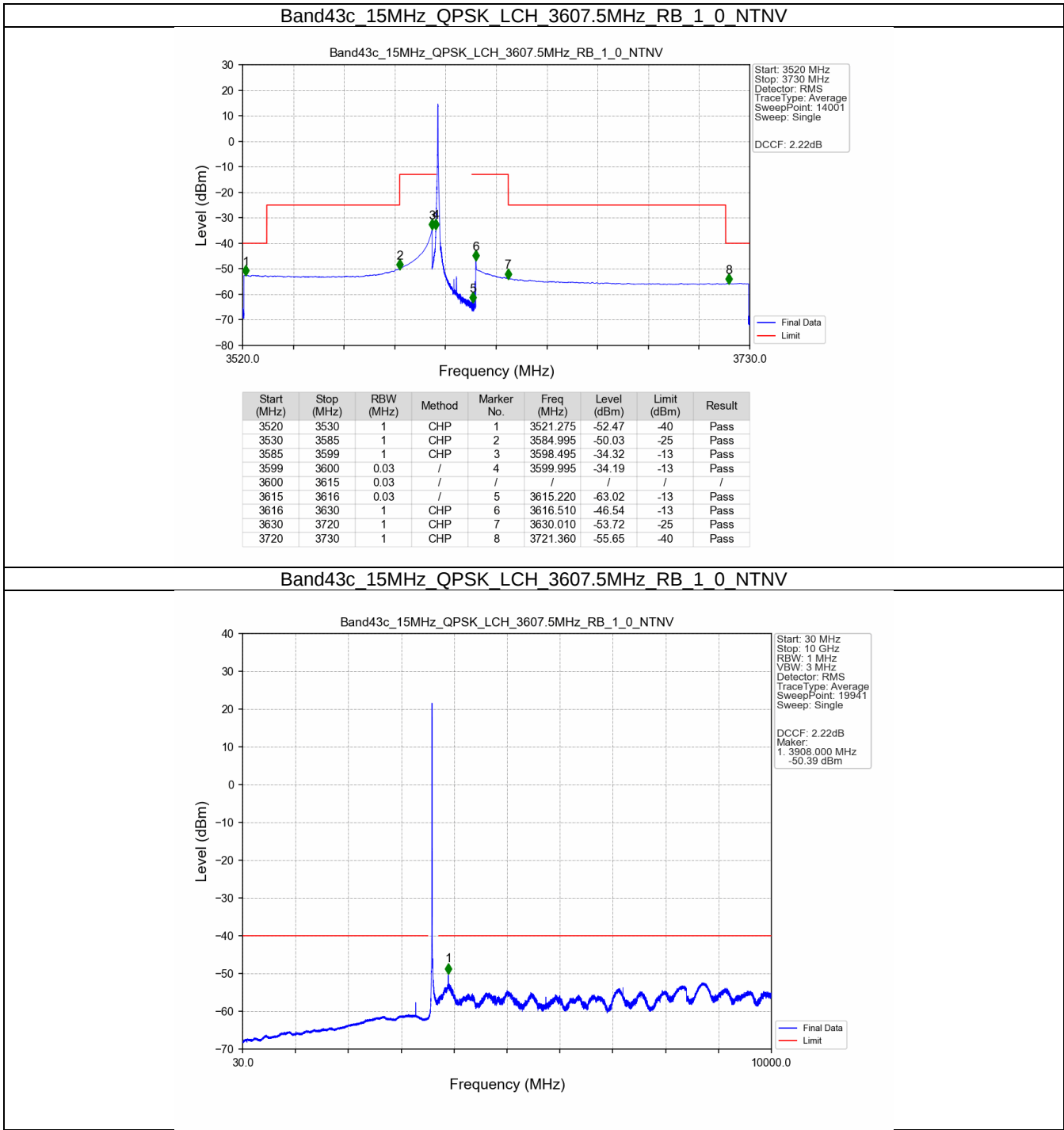
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.950	-52.96	-40	Pass
3530	3680	1	CHP	2	3679.900	-51.26	-25	Pass
3680	3689	1	CHP	3	3688.495	-47.23	-13	Pass
3689	3690	0.03	/	4	3689.650	-59.97	-13	Pass
3690	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.030	-35.10	-13	Pass
3701	3710	1	CHP	6	3701.500	-32.42	-13	Pass
3710	3720	1	CHP	7	3710.005	-46.66	-25	Pass
3720	3730	1	CHP	8	3720.100	-51.63	-40	Pass

Band43c 10MHz QPSK HCH 3695MHz RB 50 0 NTV

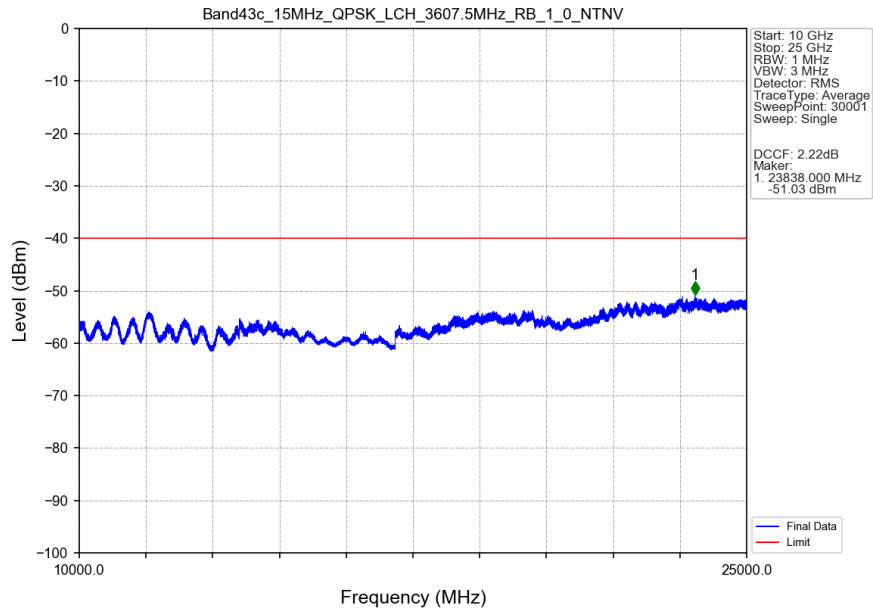


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.225	-52.84	-40	Pass
3530	3680	1	CHP	2	3679.990	-42.25	-25	Pass
3680	3689	1	CHP	3	3688.495	-25.40	-13	Pass
3689	3690	0.098	CHP	4	3689.995	-31.56	-13	Pass
3690	3700	0.098	CHP	/	/	/	/	/
3700	3701	0.098	CHP	5	3700.015	-31.49	-13	Pass
3701	3710	1	CHP	6	3701.500	-25.10	-13	Pass
3710	3720	1	CHP	7	3710.005	-42.74	-25	Pass
3720	3730	1	CHP	8	3720.010	-52.19	-40	Pass

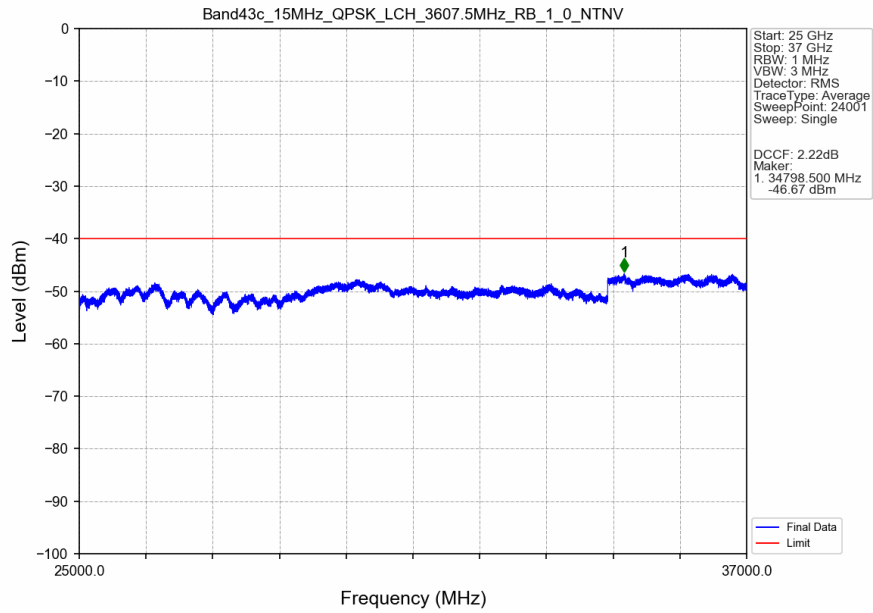
5.2.3 B43c_15MHz



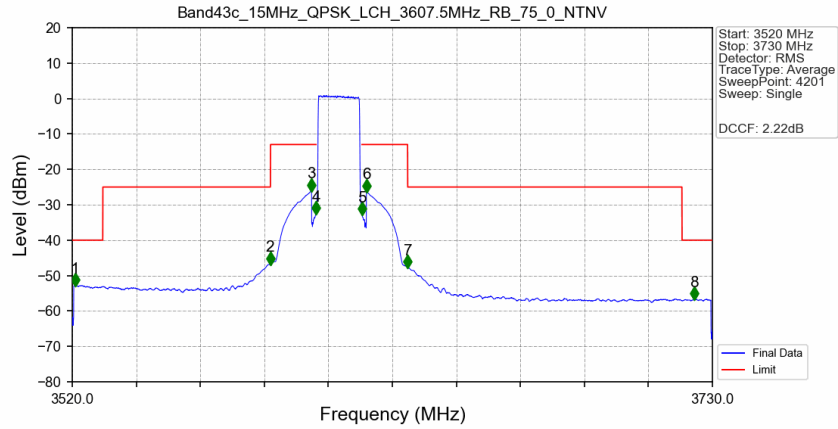
Band43c_15MHz_QPSK_LCH_3607.5MHz_RB_1_0_NTNV



Band43c_15MHz_QPSK_LCH_3607.5MHz_RB_1_0_NTNV

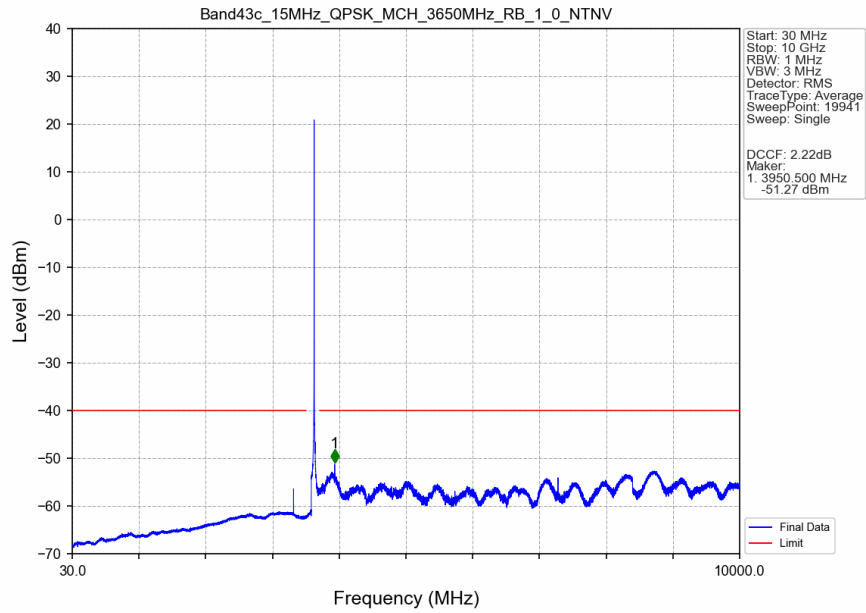


Band43c 15MHz QPSK LCH 3607.5MHz RB 75 0 NTV

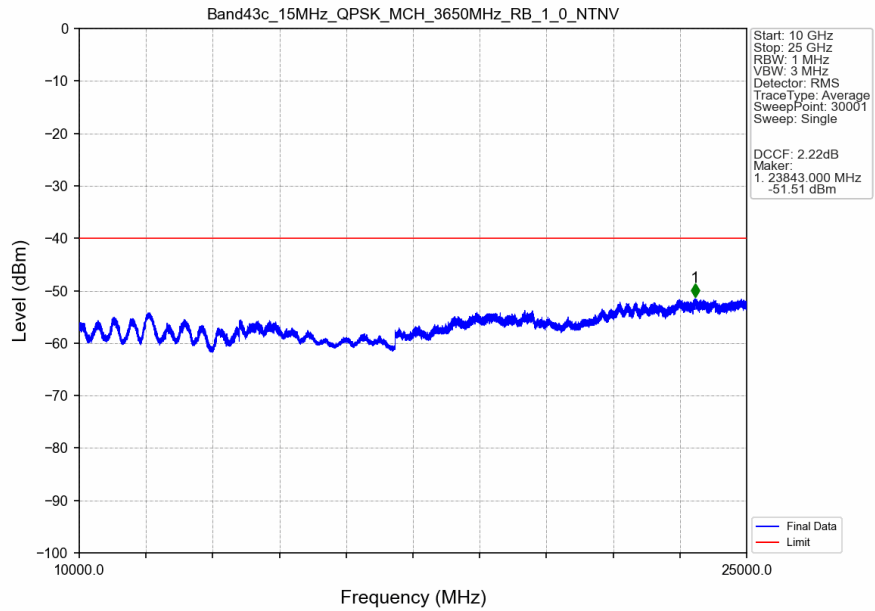


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.900	-52.78	-40	Pass
3530	3585	1	CHP	2	3584.950	-46.70	-25	Pass
3585	3599	1	CHP	3	3598.500	-25.98	-13	Pass
3599	3600	0.147	CHP	4	3599.950	-32.54	-13	Pass
3600	3615	0.147	CHP	/	/	/	/	/
3615	3616	0.147	CHP	5	3615.050	-32.67	-13	Pass
3616	3630	1	CHP	6	3616.500	-26.19	-13	Pass
3630	3720	1	CHP	7	3630.050	-47.64	-25	Pass
3720	3730	1	CHP	8	3724.000	-56.56	-40	Pass

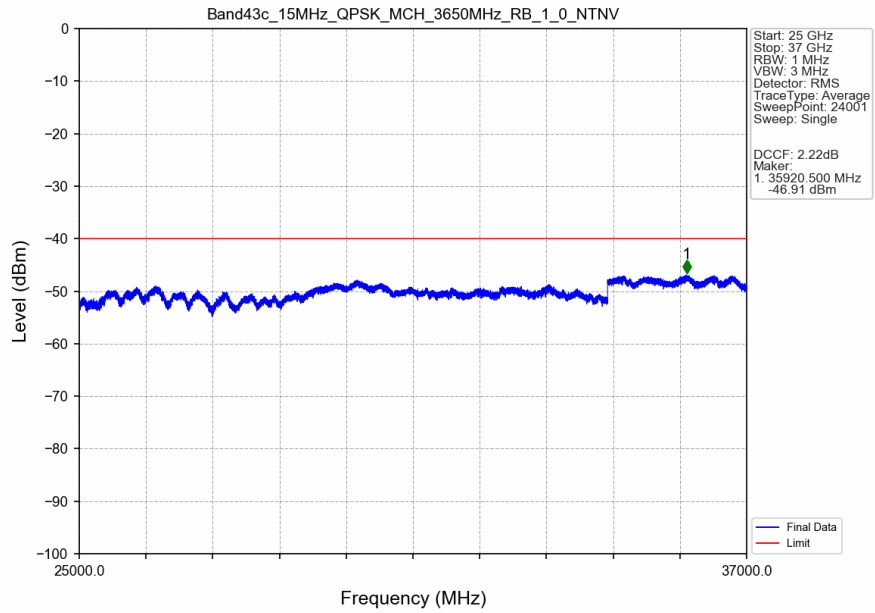
Band43c 15MHz QPSK MCH 3650MHz RB 1 0 NTV



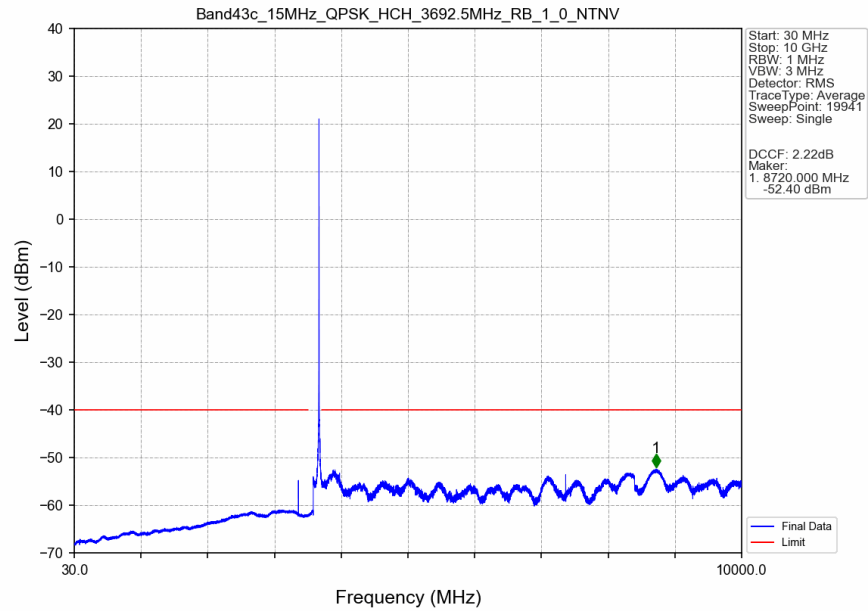
Band43c 15MHz QPSK MCH 3650MHz RB 1 0 NTV



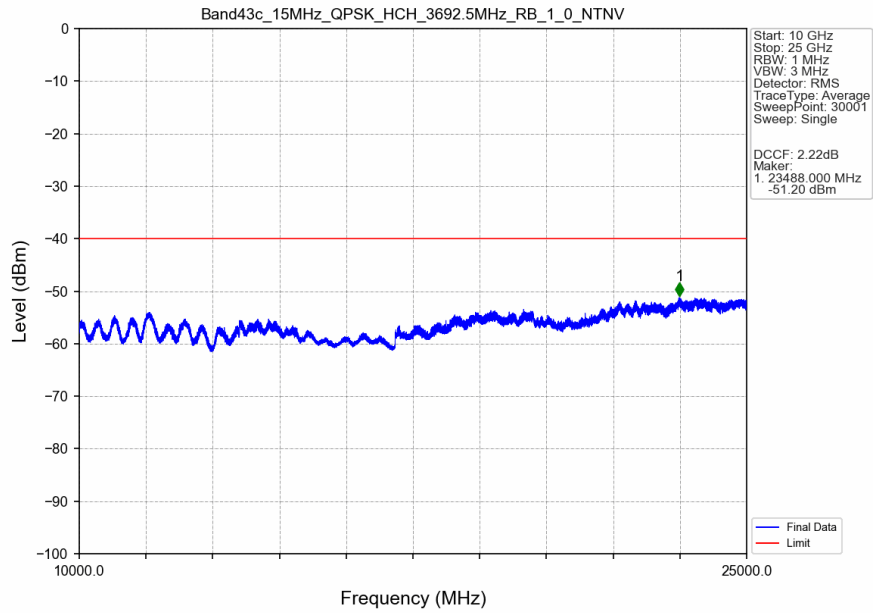
Band43c 15MHz QPSK MCH 3650MHz RB 1 0 NTV



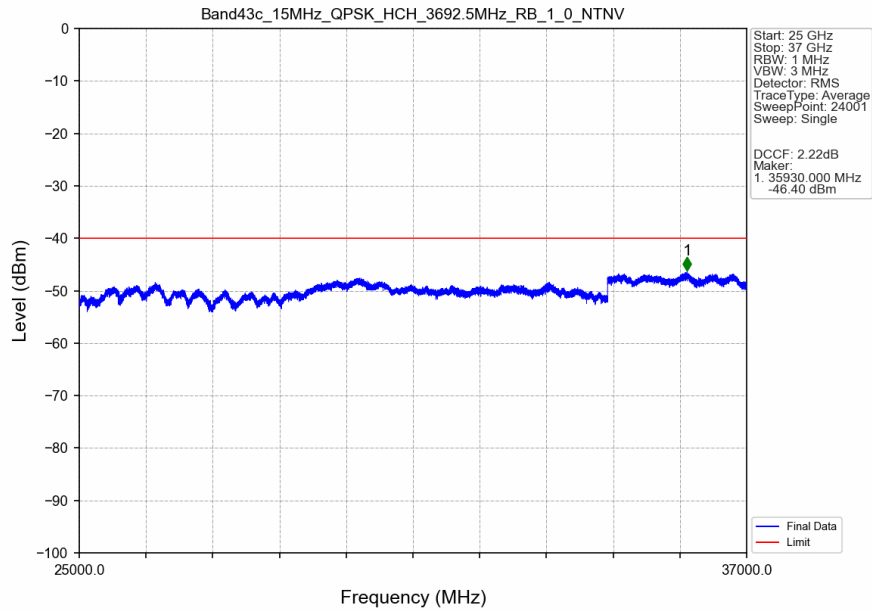
Band43c_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV



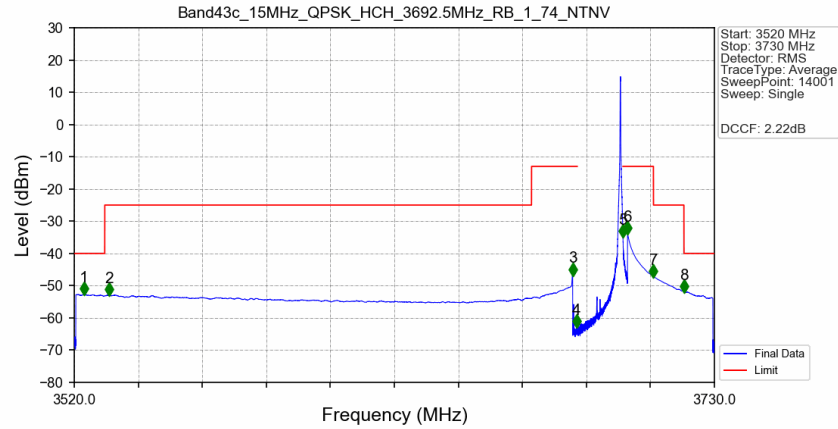
Band43c_15MHz_QPSK_HCH_3692.5MHz_RB_1_0_NTNV



Band43c 15MHz QPSK HCH 3692.5MHz RB 1 0 NTNV

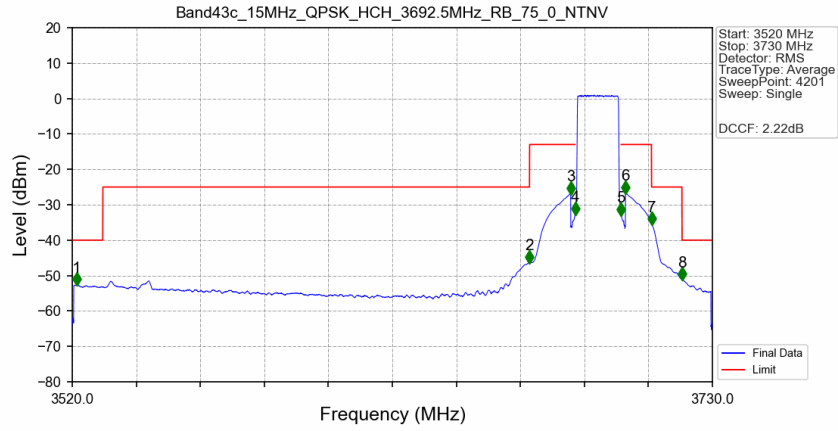


Band43c 15MHz QPSK HCH 3692.5MHz RB 1 74 NTNV



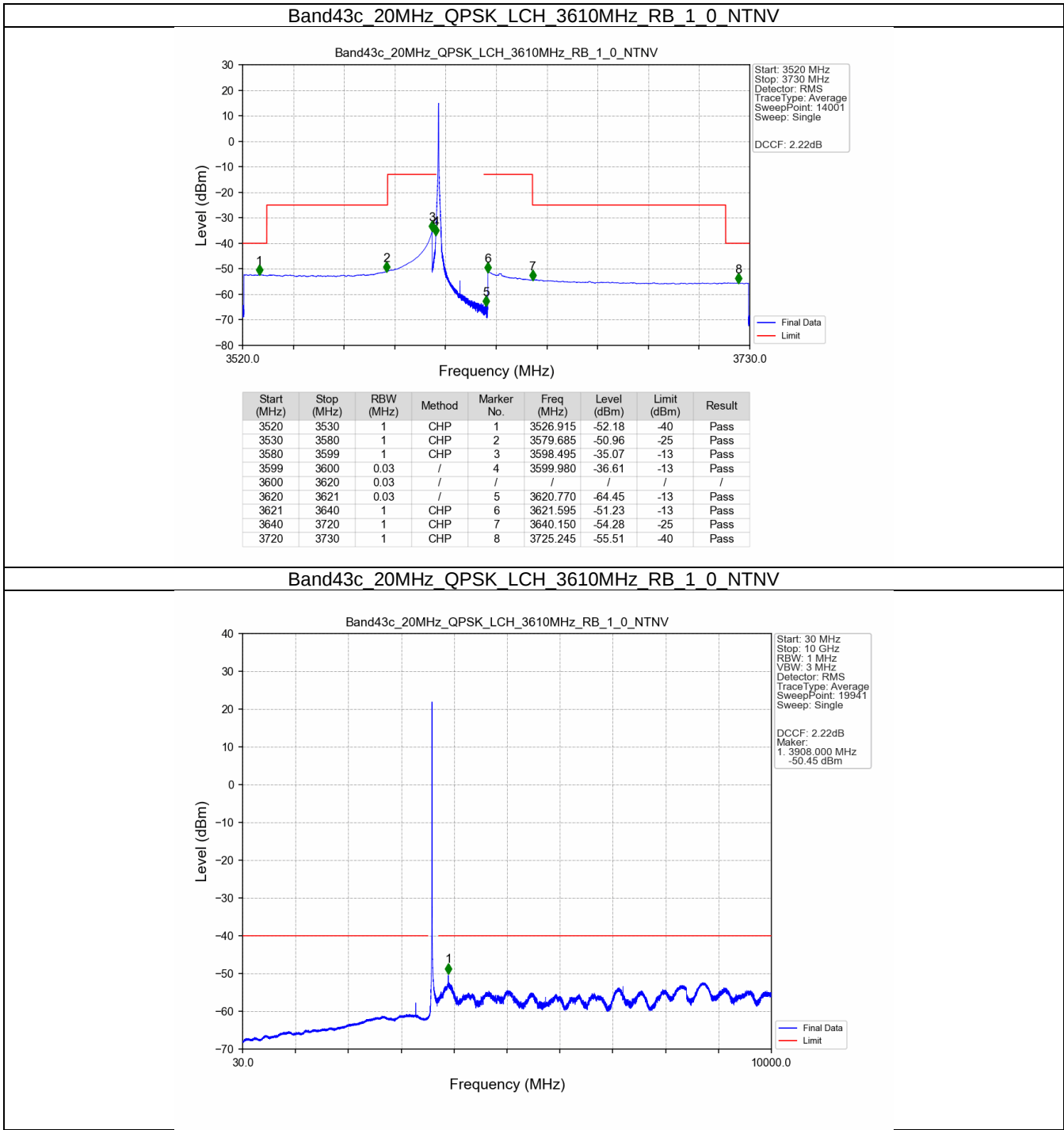
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3523.240	-52.61	-40	Pass
3530	3670	1	CHP	2	3531.355	-52.88	-25	Pass
3670	3684	1	CHP	3	3683.500	-46.62	-13	Pass
3684	3685	0.03	/	4	3684.835	-62.77	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.015	-34.76	-13	Pass
3701	3710	1	CHP	6	3701.500	-33.77	-13	Pass
3710	3720	1	CHP	7	3710.005	-47.22	-25	Pass
3720	3730	1	CHP	8	3720.010	-51.90	-40	Pass

Band43c 15MHz QPSK HCH 3692.5MHz RB 75 0 NTV

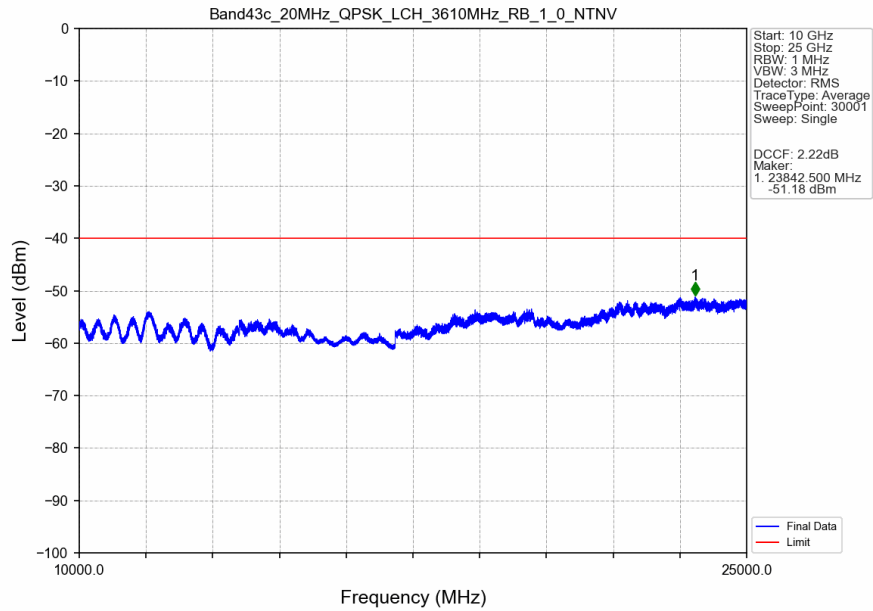


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3521.450	-52.61	-40	Pass
3530	3670	1	CHP	2	3670.000	-46.22	-25	Pass
3670	3684	1	CHP	3	3683.500	-26.78	-13	Pass
3684	3685	0.147	CHP	4	3684.950	-32.56	-13	Pass
3685	3700	0.147	CHP	/	/	/	/	/
3700	3701	0.147	CHP	5	3700.050	-32.81	-13	Pass
3701	3710	1	CHP	6	3701.500	-26.59	-13	Pass
3710	3720	1	CHP	7	3710.050	-35.40	-25	Pass
3720	3730	1	CHP	8	3720.050	-51.10	-40	Pass

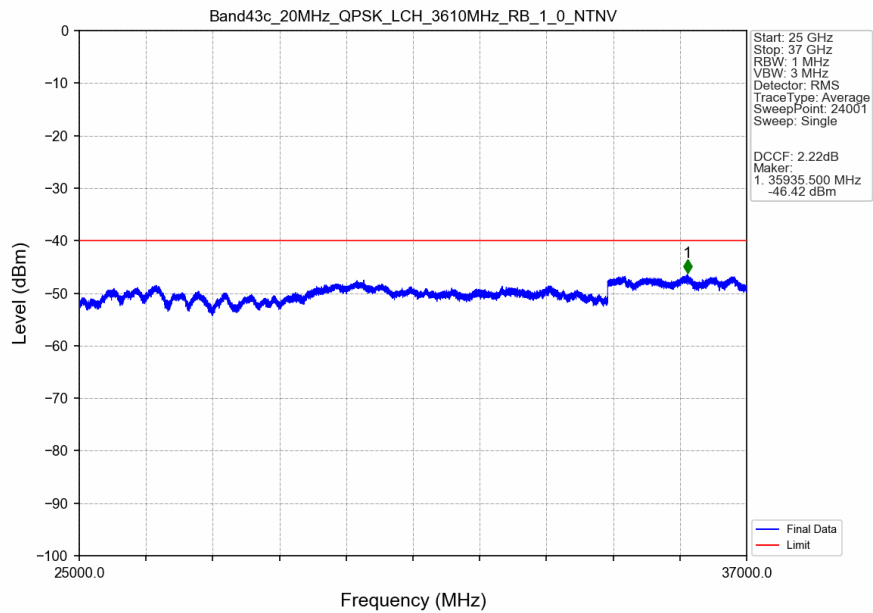
5.2.4 B43c_20MHz



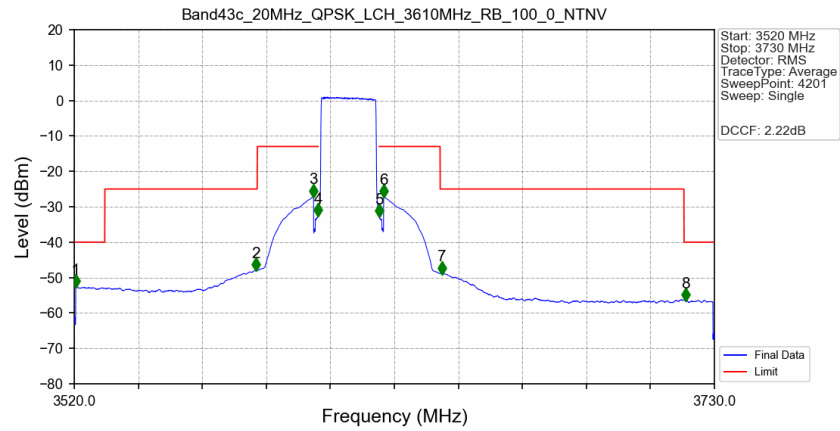
Band43c_20MHz_QPSK_LCH_3610MHz_RB_1_0_NTNV



Band43c_20MHz_QPSK_LCH_3610MHz_RB_1_0_NTNV

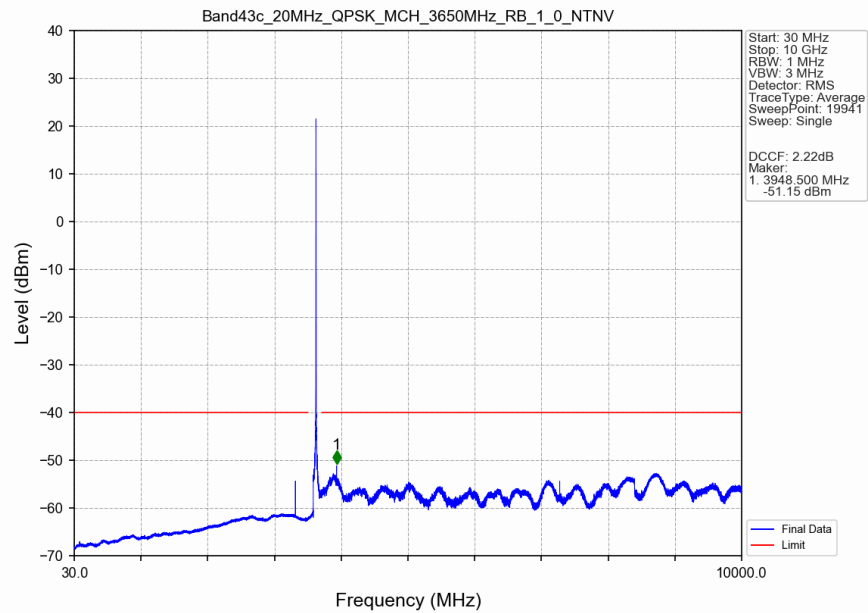


Band43c 20MHz QPSK LCH 3610MHz RB 100 0 NTV

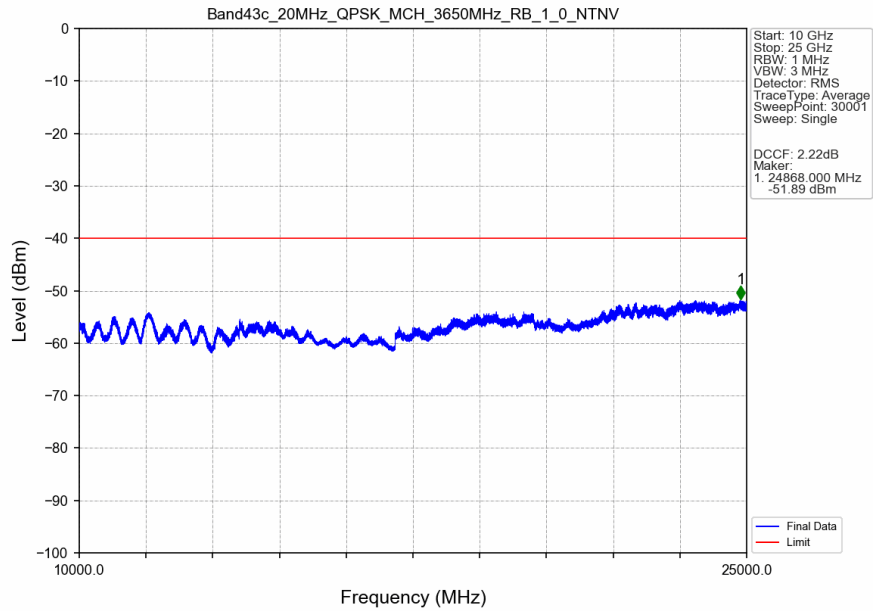


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.500	-52.52	-40	Pass
3530	3580	1	CHP	2	3579.550	-47.89	-25	Pass
3580	3599	1	CHP	3	3598.400	-27.05	-13	Pass
3599	3600	0.193	CHP	4	3599.950	-32.50	-13	Pass
3600	3620	0.193	CHP	/	/	/	/	/
3620	3621	0.193	CHP	5	3620.050	-32.73	-13	Pass
3621	3640	1	CHP	6	3621.500	-27.14	-13	Pass
3640	3720	1	CHP	7	3640.550	-48.81	-25	Pass
3720	3730	1	CHP	8	3720.500	-56.33	-40	Pass

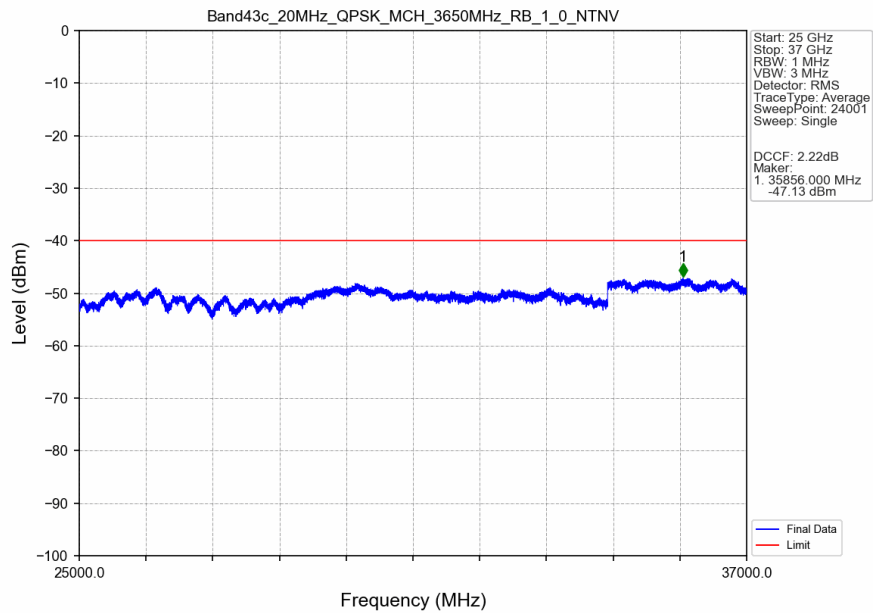
Band43c 20MHz QPSK MCH 3650MHz RB 1 0 NTV



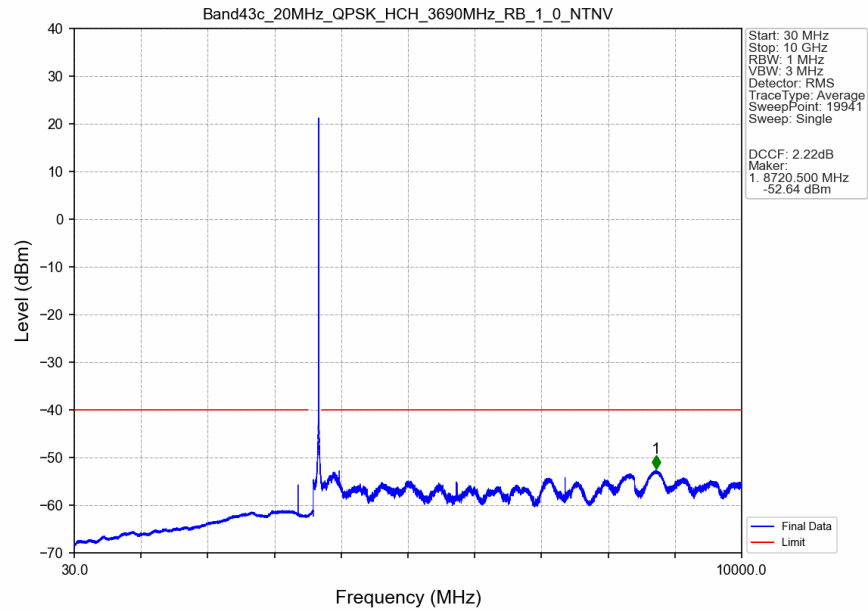
Band43c 20MHz QPSK MCH 3650MHz RB 1 0 NTNV



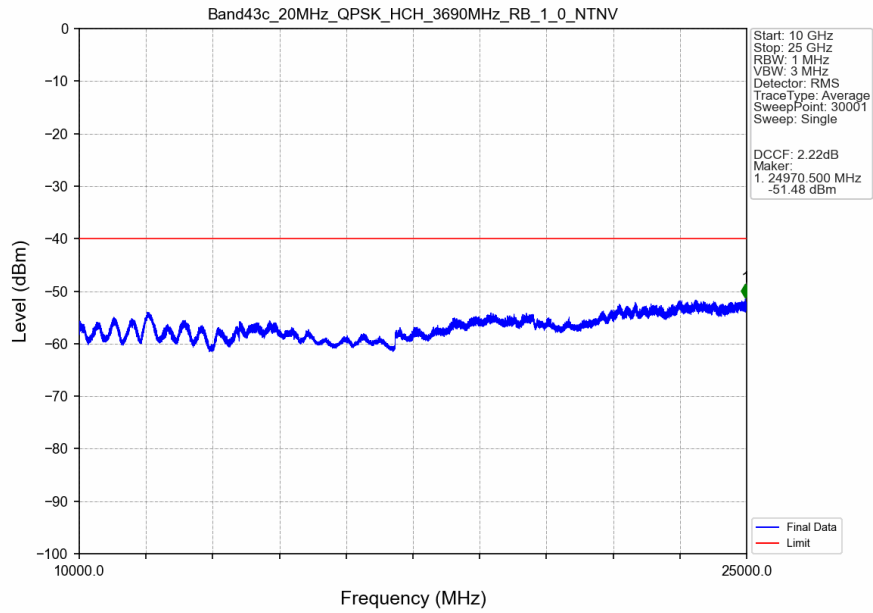
Band43c 20MHz QPSK MCH 3650MHz RB 1 0 NTNV



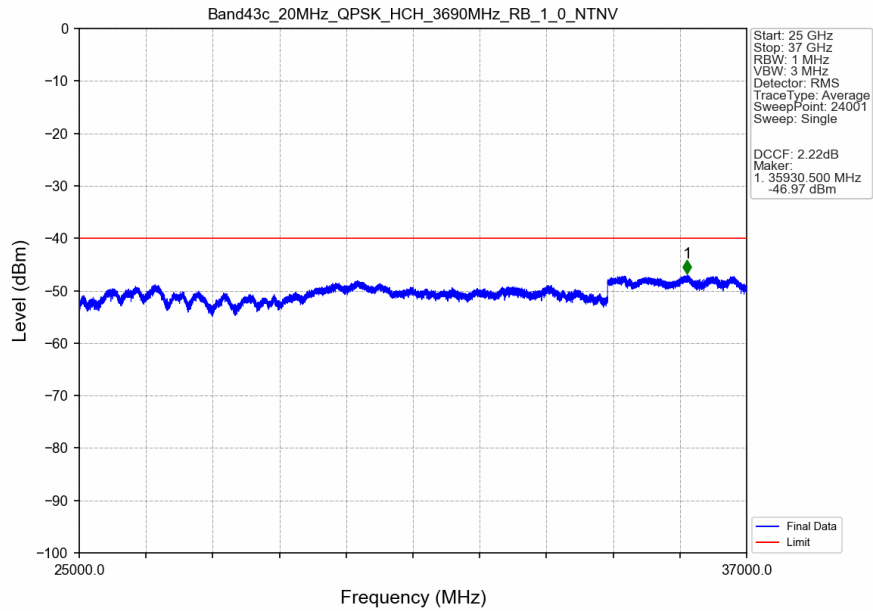
Band43c 20MHz QPSK HCH 3690MHz RB 1 0 NTV



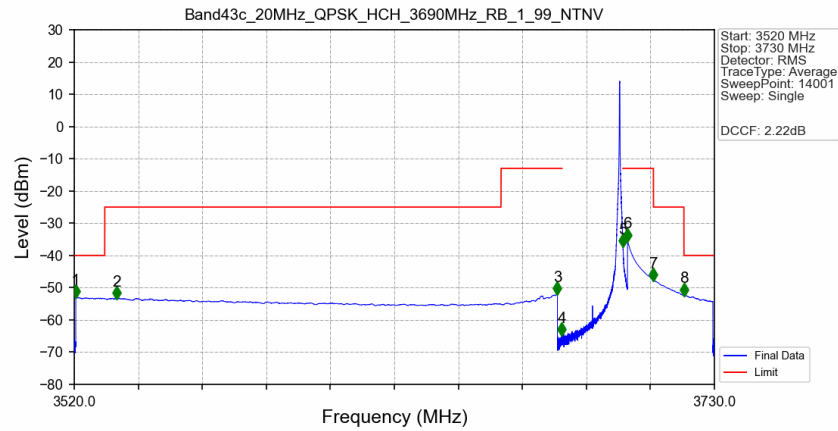
Band43c 20MHz QPSK HCH 3690MHz RB 1 0 NTV



Band43c 20MHz QPSK HCH 3690MHz RB 1 0 NTV

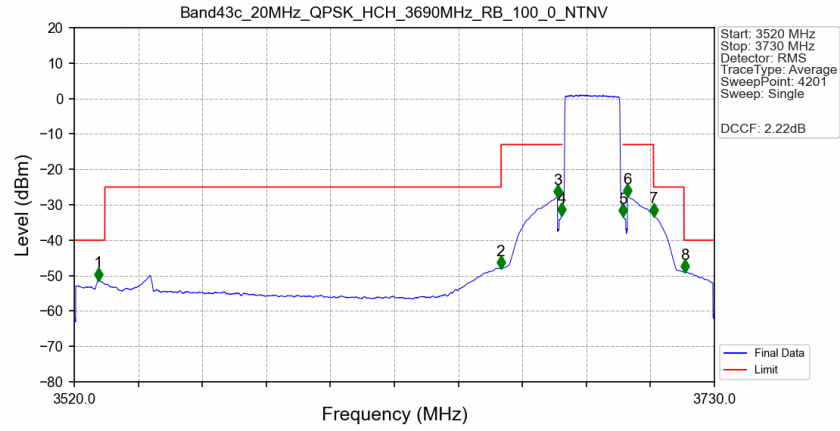


Band43c 20MHz QPSK HCH 3690MHz RB 1 99 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3520.510	-52.94	-40	Pass
3530	3660	1	CHP	2	3533.905	-53.26	-25	Pass
3660	3679	1	CHP	3	3678.490	-51.99	-13	Pass
3679	3680	0.03	/	4	3679.945	-64.64	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	5	3700.015	-37.09	-13	Pass
3701	3710	1	CHP	6	3701.500	-35.32	-13	Pass
3710	3720	1	CHP	7	3710.005	-47.62	-25	Pass
3720	3730	1	CHP	8	3720.010	-52.25	-40	Pass

Band43c 20MHz QPSK HCH 3690MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3530	1	CHP	1	3527.950	-51.17	-40	Pass
3530	3660	1	CHP	2	3659.900	-47.81	-25	Pass
3660	3679	1	CHP	3	3678.500	-27.71	-13	Pass
3679	3680	0.193	CHP	4	3679.950	-32.92	-13	Pass
3680	3700	0.193	CHP	/	/	/	/	/
3700	3701	0.193	CHP	5	3700.050	-33.16	-13	Pass
3701	3710	1	CHP	6	3701.500	-27.50	-13	Pass
3710	3720	1	CHP	7	3710.050	-32.99	-25	Pass
3720	3730	1	CHP	8	3720.250	-48.94	-40	Pass

6. Adjacent Channel Leakage Ratio

6.1 Test Result

6.1.1 B43c_5MHz

Band: 43c / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3602.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	3602.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	3602.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B43c_10MHz

Band: 43c / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3605	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3695	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	3605	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

64QAM	3695	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	3605	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	3650	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	3695	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

6.1.3 B43c_15MHz

Band: 43c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3607.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3692.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	3607.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3692.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
64QAM	3607.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3692.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

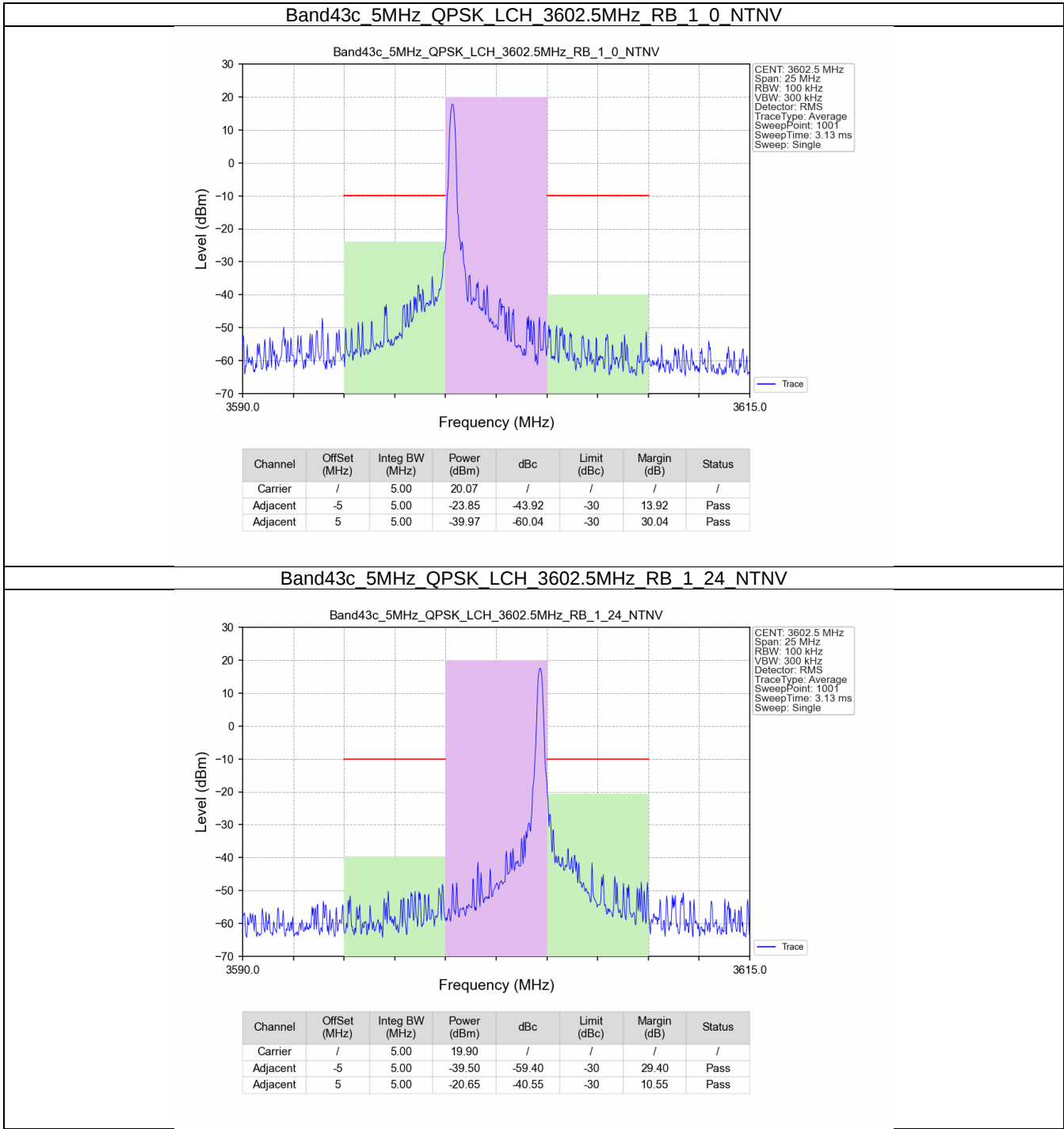
6.1.4 B43c_20MHz

Band: 43c / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3610	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass

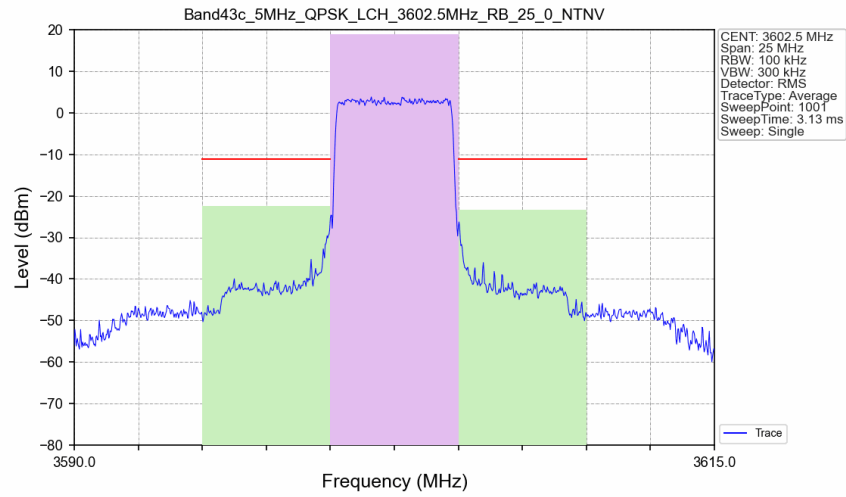
	3690	100	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
16QAM	3610	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	3650	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	3690	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
64QAM	3610	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	3650	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	3690	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

6.2.1 B43c_5MHz

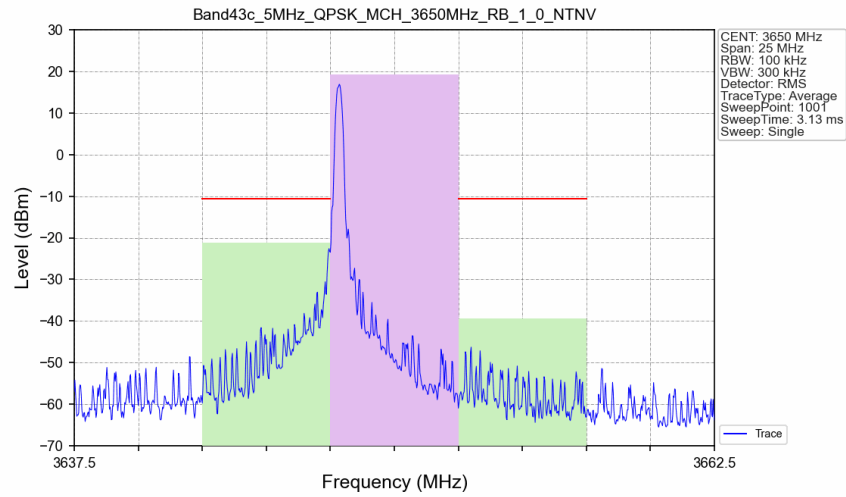


Band43c 5MHz QPSK LCH 3602.5MHz RB 25 0 NTNV



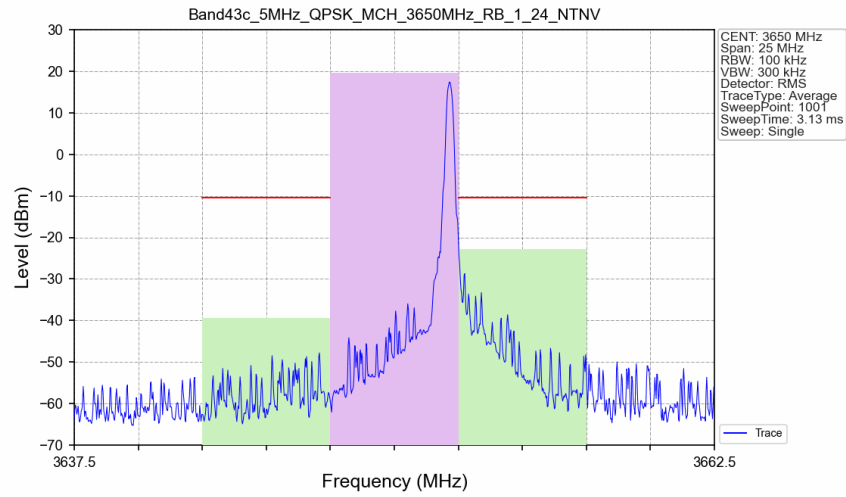
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.92	/	/	/	/
Adjacent	-5	5.00	-22.50	-41.42	-30	11.42	Pass
Adjacent	5	5.00	-23.39	-42.31	-30	12.31	Pass

Band43c 5MHz QPSK MCH 3650MHz RB 1 0 NTNV



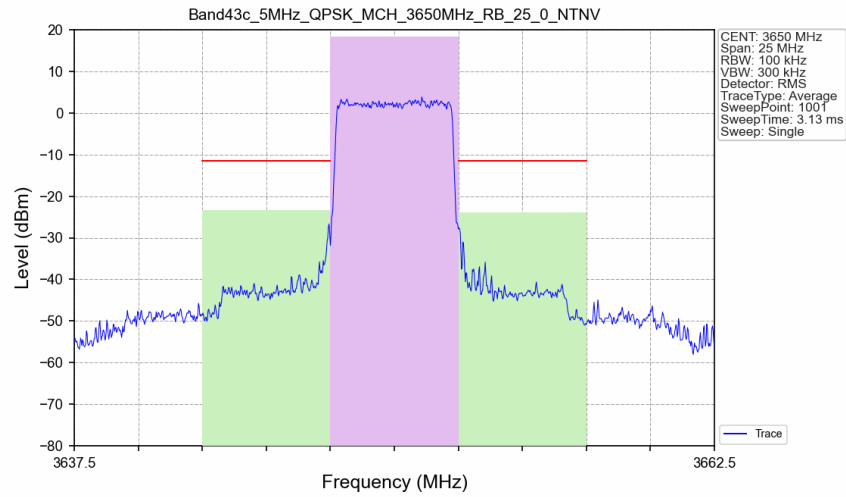
Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	19.30	/	/	/	/
Adjacent	-5	5.00	-21.19	-40.49	-30	10.49	Pass
Adjacent	5	5.00	-39.39	-58.69	-30	28.69	Pass

Band43c 5MHz QPSK MCH 3650MHz RB 1 24 NTV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	19.60	/	/	/	/
Adjacent	-5	5.00	-39.41	-59.01	-30	29.01	Pass
Adjacent	5	5.00	-22.86	-42.46	-30	12.46	Pass

Band43c 5MHz QPSK MCH 3650MHz RB 25 0 NTV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	18.44	/	/	/	/
Adjacent	-5	5.00	-23.33	-41.77	-30	11.77	Pass
Adjacent	5	5.00	-23.81	-42.25	-30	12.25	Pass