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# Appendix B.16

## LTE Band 42(3550-3600)



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## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1 B42c\_5MHz\_EIRP

#### 1.1.1 Test Result

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	21.65	-3.6	18.05	<=23	Pass		
			13	21.17	-3.6	17.57	<=23	Pass		
			24	21.39	-3.6	17.79	<=23	Pass		
		12	0	20.41	-3.6	16.81	<=23	Pass		
			6	20.32	-3.6	16.72	<=23	Pass		
			13	20.39	-3.6	16.79	<=23	Pass		
		25	0	20.49	-3.6	16.89	<=23	Pass		
		3575	1	0	19.44	-3.6	15.84	<=23	Pass	
				13	21.54	-3.6	17.94	<=23	Pass	
	24			21.53	-3.6	17.93	<=23	Pass		
	12		0	20.48	-3.6	16.88	<=23	Pass		
			6	20.42	-3.6	16.82	<=23	Pass		
			13	20.42	-3.6	16.82	<=23	Pass		
	25		0	20.26	-3.6	16.66	<=23	Pass		
	3597.5		1	0	19.39	-3.6	15.79	<=23	Pass	
				13	19.32	-3.6	15.72	<=23	Pass	
		24		19.70	-3.6	16.1	<=23	Pass		
		12	0	19.93	-3.6	16.33	<=23	Pass		
			6	19.70	-3.6	16.1	<=23	Pass		
			13	21.51	-3.6	17.91	<=23	Pass		
		25	0	20.30	-3.6	16.7	<=23	Pass		
		16QAM	3552.5	1	0	20.57	-3.6	16.97	<=23	Pass
					13	20.46	-3.6	16.86	<=23	Pass
	24				20.97	-3.6	17.37	<=23	Pass	
12	0			19.59	-3.6	15.99	<=23	Pass		
	6			19.38	-3.6	15.78	<=23	Pass		
	13			19.27	-3.6	15.67	<=23	Pass		
25	0			19.68	-3.6	16.08	<=23	Pass		
3575	1			0	20.30	-3.6	16.7	<=23	Pass	
				13	20.79	-3.6	17.19	<=23	Pass	
			24	20.37	-3.6	16.77	<=23	Pass		
	12		0	19.57	-3.6	15.97	<=23	Pass		
			6	19.14	-3.6	15.54	<=23	Pass		



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	3597.5	1	13	19.20	-3.6	15.6	<=23	Pass		
			25	0	19.39	-3.6	15.79	<=23	Pass	
			0	20.52	-3.6	16.92	<=23	Pass		
		12	13	20.32	-3.6	16.72	<=23	Pass		
			24	20.28	-3.6	16.68	<=23	Pass		
			0	19.03	-3.6	15.43	<=23	Pass		
		25	6	19.66	-3.6	16.06	<=23	Pass		
			13	19.56	-3.6	15.96	<=23	Pass		
			0	20.12	-3.6	16.52	<=23	Pass		
		64QAM	3552.5	1	0	19.66	-3.6	16.06	<=23	Pass
					13	19.65	-3.6	16.05	<=23	Pass
					24	19.26	-3.6	15.66	<=23	Pass
12	0			18.21	-3.6	14.61	<=23	Pass		
	6			18.56	-3.6	14.96	<=23	Pass		
	13			18.26	-3.6	14.66	<=23	Pass		
25	0			18.06	-3.6	14.46	<=23	Pass		
3575	1			0	19.14	-3.6	15.54	<=23	Pass	
				13	19.42	-3.6	15.82	<=23	Pass	
			24	19.76	-3.6	16.16	<=23	Pass		
	12		0	18.37	-3.6	14.77	<=23	Pass		
			6	18.54	-3.6	14.94	<=23	Pass		
			13	18.51	-3.6	14.91	<=23	Pass		
	25		0	18.37	-3.6	14.77	<=23	Pass		
	3597.5		1	0	19.42	-3.6	15.82	<=23	Pass	
				13	19.81	-3.6	16.21	<=23	Pass	
24				16.30	-3.6	12.7	<=23	Pass		
12			0	18.28	-3.6	14.68	<=23	Pass		
			6	18.22	-3.6	14.62	<=23	Pass		
			13	18.34	-3.6	14.74	<=23	Pass		
25			0	18.95	-3.6	15.35	<=23	Pass		
256QAM			3552.5	1	0	16.28	-3.6	12.68	<=23	Pass
					13	16.46	-3.6	12.86	<=23	Pass
	24				16.41	-3.6	12.81	<=23	Pass	
	12	0		16.26	-3.6	12.66	<=23	Pass		
		6		16.50	-3.6	12.9	<=23	Pass		
		13		16.21	-3.6	12.61	<=23	Pass		
	25	0		16.11	-3.6	12.51	<=23	Pass		
	3575	1		0	16.24	-3.6	12.64	<=23	Pass	
				13	16.50	-3.6	12.9	<=23	Pass	
			24	16.17	-3.6	12.57	<=23	Pass		
		12	0	16.29	-3.6	12.69	<=23	Pass		
			6	16.89	-3.6	13.29	<=23	Pass		
			13	16.45	-3.6	12.85	<=23	Pass		



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3597.5	25	0	16.51	-3.6	12.91	<=23	Pass	
	1	0	13.92	-3.6	10.32	<=23	Pass	
		13	17.49	-3.6	13.89	<=23	Pass	
		24	13.74	-3.6	10.14	<=23	Pass	
	12	0	17.16	-3.6	13.56	<=23	Pass	
		6	16.20	-3.6	12.6	<=23	Pass	
		13	17.27	-3.6	13.67	<=23	Pass	
	25	0	16.20	-3.6	12.6	<=23	Pass	
	Note1: EIRP/10MHz=Conducted Power+Antenna Gain							



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1.2 B42c\_10MHz\_EIRP

1.2.1 Test Result

Band: 42c / Bandwidth: 10MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm/10MHz)	Gain (dBi)	EIRP/10MHz (dBm/10MHz)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3555	1	0	21.87	-3.6	18.27	<=23	Pass		
			25	21.88	-3.6	18.28	<=23	Pass		
			49	21.53	-3.6	17.93	<=23	Pass		
		25	0	20.75	-3.6	17.15	<=23	Pass		
			13	20.73	-3.6	17.13	<=23	Pass		
			25	20.81	-3.6	17.21	<=23	Pass		
		50	0	20.49	-3.6	16.89	<=23	Pass		
		3575	1	0	21.57	-3.6	17.97	<=23	Pass	
				25	21.37	-3.6	17.77	<=23	Pass	
	49			21.72	-3.6	18.12	<=23	Pass		
	25		0	19.74	-3.6	16.14	<=23	Pass		
			13	19.80	-3.6	16.2	<=23	Pass		
			25	20.54	-3.6	16.94	<=23	Pass		
	50		0	20.19	-3.6	16.59	<=23	Pass		
	3595		1	0	19.49	-3.6	15.89	<=23	Pass	
				25	19.62	-3.6	16.02	<=23	Pass	
		49		21.95	-3.6	18.35	<=23	Pass		
		25	0	19.66	-3.6	16.06	<=23	Pass		
			13	19.48	-3.6	15.88	<=23	Pass		
			25	21.33	-3.6	17.73	<=23	Pass		
		50	0	20.96	-3.6	17.36	<=23	Pass		
		16QAM	3555	1	0	20.75	-3.6	17.15	<=23	Pass
					25	20.57	-3.6	16.97	<=23	Pass
	49				20.68	-3.6	17.08	<=23	Pass	
25	0			19.50	-3.6	15.9	<=23	Pass		
	13			19.67	-3.6	16.07	<=23	Pass		
	25			19.77	-3.6	16.17	<=23	Pass		
50	0			19.77	-3.6	16.17	<=23	Pass		
3575	1			0	19.86	-3.6	16.26	<=23	Pass	
				25	19.83	-3.6	16.23	<=23	Pass	
			49	20.82	-3.6	17.22	<=23	Pass		
	25		0	19.80	-3.6	16.2	<=23	Pass		
			13	19.72	-3.6	16.12	<=23	Pass		



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	3595	50	25	19.84	-3.6	16.24	<=23	Pass	
			0	19.50	-3.6	15.9	<=23	Pass	
		1	0	19.66	-3.6	16.06	<=23	Pass	
			25	19.70	-3.6	16.1	<=23	Pass	
			49	20.88	-3.6	17.28	<=23	Pass	
			0	19.70	-3.6	16.1	<=23	Pass	
	25	13	19.62	-3.6	16.02	<=23	Pass		
		25	20.44	-3.6	16.84	<=23	Pass		
	50	0	19.34	-3.6	15.74	<=23	Pass		
	64QAM	3555	1	0	19.66	-3.6	16.06	<=23	Pass
				25	19.63	-3.6	16.03	<=23	Pass
				49	20.00	-3.6	16.4	<=23	Pass
25			0	18.55	-3.6	14.95	<=23	Pass	
			13	18.45	-3.6	14.85	<=23	Pass	
			25	18.69	-3.6	15.09	<=23	Pass	
50		0	18.75	-3.6	15.15	<=23	Pass		
3575		1	0	19.81	-3.6	16.21	<=23	Pass	
			25	19.70	-3.6	16.1	<=23	Pass	
			49	17.66	-3.6	14.06	<=23	Pass	
		25	0	19.86	-3.6	16.26	<=23	Pass	
			13	19.59	-3.6	15.99	<=23	Pass	
			25	18.87	-3.6	15.27	<=23	Pass	
50		0	18.58	-3.6	14.98	<=23	Pass		
3595		1	0	19.57	-3.6	15.97	<=23	Pass	
			25	19.46	-3.6	15.86	<=23	Pass	
			49	20.00	-3.6	16.4	<=23	Pass	
		25	0	19.72	-3.6	16.12	<=23	Pass	
			13	19.42	-3.6	15.82	<=23	Pass	
			25	19.01	-3.6	15.41	<=23	Pass	
50		0	18.98	-3.6	15.38	<=23	Pass		
256QAM		3555	1	0	16.54	-3.6	12.94	<=23	Pass
				25	16.83	-3.6	13.23	<=23	Pass
				49	16.98	-3.6	13.38	<=23	Pass
	25		0	16.46	-3.6	12.86	<=23	Pass	
			13	16.61	-3.6	13.01	<=23	Pass	
			25	16.78	-3.6	13.18	<=23	Pass	
	50	0	16.52	-3.6	12.92	<=23	Pass		
	3575	1	0	16.50	-3.6	12.9	<=23	Pass	
			25	16.71	-3.6	13.11	<=23	Pass	
			49	16.21	-3.6	12.61	<=23	Pass	
		25	0	16.53	-3.6	12.93	<=23	Pass	
			13	16.76	-3.6	13.16	<=23	Pass	
			25	16.65	-3.6	13.05	<=23	Pass	



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	3595	50	0	16.64	-3.6	13.04	<=23	Pass		
		1	0	16.52	-3.6	12.92	<=23	Pass		
			25	16.41	-3.6	12.81	<=23	Pass		
			49	16.86	-3.6	13.26	<=23	Pass		
		25	0	16.48	-3.6	12.88	<=23	Pass		
			13	16.77	-3.6	13.17	<=23	Pass		
			25	16.55	-3.6	12.95	<=23	Pass		
		50	0	16.70	-3.6	13.1	<=23	Pass		
		Note1: EIRP/10MHz=Conducted Power+Antenna Gain								



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## 1.3 B42c\_15MHz\_EIRP

### 1.3.1 Test Result

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	21.39	-3.6	17.79	<=23	Pass		
			38	21.37	-3.6	17.77	<=23	Pass		
			74	21.44	-3.6	17.84	<=23	Pass		
		36	0	20.56	-3.6	16.96	<=23	Pass		
			18	20.28	-3.6	16.68	<=23	Pass		
			39	20.54	-3.6	16.94	<=23	Pass		
		75	0	19.20	-3.6	15.6	<=23	Pass		
		3575	1	0	21.54	-3.6	17.94	<=23	Pass	
				38	21.40	-3.6	17.8	<=23	Pass	
	74			21.43	-3.6	17.83	<=23	Pass		
	36		0	20.47	-3.6	16.87	<=23	Pass		
			18	20.47	-3.6	16.87	<=23	Pass		
			39	20.44	-3.6	16.84	<=23	Pass		
	75		0	19.38	-3.6	15.78	<=23	Pass		
	3592.5		1	0	22.00	-3.6	18.4	<=23	Pass	
				38	21.87	-3.6	18.27	<=23	Pass	
		74		21.62	-3.6	18.02	<=23	Pass		
		36	0	20.54	-3.6	16.94	<=23	Pass		
			18	20.80	-3.6	17.2	<=23	Pass		
			39	21.43	-3.6	17.83	<=23	Pass		
		75	0	19.58	-3.6	15.98	<=23	Pass		
		16QAM	3557.5	1	0	20.54	-3.6	16.94	<=23	Pass
					38	20.39	-3.6	16.79	<=23	Pass
	74				20.97	-3.6	17.37	<=23	Pass	
36	0			19.45	-3.6	15.85	<=23	Pass		
	18			19.16	-3.6	15.56	<=23	Pass		
	39			19.39	-3.6	15.79	<=23	Pass		
75	0		18.14	-3.6	14.54	<=23	Pass			
3575	1		0	20.68	-3.6	17.08	<=23	Pass		
			38	20.67	-3.6	17.07	<=23	Pass		
			74	20.83	-3.6	17.23	<=23	Pass		
	36		0	19.52	-3.6	15.92	<=23	Pass		
			18	19.34	-3.6	15.74	<=23	Pass		



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	3592.5	1	39	19.45	-3.6	15.85	<=23	Pass		
			75	0	18.17	-3.6	14.57	<=23	Pass	
			0	20.78	-3.6	17.18	<=23	Pass		
		36	38	21.31	-3.6	17.71	<=23	Pass		
			74	20.80	-3.6	17.2	<=23	Pass		
			0	20.04	-3.6	16.44	<=23	Pass		
		75	18	19.59	-3.6	15.99	<=23	Pass		
			39	20.14	-3.6	16.54	<=23	Pass		
			0	18.56	-3.6	14.96	<=23	Pass		
		64QAM	3557.5	1	0	20.08	-3.6	16.48	<=23	Pass
					38	19.11	-3.6	15.51	<=23	Pass
					74	19.14	-3.6	15.54	<=23	Pass
36	0			18.51	-3.6	14.91	<=23	Pass		
	18			18.59	-3.6	14.99	<=23	Pass		
	39			18.28	-3.6	14.68	<=23	Pass		
75	0			17.22	-3.6	13.62	<=23	Pass		
	1			0	19.65	-3.6	16.05	<=23	Pass	
				38	19.71	-3.6	16.11	<=23	Pass	
74			19.41	-3.6	15.81	<=23	Pass			
36	0		18.55	-3.6	14.95	<=23	Pass			
	18		18.49	-3.6	14.89	<=23	Pass			
	39		18.38	-3.6	14.78	<=23	Pass			
3592.5	75		0	17.20	-3.6	13.6	<=23	Pass		
			1	0	19.71	-3.6	16.11	<=23	Pass	
				38	19.86	-3.6	16.26	<=23	Pass	
	74			20.08	-3.6	16.48	<=23	Pass		
	36		0	18.72	-3.6	15.12	<=23	Pass		
			18	18.86	-3.6	15.26	<=23	Pass		
			39	18.72	-3.6	15.12	<=23	Pass		
	75		0	17.55	-3.6	13.95	<=23	Pass		
			256QAM	3557.5	1	0	16.09	-3.6	12.49	<=23
38						16.65	-3.6	13.05	<=23	Pass
74	16.52					-3.6	12.92	<=23	Pass	
36	0	16.54			-3.6	12.94	<=23	Pass		
	18	16.31			-3.6	12.71	<=23	Pass		
	39	16.53			-3.6	12.93	<=23	Pass		
3575	75	0		15.05	-3.6	11.45	<=23	Pass		
		1		0	16.66	-3.6	13.06	<=23	Pass	
				38	16.47	-3.6	12.87	<=23	Pass	
	74			14.56	-3.6	10.96	<=23	Pass		
	36	0		16.75	-3.6	13.15	<=23	Pass		
		18		16.70	-3.6	13.1	<=23	Pass		
39		16.55	-3.6	12.95	<=23	Pass				



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		75	0	15.37	-3.6	11.77	<=23	Pass
	3592.5	1	0	17.07	-3.6	13.47	<=23	Pass
			38	16.99	-3.6	13.39	<=23	Pass
			74	16.93	-3.6	13.33	<=23	Pass
		36	0	16.84	-3.6	13.24	<=23	Pass
			18	16.75	-3.6	13.15	<=23	Pass
			39	16.79	-3.6	13.19	<=23	Pass
		75	0	15.80	-3.6	12.2	<=23	Pass

Note1: EIRP/10MHz=Conducted Power+Antenna Gain



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1.4 B42c\_20MHz\_EIRP

1.4.1 Test Result

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	21.83	-3.6	18.23	<=23	Pass	
			50	21.74	-3.6	18.14	<=23	Pass	
			99	21.68	-3.6	18.08	<=23	Pass	
		50	0	20.79	-3.6	17.19	<=23	Pass	
			25	20.74	-3.6	17.14	<=23	Pass	
			50	20.58	-3.6	16.98	<=23	Pass	
	100	0	18.14	-3.6	14.54	<=23	Pass		
	3575	1	0	21.76	-3.6	18.16	<=23	Pass	
			50	21.77	-3.6	18.17	<=23	Pass	
			99	21.71	-3.6	18.11	<=23	Pass	
		50	0	20.83	-3.6	17.23	<=23	Pass	
			25	20.92	-3.6	17.32	<=23	Pass	
			50	20.84	-3.6	17.24	<=23	Pass	
	100	0	18.12	-3.6	14.52	<=23	Pass		
	3590	1	0	19.74	-3.6	16.14	<=23	Pass	
			50	21.92	-3.6	18.32	<=23	Pass	
			99	14.32	-3.6	10.72	<=23	Pass	
		50	0	21.35	-3.6	17.75	<=23	Pass	
			25	21.00	-3.6	17.4	<=23	Pass	
			50	20.94	-3.6	17.34	<=23	Pass	
	100	0	18.55	-3.6	14.95	<=23	Pass		
	16QAM	3560	1	0	20.74	-3.6	17.14	<=23	Pass
				50	20.94	-3.6	17.34	<=23	Pass
				99	20.80	-3.6	17.2	<=23	Pass
50			0	19.46	-3.6	15.86	<=23	Pass	
			25	19.92	-3.6	16.32	<=23	Pass	
			50	15.99	-3.6	12.39	<=23	Pass	
100		0	17.02	-3.6	13.42	<=23	Pass		
3575		1	0	20.99	-3.6	17.39	<=23	Pass	
			50	21.14	-3.6	17.54	<=23	Pass	
			99	20.23	-3.6	16.63	<=23	Pass	
		50	0	19.86	-3.6	16.26	<=23	Pass	
			25	16.92	-3.6	13.32	<=23	Pass	



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	3590	100	50	20.36	-3.6	16.76	<=23	Pass		
			0	17.50	-3.6	13.9	<=23	Pass		
			0	20.74	-3.6	17.14	<=23	Pass		
		50	1	50	20.31	-3.6	16.71	<=23	Pass	
				99	20.78	-3.6	17.18	<=23	Pass	
				0	19.98	-3.6	16.38	<=23	Pass	
			50	25	19.94	-3.6	16.34	<=23	Pass	
				50	20.38	-3.6	16.78	<=23	Pass	
				100	0	17.46	-3.6	13.86	<=23	Pass
		64QAM	3560	1	0	19.41	-3.6	15.81	<=23	Pass
					50	19.72	-3.6	16.12	<=23	Pass
					99	19.54	-3.6	15.94	<=23	Pass
50	0			18.86	-3.6	15.26	<=23	Pass		
	25			18.79	-3.6	15.19	<=23	Pass		
	50			18.83	-3.6	15.23	<=23	Pass		
100	0			15.98	-3.6	12.38	<=23	Pass		
3575	1			0	19.99	-3.6	16.39	<=23	Pass	
				50	20.20	-3.6	16.6	<=23	Pass	
			99	19.81	-3.6	16.21	<=23	Pass		
	50		0	18.86	-3.6	15.26	<=23	Pass		
			25	18.76	-3.6	15.16	<=23	Pass		
			50	19.02	-3.6	15.42	<=23	Pass		
100	0		16.30	-3.6	12.7	<=23	Pass			
3590	1		0	19.95	-3.6	16.35	<=23	Pass		
			50	19.80	-3.6	16.2	<=23	Pass		
			99	19.51	-3.6	15.91	<=23	Pass		
	50		0	18.98	-3.6	15.38	<=23	Pass		
			25	18.91	-3.6	15.31	<=23	Pass		
			50	18.69	-3.6	15.09	<=23	Pass		
	100		0	16.56	-3.6	12.96	<=23	Pass		
	256QAM		3560	1	0	16.62	-3.6	13.02	<=23	Pass
					50	16.97	-3.6	13.37	<=23	Pass
99					16.49	-3.6	12.89	<=23	Pass	
50		0		16.85	-3.6	13.25	<=23	Pass		
		25		16.94	-3.6	13.34	<=23	Pass		
		50		16.68	-3.6	13.08	<=23	Pass		
100		0	14.20	-3.6	10.6	<=23	Pass			
3575		1	0	16.60	-3.6	13	<=23	Pass		
			50	17.00	-3.6	13.4	<=23	Pass		
			99	17.30	-3.6	13.7	<=23	Pass		
		50	0	11.40	-3.6	7.8	<=23	Pass		
			25	17.01	-3.6	13.41	<=23	Pass		
			50	16.90	-3.6	13.3	<=23	Pass		



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	3590	100	0	13.97	-3.6	10.37	<=23	Pass		
		1	0	17.08	-3.6	13.48	<=23	Pass		
			50	17.08	-3.6	13.48	<=23	Pass		
			99	17.01	-3.6	13.41	<=23	Pass		
		50	0	16.99	-3.6	13.39	<=23	Pass		
			25	10.62	-3.6	7.02	<=23	Pass		
			50	10.47	-3.6	6.87	<=23	Pass		
		100	0	8.23	-3.6	4.63	<=23	Pass		
		Note1: EIRP/10MHz=Conducted Power+Antenna Gai								



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2. Frequency Stability

2.1 B42c\_5MHz

2.1.1 Test Result

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	3.55	23.360	0.0066	/	Pass	
					4.0	25.449	0.0072	/	Pass	
					4.4	24.891	0.0070	/	Pass	
				-30	4.0	24.219	0.0068	/	Pass	
					-20	4.0	24.605	0.0069	/	Pass
					-10	4.0	19.770	0.0056	/	Pass
				0	4.0	22.774	0.0064	/	Pass	
					10	4.0	25.949	0.0073	/	Pass
					30	4.0	22.831	0.0064	/	Pass
	40	4.0	19.870		0.0056	/	Pass			
	50	4.0	24.290		0.0068	/	Pass			
	3575	25	0	20	3.55	26.422	0.0074	/	Pass	
					4.0	30.470	0.0085	/	Pass	
					4.4	24.862	0.0070	/	Pass	
				-30	4.0	29.125	0.0081	/	Pass	
					-20	4.0	25.406	0.0071	/	Pass
					-10	4.0	21.415	0.0060	/	Pass
				0	4.0	31.371	0.0088	/	Pass	
					10	4.0	26.579	0.0074	/	Pass
					30	4.0	33.188	0.0093	/	Pass
	40	4.0	35.863		0.0100	/	Pass			
	50	4.0	28.539		0.0080	/	Pass			
	3597.5	25	0	20	3.55	27.094	0.0075	/	Pass	
					4.0	24.519	0.0068	/	Pass	
					4.4	31.042	0.0086	/	Pass	
				-30	4.0	22.631	0.0063	/	Pass	
					-20	4.0	24.776	0.0069	/	Pass
-10					4.0	24.519	0.0068	/	Pass	
0				4.0	26.565	0.0074	/	Pass		
				10	4.0	21.486	0.0060	/	Pass	
				30	4.0	24.076	0.0067	/	Pass	
	40	4.0	26.450	0.0074	/	Pass				
	50	4.0	22.430	0.0062	/	Pass				



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16QAM	3552.5	25	0	20	3.55	24.633	0.0069	/	Pass	
					4.0	28.281	0.0080	/	Pass	
					4.4	27.008	0.0076	/	Pass	
				-30	4.0	30.484	0.0086	/	Pass	
					-20	4.0	24.476	0.0069	/	Pass
						4.0	24.233	0.0068	/	Pass
				0	4.0	25.377	0.0071	/	Pass	
					4.0	25.735	0.0072	/	Pass	
				30	4.0	25.220	0.0071	/	Pass	
	40	4.0	22.531	0.0063	/	Pass				
	50	4.0	26.021	0.0073	/	Pass				
	3575	25	0	20	3.55	27.967	0.0078	/	Pass	
					4.0	31.557	0.0088	/	Pass	
					4.4	34.404	0.0096	/	Pass	
				-30	4.0	30.813	0.0086	/	Pass	
					-20	4.0	29.869	0.0084	/	Pass
						4.0	29.426	0.0082	/	Pass
				0	4.0	28.338	0.0079	/	Pass	
					4.0	34.404	0.0096	/	Pass	
				30	4.0	26.894	0.0075	/	Pass	
	40	4.0	27.795	0.0078	/	Pass				
	50	4.0	28.739	0.0080	/	Pass				
	3597.5	25	0	20	3.55	25.921	0.0072	/	Pass	
					4.0	25.835	0.0072	/	Pass	
					4.4	22.659	0.0063	/	Pass	
				-30	4.0	26.765	0.0074	/	Pass	
					-20	4.0	28.210	0.0078	/	Pass
4.0						21.343	0.0059	/	Pass	
0				4.0	32.573	0.0091	/	Pass		
				4.0	32.372	0.0090	/	Pass		
30				4.0	23.232	0.0065	/	Pass		
40	4.0	21.873	0.0061	/	Pass					
50	4.0	30.298	0.0084	/	Pass					
64QAM	3552.5	25	0	20	3.55	19.584	0.0055	/	Pass	
					4.0	22.745	0.0064	/	Pass	
					4.4	20.900	0.0059	/	Pass	
				-30	4.0	26.879	0.0076	/	Pass	
					-20	4.0	26.593	0.0075	/	Pass
						4.0	23.818	0.0067	/	Pass
				0	4.0	21.172	0.0060	/	Pass	
					4.0	24.090	0.0068	/	Pass	
				30	4.0	19.999	0.0056	/	Pass	
40	4.0	21.114	0.0059	/	Pass					



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	3575	25	0	50	4.0	23.189	0.0065	/	Pass
				20	3.55	22.473	0.0063	/	Pass
					4.0	29.769	0.0083	/	Pass
					4.4	26.221	0.0073	/	Pass
				-30	4.0	29.054	0.0081	/	Pass
				-20	4.0	30.041	0.0084	/	Pass
				-10	4.0	23.503	0.0066	/	Pass
				0	4.0	31.857	0.0089	/	Pass
				10	4.0	34.833	0.0097	/	Pass
				30	4.0	27.065	0.0076	/	Pass
	40	4.0	25.306	0.0071	/	Pass			
	50	4.0	33.932	0.0095	/	Pass			
	3597.5	25	0	20	3.55	32.330	0.0090	/	Pass
					4.0	29.111	0.0081	/	Pass
					4.4	29.254	0.0081	/	Pass
				-30	4.0	19.755	0.0055	/	Pass
				-20	4.0	25.563	0.0071	/	Pass
				-10	4.0	25.506	0.0071	/	Pass
				0	4.0	31.929	0.0089	/	Pass
				10	4.0	24.934	0.0069	/	Pass
30				4.0	24.047	0.0067	/	Pass	
40				4.0	28.152	0.0078	/	Pass	
50	4.0	20.299	0.0056	/	Pass				
256QAM	3552.5	25	0	20	3.55	15.507	0.0044	/	Pass
					4.0	15.578	0.0044	/	Pass
					4.4	20.385	0.0057	/	Pass
				-30	4.0	19.484	0.0055	/	Pass
				-20	4.0	18.525	0.0052	/	Pass
				-10	4.0	14.977	0.0042	/	Pass
				0	4.0	21.372	0.0060	/	Pass
				10	4.0	21.386	0.0060	/	Pass
				30	4.0	19.197	0.0054	/	Pass
				40	4.0	18.868	0.0053	/	Pass
	50	4.0	18.225	0.0051	/	Pass			
	3575	25	0	20	3.55	25.692	0.0072	/	Pass
					4.0	22.845	0.0064	/	Pass
					4.4	23.746	0.0066	/	Pass
				-30	4.0	23.403	0.0065	/	Pass
				-20	4.0	19.798	0.0055	/	Pass
				-10	4.0	21.458	0.0060	/	Pass
				0	4.0	27.537	0.0077	/	Pass
				10	4.0	25.334	0.0071	/	Pass
				30	4.0	19.398	0.0054	/	Pass



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3597.5	25	0	40	4.0	25.349	0.0071	/	Pass
			50	4.0	21.129	0.0059	/	Pass
			20	3.55	22.473	0.0062	/	Pass
				4.0	20.714	0.0058	/	Pass
				4.4	24.276	0.0067	/	Pass
			-30	4.0	20.185	0.0056	/	Pass
			-20	4.0	22.788	0.0063	/	Pass
			-10	4.0	20.385	0.0057	/	Pass
			0	4.0	16.866	0.0047	/	Pass
			10	4.0	28.868	0.0080	/	Pass
			30	4.0	23.489	0.0065	/	Pass
			40	4.0	24.948	0.0069	/	Pass
			50	4.0	24.548	0.0068	/	Pass

2.2 B42c\_10MHz

2.2.1 Test Result

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	3.55	20.328	0.0057	/	Pass
					4.0	22.974	0.0065	/	Pass
					4.4	26.808	0.0075	/	Pass
				-30	4.0	23.718	0.0067	/	Pass
				-20	4.0	23.832	0.0067	/	Pass
				-10	4.0	22.359	0.0063	/	Pass
				0	4.0	24.247	0.0068	/	Pass
				10	4.0	24.548	0.0069	/	Pass
				30	4.0	20.771	0.0058	/	Pass
	3575	50	0	20	3.55	26.135	0.0073	/	Pass
					4.0	27.051	0.0076	/	Pass
					4.4	23.003	0.0064	/	Pass
				-30	4.0	24.934	0.0070	/	Pass
				-20	4.0	27.409	0.0077	/	Pass
				-10	4.0	24.304	0.0068	/	Pass
				0	4.0	23.446	0.0066	/	Pass
				10	4.0	24.219	0.0068	/	Pass
				30	4.0	23.975	0.0067	/	Pass



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	3595	50	0	40	4.0	26.307	0.0074	/	Pass				
				50	4.0	24.247	0.0068	/	Pass				
				20	3.55	26.808	0.0075	/	Pass				
					4.0	25.105	0.0070	/	Pass				
					4.4	24.147	0.0067	/	Pass				
				-30	4.0	22.316	0.0062	/	Pass				
				-20	4.0	25.434	0.0071	/	Pass				
				-10	4.0	23.732	0.0066	/	Pass				
				0	4.0	22.373	0.0062	/	Pass				
				10	4.0	22.302	0.0062	/	Pass				
				30	4.0	21.157	0.0059	/	Pass				
				40	4.0	21.214	0.0059	/	Pass				
				50	4.0	20.785	0.0058	/	Pass				
				16QAM	3555	50	0	20	3.55	18.253	0.0051	/	Pass
									4.0	21.901	0.0062	/	Pass
									4.4	21.729	0.0061	/	Pass
								-30	4.0	25.835	0.0073	/	Pass
								-20	4.0	23.103	0.0065	/	Pass
								-10	4.0	22.960	0.0065	/	Pass
0	4.0	19.341	0.0054					/	Pass				
10	4.0	22.316	0.0063					/	Pass				
30	4.0	19.670	0.0055					/	Pass				
40	4.0	21.772	0.0061					/	Pass				
50	4.0	23.761	0.0067					/	Pass				
3575	50	0	20					3.55	24.548	0.0069	/	Pass	
								4.0	24.834	0.0069	/	Pass	
				4.4	24.977	0.0070	/	Pass					
			-30	4.0	26.364	0.0074	/	Pass					
			-20	4.0	26.379	0.0074	/	Pass					
			-10	4.0	27.523	0.0077	/	Pass					
			0	4.0	25.921	0.0073	/	Pass					
			10	4.0	21.472	0.0060	/	Pass					
			30	4.0	25.678	0.0072	/	Pass					
			40	4.0	25.363	0.0071	/	Pass					
3595	50	0	20	3.55	20.785	0.0058	/	Pass					
				4.0	24.590	0.0068	/	Pass					
				4.4	20.785	0.0058	/	Pass					
			-30	4.0	23.961	0.0067	/	Pass					
			-20	4.0	24.290	0.0068	/	Pass					
			-10	4.0	27.509	0.0077	/	Pass					
			0	4.0	23.146	0.0064	/	Pass					
			10	4.0	27.337	0.0076	/	Pass					



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				30	4.0	22.545	0.0063	/	Pass
				40	4.0	22.702	0.0063	/	Pass
				50	4.0	24.819	0.0069	/	Pass
64QAM	3555	50	0	20	3.55	20.971	0.0059	/	Pass
					4.0	22.659	0.0064	/	Pass
					4.4	23.360	0.0066	/	Pass
				-30	4.0	24.948	0.0070	/	Pass
				-20	4.0	26.150	0.0074	/	Pass
				-10	4.0	21.429	0.0060	/	Pass
				0	4.0	24.734	0.0070	/	Pass
				10	4.0	24.076	0.0068	/	Pass
				30	4.0	24.791	0.0070	/	Pass
				40	4.0	26.164	0.0074	/	Pass
	50	4.0	22.645	0.0064	/	Pass			
	3575	50	0	20	3.55	25.363	0.0071	/	Pass
					4.0	19.426	0.0054	/	Pass
					4.4	23.546	0.0066	/	Pass
				-30	4.0	27.494	0.0077	/	Pass
				-20	4.0	24.805	0.0069	/	Pass
				-10	4.0	23.317	0.0065	/	Pass
				0	4.0	19.641	0.0055	/	Pass
				10	4.0	24.819	0.0069	/	Pass
				30	4.0	23.446	0.0066	/	Pass
40				4.0	25.105	0.0070	/	Pass	
50	4.0	24.147	0.0068	/	Pass				
3595	50	0	20	3.55	21.787	0.0061	/	Pass	
				4.0	22.488	0.0063	/	Pass	
				4.4	20.185	0.0056	/	Pass	
			-30	4.0	22.488	0.0063	/	Pass	
			-20	4.0	21.558	0.0060	/	Pass	
			-10	4.0	24.376	0.0068	/	Pass	
			0	4.0	20.185	0.0056	/	Pass	
			10	4.0	23.990	0.0067	/	Pass	
			30	4.0	22.073	0.0061	/	Pass	
			40	4.0	21.100	0.0059	/	Pass	
50	4.0	23.460	0.0065	/	Pass				
256QAM	3555	50	0	20	3.55	18.067	0.0051	/	Pass
					4.0	17.395	0.0049	/	Pass
					4.4	13.890	0.0039	/	Pass
				-30	4.0	18.682	0.0053	/	Pass
				-20	4.0	16.479	0.0046	/	Pass
				-10	4.0	16.608	0.0047	/	Pass
				0	4.0	19.126	0.0054	/	Pass



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	3575	50	0	10	4.0	18.468	0.0052	/	Pass
				30	4.0	16.637	0.0047	/	Pass
				40	4.0	19.183	0.0054	/	Pass
				50	4.0	19.026	0.0054	/	Pass
				20	3.55	18.182	0.0051	/	Pass
					4.0	21.057	0.0059	/	Pass
					4.4	19.884	0.0056	/	Pass
				-30	4.0	22.774	0.0064	/	Pass
				-20	4.0	22.202	0.0062	/	Pass
				-10	4.0	25.949	0.0073	/	Pass
	0	4.0	21.672	0.0061	/	Pass			
	10	4.0	21.458	0.0060	/	Pass			
	30	4.0	19.383	0.0054	/	Pass			
	40	4.0	19.484	0.0055	/	Pass			
	50	4.0	18.511	0.0052	/	Pass			
	3595	50	0	20	3.55	18.969	0.0053	/	Pass
					4.0	17.738	0.0049	/	Pass
					4.4	16.294	0.0045	/	Pass
				-30	4.0	21.644	0.0060	/	Pass
				-20	4.0	19.426	0.0054	/	Pass
-10				4.0	21.014	0.0058	/	Pass	
0				4.0	23.417	0.0065	/	Pass	
10				4.0	19.469	0.0054	/	Pass	
30				4.0	19.612	0.0055	/	Pass	
40				4.0	18.539	0.0052	/	Pass	
50	4.0	20.757	0.0058	/	Pass				

2.3 B42c\_15MHz

2.3.1 Test Result

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	3.55	19.383	0.0054	/	Pass
					4.0	19.698	0.0055	/	Pass
					4.4	14.420	0.0041	/	Pass
				-30	4.0	17.595	0.0049	/	Pass
				-20	4.0	17.323	0.0049	/	Pass
				-10	4.0	17.266	0.0049	/	Pass
				0	4.0	22.573	0.0063	/	Pass



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			0	10	4.0	19.469	0.0055	/	Pass			
				30	4.0	19.598	0.0055	/	Pass			
				40	4.0	22.330	0.0063	/	Pass			
				50	4.0	25.220	0.0071	/	Pass			
				20	3.55	20.242	0.0057	/	Pass			
	3575	75	0	20	4.0	21.386	0.0060	/	Pass			
				4.4	23.017	0.0064	/	Pass				
				-30	4.0	22.759	0.0064	/	Pass			
				-20	4.0	23.017	0.0064	/	Pass			
				-10	4.0	21.558	0.0060	/	Pass			
				0	4.0	22.230	0.0062	/	Pass			
				10	4.0	20.785	0.0058	/	Pass			
				30	4.0	22.502	0.0063	/	Pass			
				40	4.0	18.868	0.0053	/	Pass			
				50	4.0	21.043	0.0059	/	Pass			
				3592.5	75	0	20	3.55	23.389	0.0065	/	Pass
							4.0	20.614	0.0057	/	Pass	
							4.4	23.775	0.0066	/	Pass	
							-30	4.0	22.030	0.0061	/	Pass
							-20	4.0	21.014	0.0058	/	Pass
-10	4.0	19.670	0.0055				/	Pass				
0	4.0	18.482	0.0051				/	Pass				
10	4.0	20.585	0.0057				/	Pass				
30	4.0	24.991	0.0070				/	Pass				
40	4.0	20.757	0.0058				/	Pass				
16QAM	3557.5	75	0	20	3.55	25.020	0.0070	/	Pass			
				4.0	19.341	0.0054	/	Pass				
				4.4	17.953	0.0050	/	Pass				
				-30	4.0	21.901	0.0062	/	Pass			
				-20	4.0	24.161	0.0068	/	Pass			
				-10	4.0	23.360	0.0066	/	Pass			
				0	4.0	21.486	0.0060	/	Pass			
				10	4.0	18.983	0.0053	/	Pass			
				30	4.0	19.813	0.0056	/	Pass			
				40	4.0	18.468	0.0052	/	Pass			
	50	4.0	19.455	0.0055	/	Pass						
	3575	75	0	20	3.55	21.973	0.0061	/	Pass			
				4.0	22.845	0.0064	/	Pass				
				4.4	24.791	0.0069	/	Pass				
				-30	4.0	25.234	0.0071	/	Pass			
-20				4.0	24.977	0.0070	/	Pass				
			-10	4.0	24.848	0.0070	/	Pass				



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				0	4.0	24.319	0.0068	/	Pass				
				10	4.0	20.585	0.0058	/	Pass				
				30	4.0	21.458	0.0060	/	Pass				
				40	4.0	23.589	0.0066	/	Pass				
				50	4.0	17.910	0.0050	/	Pass				
				20	3.55	28.338	0.0079	/	Pass				
	3592.5	75	0		4.0	25.392	0.0071	/	Pass				
					4.4	25.206	0.0070	/	Pass				
				-30	4.0	23.875	0.0066	/	Pass				
				-20	4.0	22.516	0.0063	/	Pass				
				-10	4.0	22.545	0.0063	/	Pass				
				0	4.0	19.884	0.0055	/	Pass				
				10	4.0	17.252	0.0048	/	Pass				
				30	4.0	17.209	0.0048	/	Pass				
				40	4.0	21.973	0.0061	/	Pass				
				50	4.0	19.112	0.0053	/	Pass				
				64QAM	3557.5	75	0	20	3.55	21.558	0.0061	/	Pass
									4.0	22.001	0.0062	/	Pass
	4.4	24.562	0.0069					/	Pass				
-30	4.0	19.984	0.0056					/	Pass				
-20	4.0	19.913	0.0056					/	Pass				
-10	4.0	21.400	0.0060					/	Pass				
0	4.0	20.156	0.0057					/	Pass				
10	4.0	18.568	0.0052					/	Pass				
30	4.0	20.857	0.0059					/	Pass				
40	4.0	20.213	0.0057					/	Pass				
50	4.0	22.302	0.0063					/	Pass				
3575	75	0	20					3.55	17.366	0.0049	/	Pass	
					4.0	18.668	0.0052	/	Pass				
					4.4	21.172	0.0059	/	Pass				
			-30		4.0	20.800	0.0058	/	Pass				
			-20		4.0	22.931	0.0064	/	Pass				
			-10		4.0	23.947	0.0067	/	Pass				
			0		4.0	23.675	0.0066	/	Pass				
			10		4.0	23.675	0.0066	/	Pass				
			30		4.0	20.199	0.0057	/	Pass				
			40		4.0	18.439	0.0052	/	Pass				
			50		4.0	20.399	0.0057	/	Pass				
			3592.5		75	0	20	3.55	26.307	0.0073	/	Pass	
	4.0	24.118					0.0067	/	Pass				
	4.4	19.698					0.0055	/	Pass				
-30	4.0	21.958					0.0061	/	Pass				
-20	4.0	20.213					0.0056	/	Pass				



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				-10	4.0	22.001	0.0061	/	Pass	
				0	4.0	21.858	0.0061	/	Pass	
				10	4.0	21.029	0.0059	/	Pass	
				30	4.0	20.070	0.0056	/	Pass	
				40	4.0	22.058	0.0061	/	Pass	
				50	4.0	22.459	0.0063	/	Pass	
256QAM	3557.5	75	0	20	3.55	22.788	0.0064	/	Pass	
					4.0	21.400	0.0060	/	Pass	
					4.4	19.469	0.0055	/	Pass	
				-30	4.0	20.199	0.0057	/	Pass	
					-20	4.0	19.526	0.0055	/	Pass
						4.0	19.040	0.0054	/	Pass
				0	4.0	18.997	0.0053	/	Pass	
					10	4.0	22.044	0.0062	/	Pass
				30	4.0	18.840	0.0053	/	Pass	
					40	4.0	20.542	0.0058	/	Pass
				50	4.0	17.381	0.0049	/	Pass	
				3575	75	0	20	3.55	18.740	0.0052
	4.0	20.456	0.0057					/	Pass	
	4.4	23.046	0.0064					/	Pass	
	-30	4.0	24.347				0.0068	/	Pass	
		-20	4.0				22.159	0.0062	/	Pass
			4.0				21.701	0.0061	/	Pass
	0	4.0	21.486				0.0060	/	Pass	
		10	4.0				18.282	0.0051	/	Pass
	30	4.0	24.691				0.0069	/	Pass	
		40	4.0				19.512	0.0055	/	Pass
	50	4.0	19.269				0.0054	/	Pass	
	3592.5	75	0				20	3.55	26.822	0.0075
				4.0	23.432	0.0065		/	Pass	
4.4				25.377	0.0071	/		Pass		
-30				4.0	22.187	0.0062	/	Pass		
				-20	4.0	18.983	0.0053	/	Pass	
					4.0	19.555	0.0054	/	Pass	
0				4.0	21.758	0.0061	/	Pass		
				10	4.0	18.654	0.0052	/	Pass	
30				4.0	19.212	0.0053	/	Pass		
				40	4.0	13.633	0.0038	/	Pass	
50				4.0	20.971	0.0058	/	Pass		

2.4 B42c\_20MHz



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2.4.1 Test Result

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	3.55	24.948	0.0070	/	Pass
					4.0	19.255	0.0054	/	Pass
					4.4	19.555	0.0055	/	Pass
				-30	4.0	19.856	0.0056	/	Pass
				-20	4.0	22.402	0.0063	/	Pass
				-10	4.0	19.741	0.0055	/	Pass
				0	4.0	19.770	0.0056	/	Pass
				10	4.0	18.826	0.0053	/	Pass
				30	4.0	24.133	0.0068	/	Pass
	40	4.0	23.847	0.0067	/	Pass			
	50	4.0	22.144	0.0062	/	Pass			
	3575	100	0	20	3.55	23.890	0.0067	/	Pass
					4.0	20.328	0.0057	/	Pass
					4.4	20.199	0.0057	/	Pass
				-30	4.0	21.801	0.0061	/	Pass
				-20	4.0	20.185	0.0056	/	Pass
				-10	4.0	19.612	0.0055	/	Pass
				0	4.0	21.801	0.0061	/	Pass
				10	4.0	20.099	0.0056	/	Pass
				30	4.0	19.226	0.0054	/	Pass
	40	4.0	22.502	0.0063	/	Pass			
	50	4.0	22.845	0.0064	/	Pass			
	3590	100	0	20	3.55	18.368	0.0051	/	Pass
					4.0	22.101	0.0062	/	Pass
					4.4	19.941	0.0056	/	Pass
				-30	4.0	21.572	0.0060	/	Pass
				-20	4.0	20.485	0.0057	/	Pass
-10				4.0	20.614	0.0057	/	Pass	
0				4.0	22.588	0.0063	/	Pass	
10				4.0	18.110	0.0050	/	Pass	
30				4.0	23.861	0.0066	/	Pass	
40	4.0	23.417	0.0065	/	Pass				
50	4.0	20.399	0.0057	/	Pass				
16QAM	3560	100	0	20	3.55	22.502	0.0063	/	Pass
					4.0	24.047	0.0068	/	Pass
					4.4	22.531	0.0063	/	Pass
				-30	4.0	21.443	0.0060	/	Pass
-20	4.0	19.870	0.0056	/	Pass				



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				-10	4.0	19.770	0.0056	/	Pass
				0	4.0	21.515	0.0060	/	Pass
				10	4.0	19.927	0.0056	/	Pass
				30	4.0	22.531	0.0063	/	Pass
				40	4.0	22.244	0.0062	/	Pass
				50	4.0	21.243	0.0060	/	Pass
	3575	100	0	20	3.55	23.961	0.0067	/	Pass
					4.0	23.375	0.0065	/	Pass
					4.4	21.329	0.0060	/	Pass
				-30	4.0	21.744	0.0061	/	Pass
				-20	4.0	23.503	0.0066	/	Pass
				-10	4.0	21.071	0.0059	/	Pass
				0	4.0	23.503	0.0066	/	Pass
				10	4.0	19.455	0.0054	/	Pass
				30	4.0	19.698	0.0055	/	Pass
				40	4.0	21.129	0.0059	/	Pass
				50	4.0	20.943	0.0059	/	Pass
				3590	100	0	20	3.55	22.674
	4.0	23.060	0.0064					/	Pass
	4.4	21.615	0.0060					/	Pass
	-30	4.0	24.247				0.0068	/	Pass
	-20	4.0	22.459				0.0063	/	Pass
	-10	4.0	22.273				0.0062	/	Pass
	0	4.0	22.702				0.0063	/	Pass
	10	4.0	20.771				0.0058	/	Pass
	30	4.0	16.351				0.0046	/	Pass
	40	4.0	18.554				0.0052	/	Pass
	64QAM	3560	100	0	20	3.55	18.353	0.0052	/
4.0						21.486	0.0060	/	Pass
4.4						21.544	0.0061	/	Pass
-30					4.0	21.243	0.0060	/	Pass
-20					4.0	22.488	0.0063	/	Pass
-10					4.0	21.629	0.0061	/	Pass
0					4.0	23.246	0.0065	/	Pass
10					4.0	22.659	0.0064	/	Pass
30					4.0	26.078	0.0073	/	Pass
40					4.0	19.712	0.0055	/	Pass
50					4.0	21.358	0.0060	/	Pass
3575					100	0	20	3.55	21.544
		4.0	22.388	0.0063				/	Pass
		4.4	22.588	0.0063				/	Pass
		-30	4.0	21.172			0.0059	/	Pass



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256QAM	3590	100	0	-20	4.0	17.037	0.0048	/	Pass
				-10	4.0	17.867	0.0050	/	Pass
				0	4.0	20.814	0.0058	/	Pass
				10	4.0	18.611	0.0052	/	Pass
				30	4.0	21.644	0.0061	/	Pass
				40	4.0	25.592	0.0072	/	Pass
	3560	100	0	20	3.55	21.873	0.0061	/	Pass
					4.0	21.372	0.0060	/	Pass
					4.4	17.366	0.0048	/	Pass
				-30	4.0	20.757	0.0058	/	Pass
				-20	4.0	22.459	0.0063	/	Pass
				-10	4.0	20.885	0.0058	/	Pass
				0	4.0	21.729	0.0061	/	Pass
				10	4.0	22.187	0.0062	/	Pass
				30	4.0	20.185	0.0056	/	Pass
				40	4.0	22.144	0.0062	/	Pass
				50	4.0	22.073	0.0061	/	Pass
				3575	100	0	20	3.55	18.082
4.0	18.826	0.0053	/					Pass	
4.4	17.610	0.0049	/					Pass	
-30	4.0	15.435	0.0043				/	Pass	
-20	4.0	15.092	0.0042				/	Pass	
-10	4.0	16.236	0.0046				/	Pass	
0	4.0	17.338	0.0049				/	Pass	
10	4.0	19.798	0.0056				/	Pass	
30	4.0	20.227	0.0057				/	Pass	
40	4.0	18.168	0.0051				/	Pass	
50	4.0	17.381	0.0049				/	Pass	
3590	100	0	20				3.55	23.046	0.0064
					4.0	19.441	0.0054	/	Pass
					4.4	16.637	0.0047	/	Pass
			-30		4.0	20.700	0.0058	/	Pass
			-20		4.0	21.315	0.0060	/	Pass
			-10		4.0	20.041	0.0056	/	Pass
3590	100	0	20		0	4.0	18.697	0.0052	/
				10	4.0	15.635	0.0044	/	Pass
				30	4.0	21.143	0.0059	/	Pass
			40	4.0	21.257	0.0059	/	Pass	
			50	4.0	15.979	0.0045	/	Pass	
			3590	100	0	20	3.55	21.887	0.0061
				4.0	21.086	0.0059	/	Pass	
				4.4	17.467	0.0049	/	Pass	



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				-30	4.0	20.056	0.0056	/	Pass
				-20	4.0	18.826	0.0052	/	Pass
				-10	4.0	18.125	0.0050	/	Pass
				0	4.0	18.182	0.0051	/	Pass
				10	4.0	15.721	0.0044	/	Pass
				30	4.0	17.166	0.0048	/	Pass
				40	4.0	19.884	0.0055	/	Pass
				50	4.0	16.379	0.0046	/	Pass



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## 3. 99% & 26dB Bandwidth

### 3.1 Band42c\_OBW

#### 3.1.1 Test Result

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	4.560	/	Pass
		3575	25	0	4.551	/	Pass
		3597.5	25	0	4.555	/	Pass
	16QAM	3552.5	25	0	4.561	/	Pass
		3575	25	0	4.548	/	Pass
		3597.5	25	0	4.555	/	Pass
	64QAM	3552.5	25	0	4.559	/	Pass
		3575	25	0	4.545	/	Pass
		3597.5	25	0	4.536	/	Pass
	256QAM	3552.5	25	0	4.560	/	Pass
		3575	25	0	4.597	/	Pass
		3597.5	25	0	4.490	/	Pass
10	QPSK	3555	50	0	9.061	/	Pass
		3575	50	0	9.085	/	Pass
		3595	50	0	9.029	/	Pass
	16QAM	3555	50	0	9.094	/	Pass
		3575	50	0	9.076	/	Pass
		3595	50	0	9.045	/	Pass
	64QAM	3555	50	0	9.078	/	Pass
		3575	50	0	9.093	/	Pass
		3595	50	0	8.970	/	Pass
	256QAM	3555	50	0	9.071	/	Pass
		3575	50	0	9.077	/	Pass
		3595	50	0	8.982	/	Pass
15	QPSK	3557.5	75	0	13.594	/	Pass
		3575	75	0	13.651	/	Pass
		3592.5	75	0	13.533	/	Pass
	16QAM	3557.5	75	0	13.577	/	Pass
		3575	75	0	13.635	/	Pass
		3592.5	75	0	13.559	/	Pass
	64QAM	3557.5	75	0	13.593	/	Pass
		3575	75	0	13.632	/	Pass
		3592.5	75	0	13.587	/	Pass
	256QAM	3557.5	75	0	13.594	/	Pass
		3575	75	0	13.616	/	Pass
		3592.5	75	0	13.482	/	Pass
20	QPSK	3560	100	0	18.076	/	Pass



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		3575	100	0	17.937	/	Pass
		3590	100	0	18.088	/	Pass
	16QAM	3560	100	0	18.059	/	Pass
		3575	100	0	17.943	/	Pass
		3590	100	0	18.039	/	Pass
	64QAM	3560	100	0	18.067	/	Pass
		3575	100	0	18.089	/	Pass
		3590	100	0	18.029	/	Pass
	256QAM	3560	100	0	18.157	/	Pass
		3575	100	0	17.979	/	Pass
		3590	100	0	18.043	/	Pass



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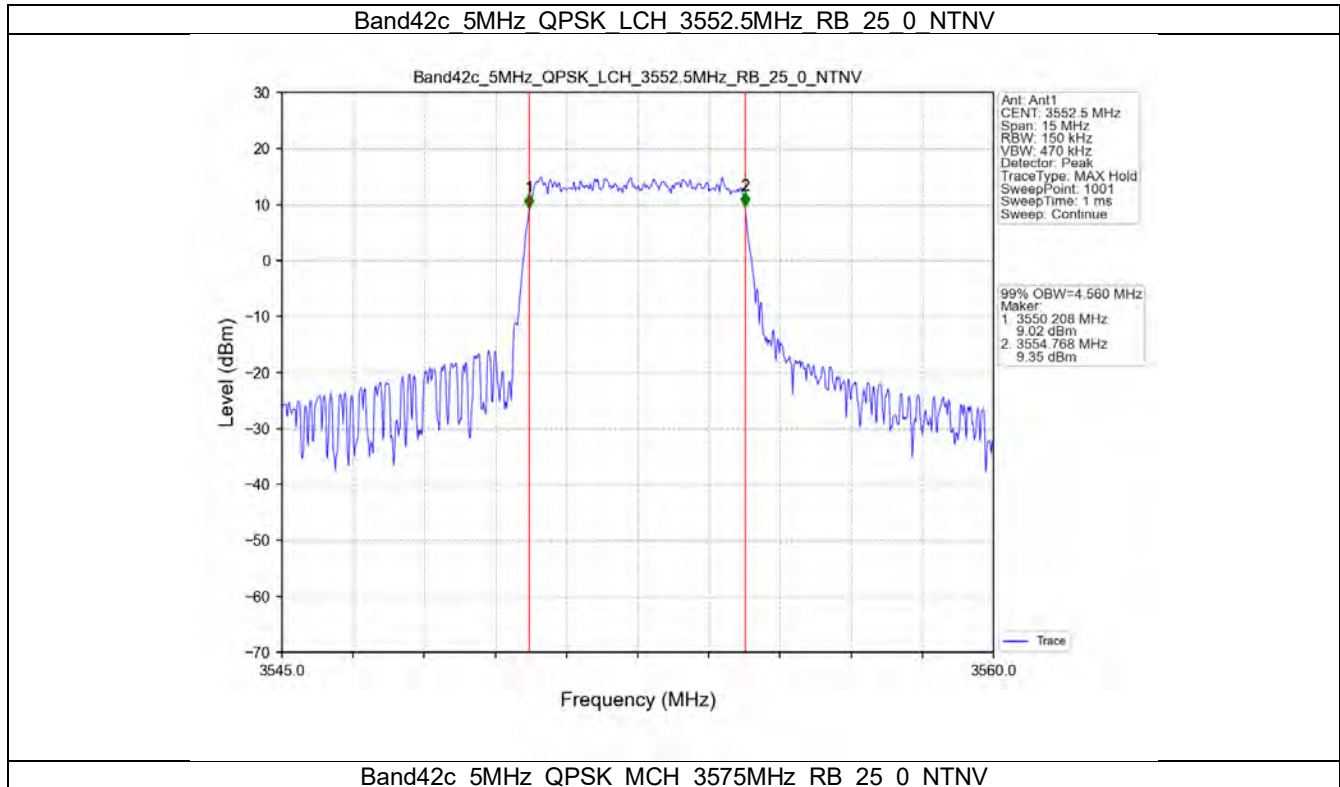
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3.1.2 Test Graph



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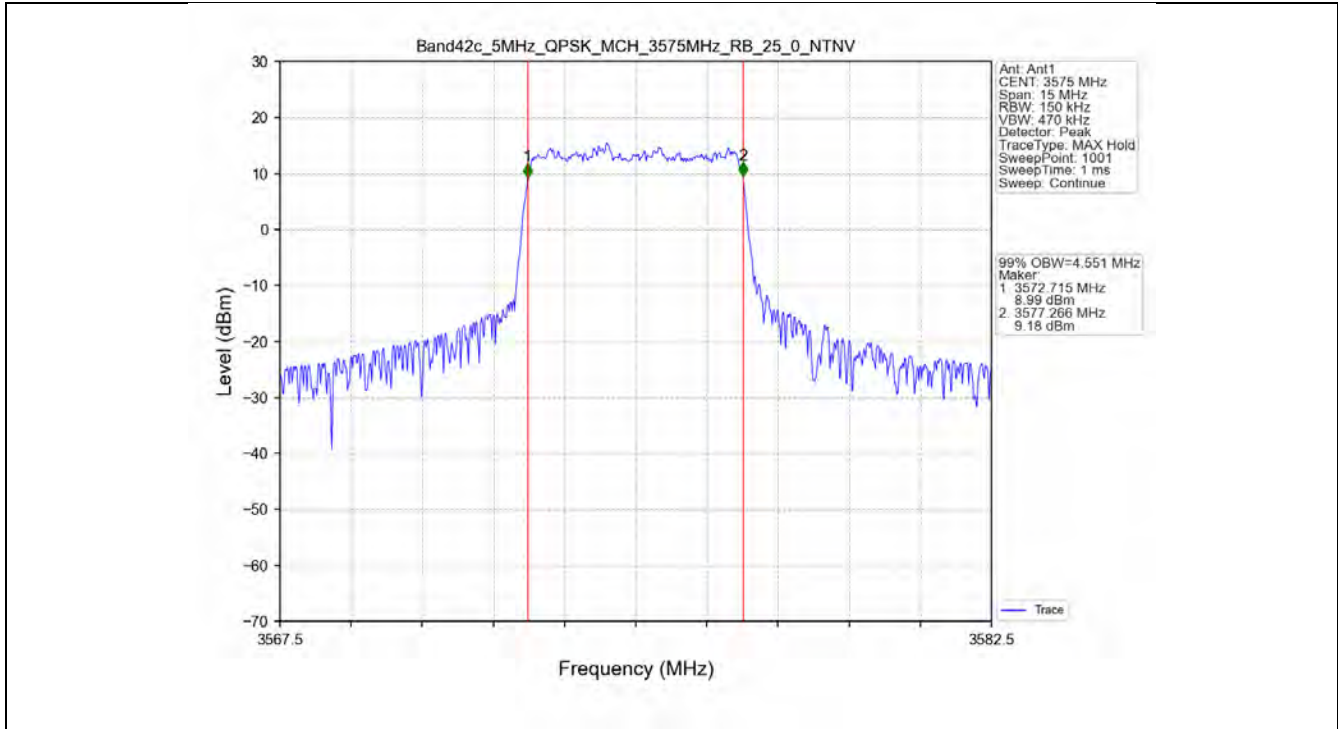


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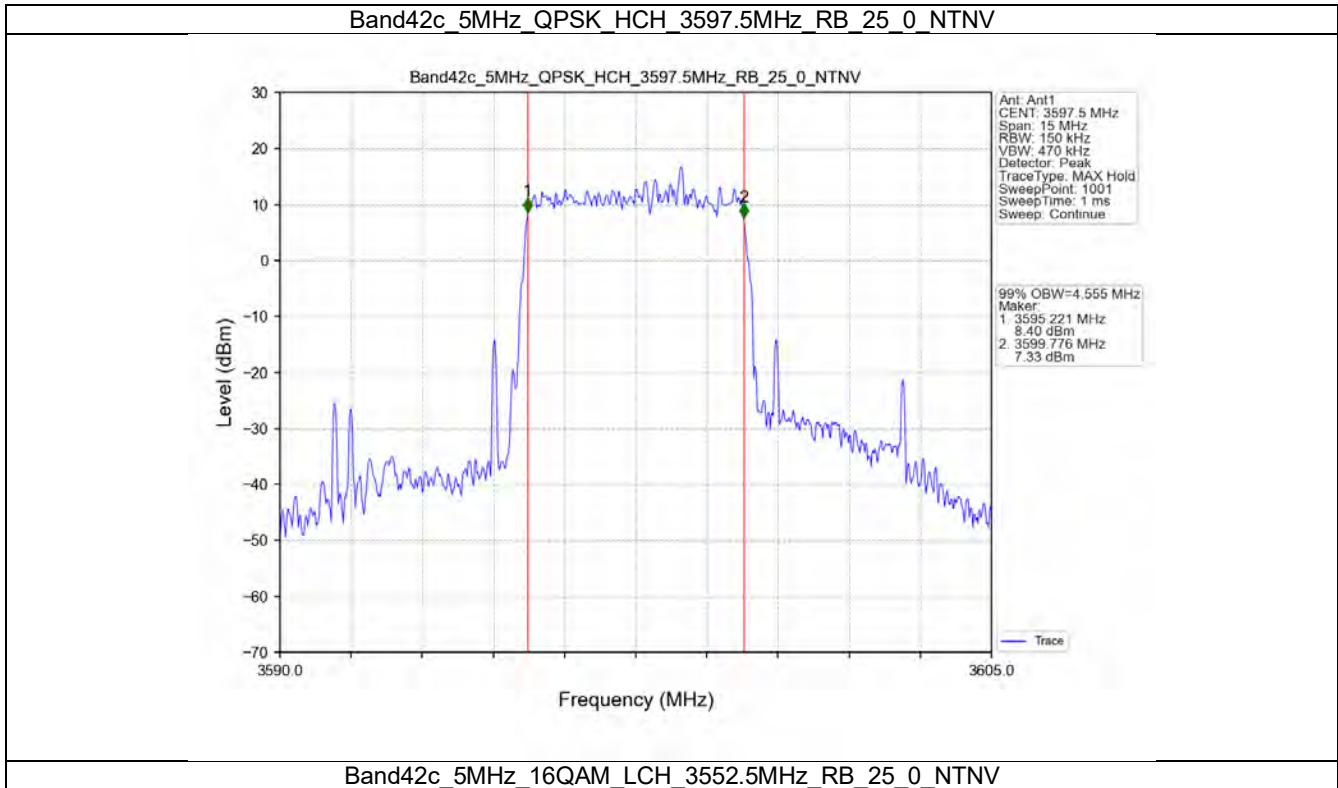


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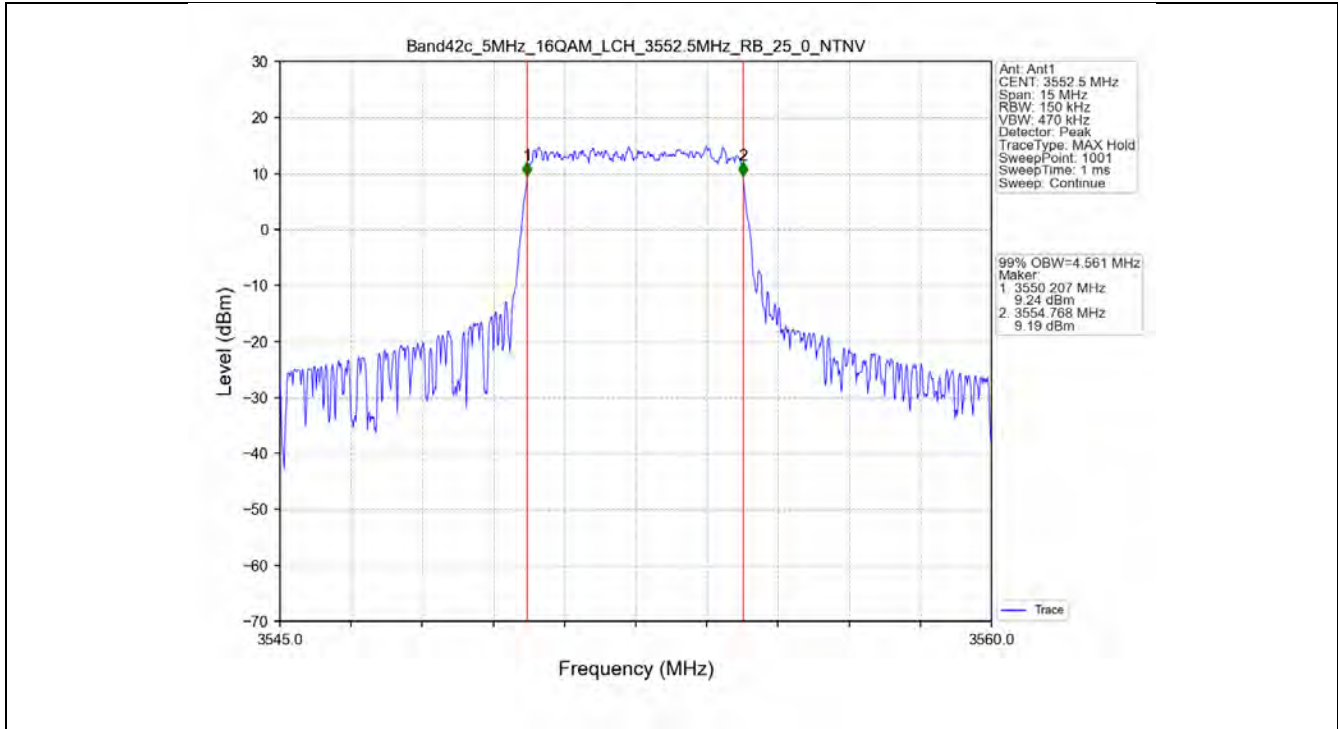


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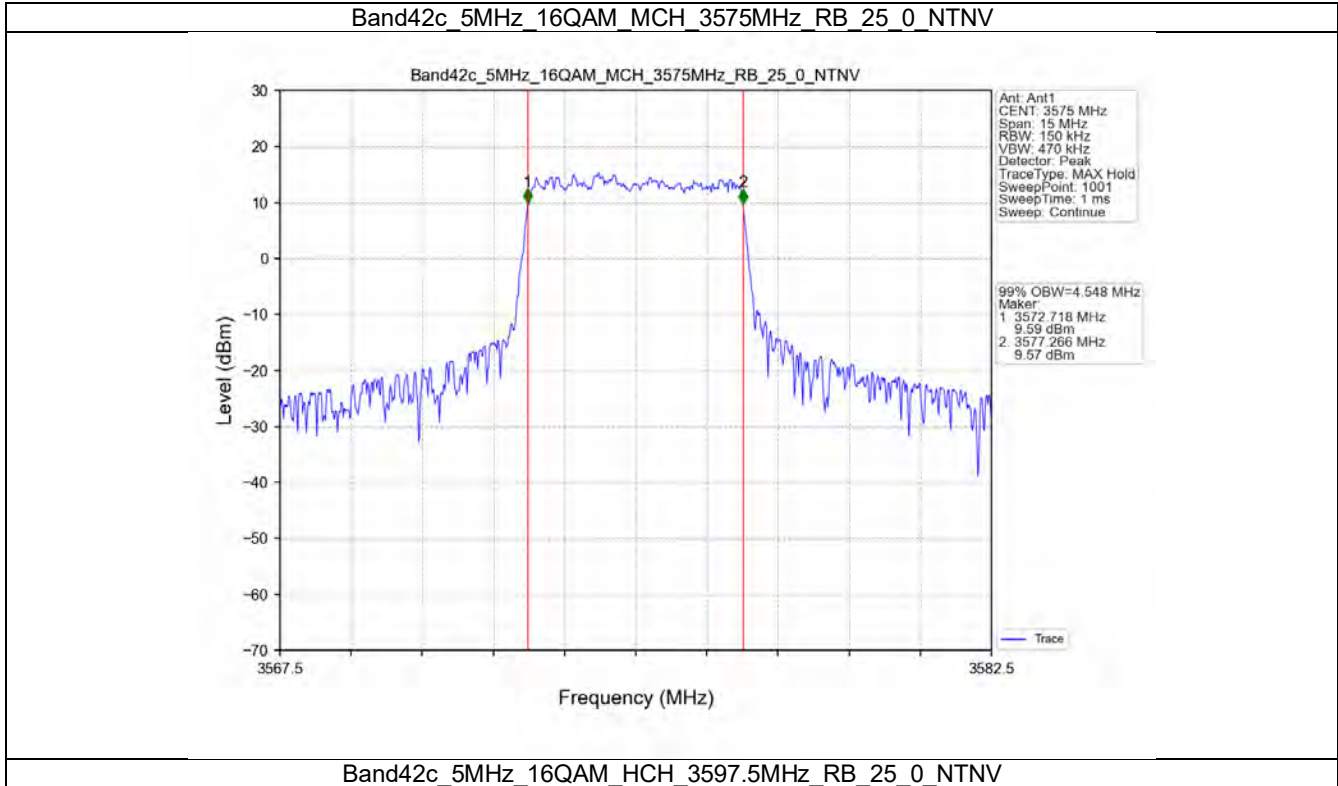


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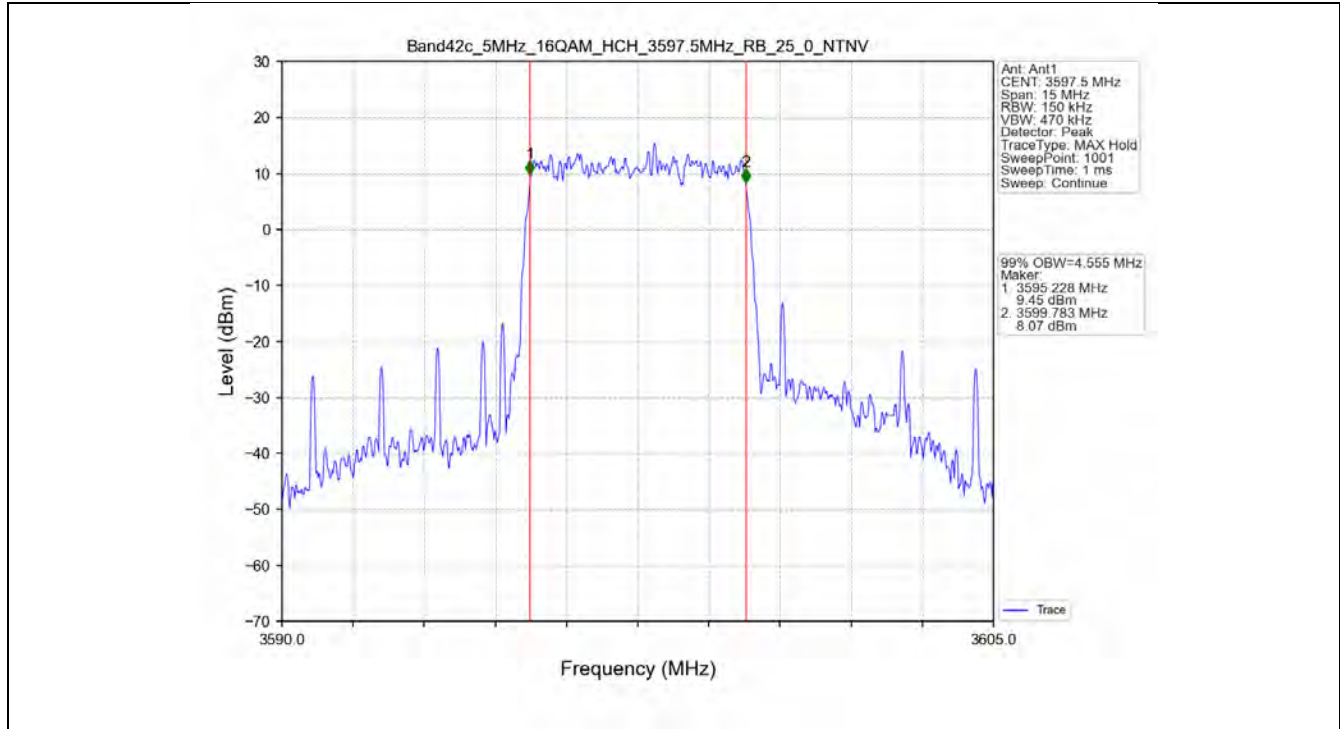


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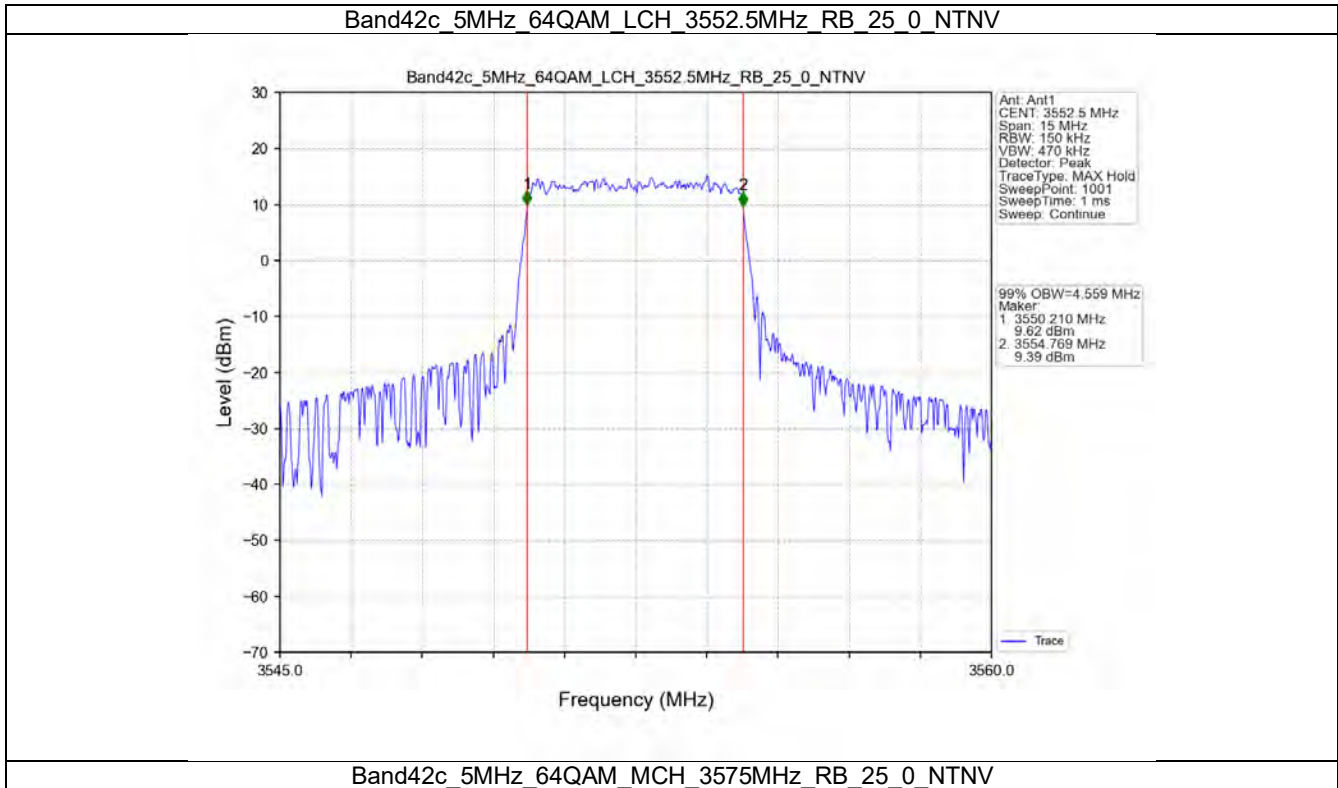


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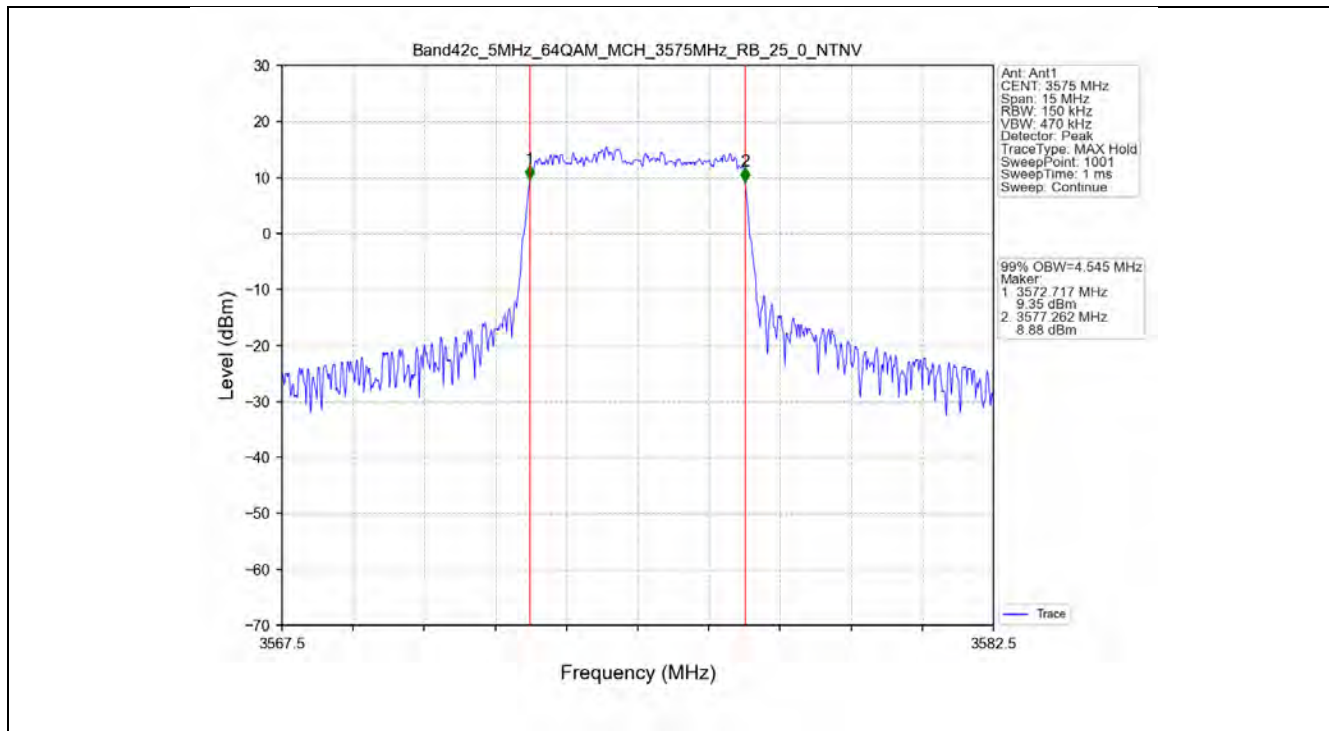
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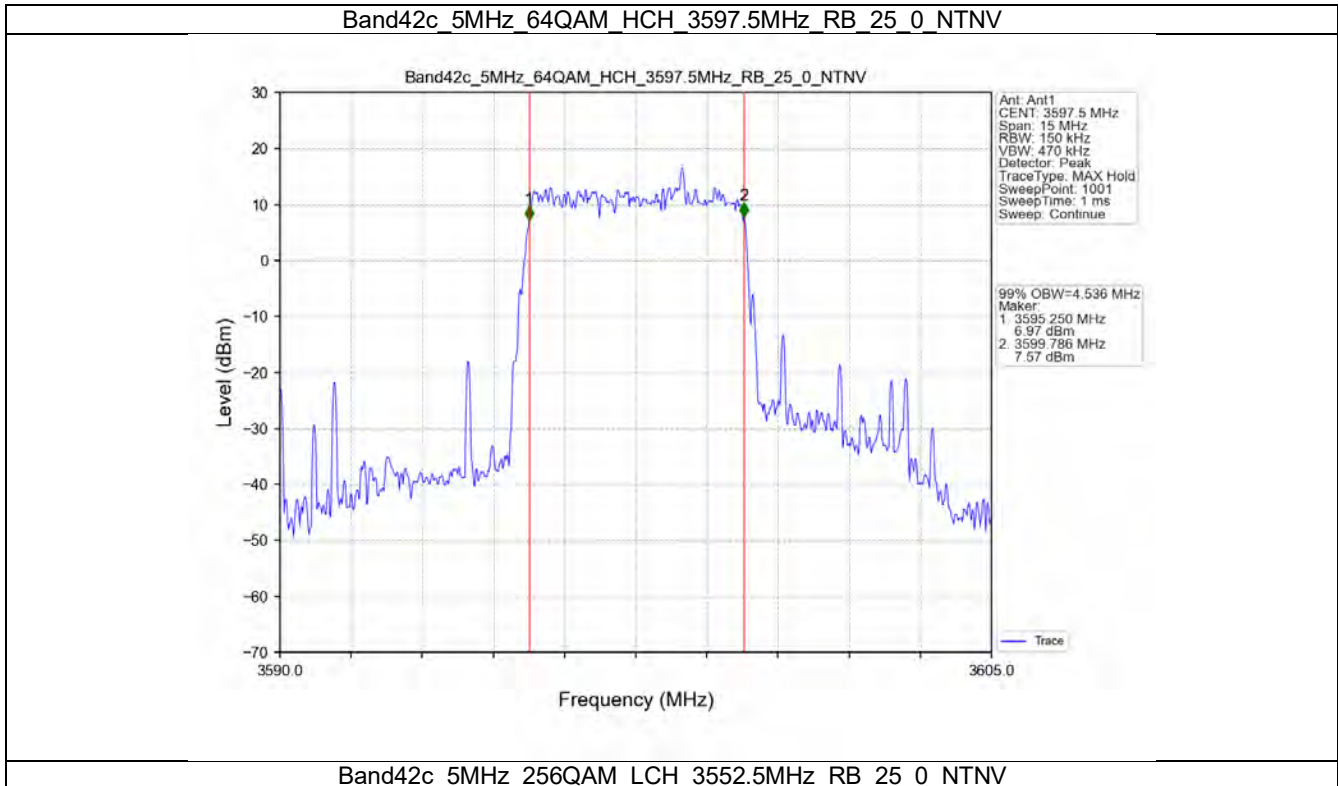


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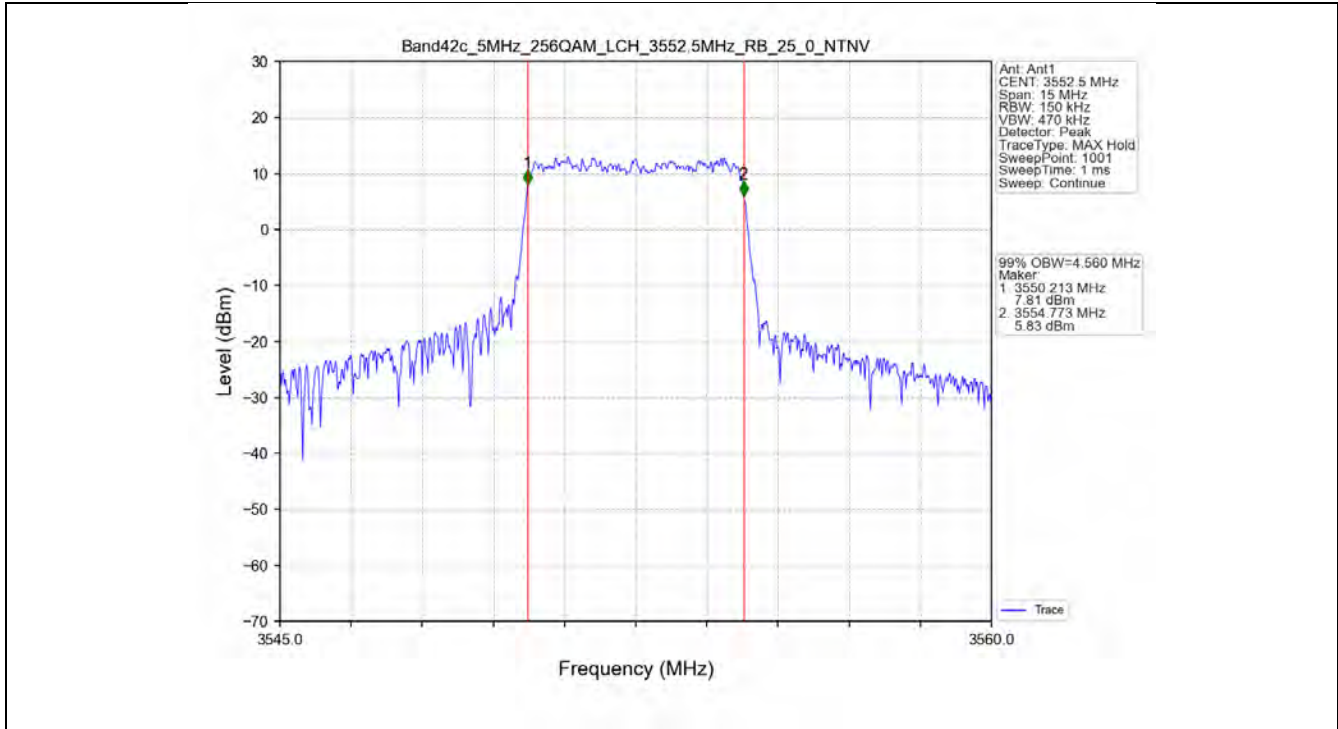


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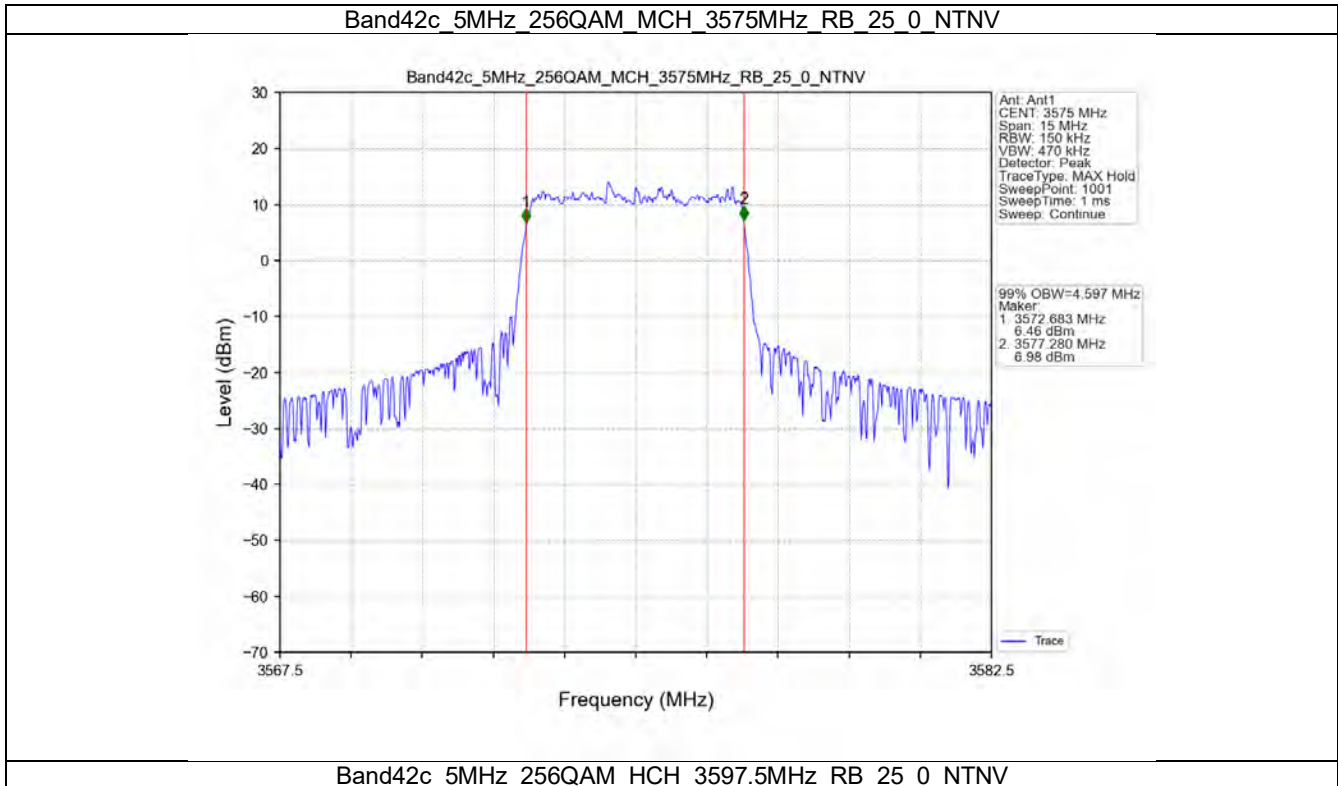


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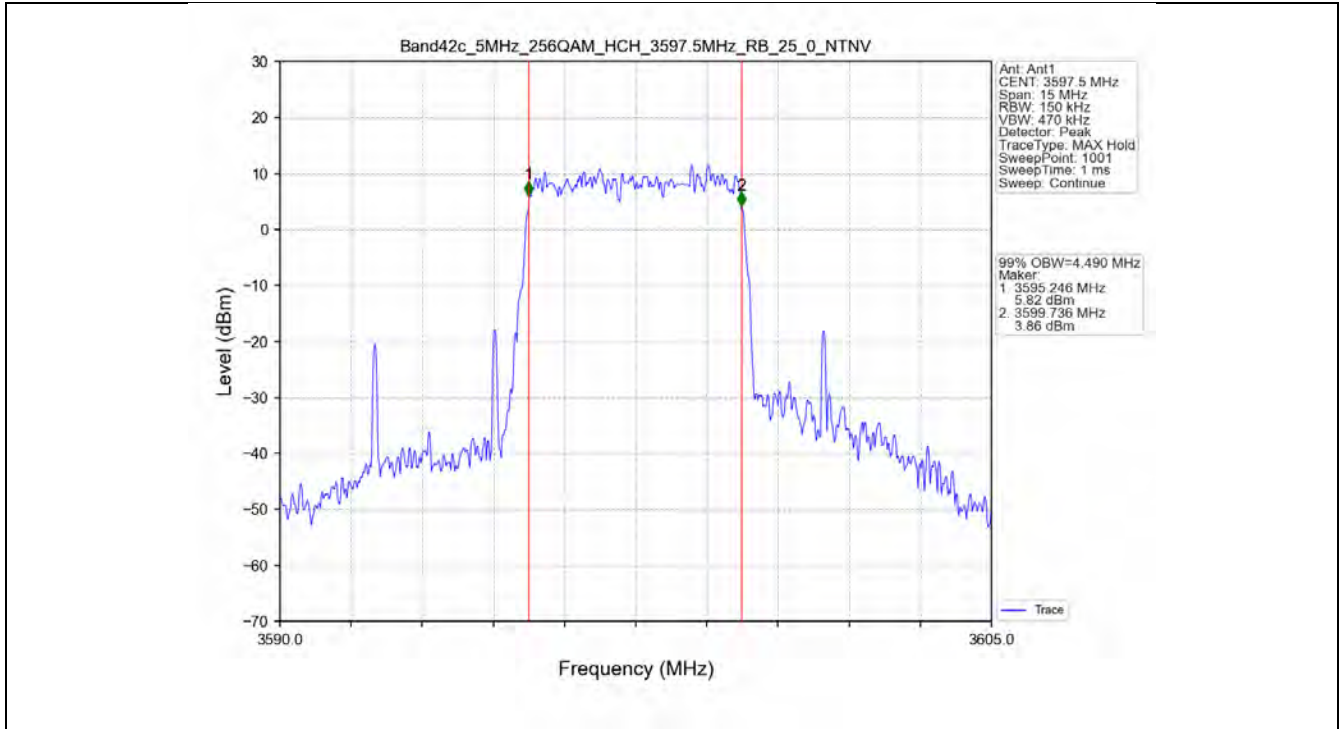


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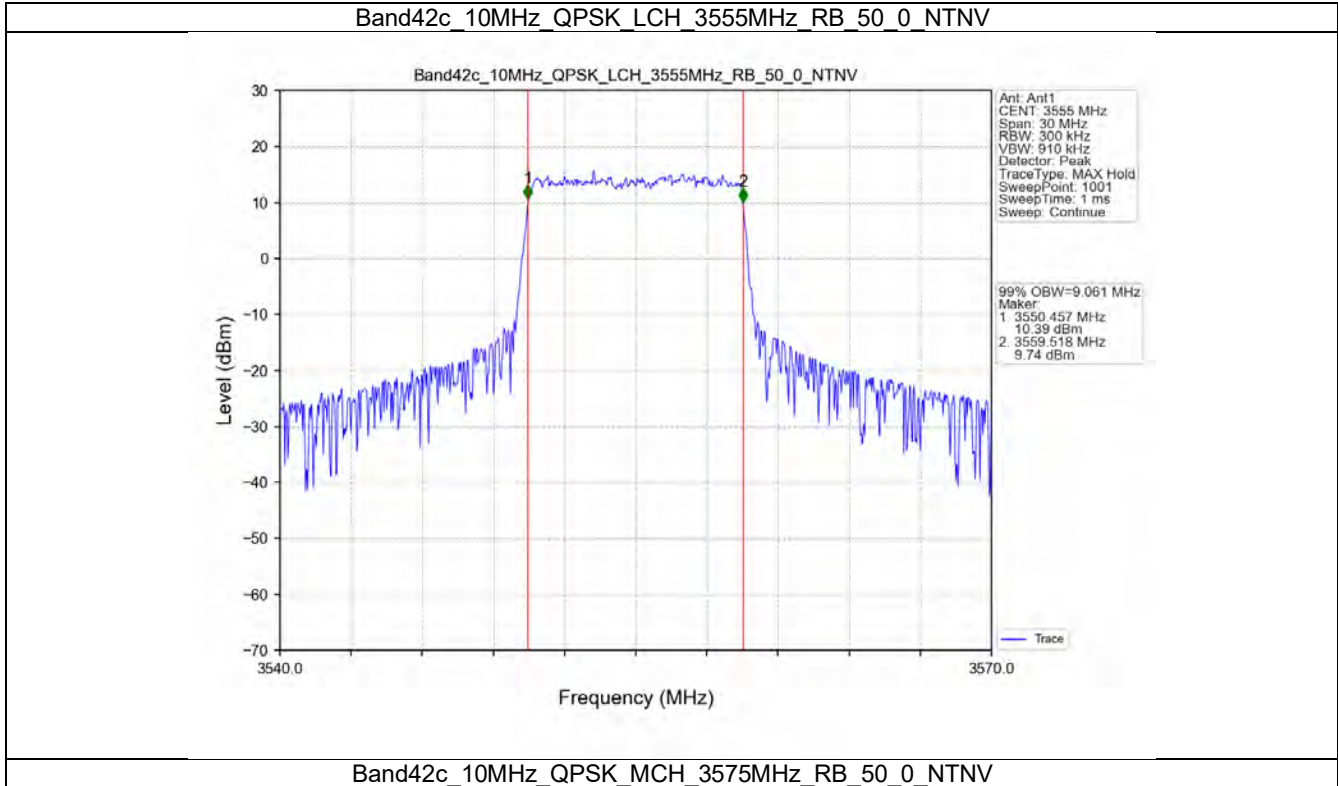


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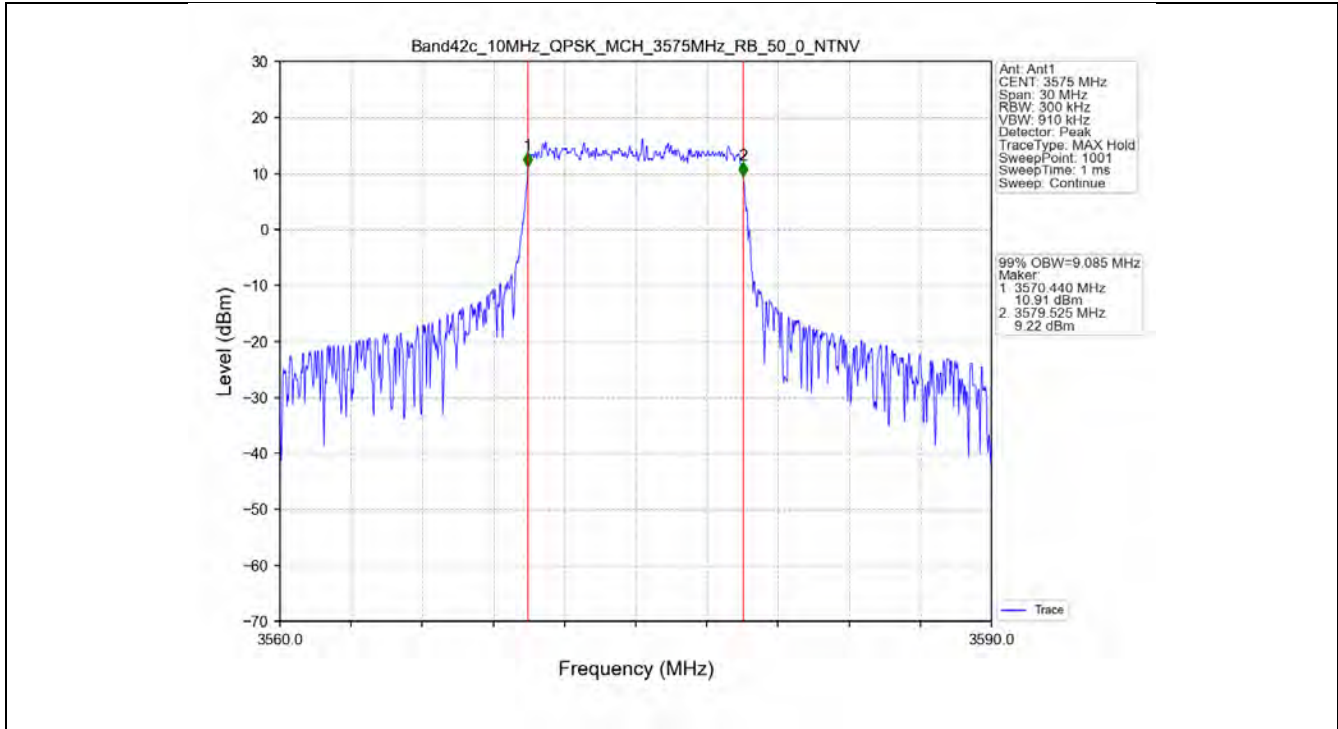


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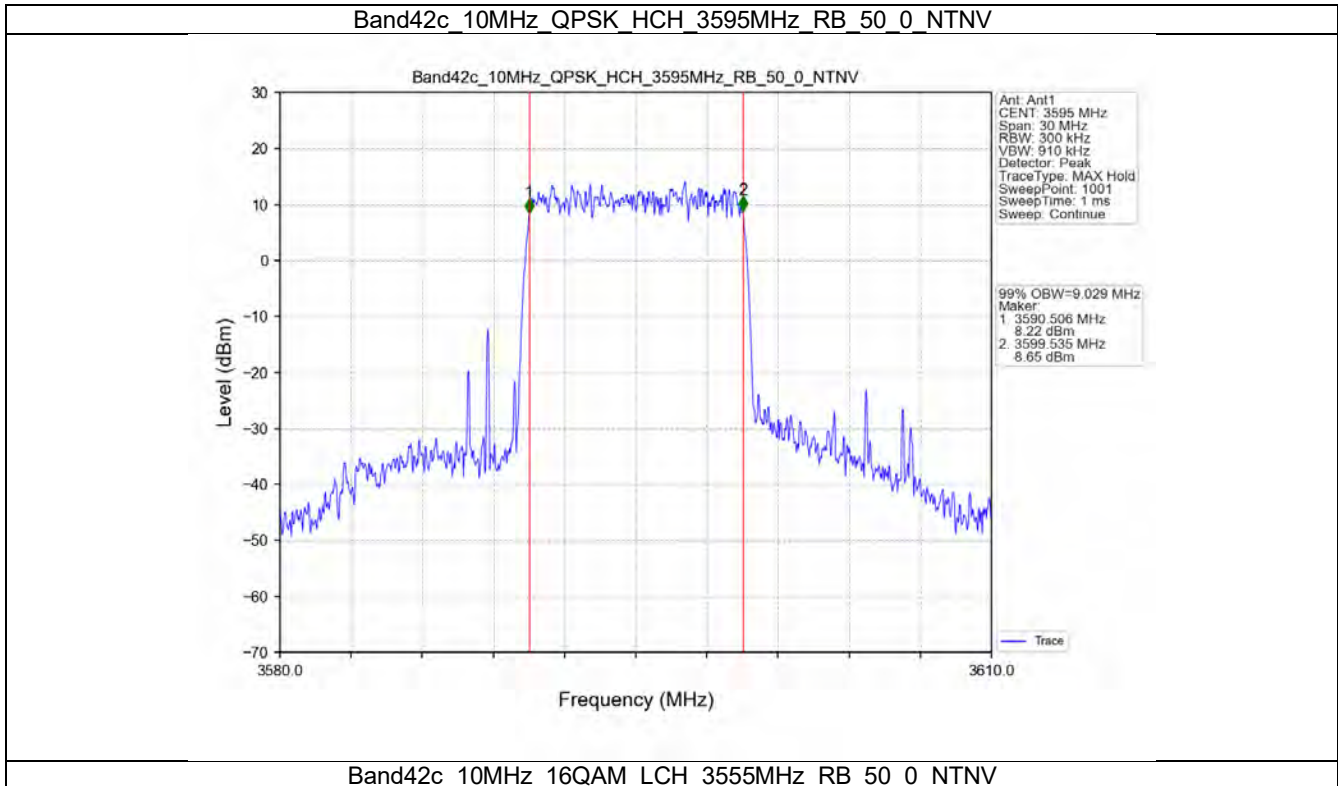


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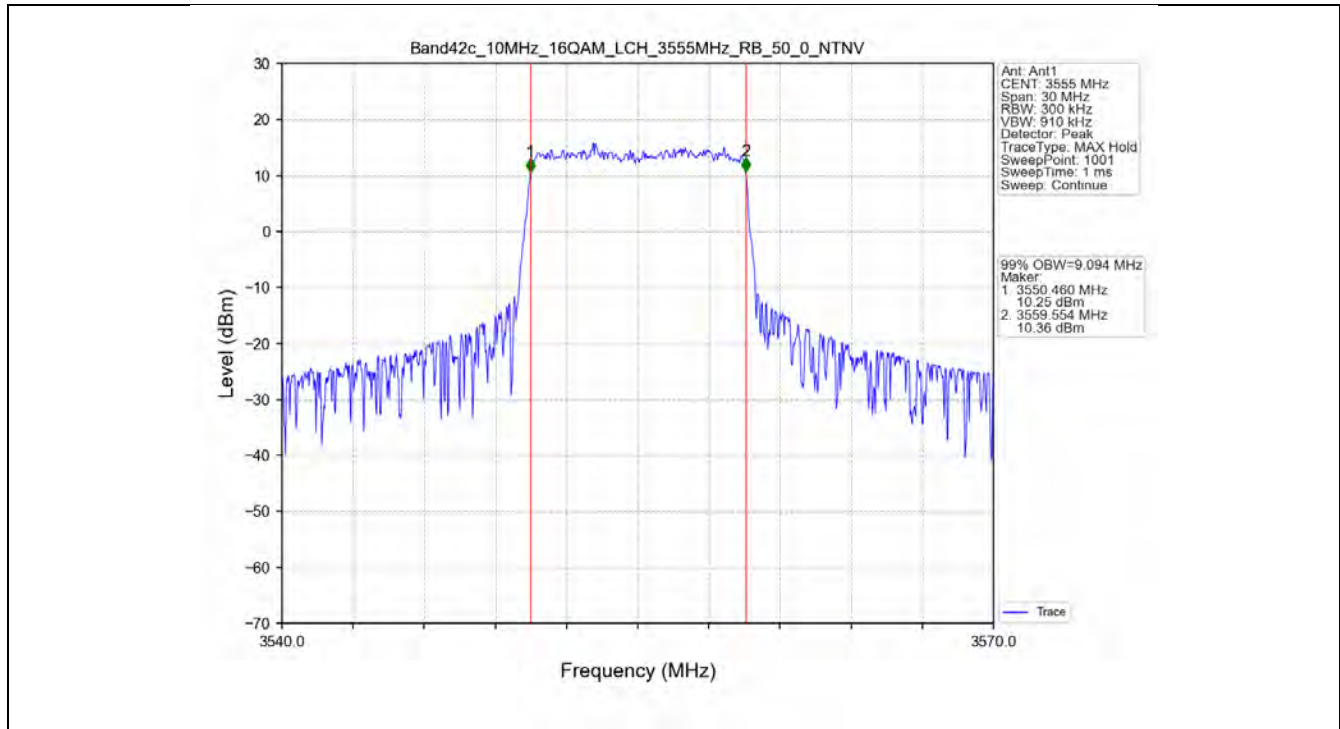


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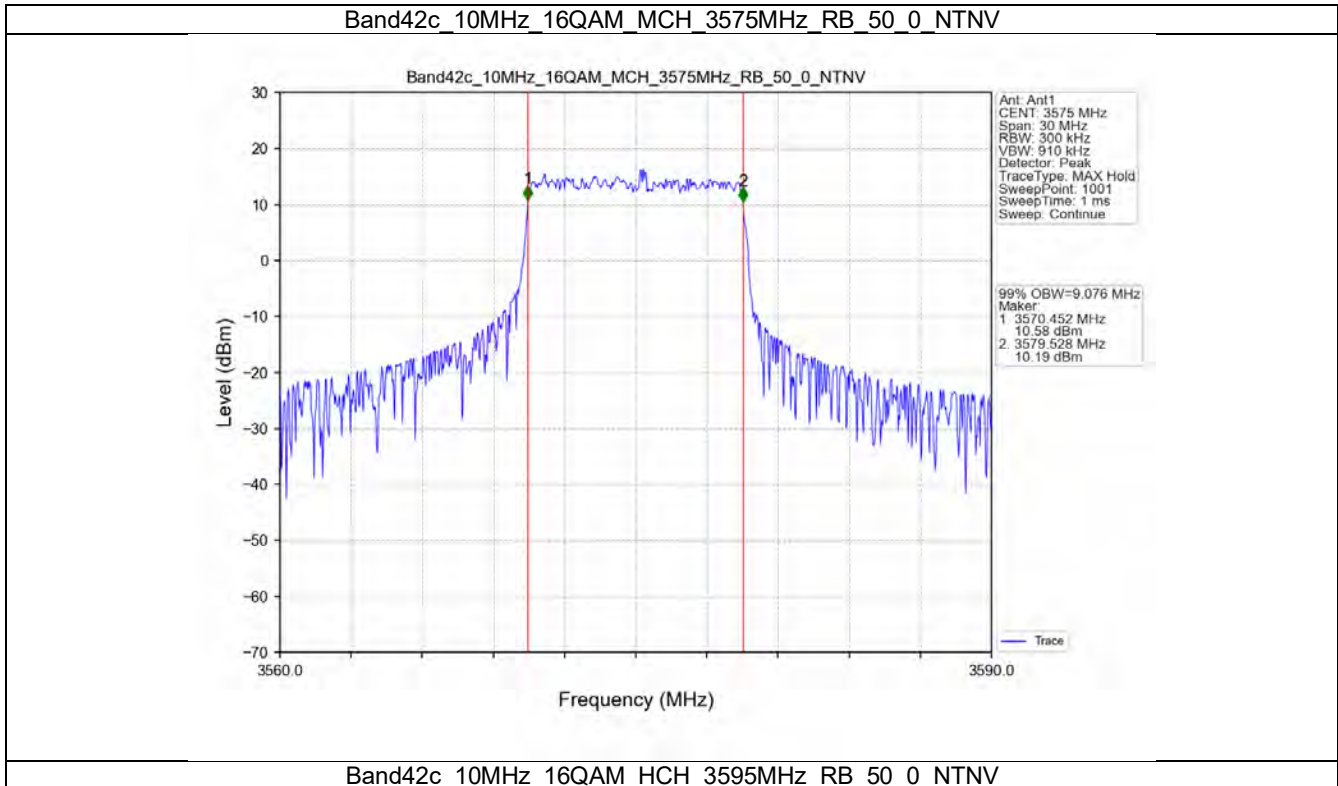


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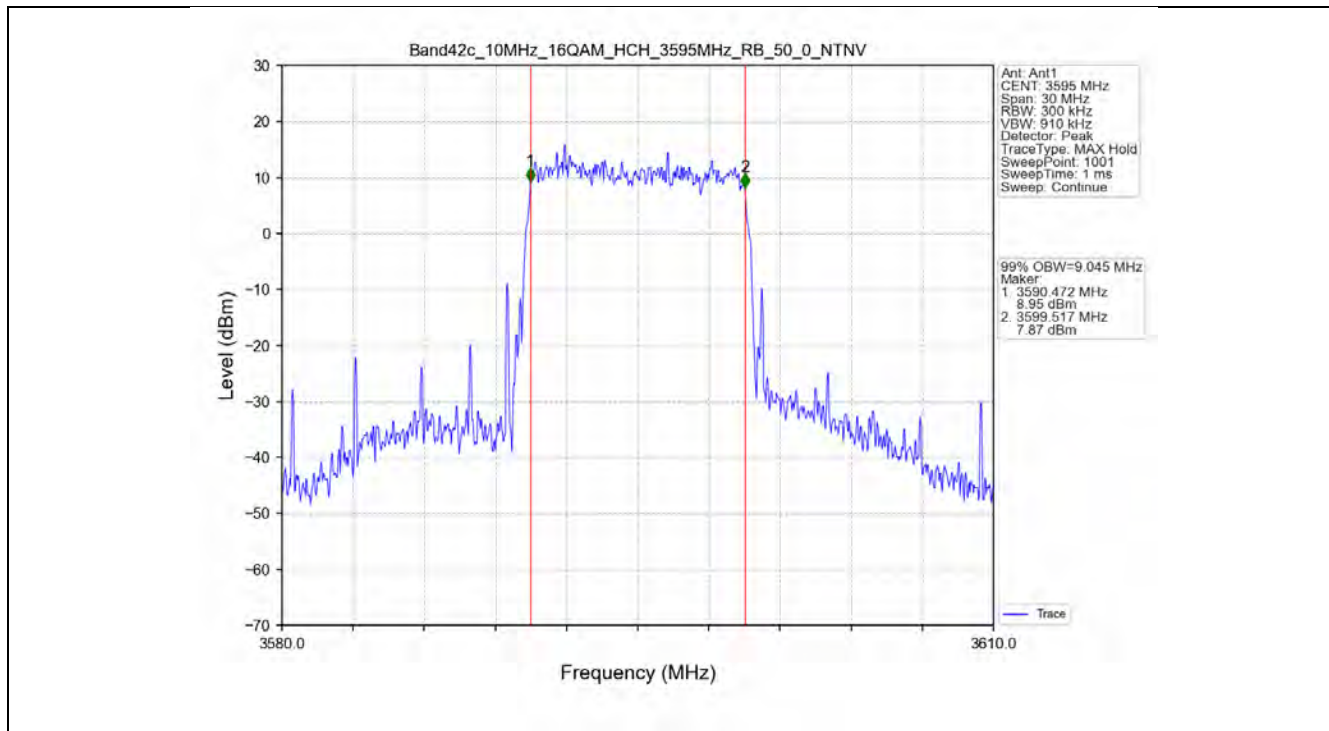
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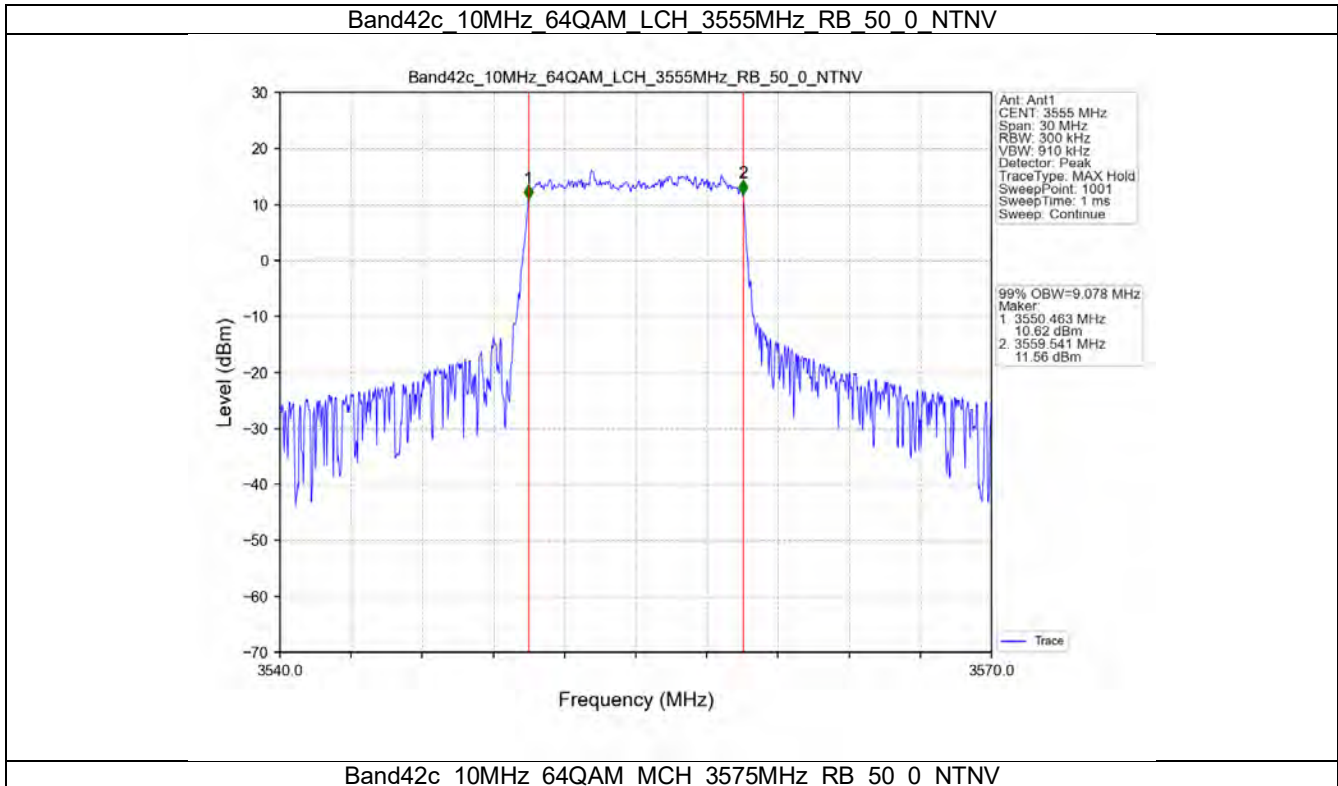


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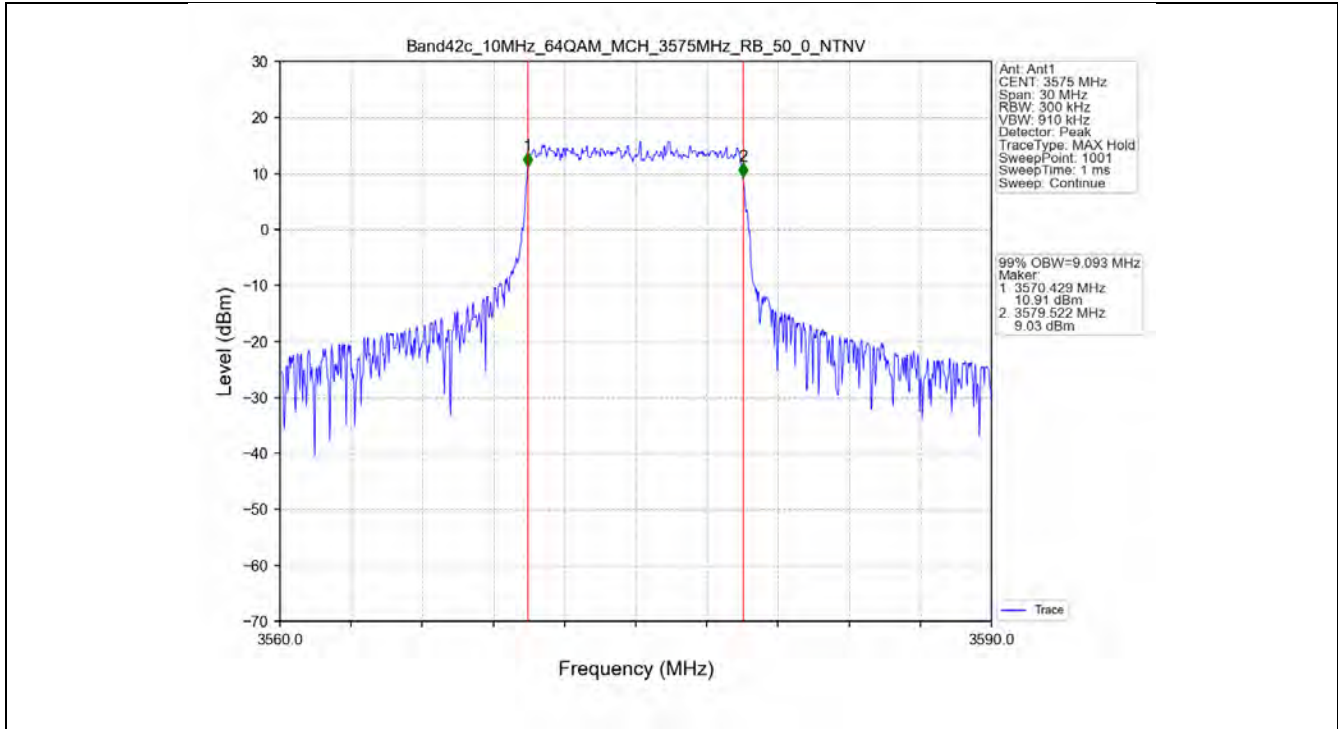


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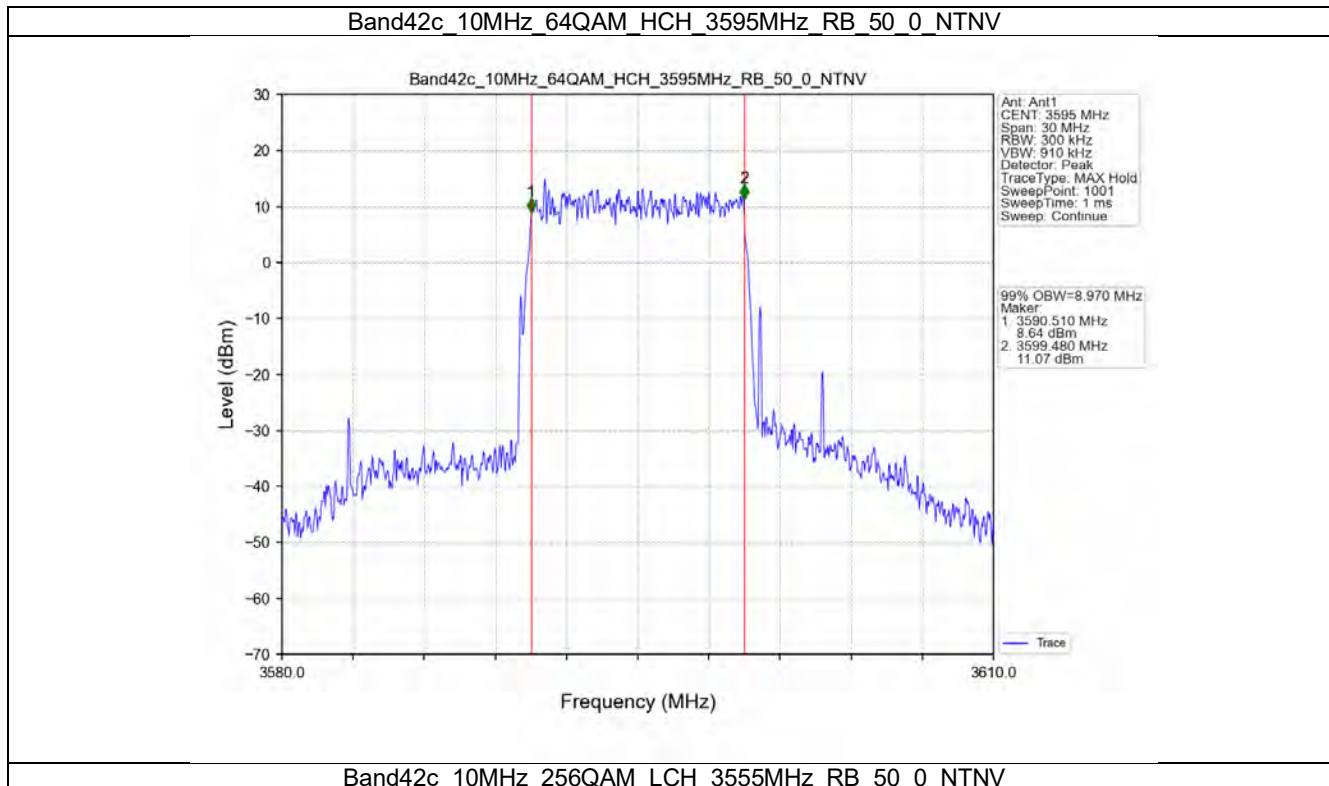
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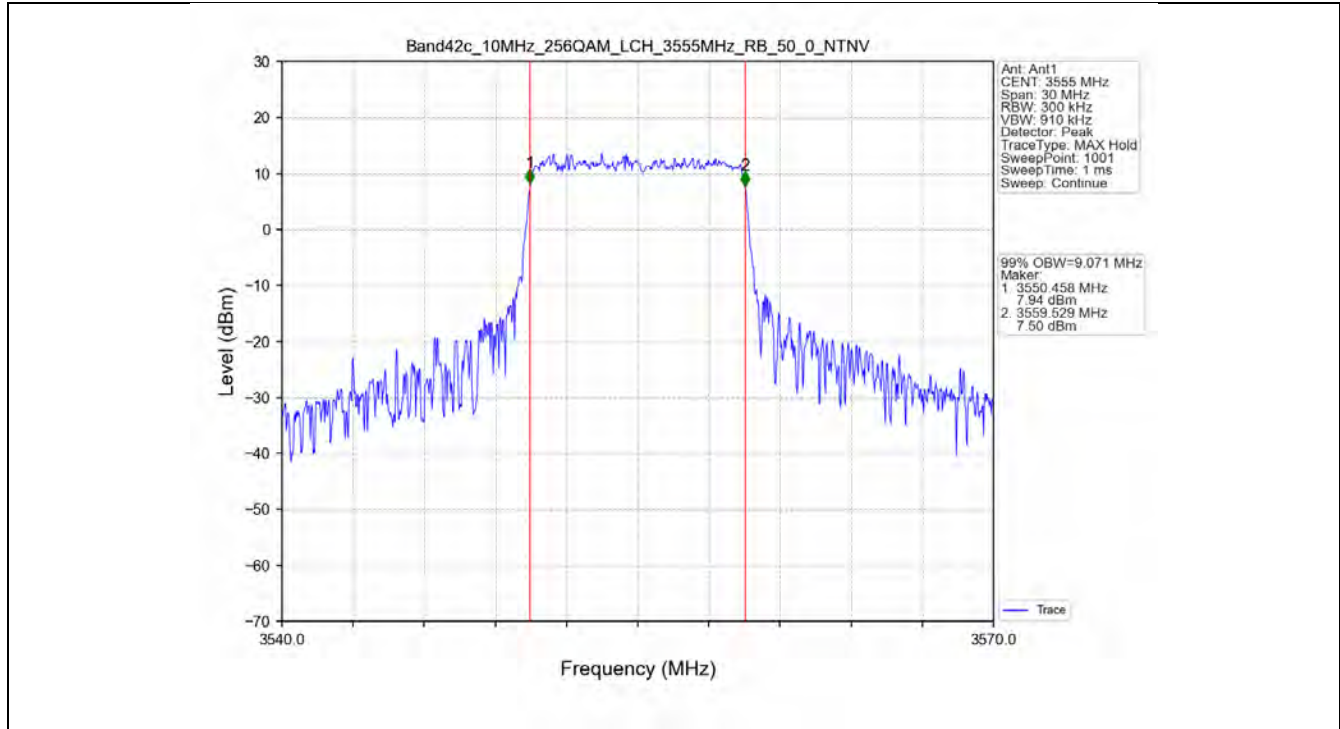


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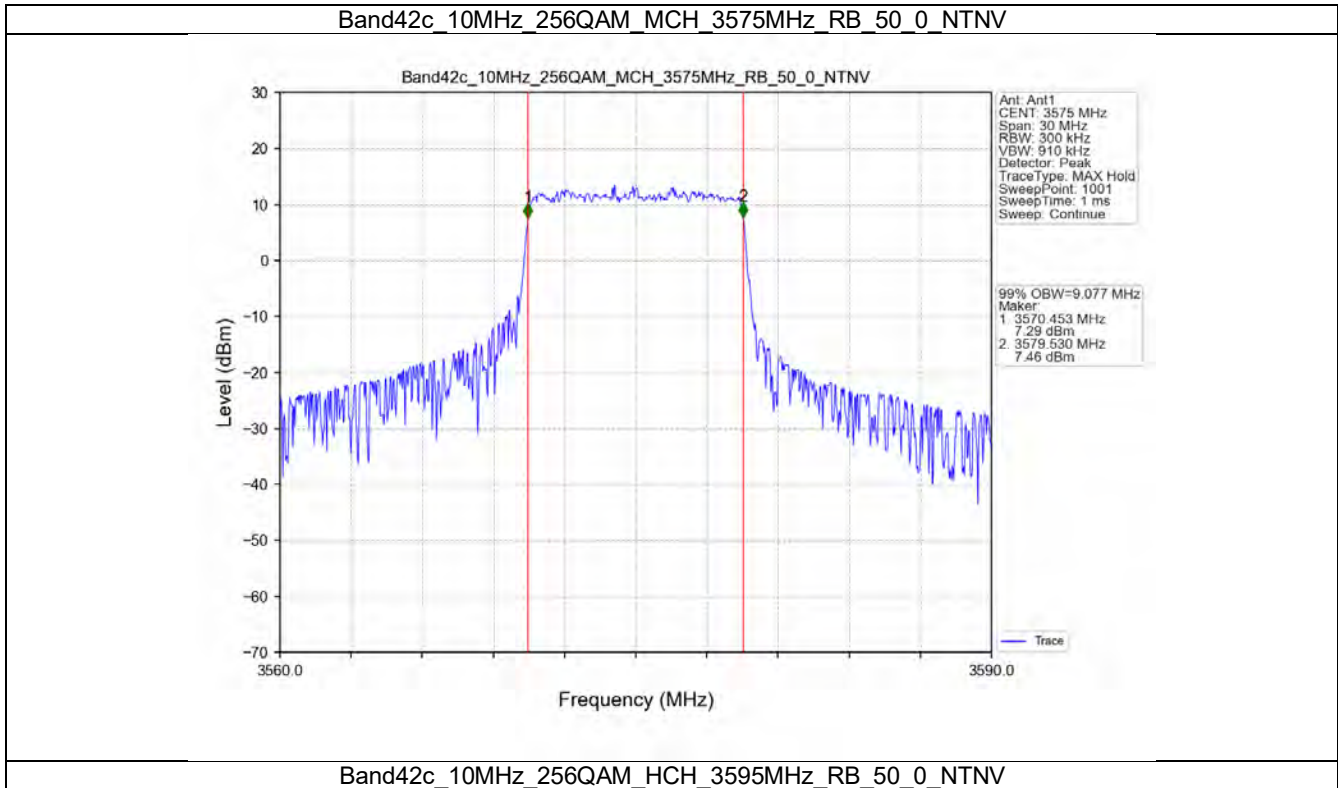


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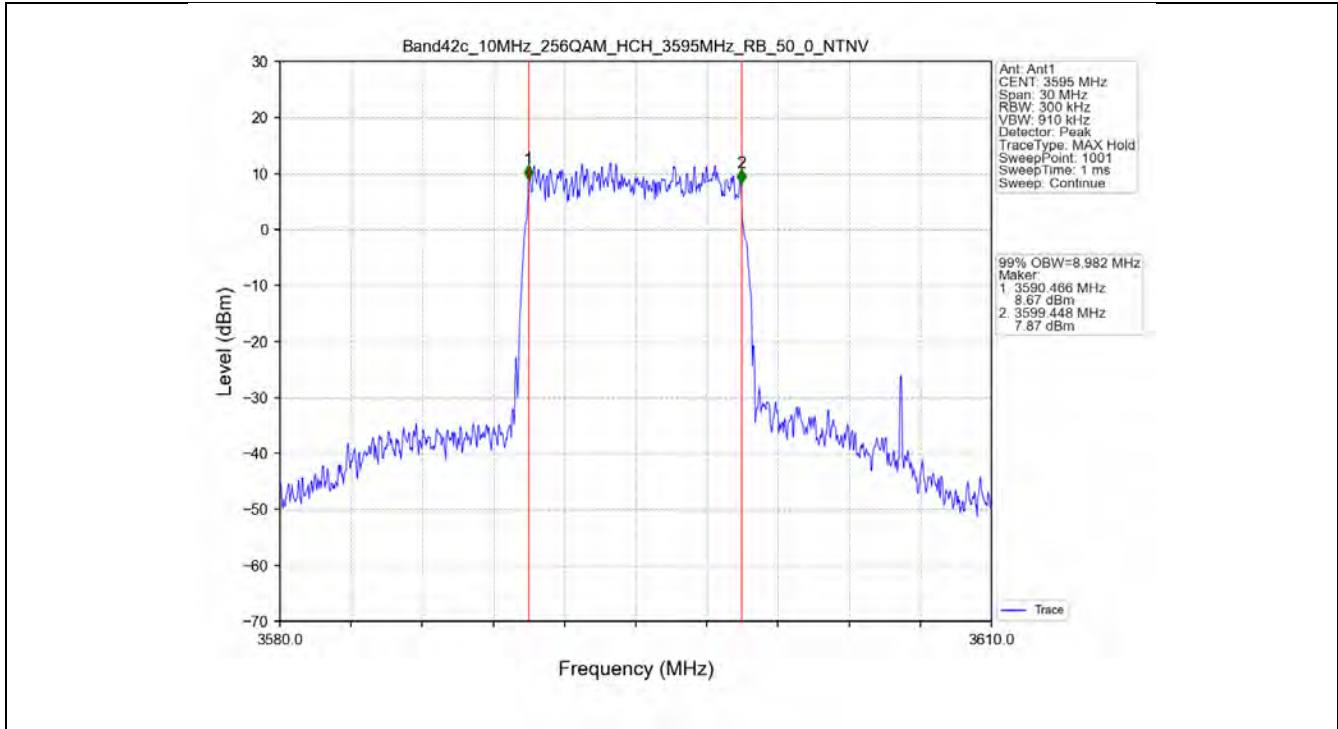


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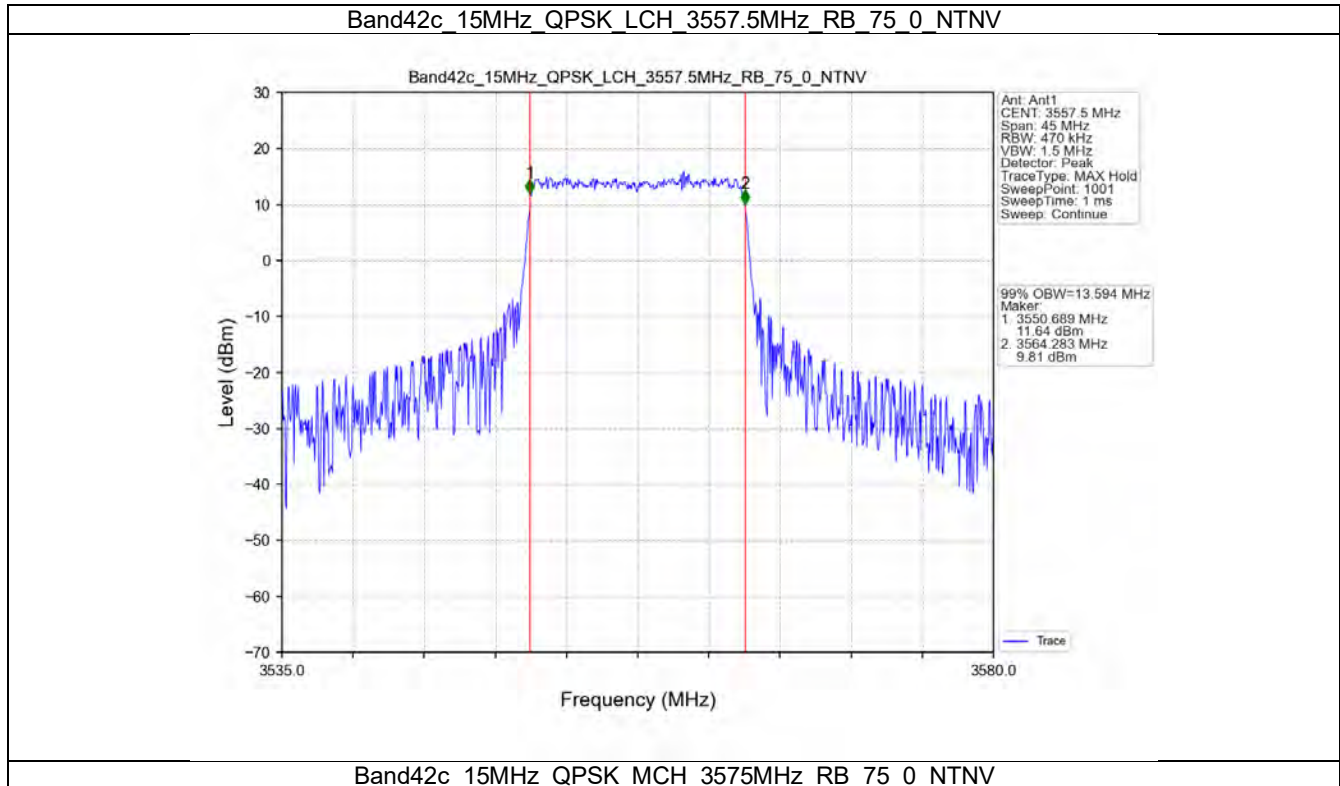


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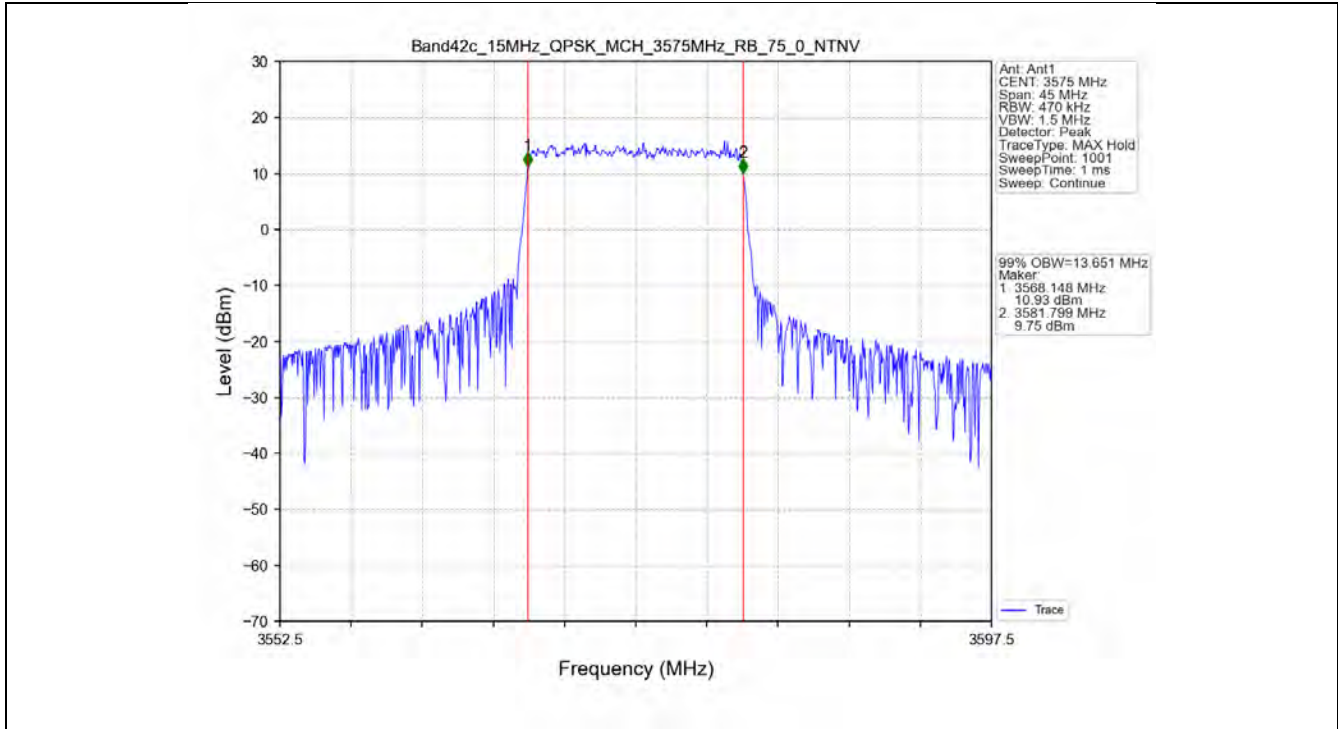


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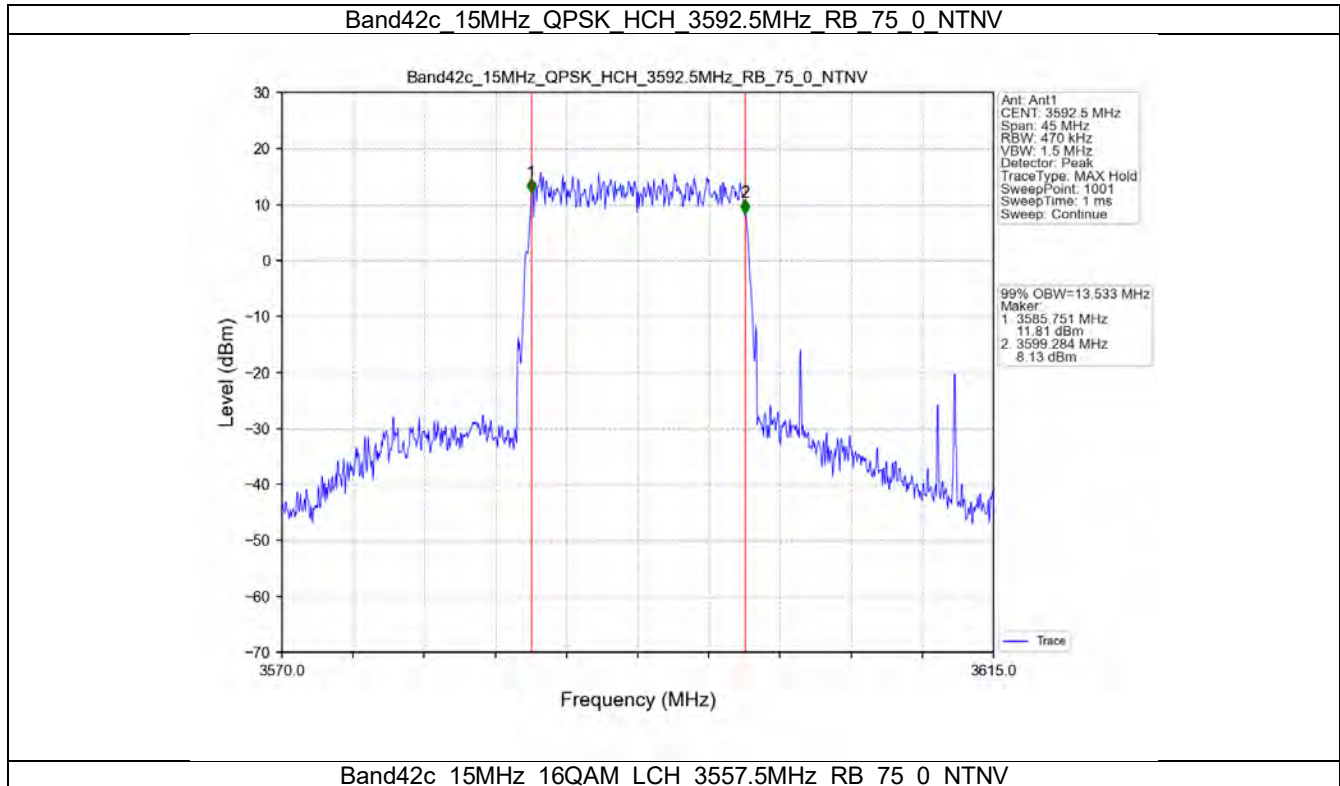


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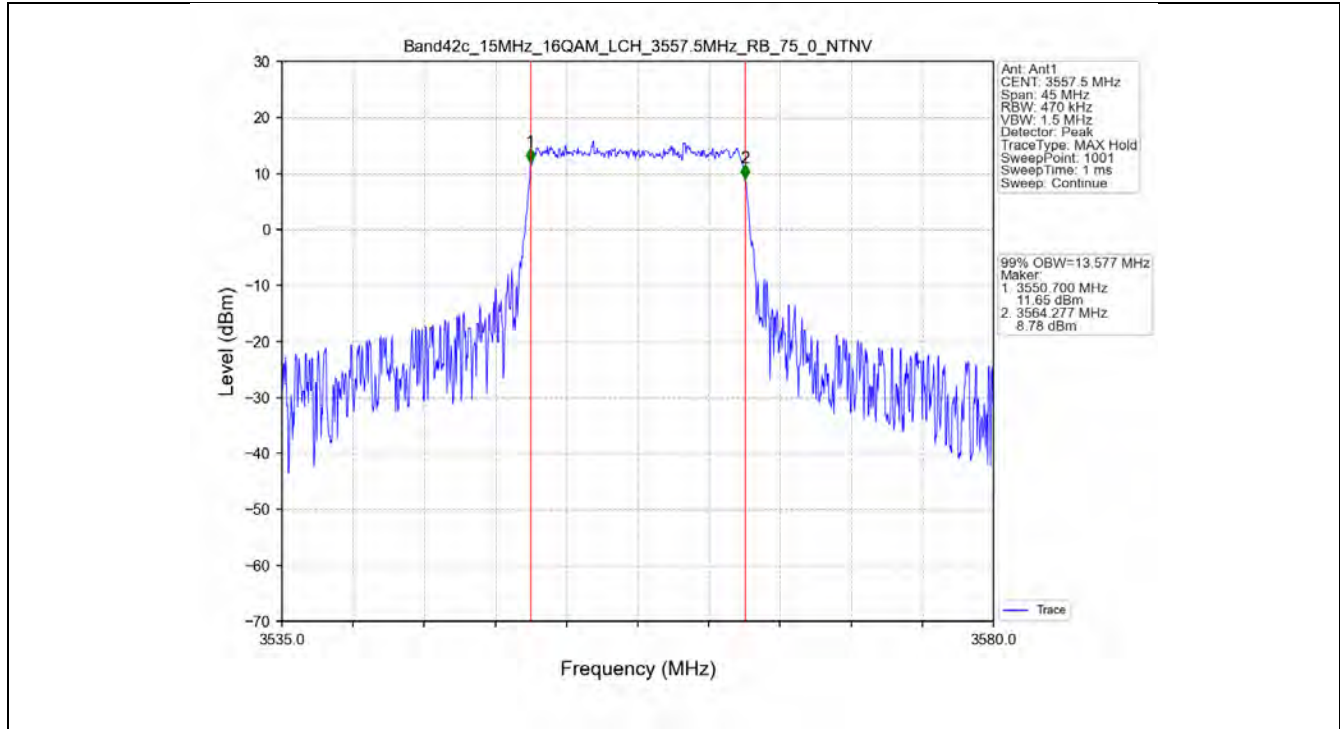


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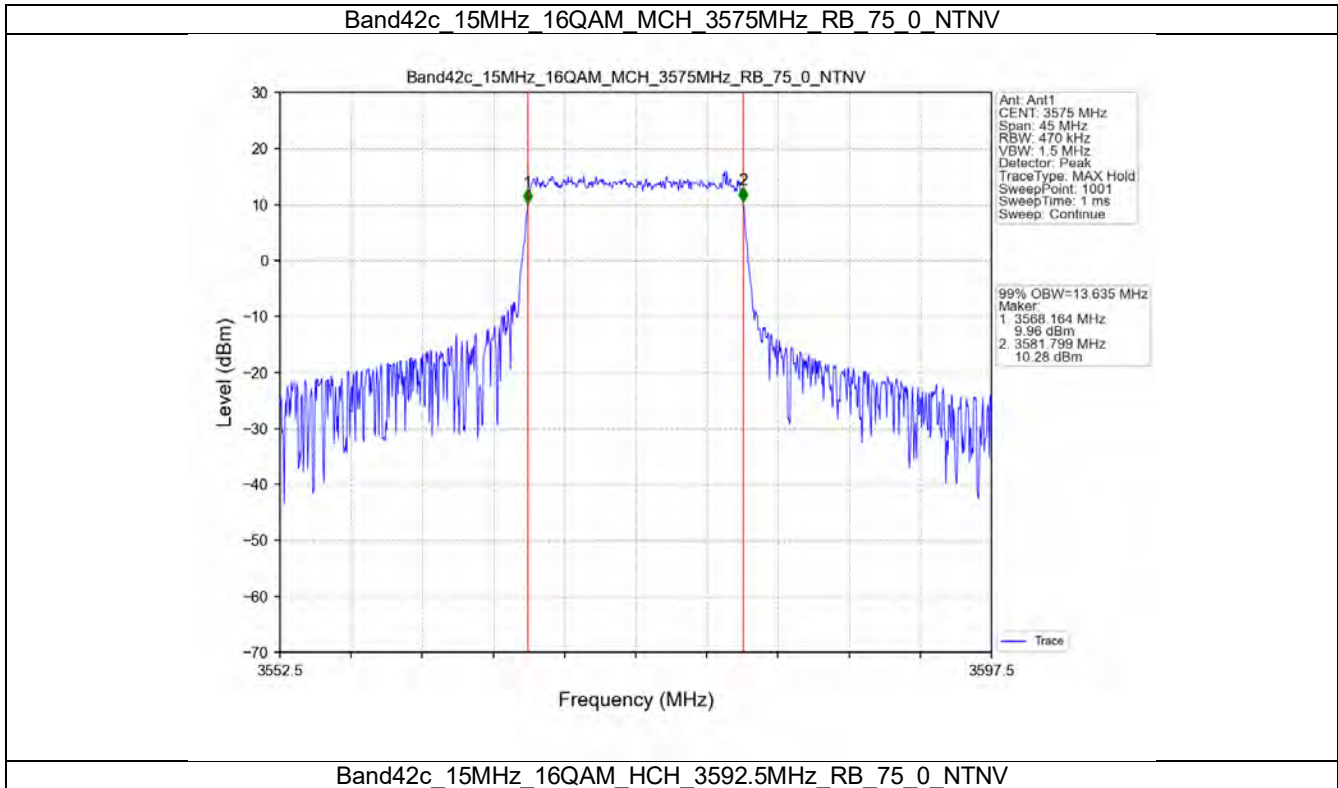


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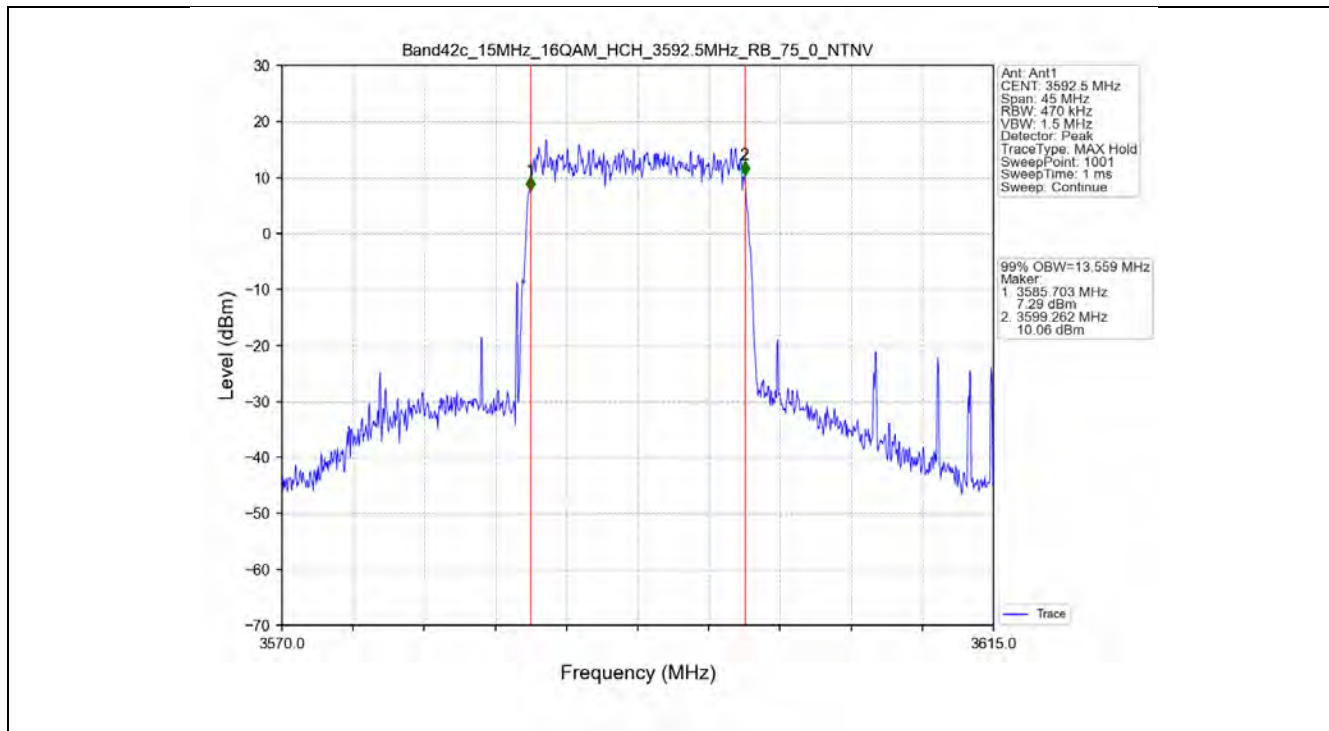
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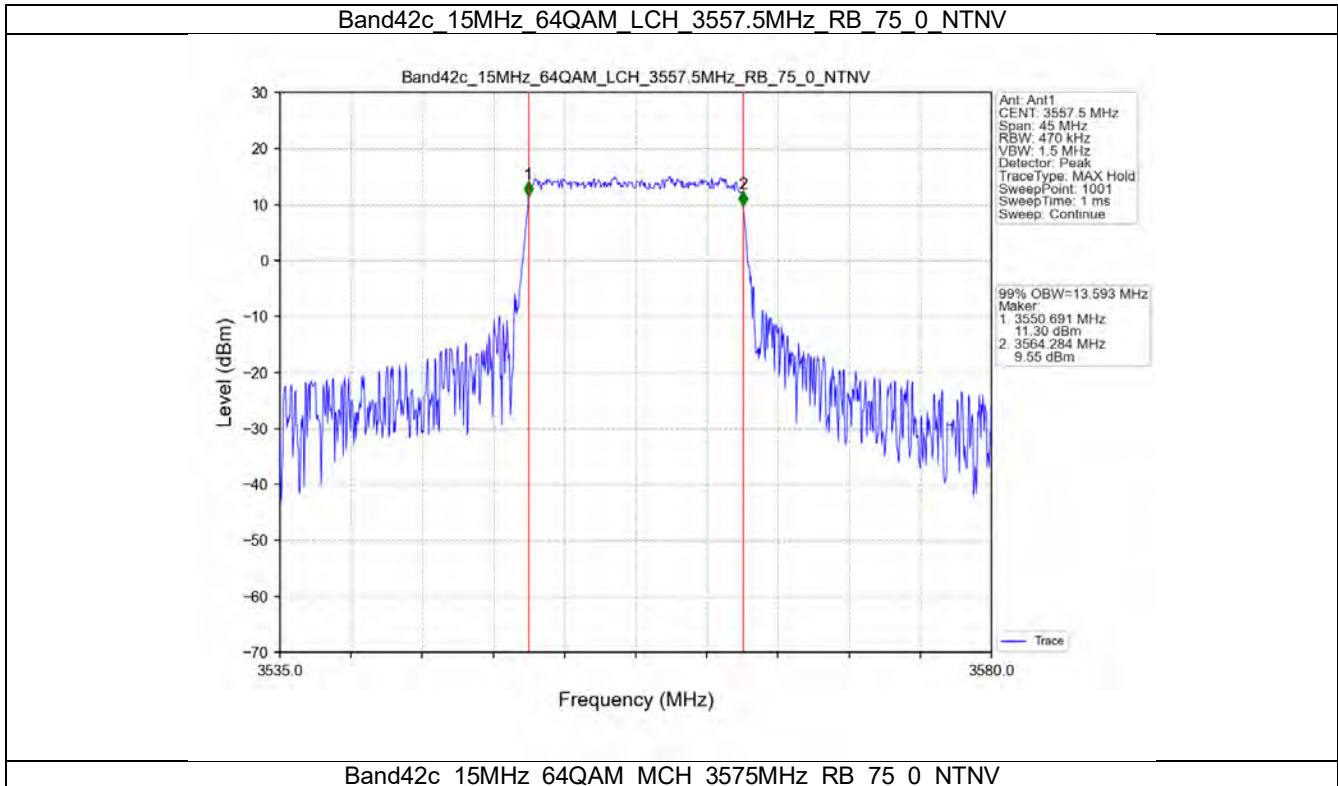


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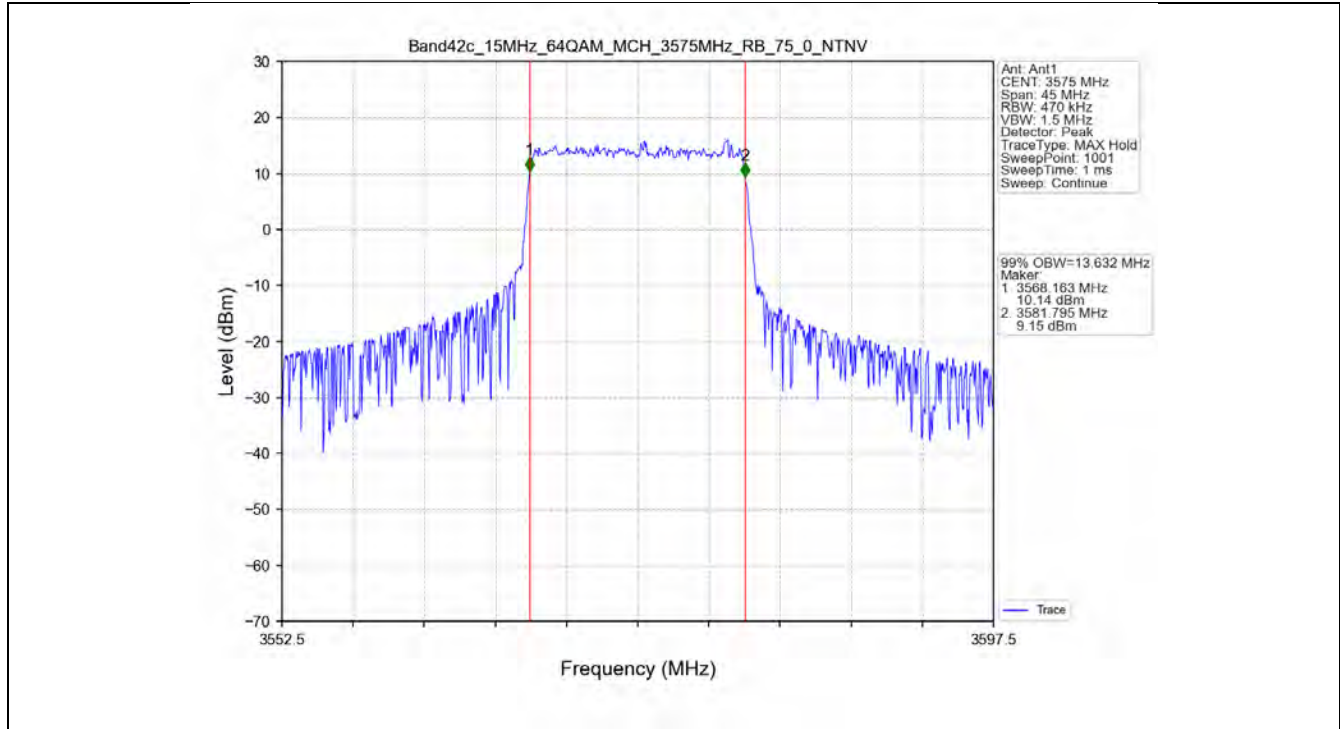


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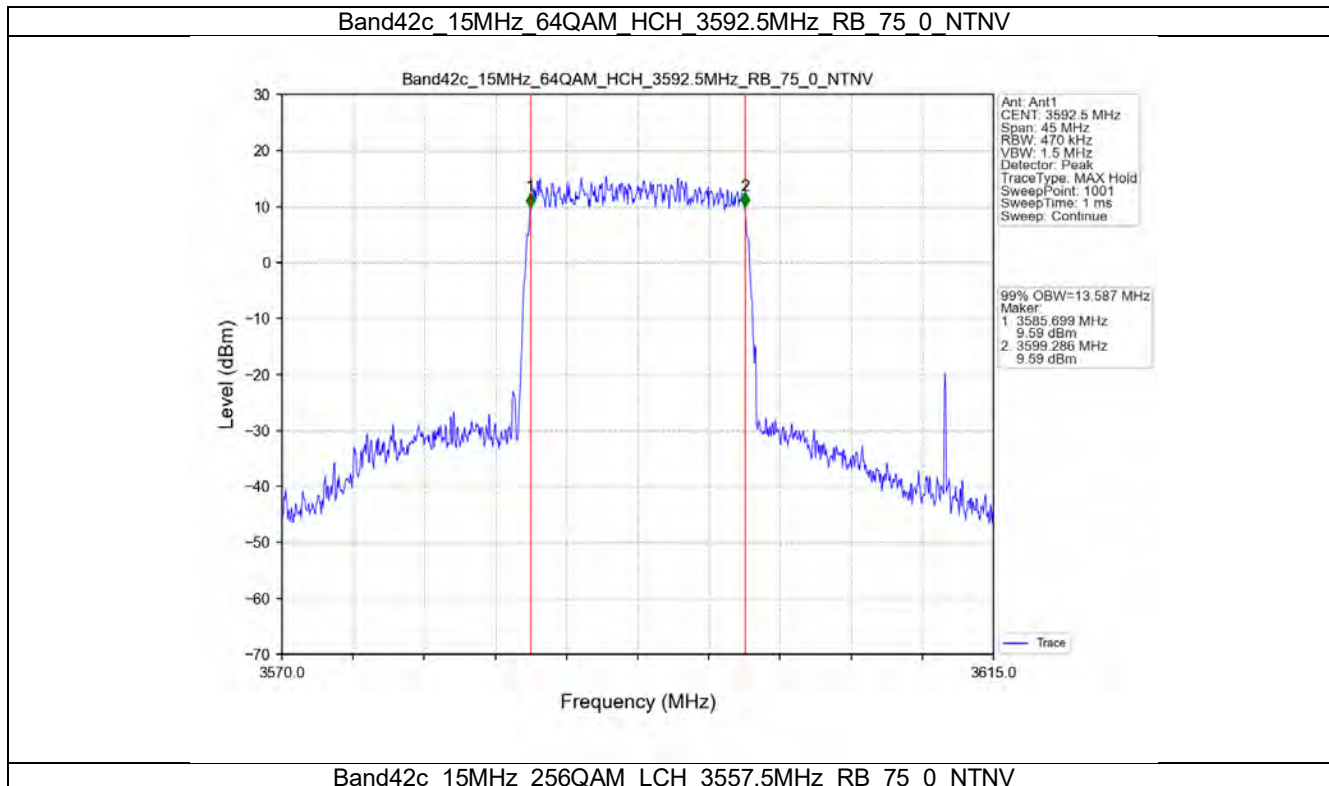
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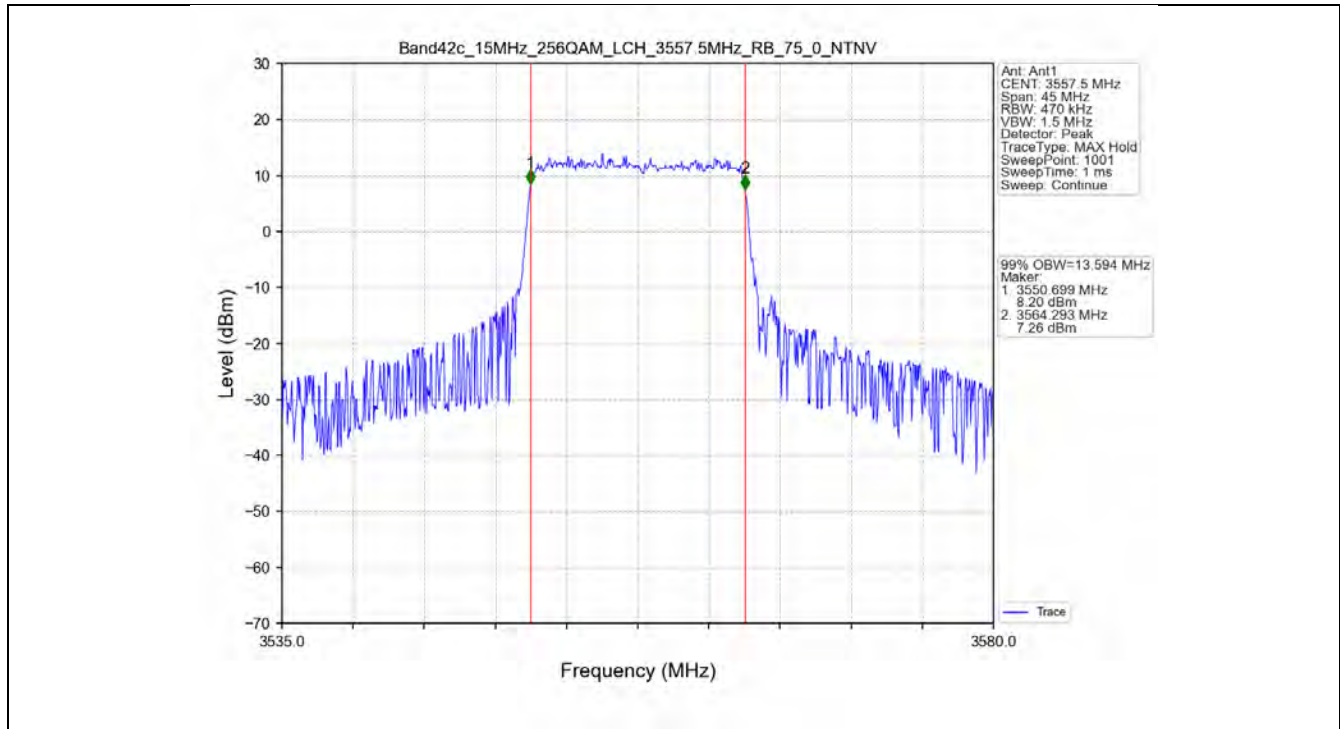


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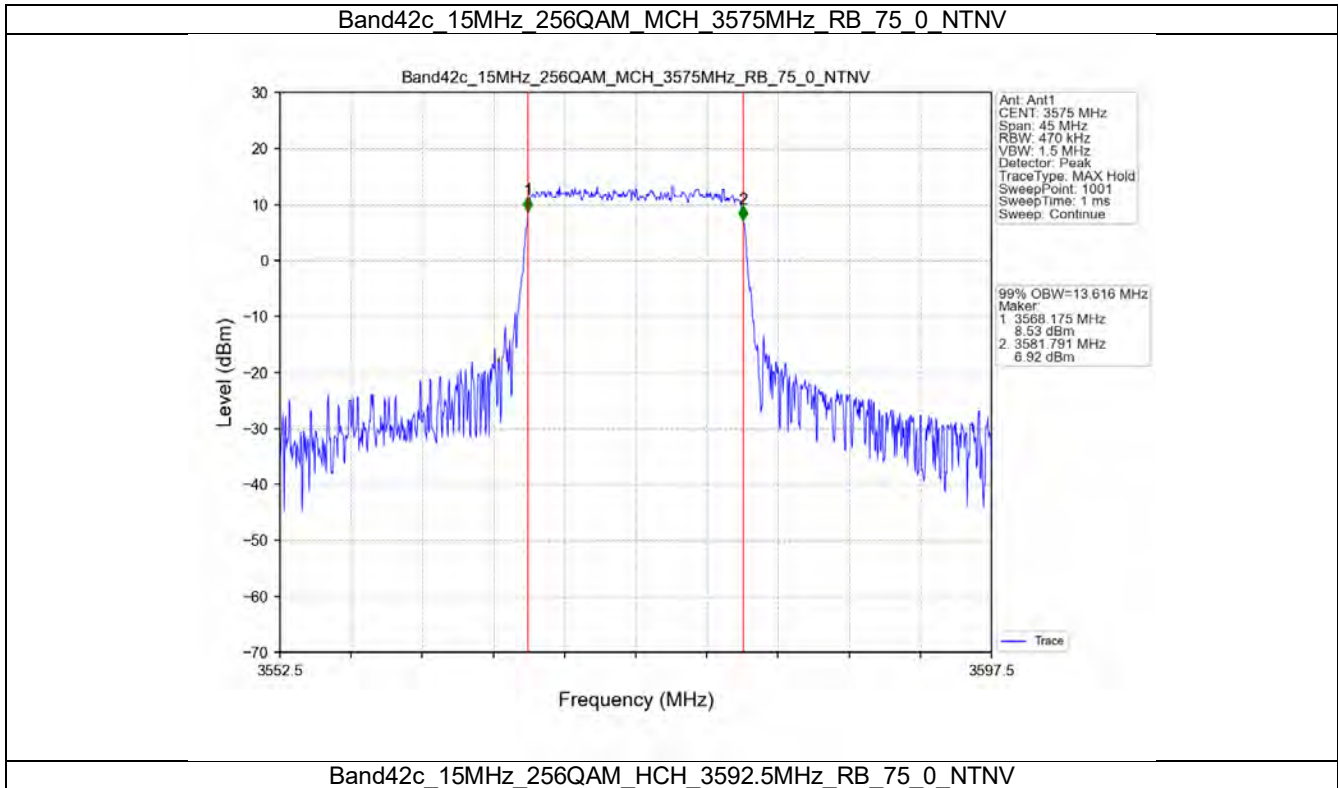


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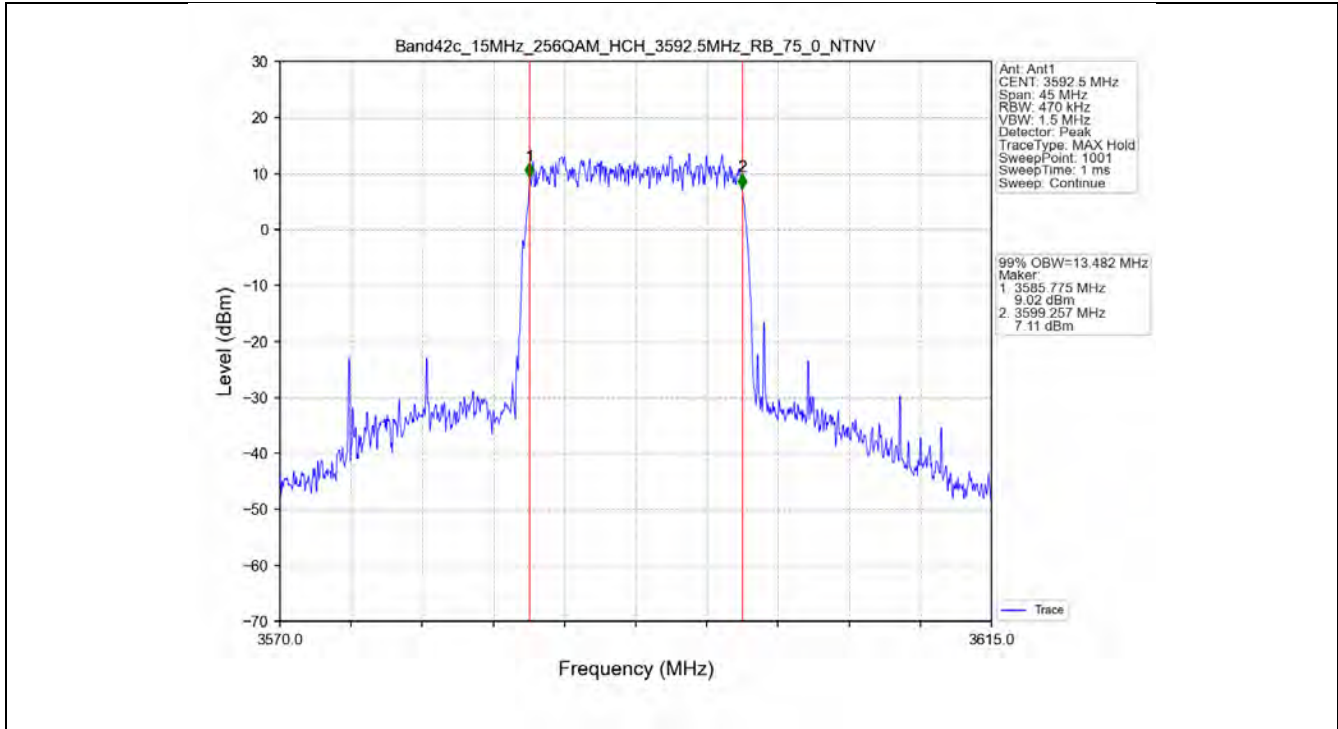


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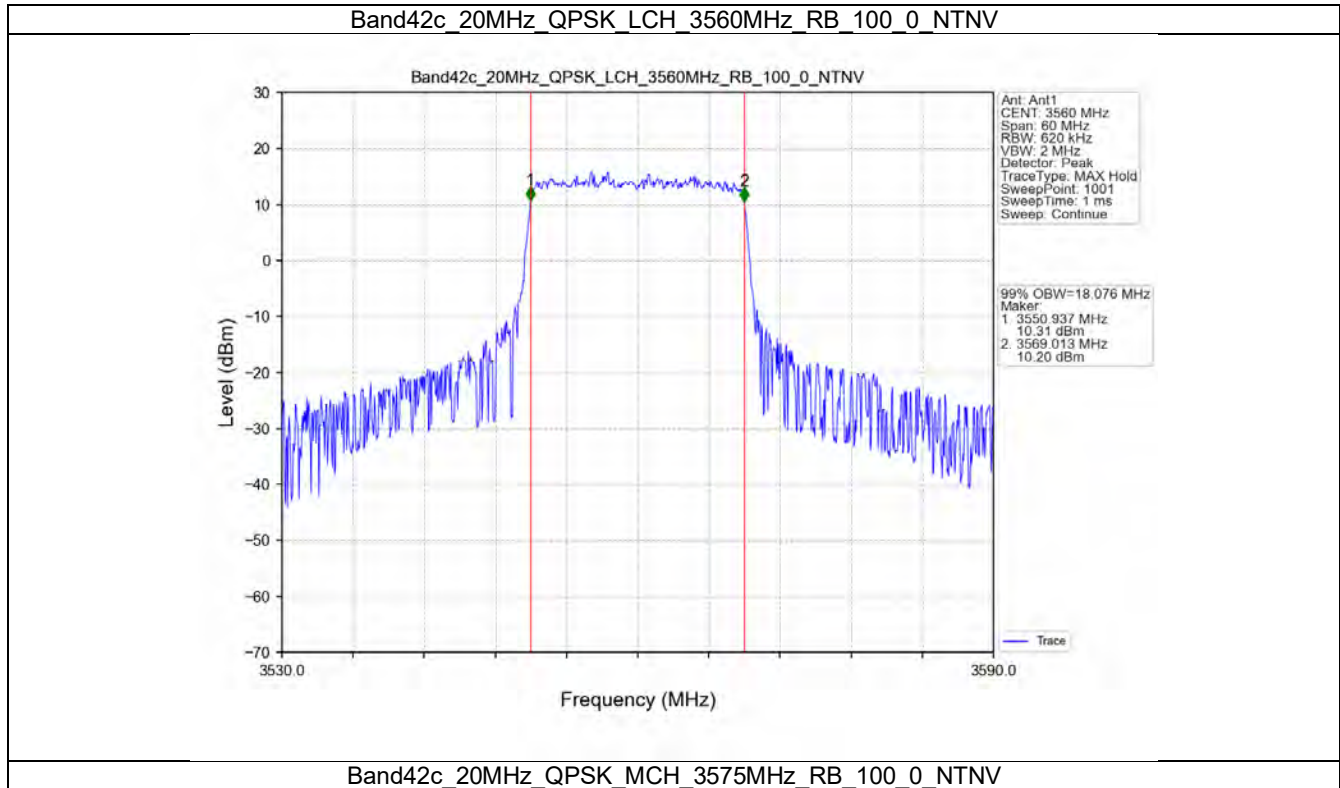


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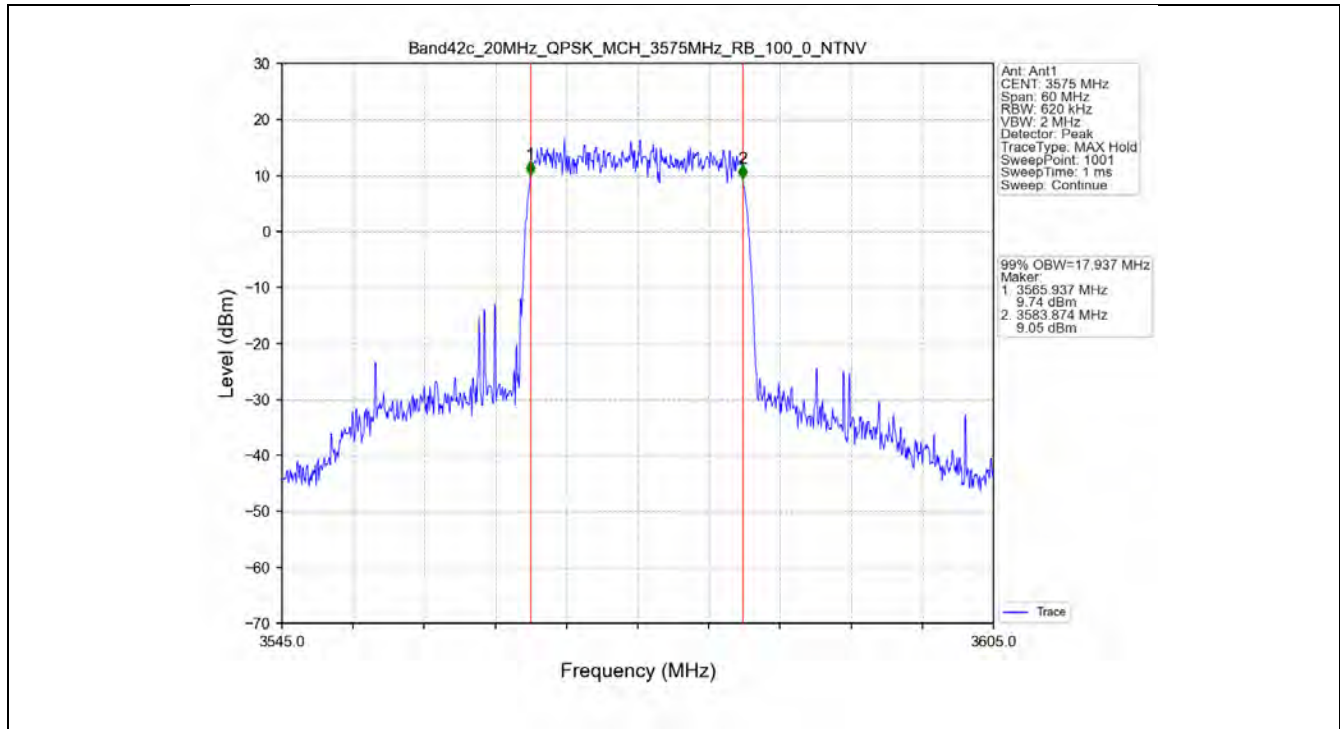


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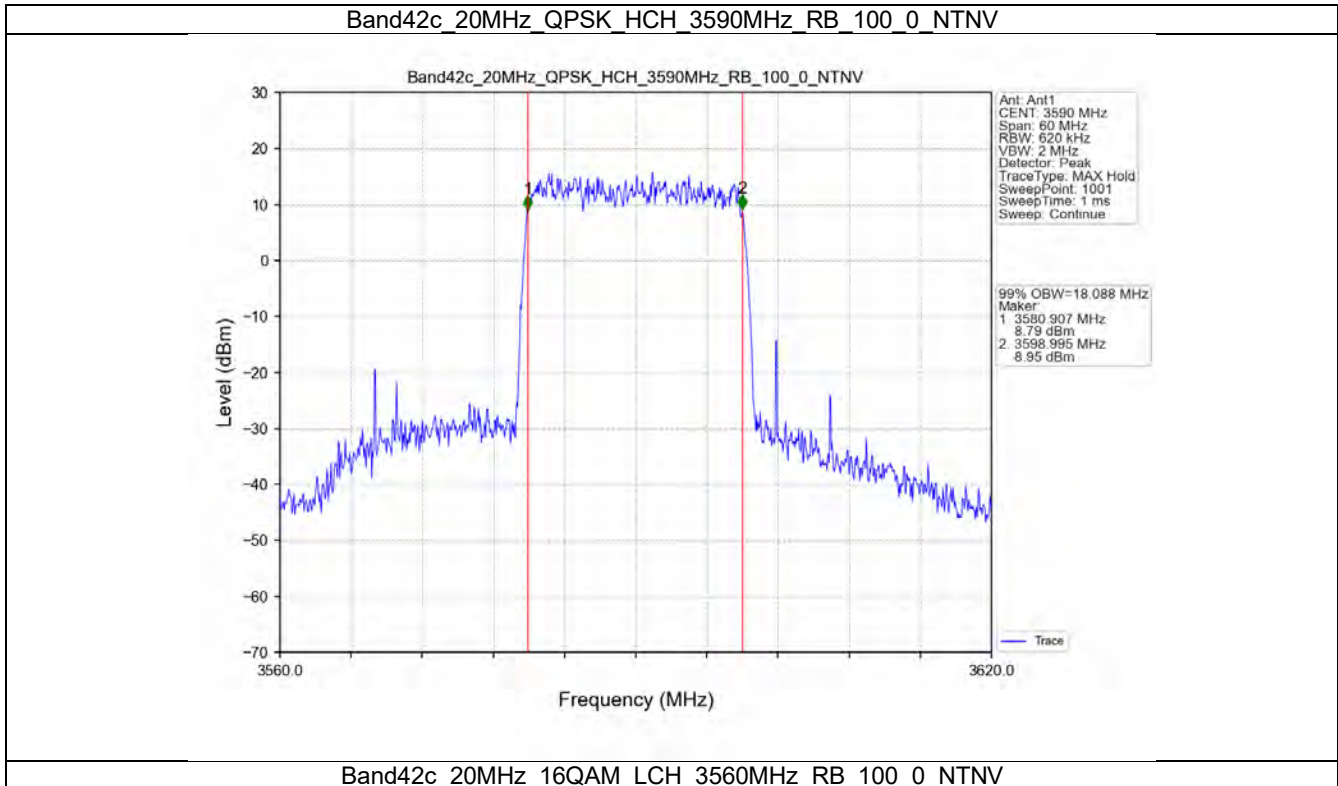


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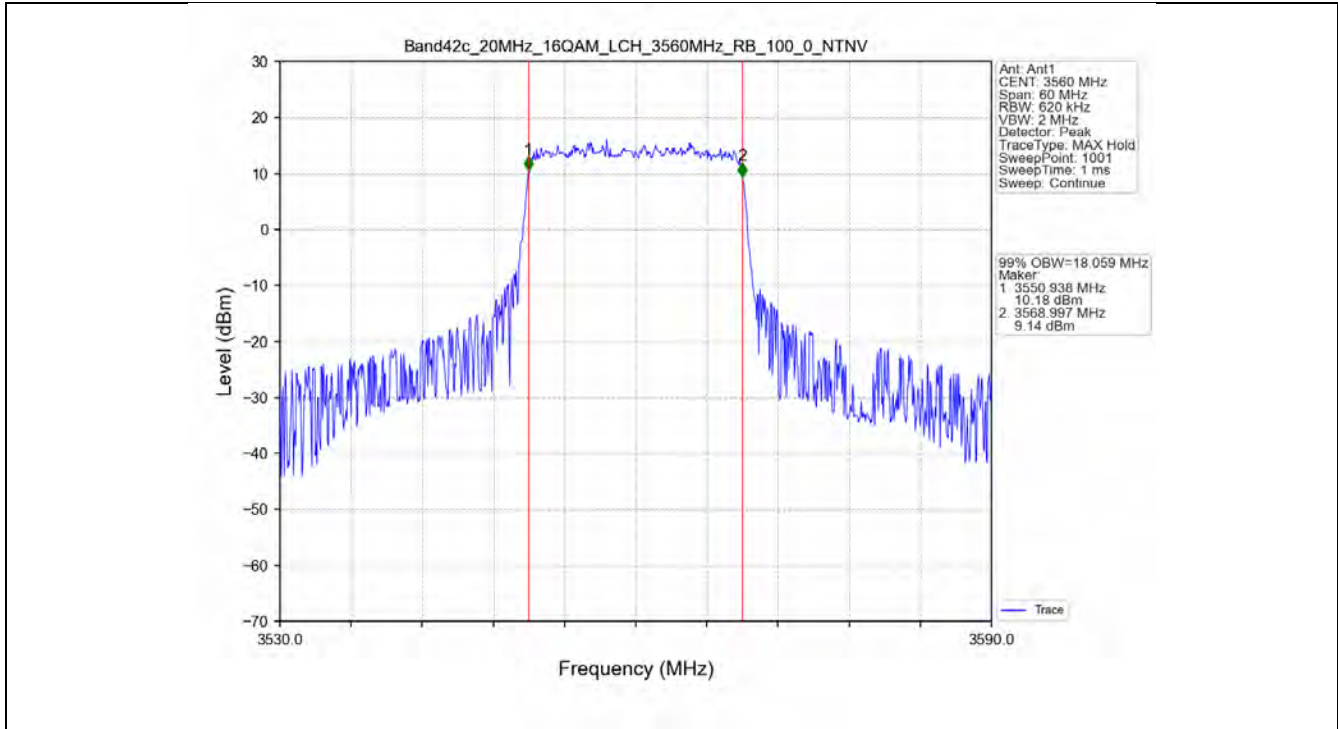


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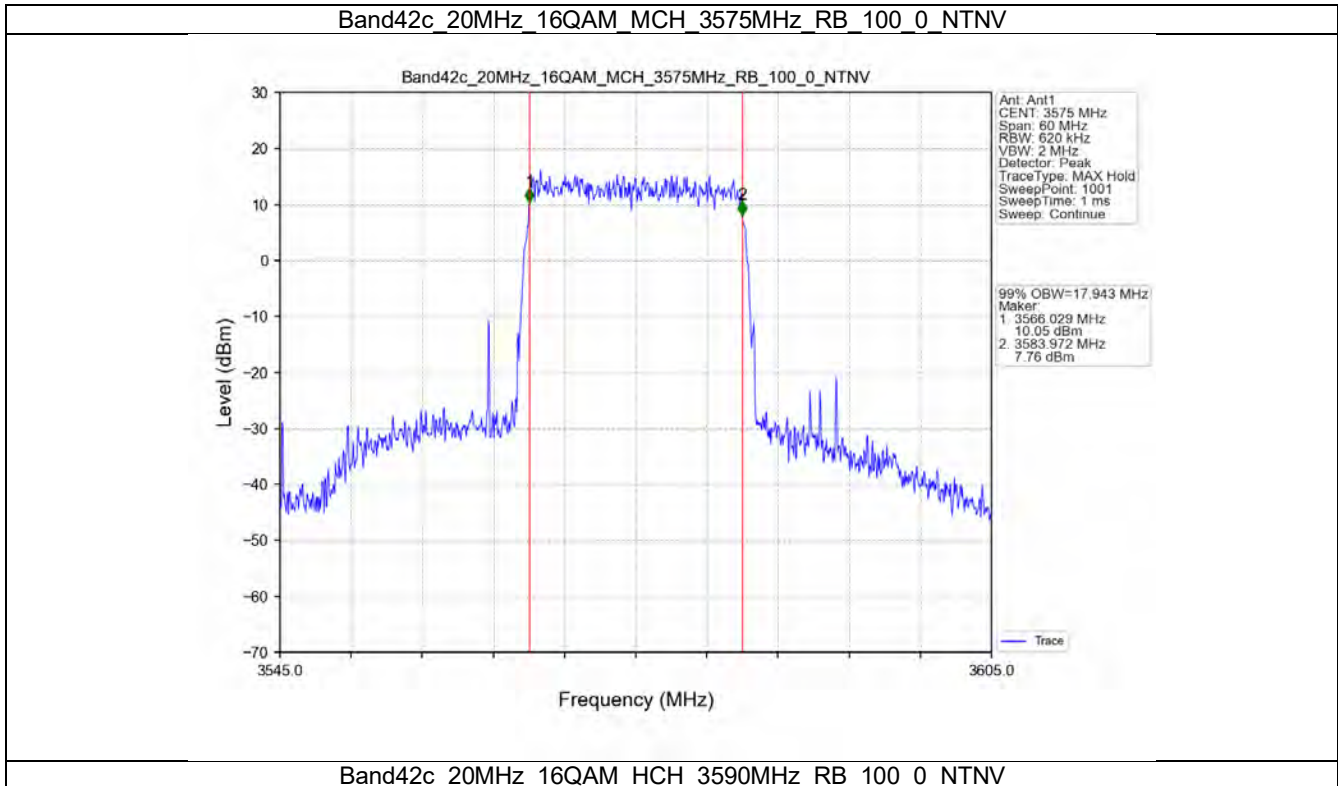


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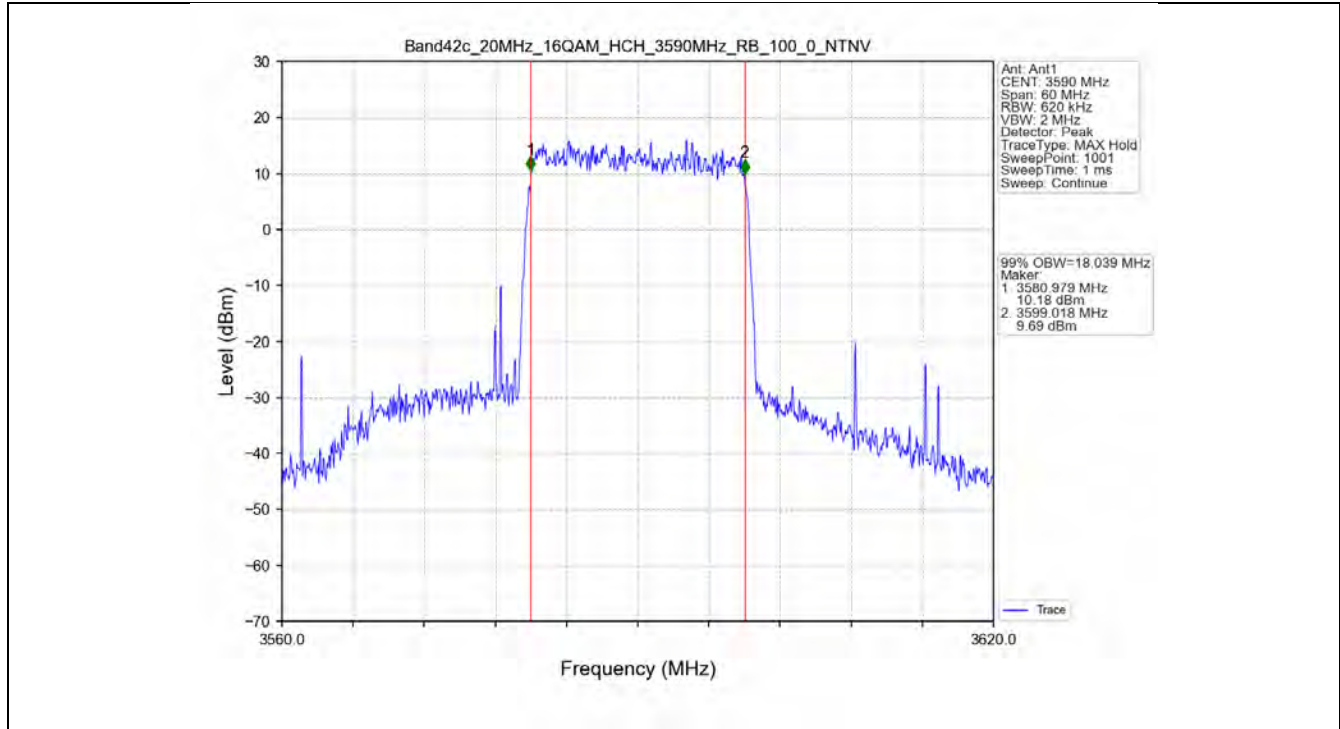


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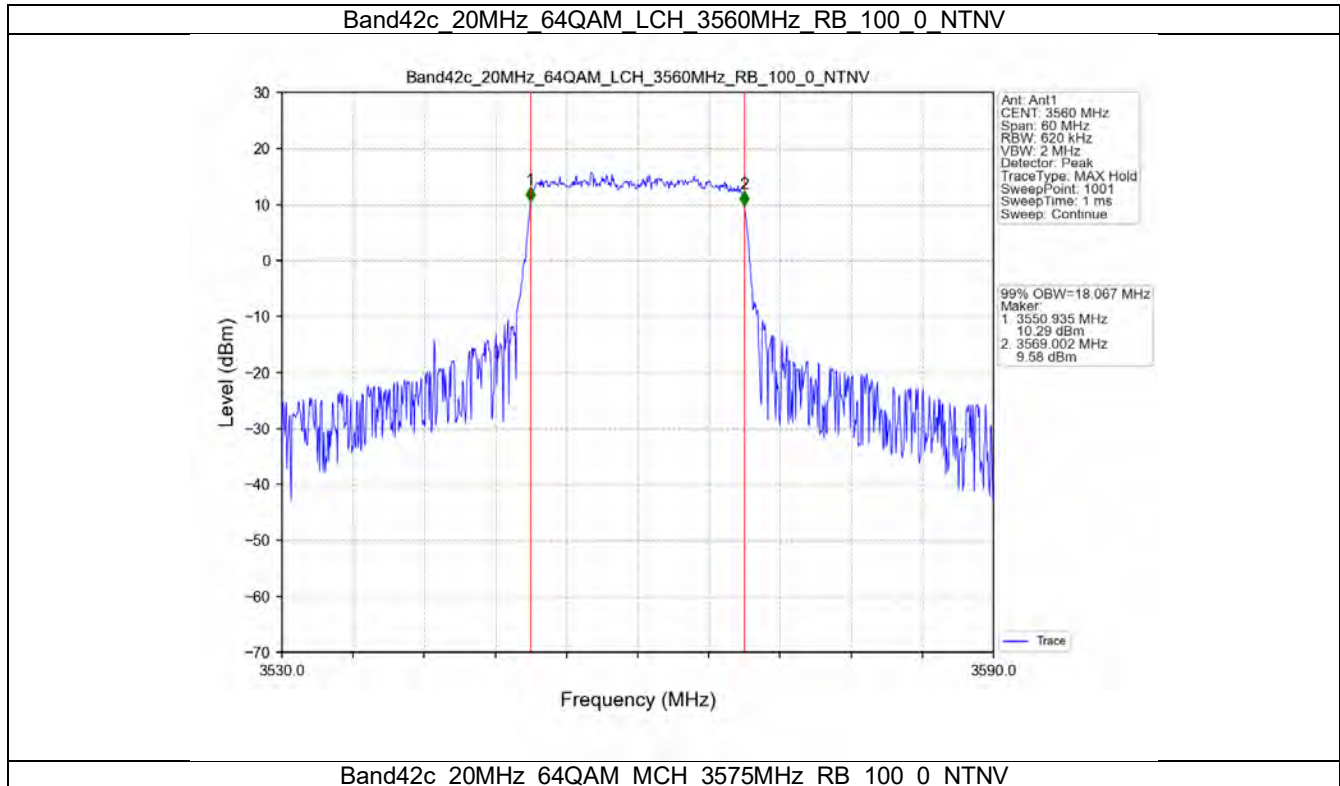


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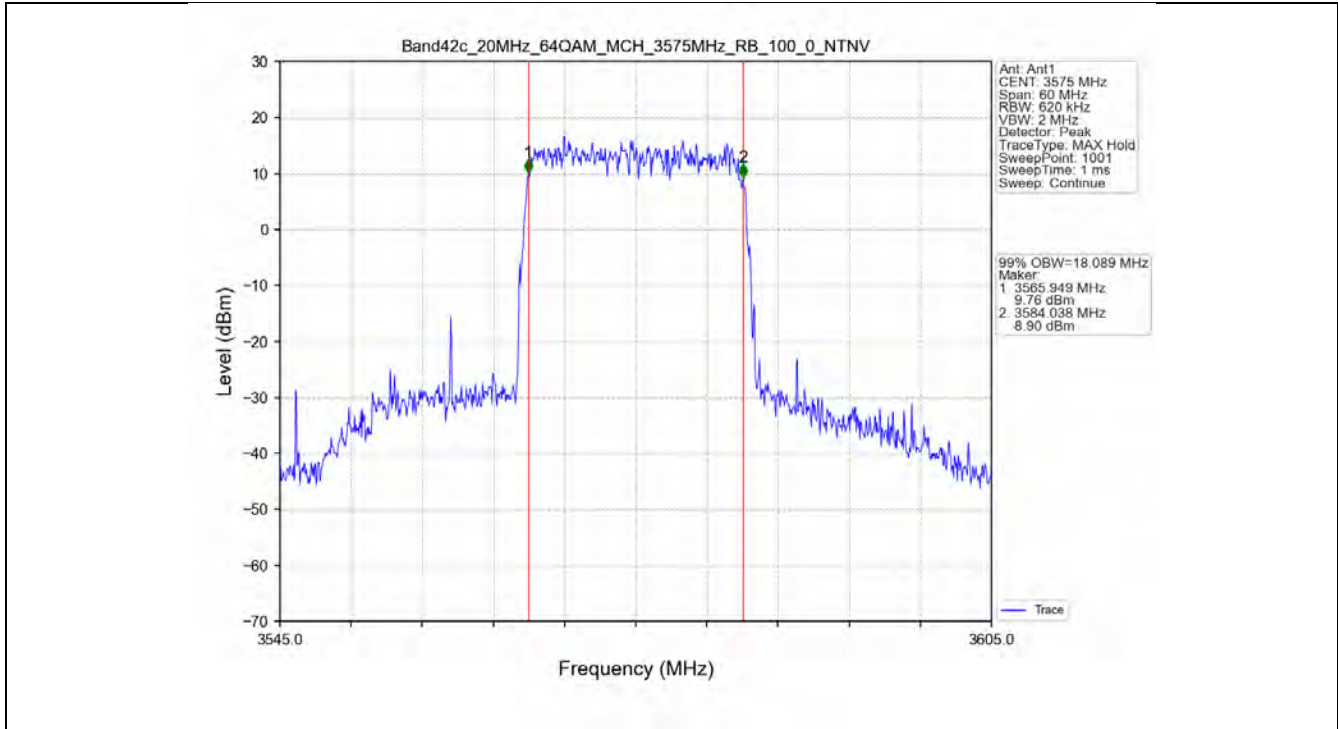


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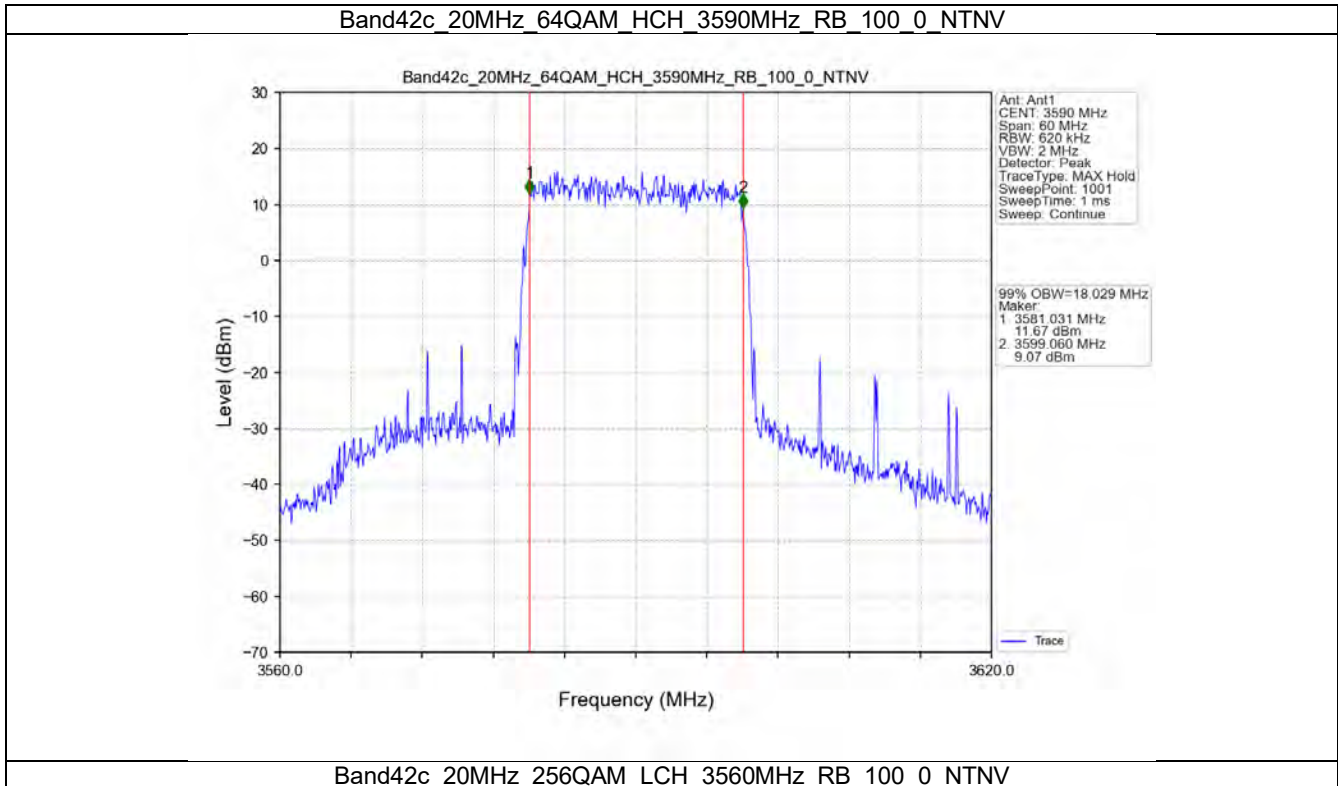


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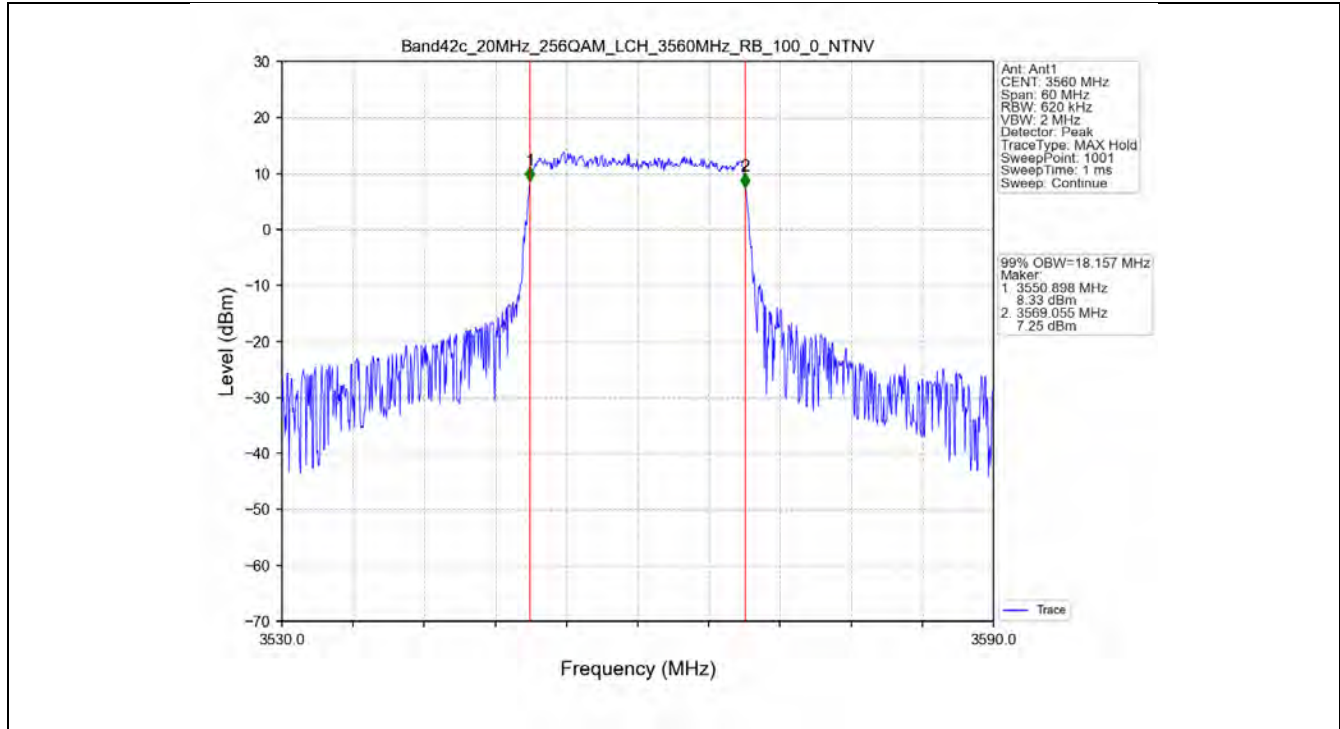


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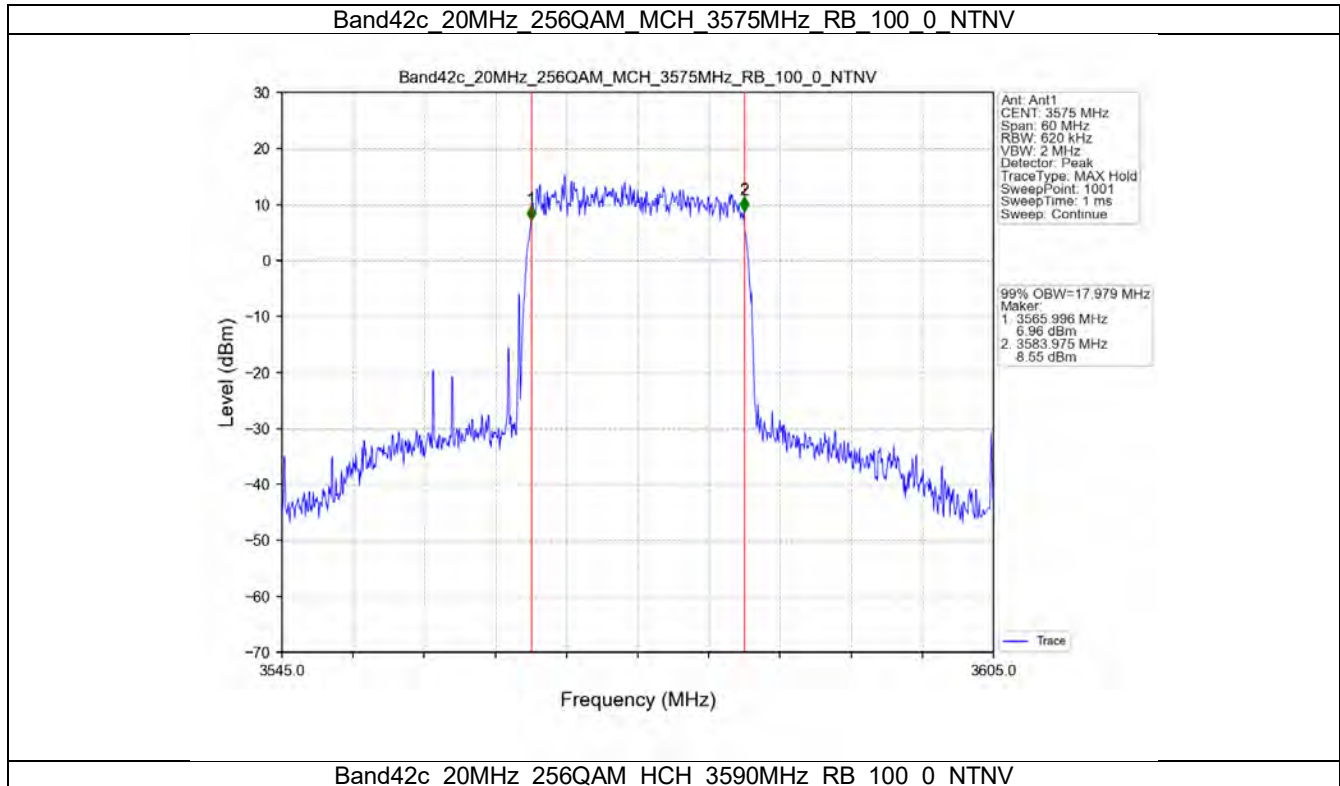


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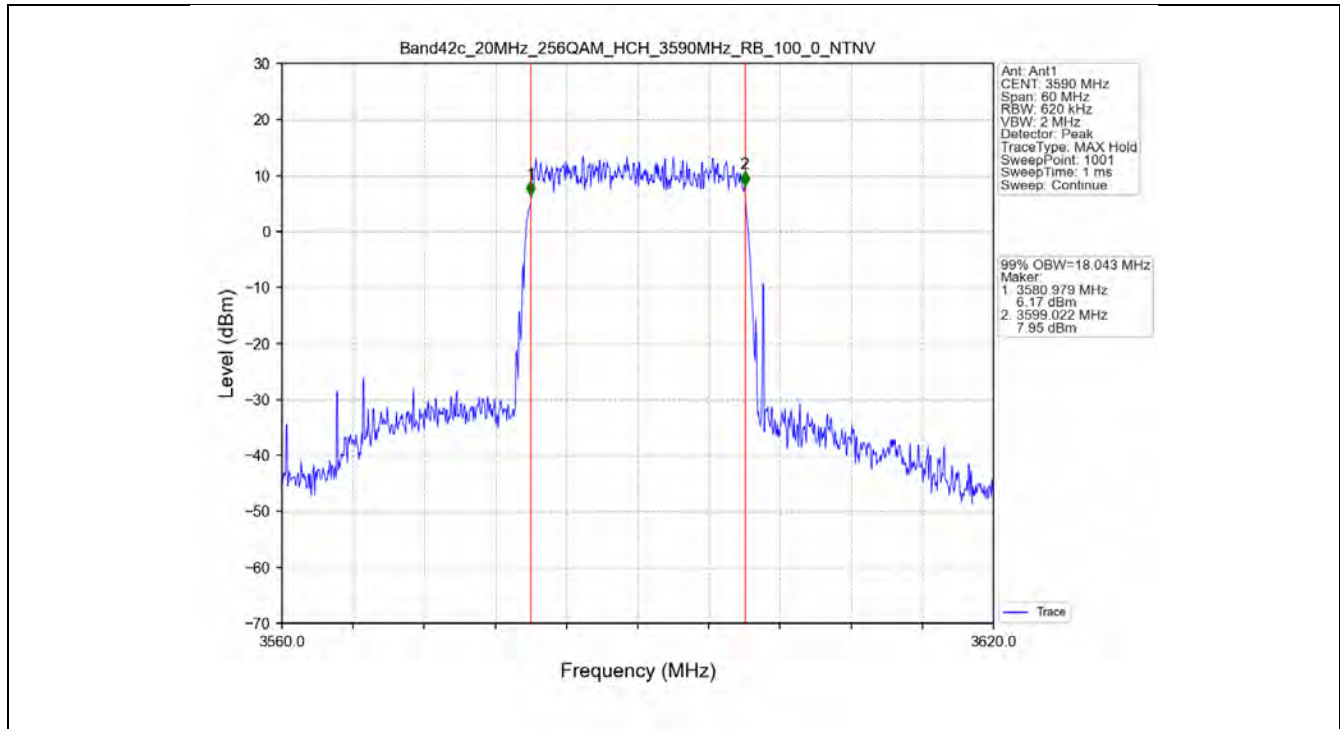


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## 3.2 Band42c\_XDB

### 3.2.1 Test Result

Band: 42c / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3552.5	25	0	5.229	/	Pass
		3575	25	0	5.149	/	Pass
		3597.5	25	0	4.909	/	Pass
	16QAM	3552.5	25	0	5.348	/	Pass
		3575	25	0	5.157	/	Pass
		3597.5	25	0	4.910	/	Pass
	64QAM	3552.5	25	0	5.246	/	Pass
		3575	25	0	5.025	/	Pass
		3597.5	25	0	4.976	/	Pass
	256QAM	3552.5	25	0	5.421	/	Pass
		3575	25	0	5.190	/	Pass
		3597.5	25	0	4.905	/	Pass
10	QPSK	3555	50	0	9.997	/	Pass
		3575	50	0	10.749	/	Pass
		3595	50	0	9.661	/	Pass
	16QAM	3555	50	0	9.963	/	Pass
		3575	50	0	10.693	/	Pass
		3595	50	0	10.777	/	Pass
	64QAM	3555	50	0	9.999	/	Pass
		3575	50	0	10.829	/	Pass
		3595	50	0	10.177	/	Pass
	256QAM	3555	50	0	10.744	/	Pass
		3575	50	0	11.129	/	Pass
		3595	50	0	9.743	/	Pass
15	QPSK	3557.5	75	0	16.753	/	Pass
		3575	75	0	16.030	/	Pass
		3592.5	75	0	14.520	/	Pass
	16QAM	3557.5	75	0	16.431	/	Pass
		3575	75	0	16.164	/	Pass
		3592.5	75	0	14.908	/	Pass
	64QAM	3557.5	75	0	17.561	/	Pass
		3575	75	0	15.712	/	Pass
		3592.5	75	0	14.563	/	Pass
	256QAM	3557.5	75	0	16.399	/	Pass
		3575	75	0	15.770	/	Pass
		3592.5	75	0	14.547	/	Pass
20	QPSK	3560	100	0	20.531	/	Pass
		3575	100	0	19.309	/	Pass



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		3590	100	0	19.431	/	Pass
	16QAM	3560	100	0	20.624	/	Pass
		3575	100	0	19.355	/	Pass
		3590	100	0	19.359	/	Pass
	64QAM	3560	100	0	20.377	/	Pass
		3575	100	0	19.563	/	Pass
		3590	100	0	19.396	/	Pass
	256QAM	3560	100	0	20.688	/	Pass
		3575	100	0	19.717	/	Pass
		3590	100	0	20.416	/	Pass



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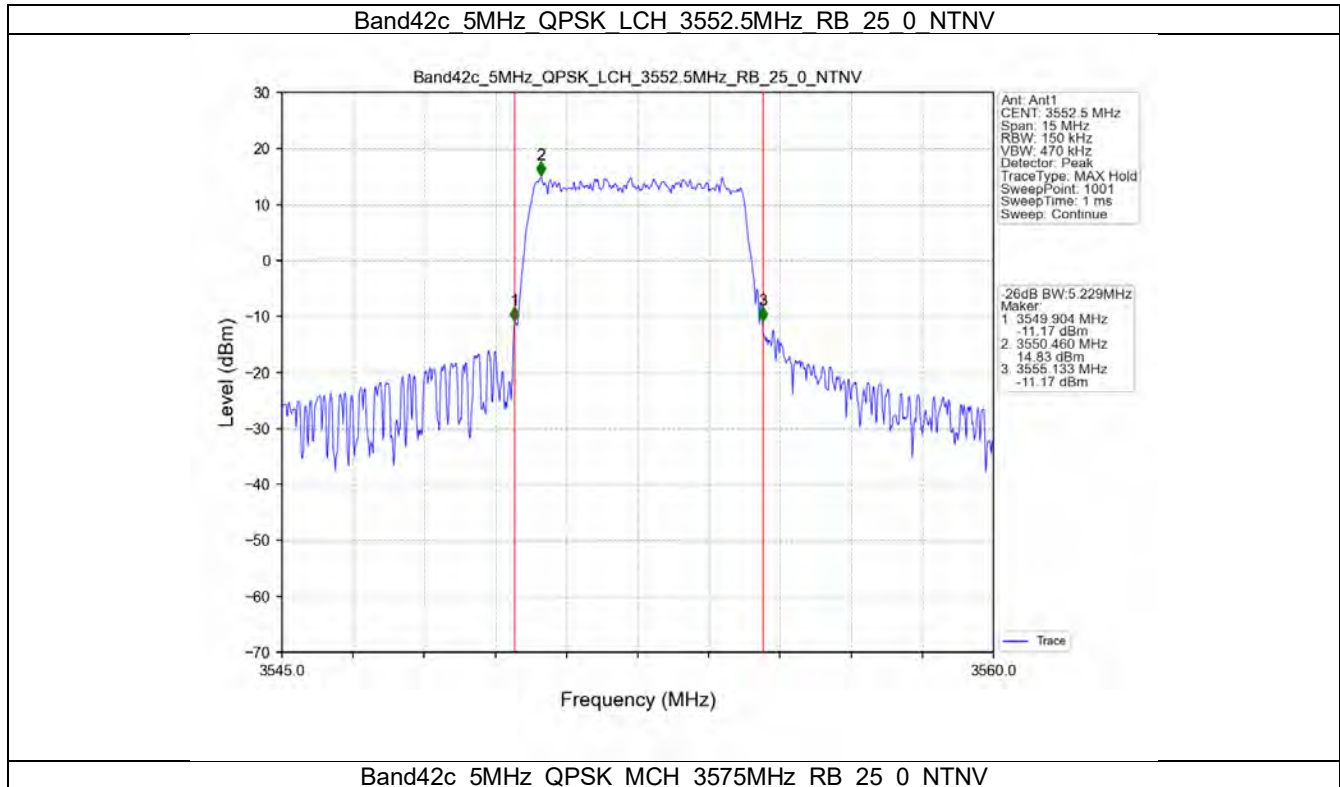
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3.2.2 Test Graph



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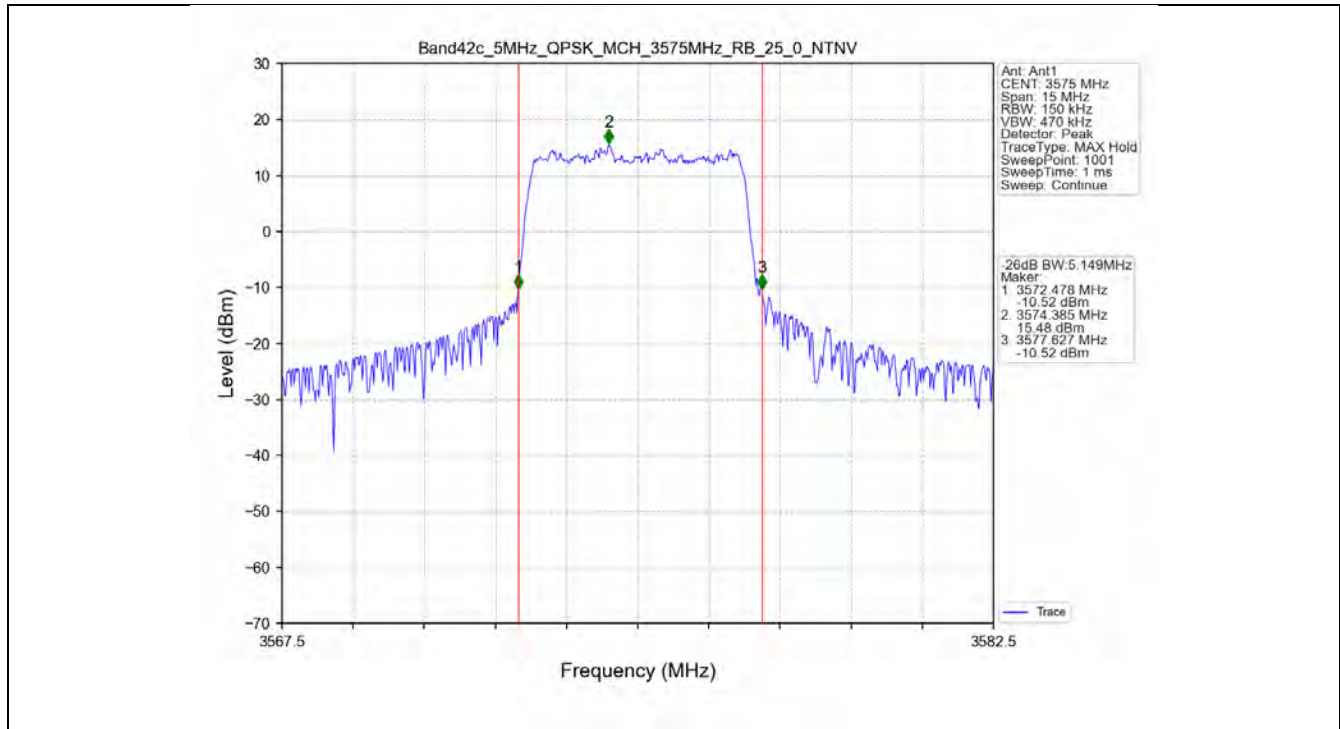


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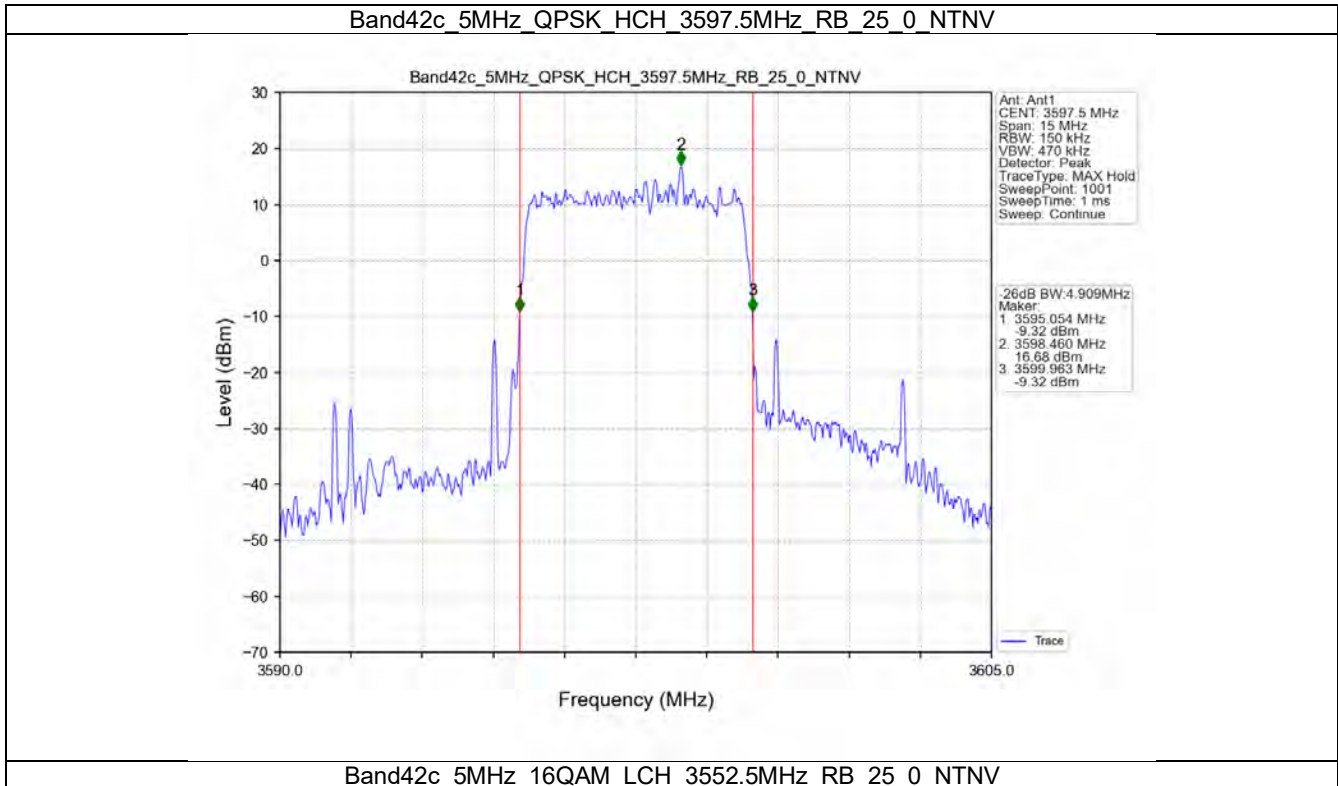


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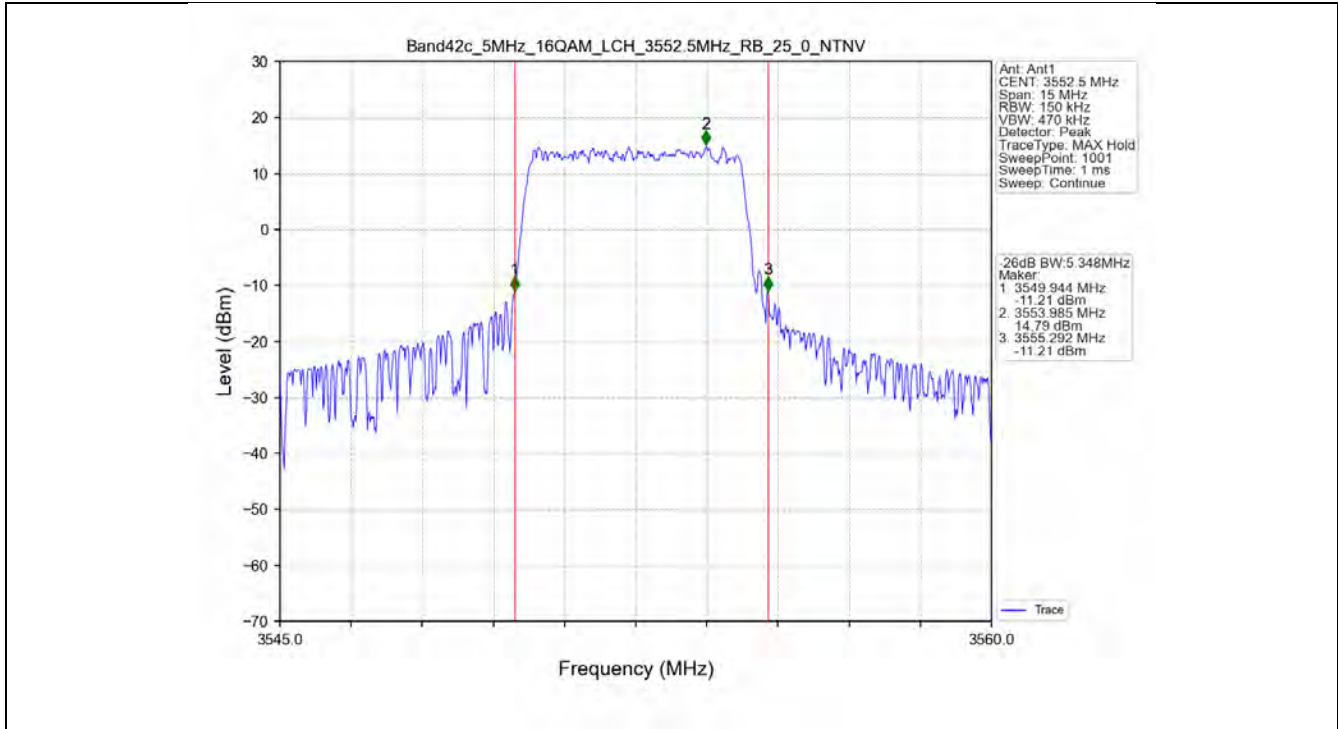


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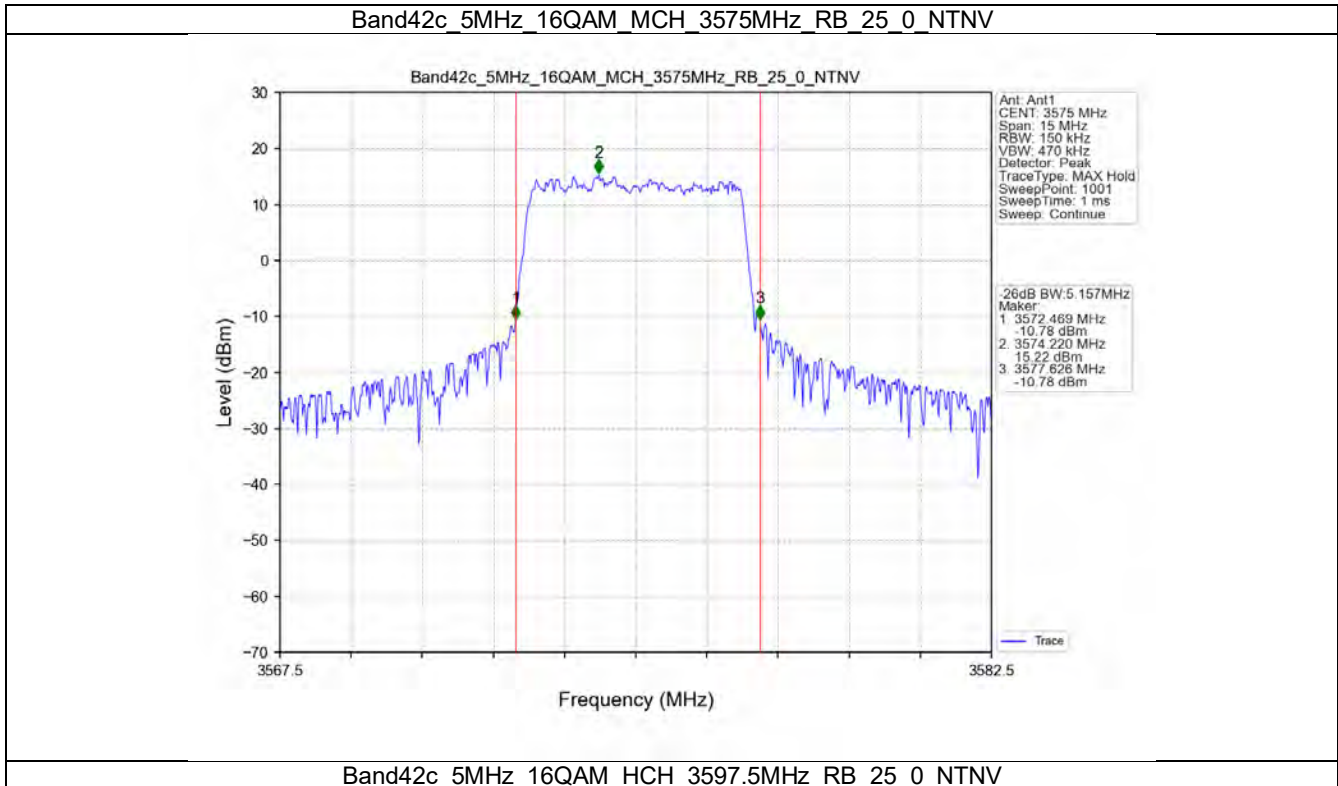


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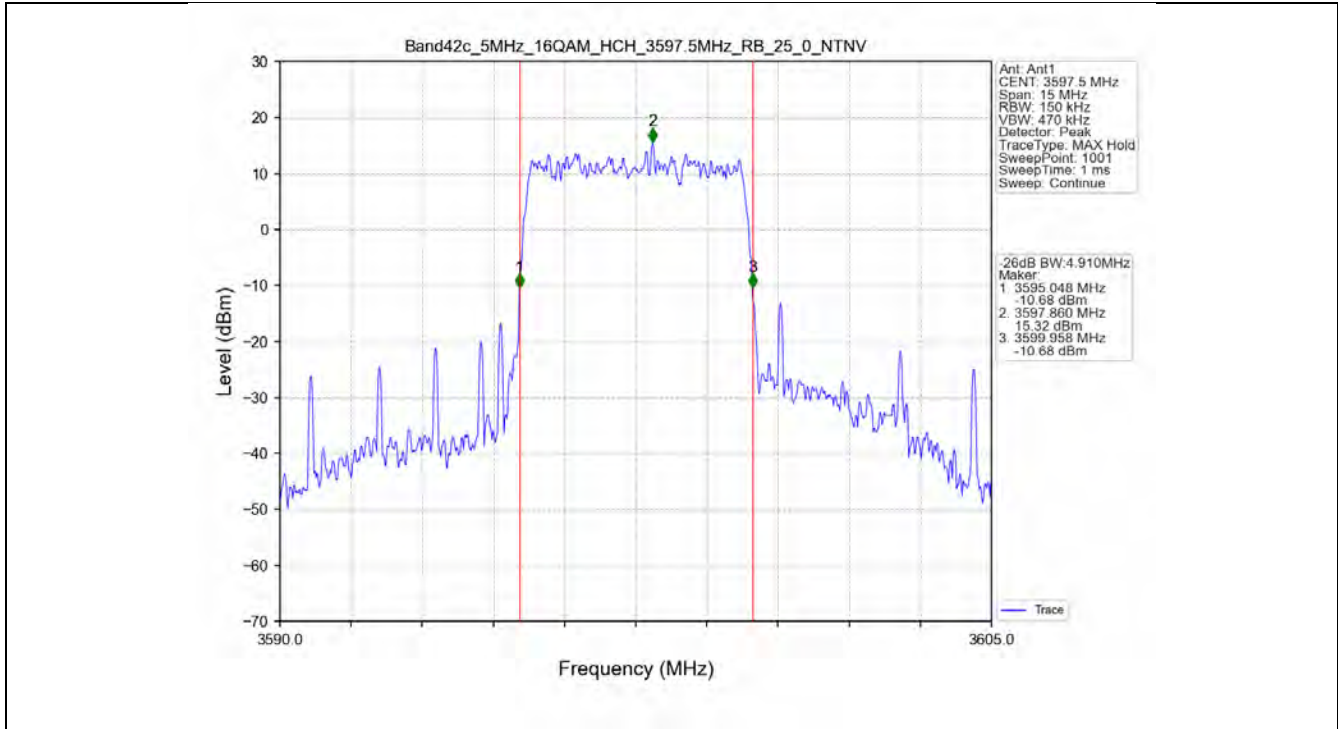


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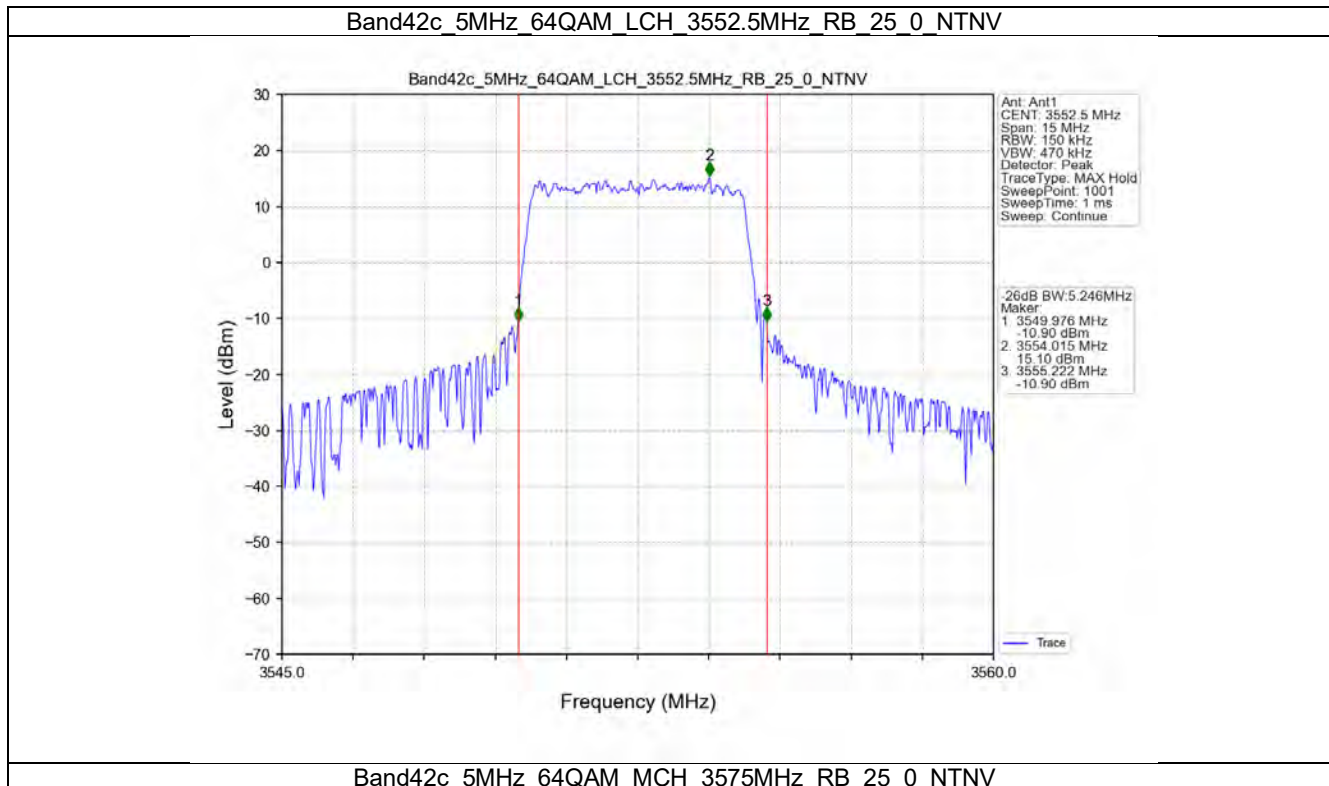
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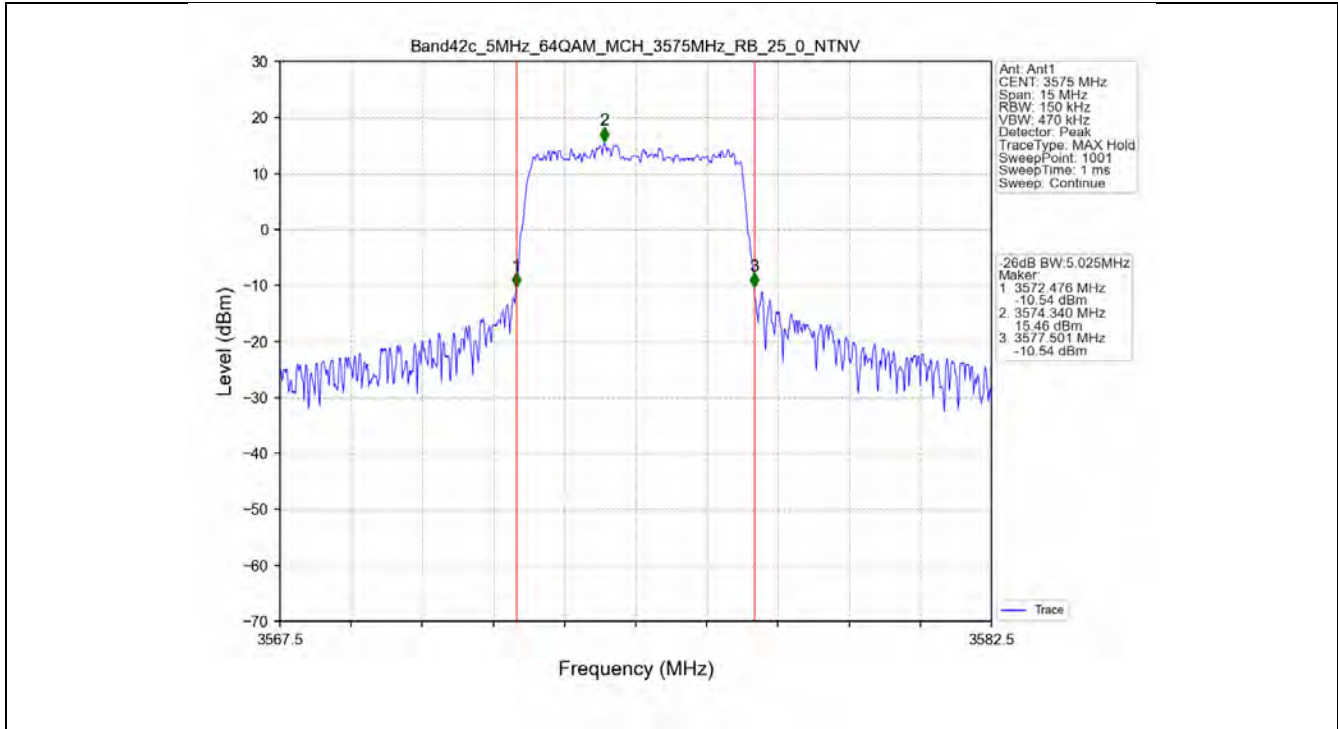


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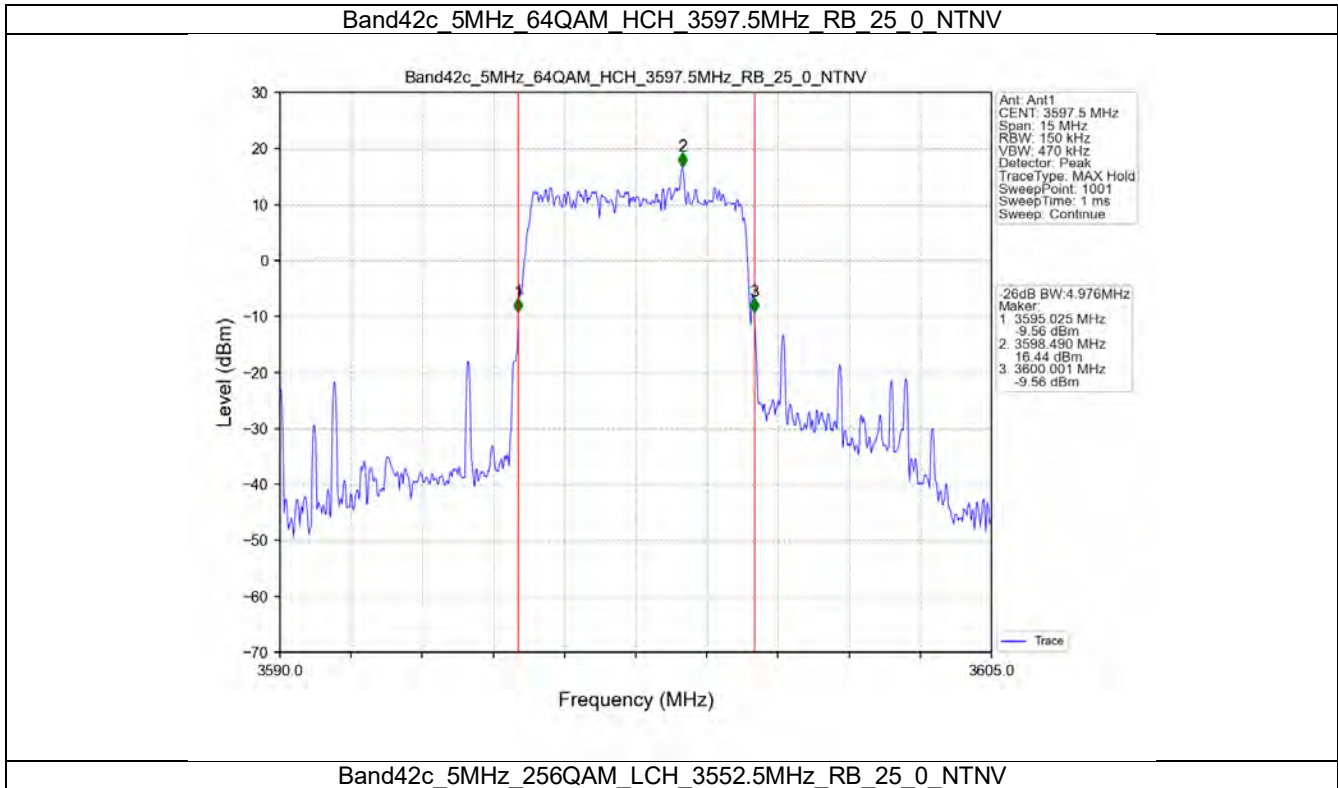


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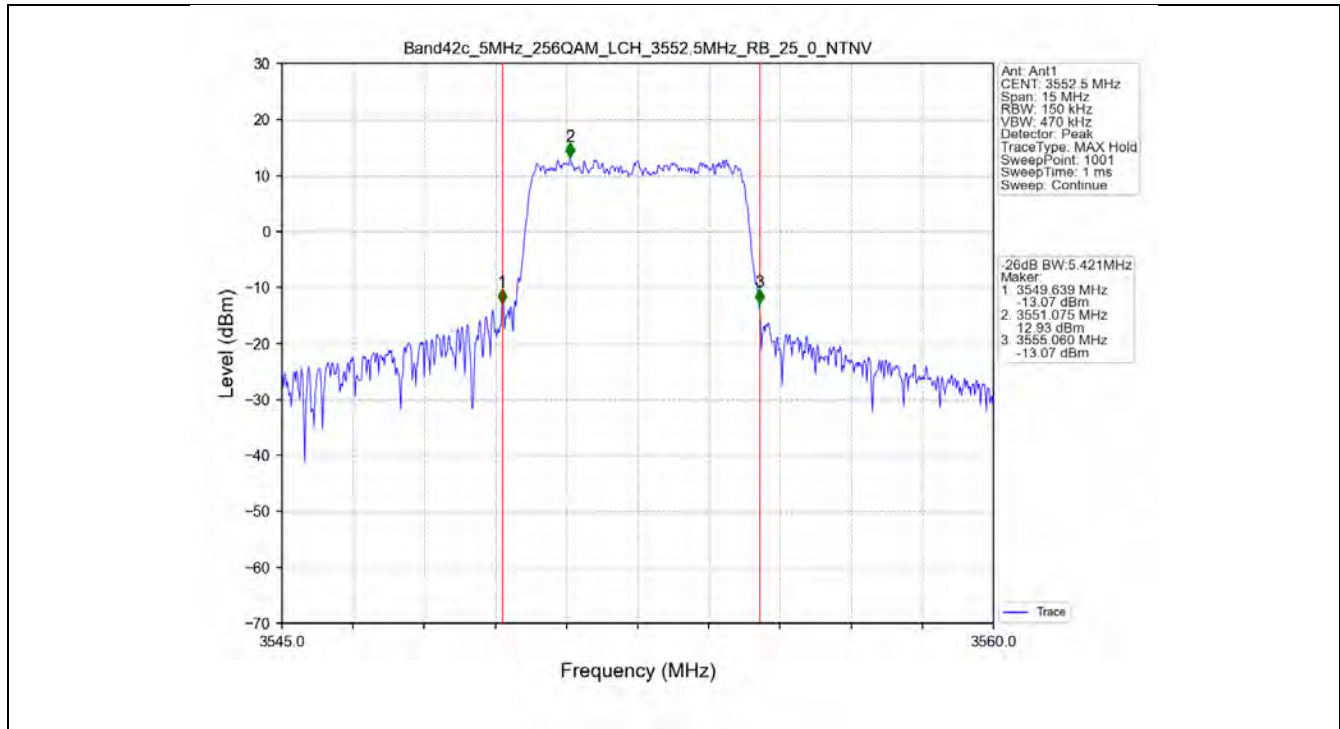


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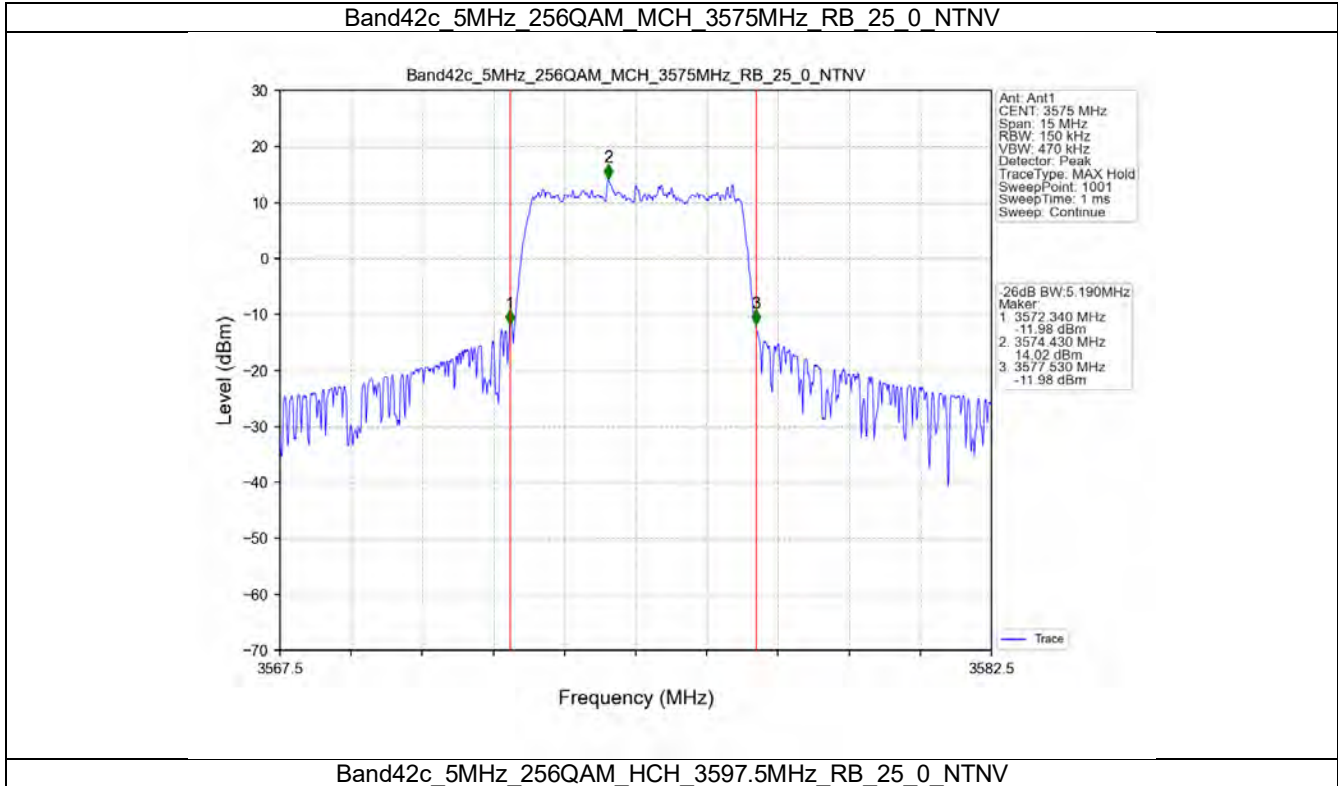


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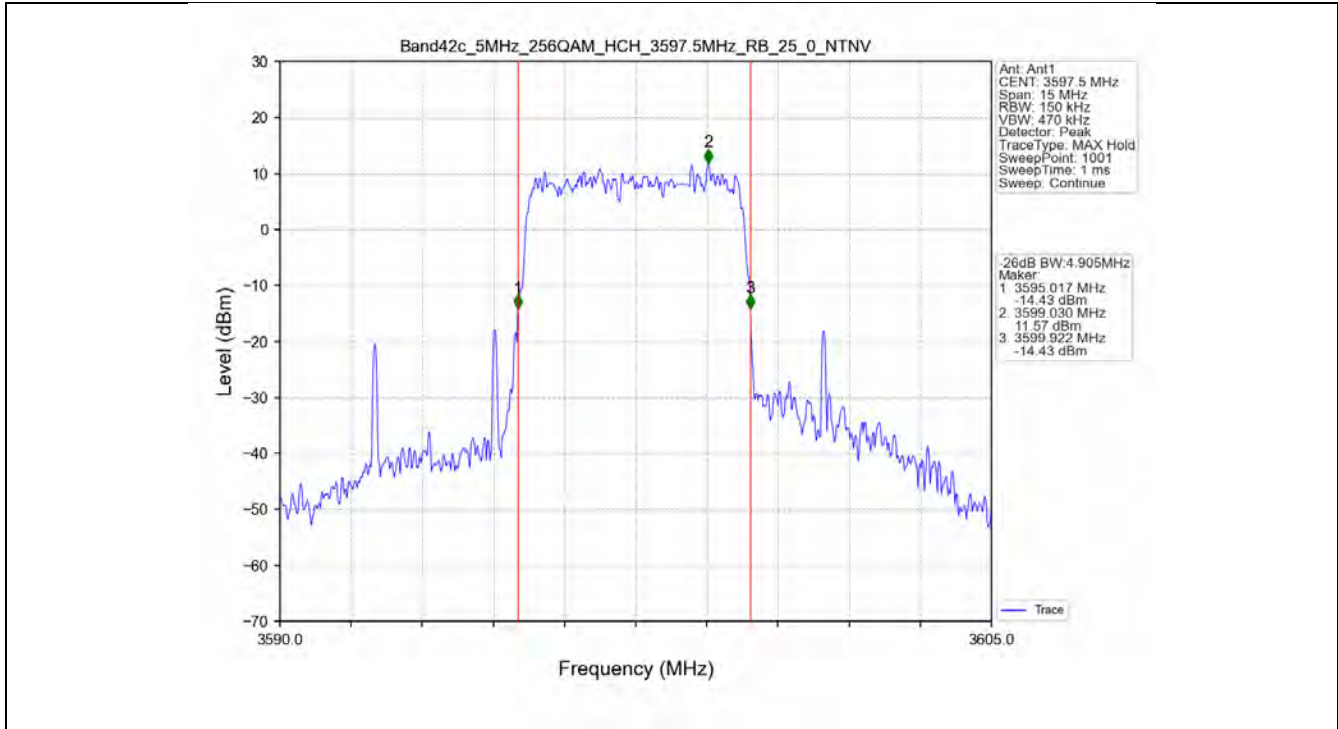


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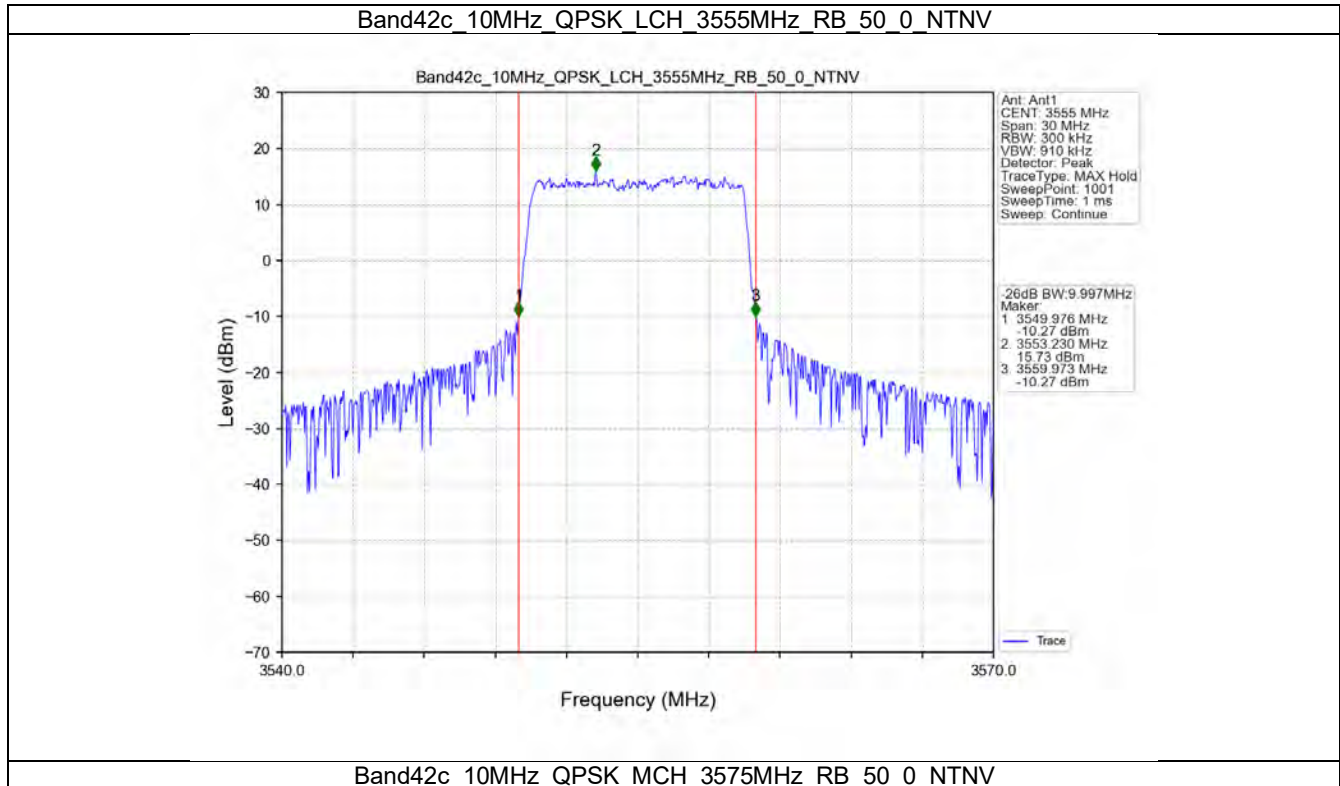


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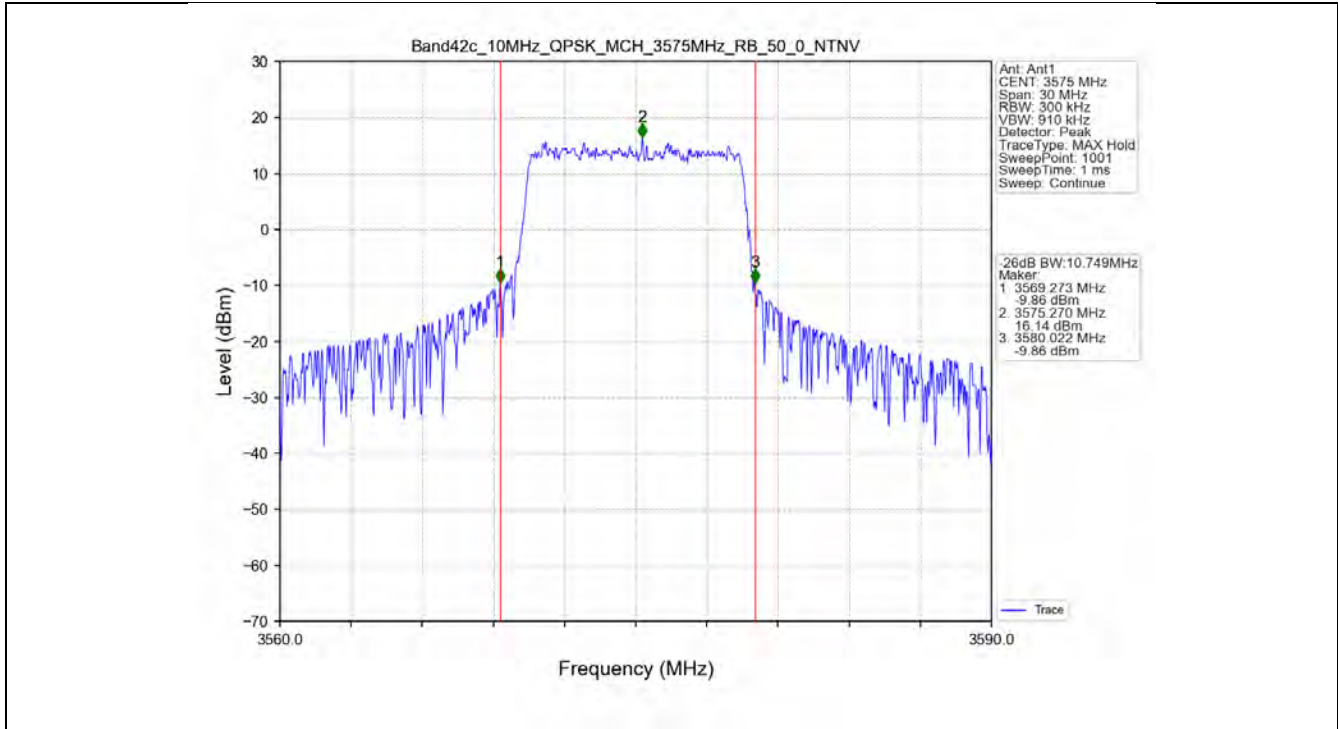


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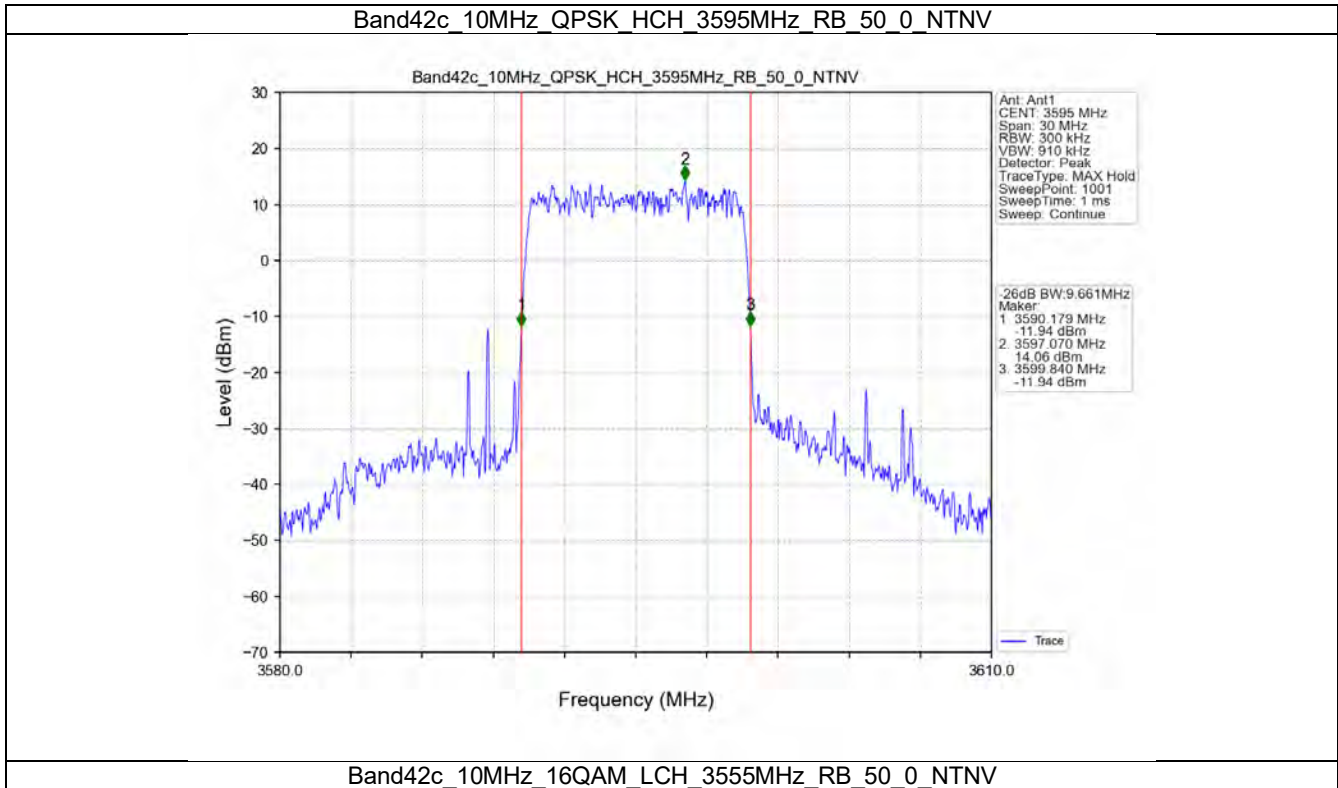


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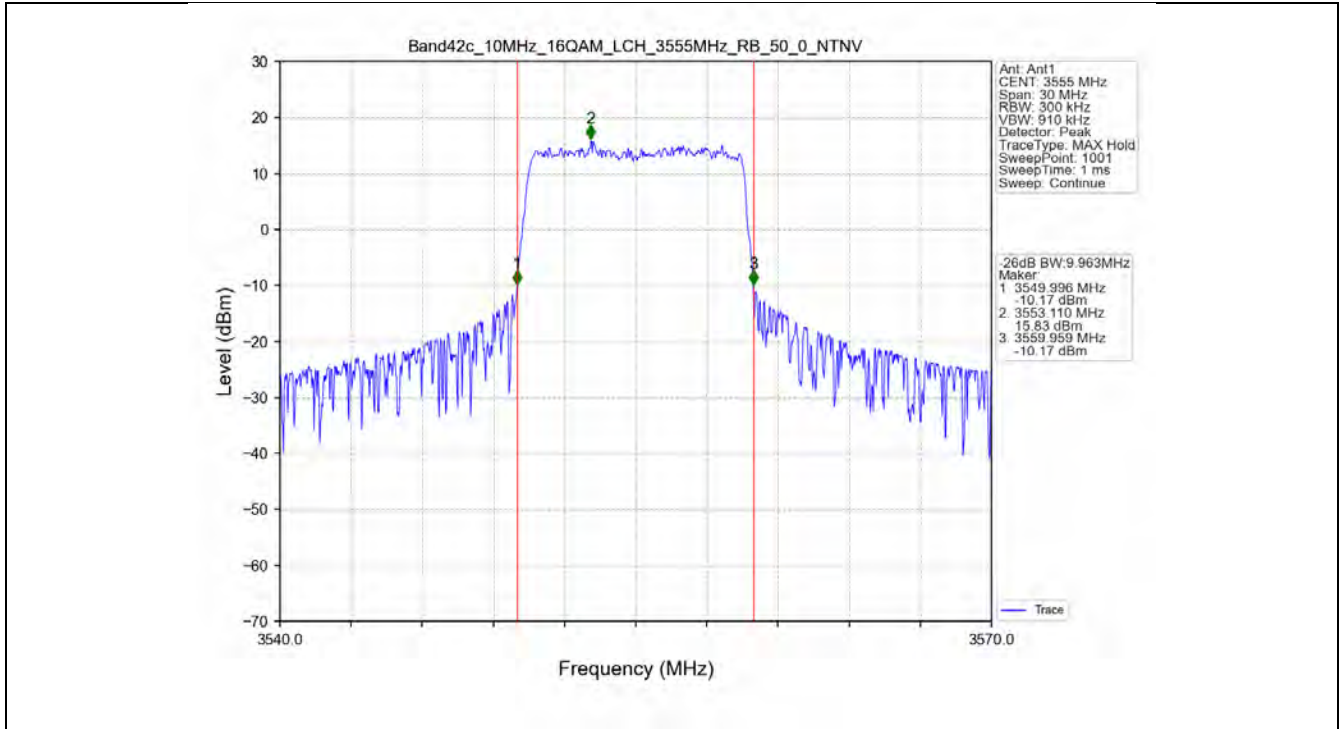


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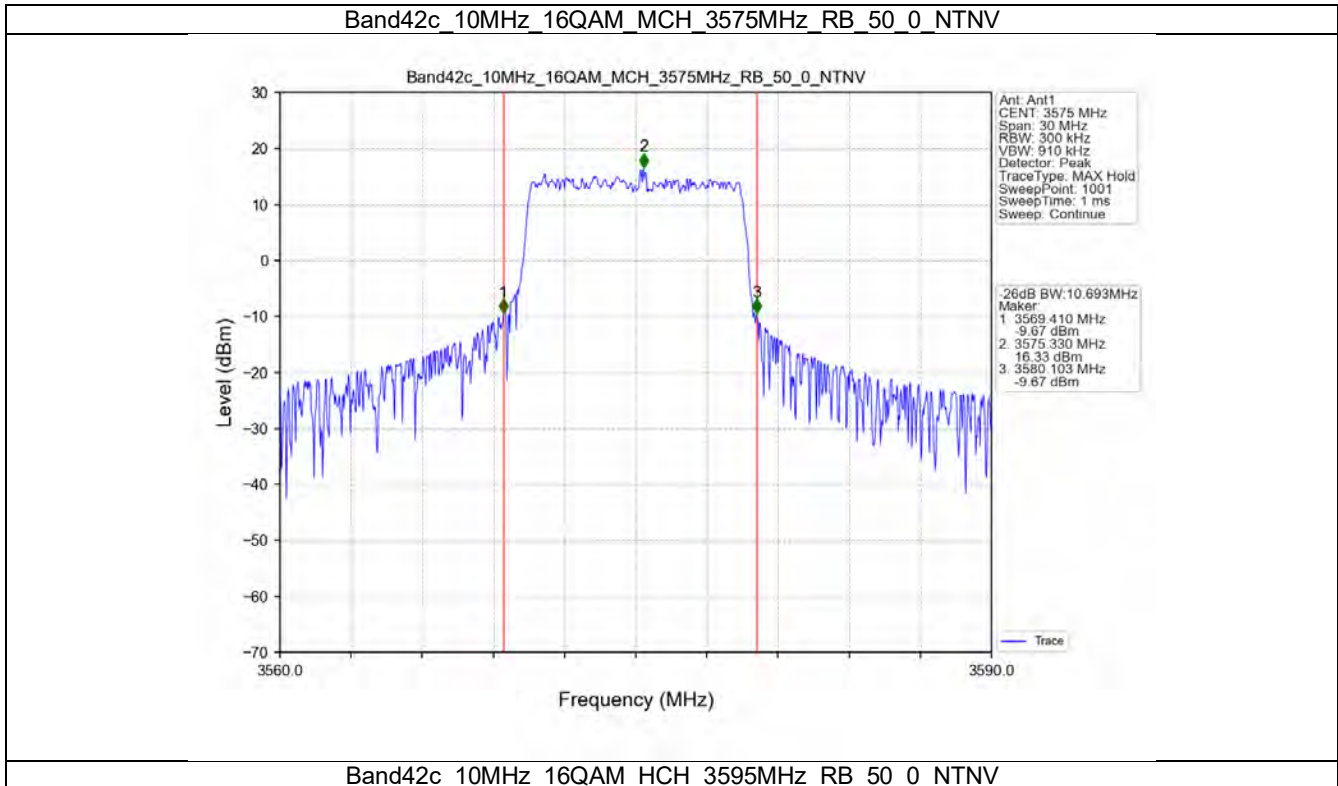


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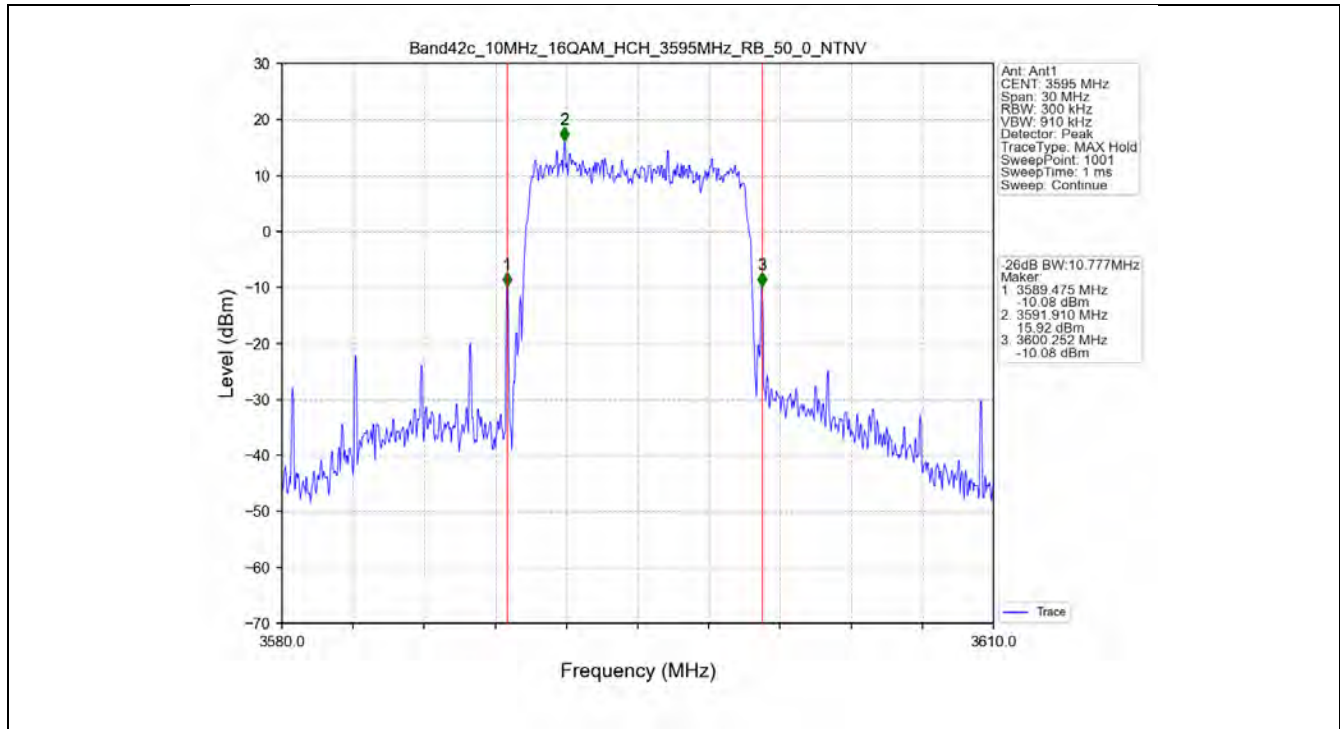


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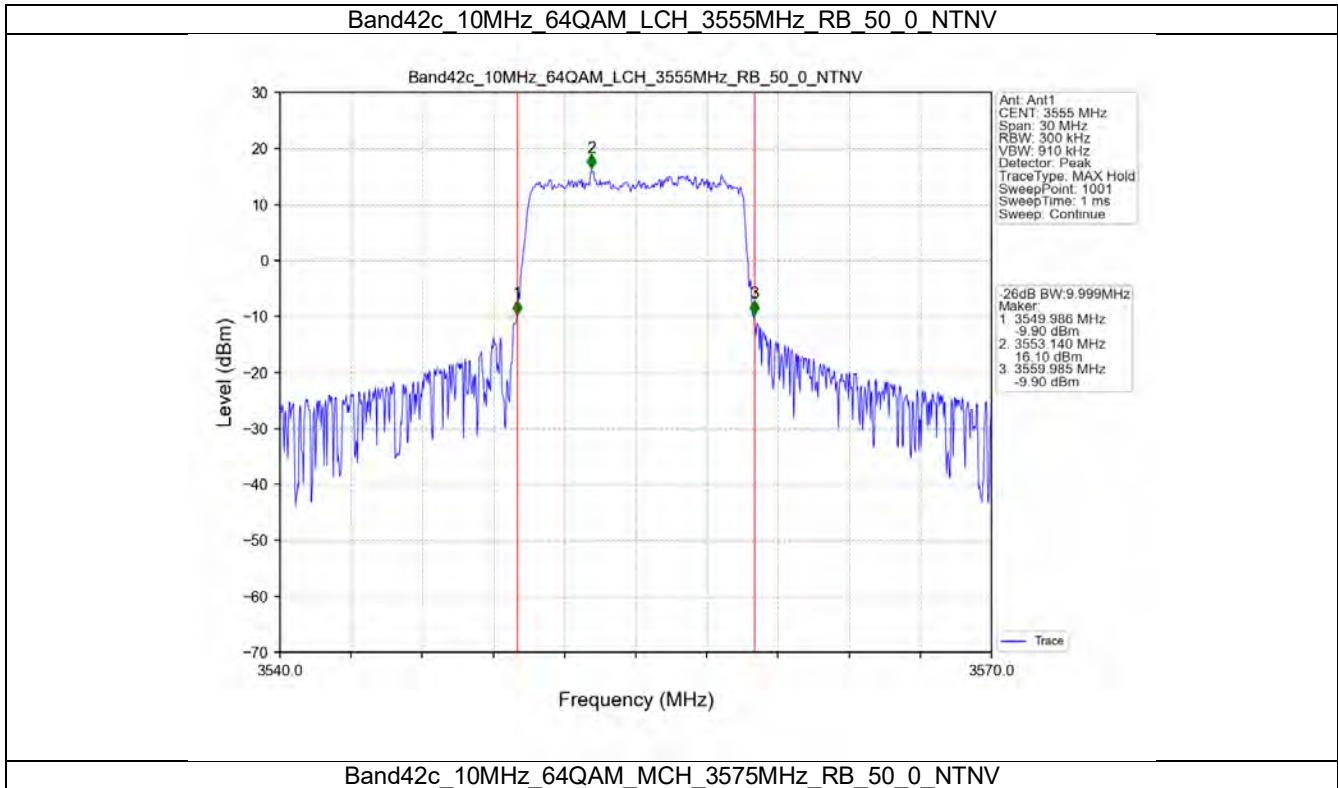


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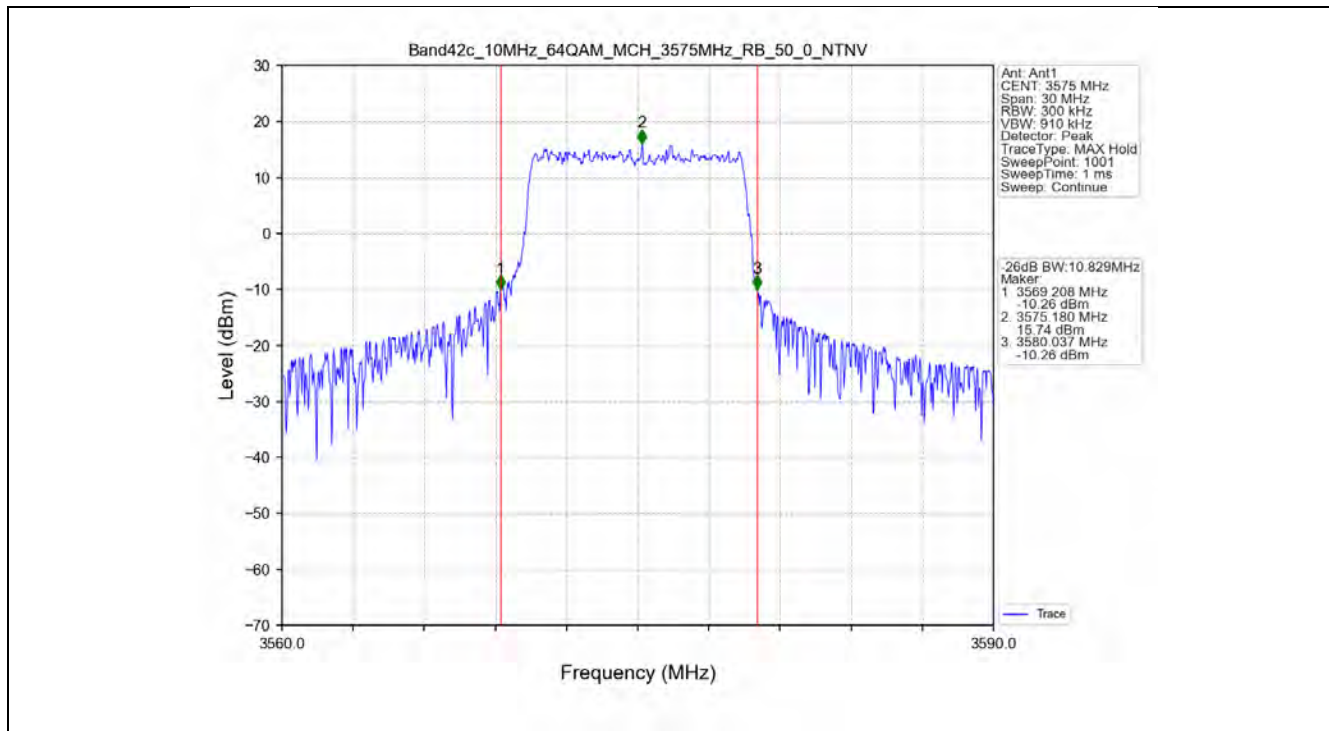
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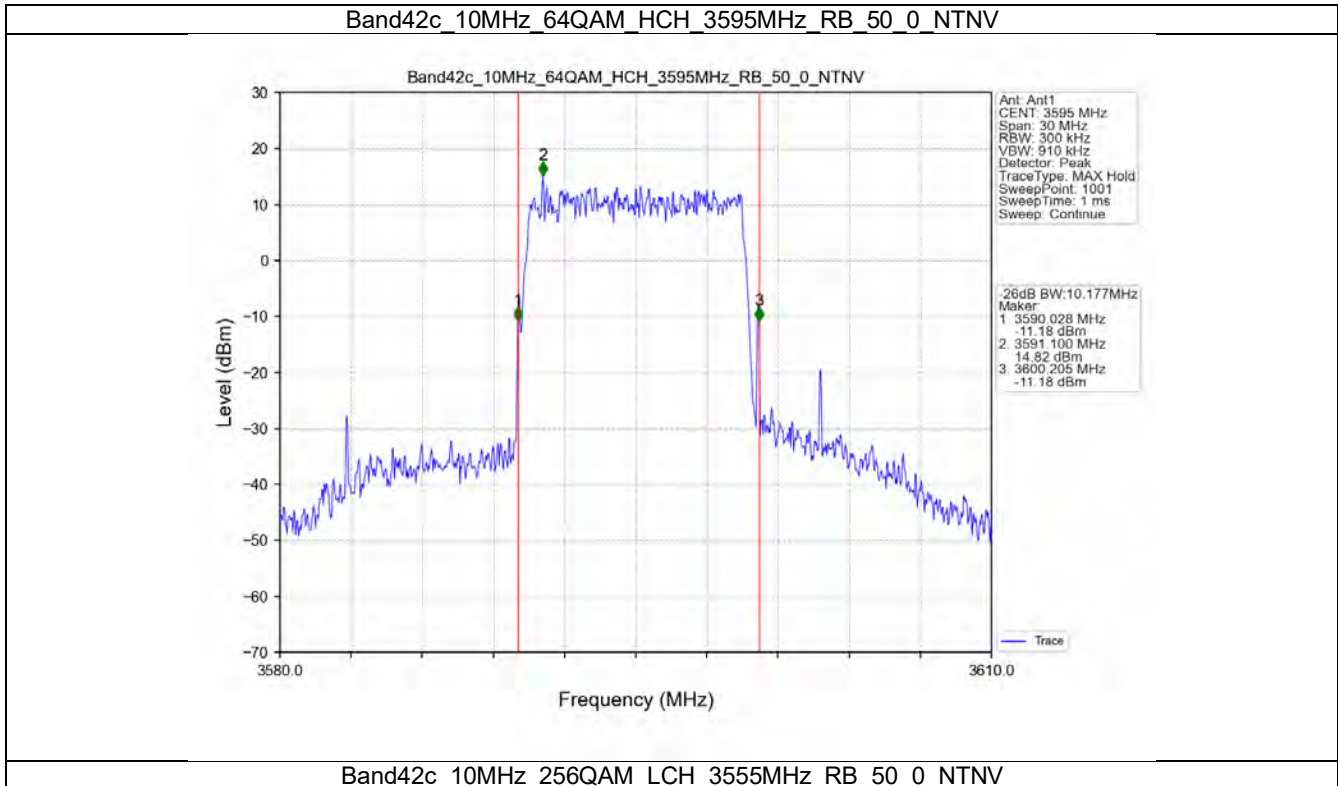


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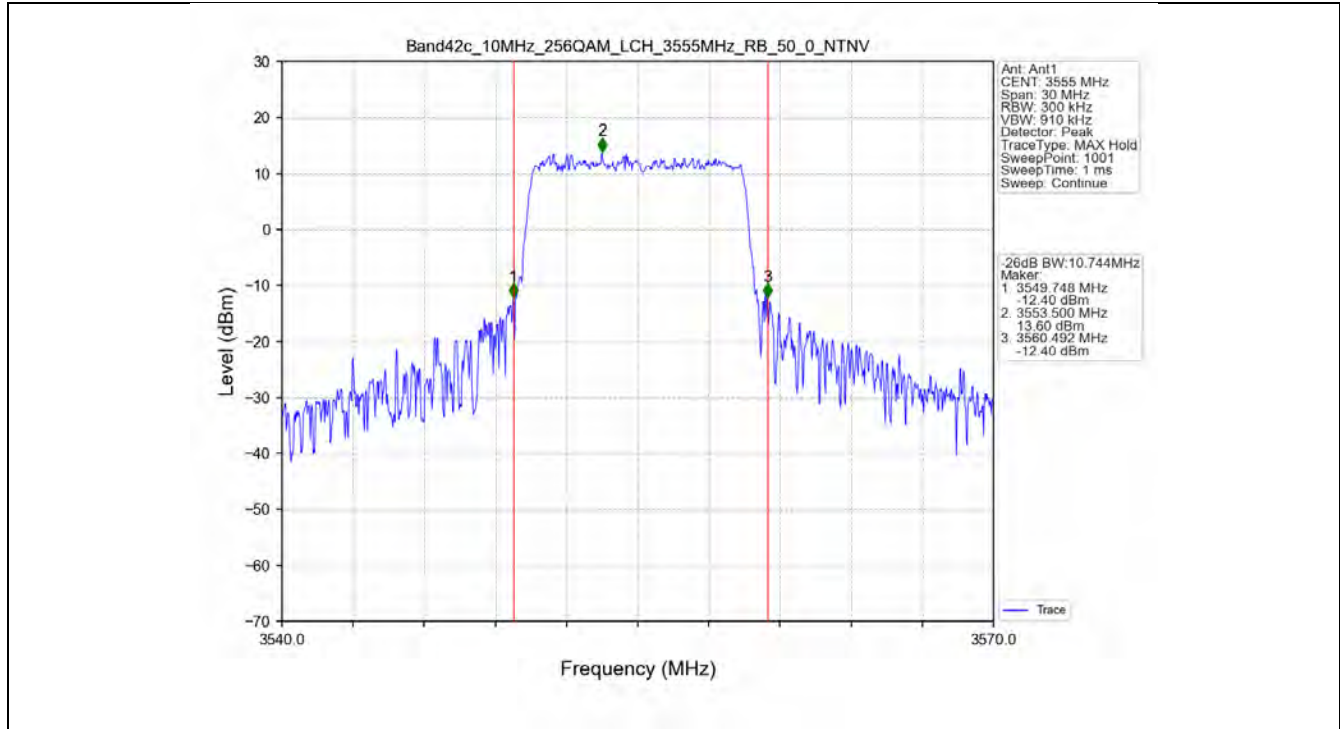


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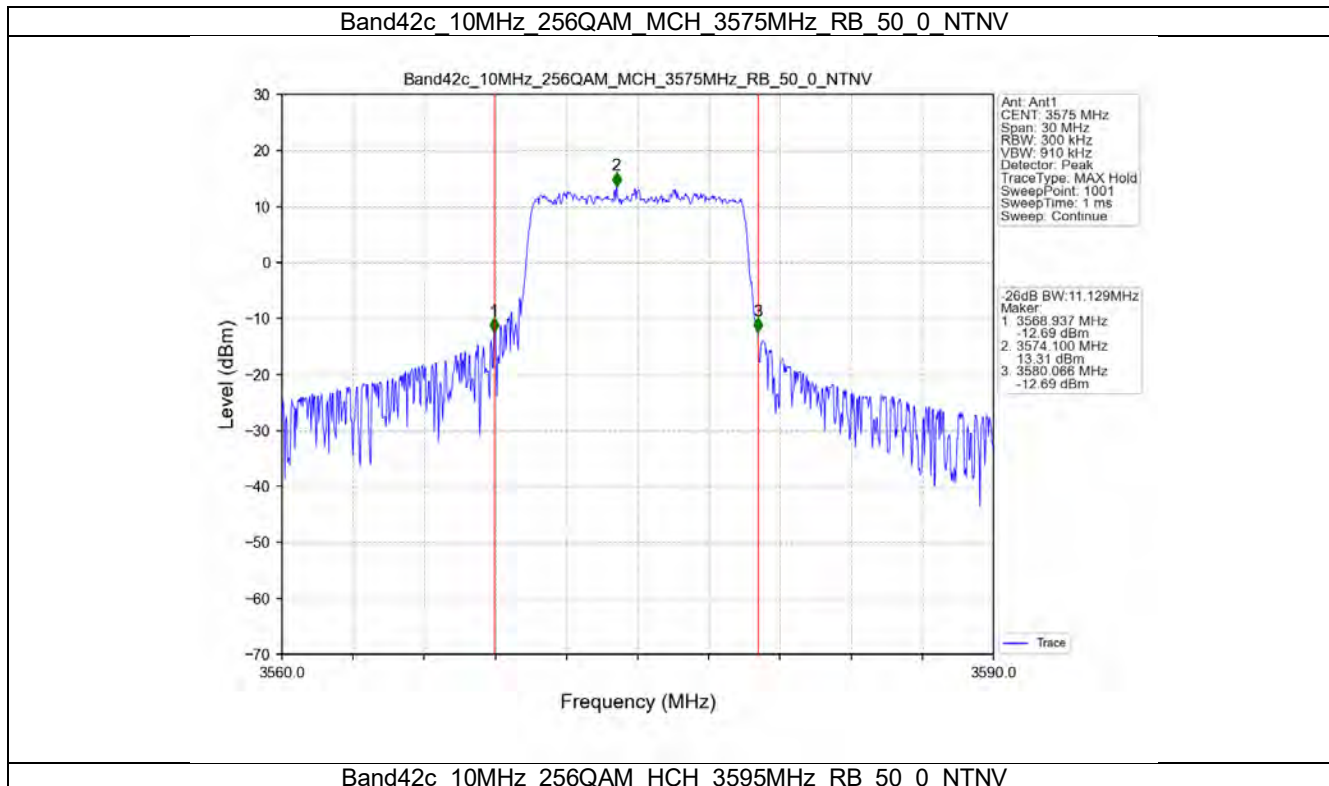
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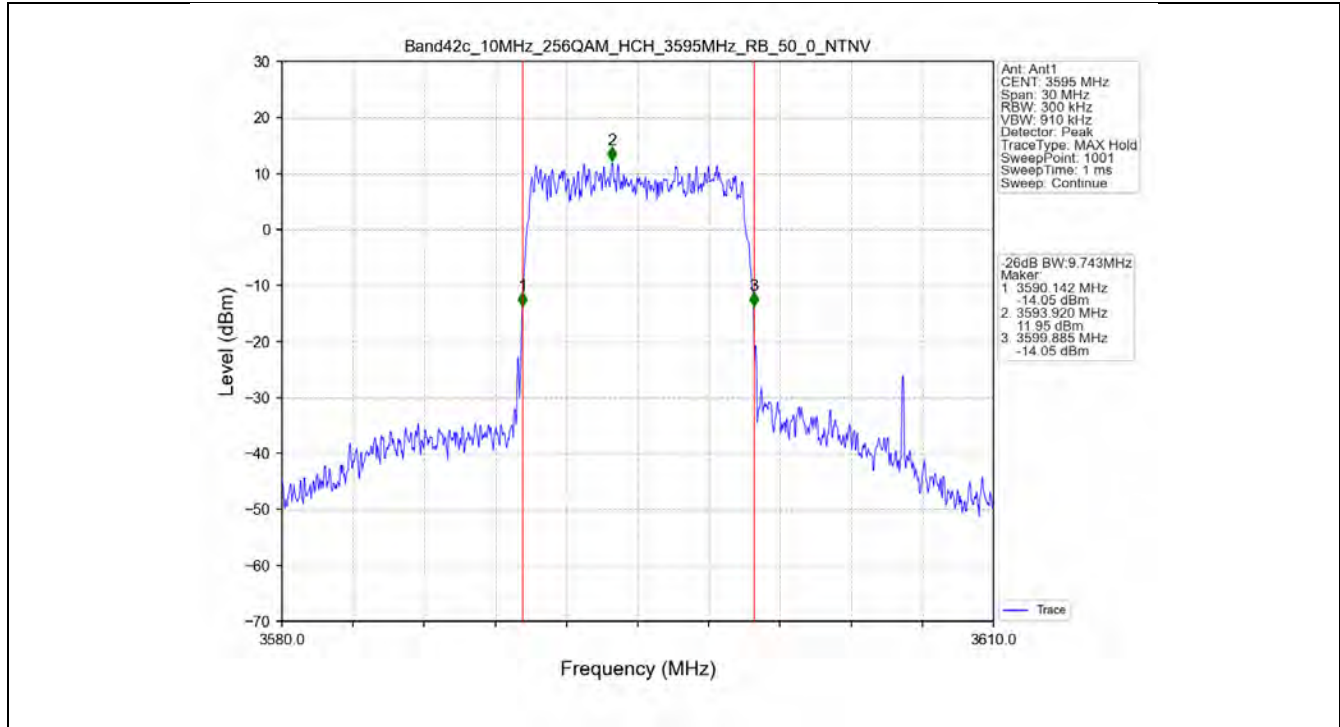


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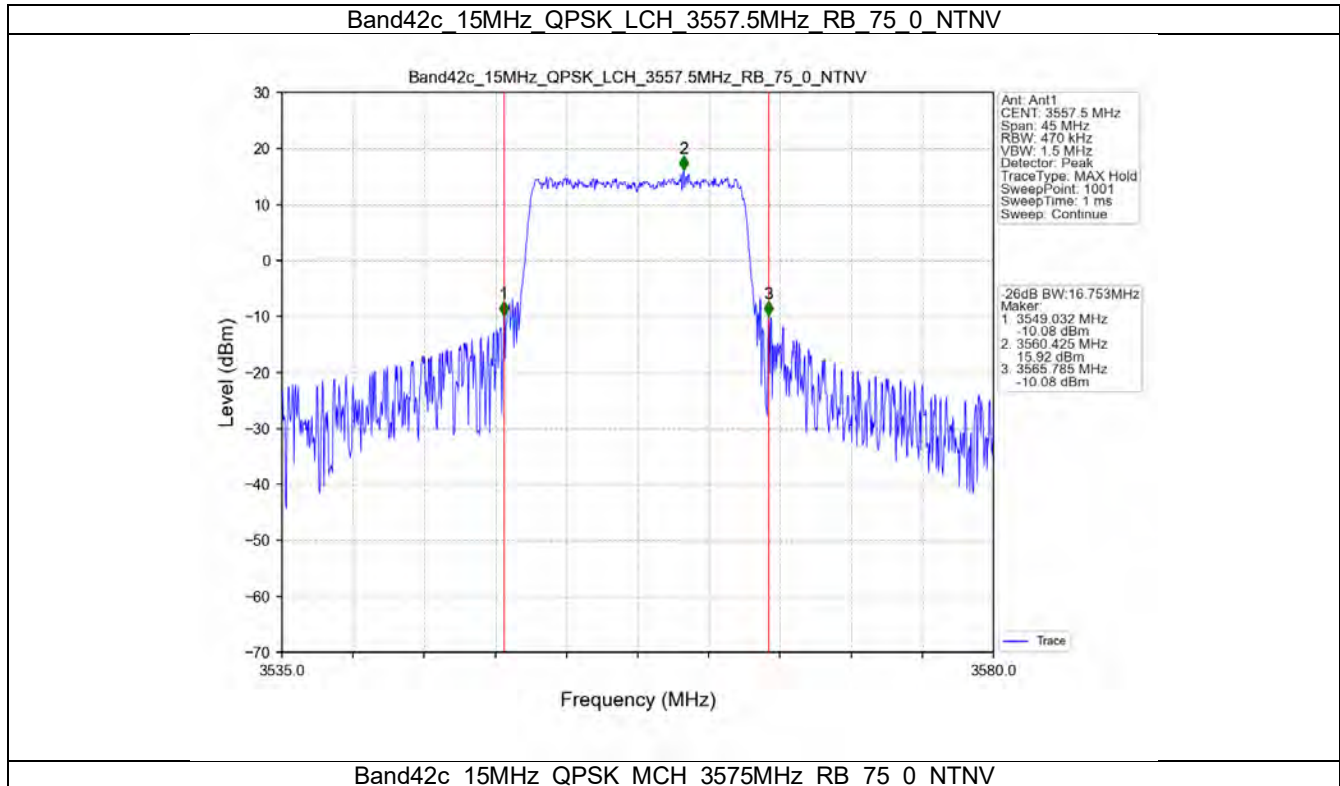


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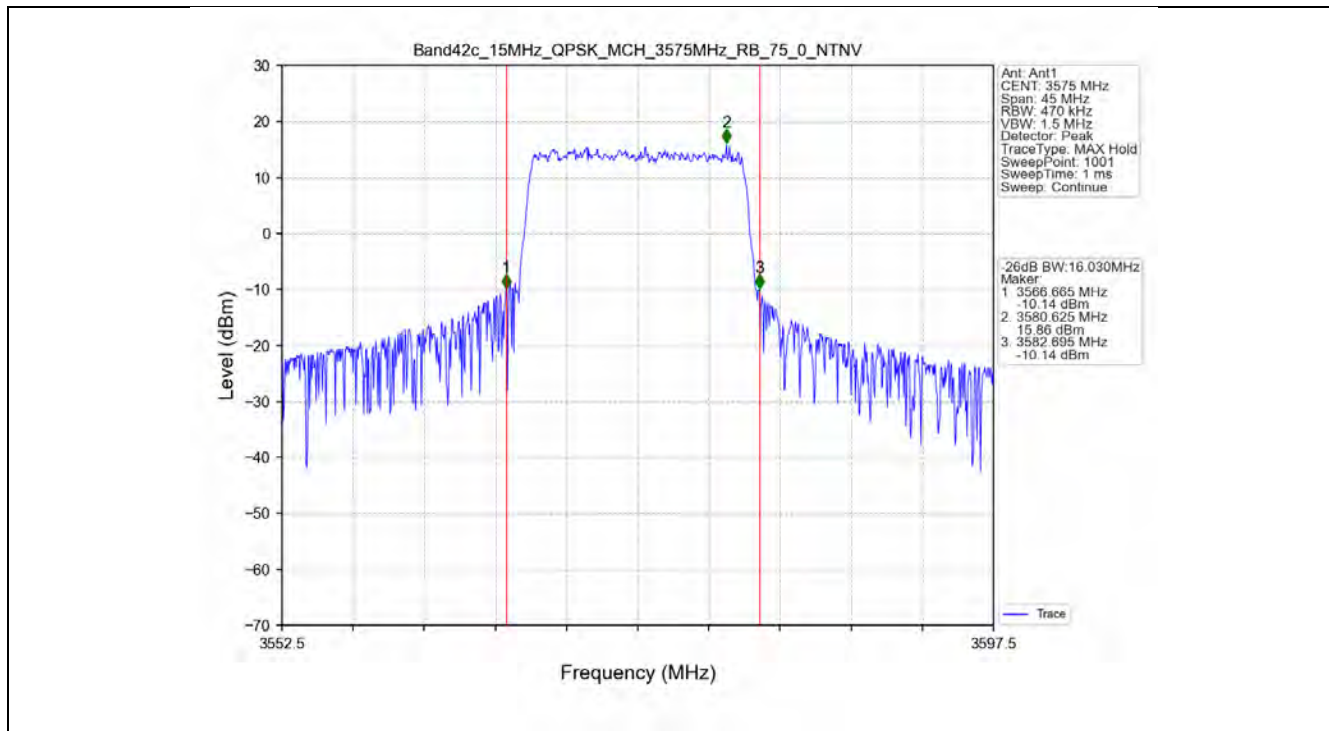
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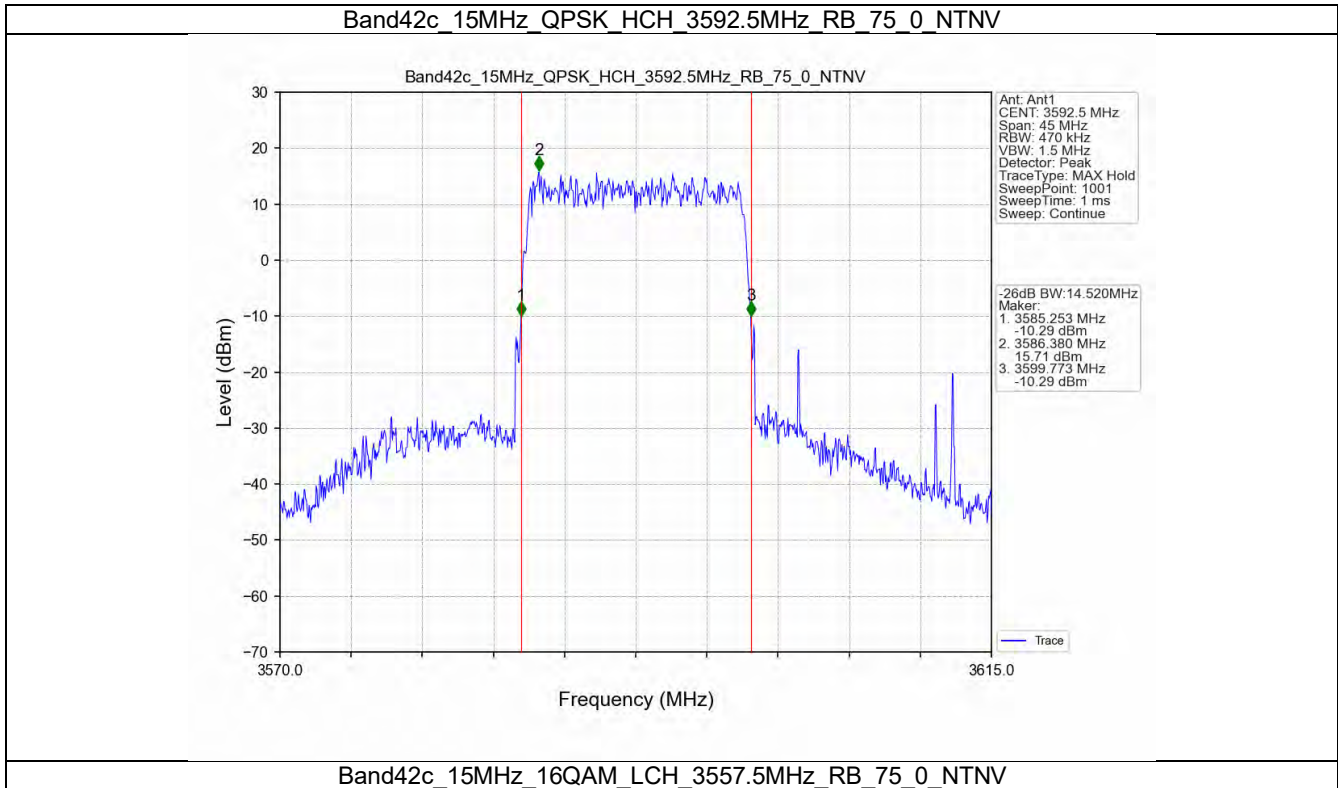


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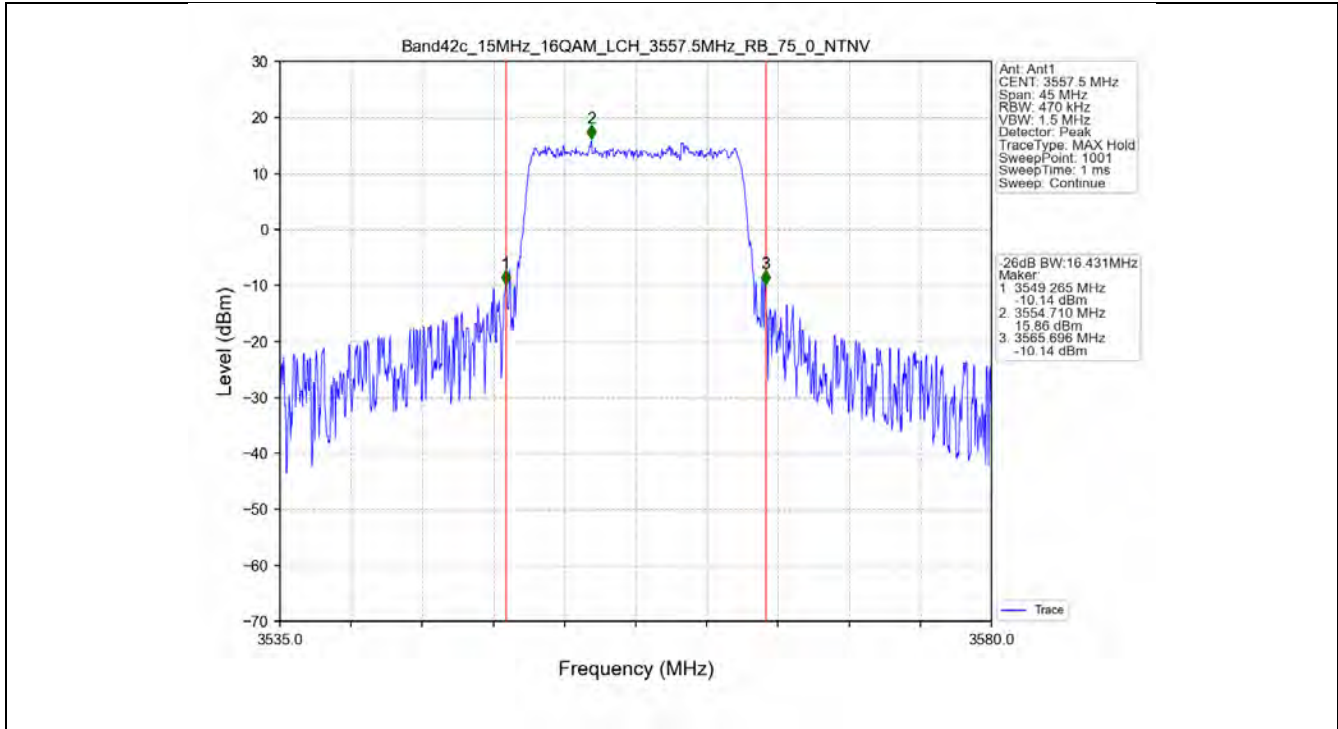


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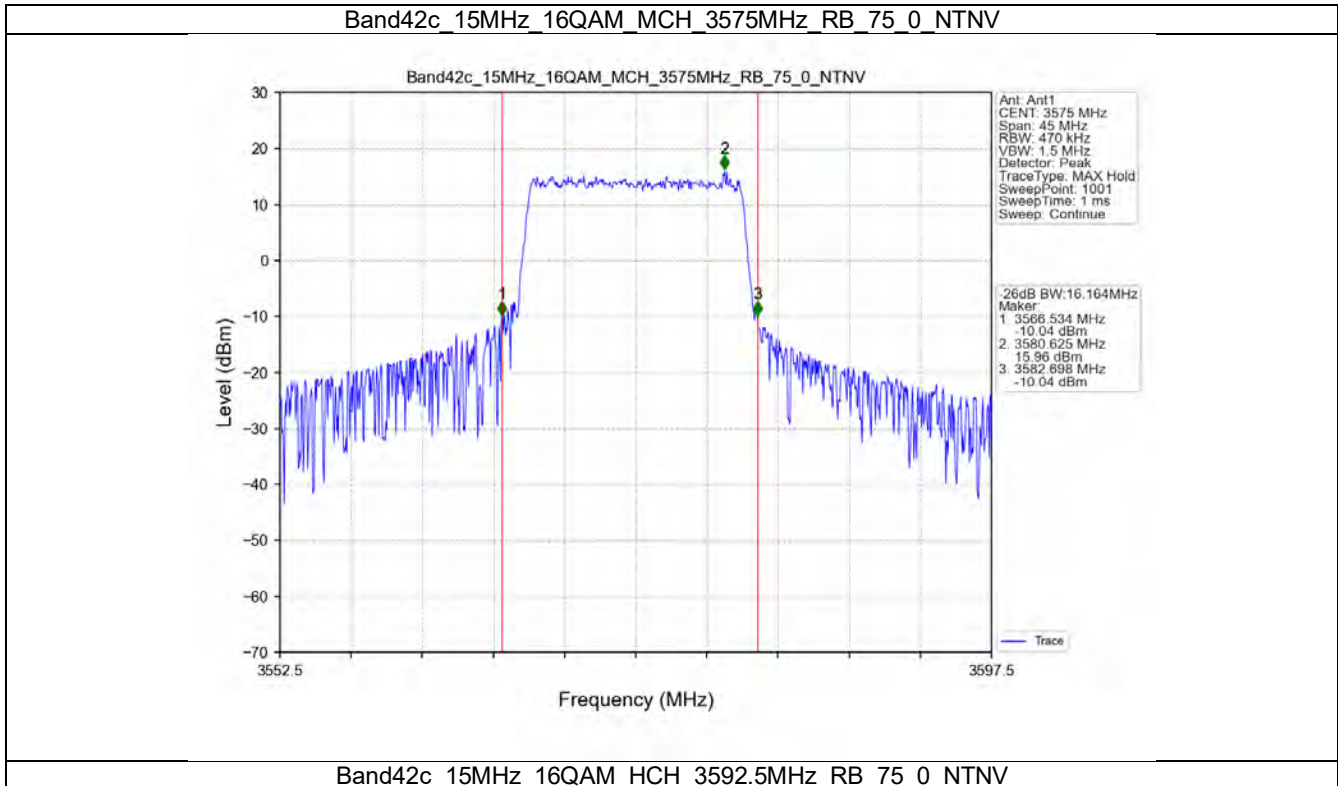


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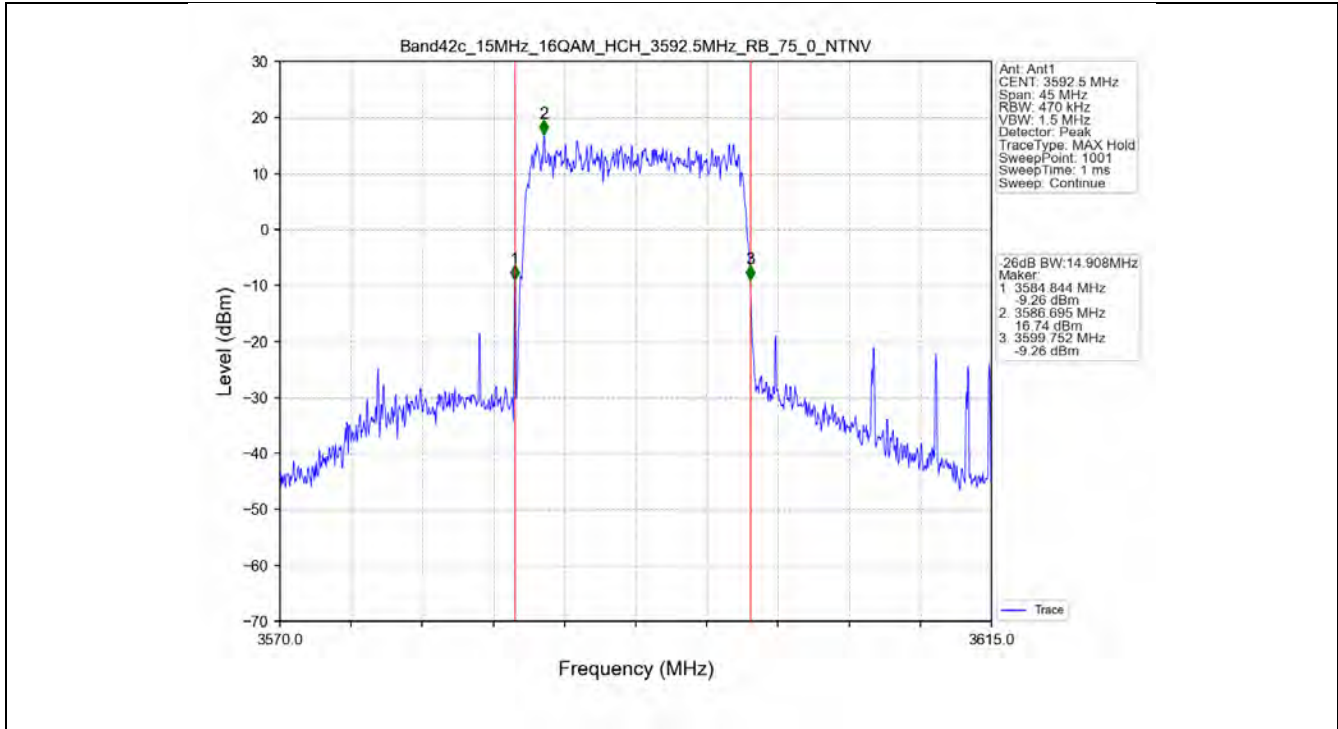


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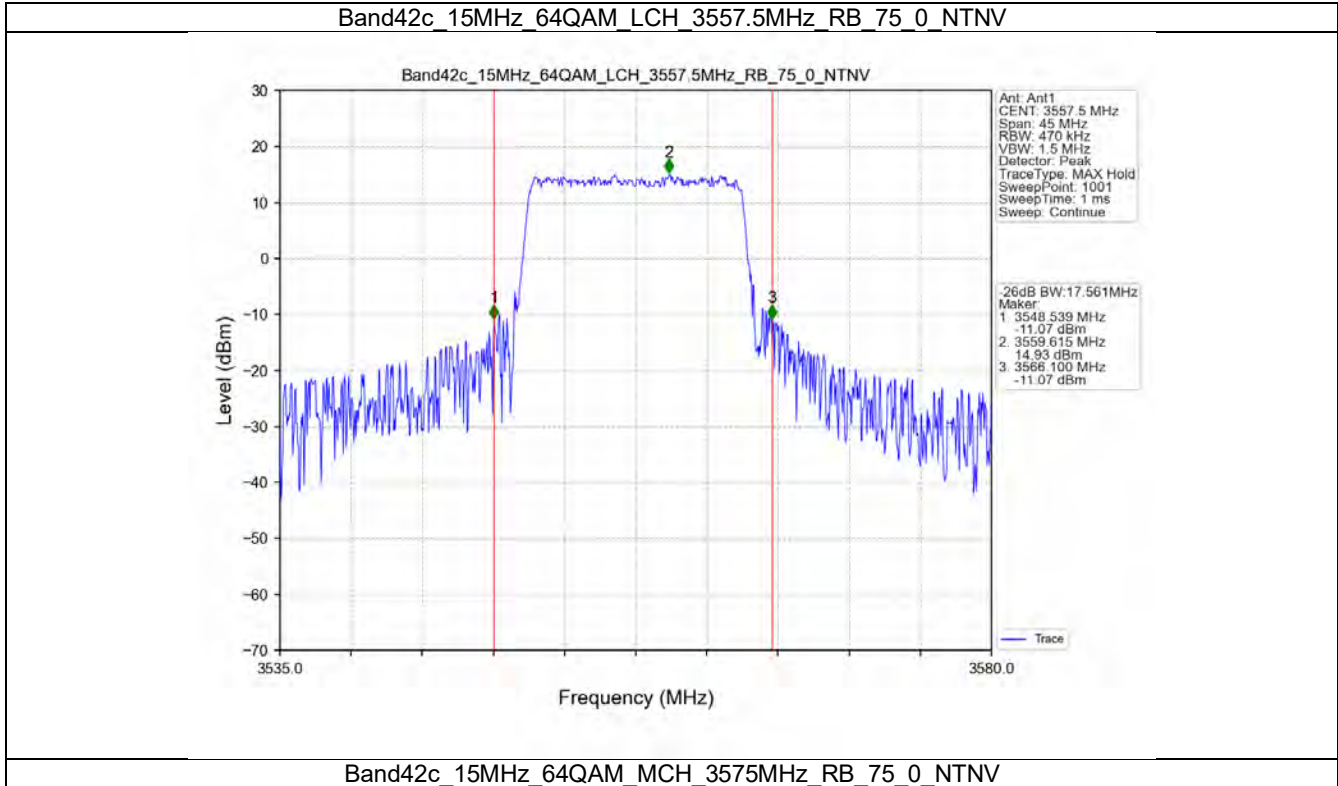


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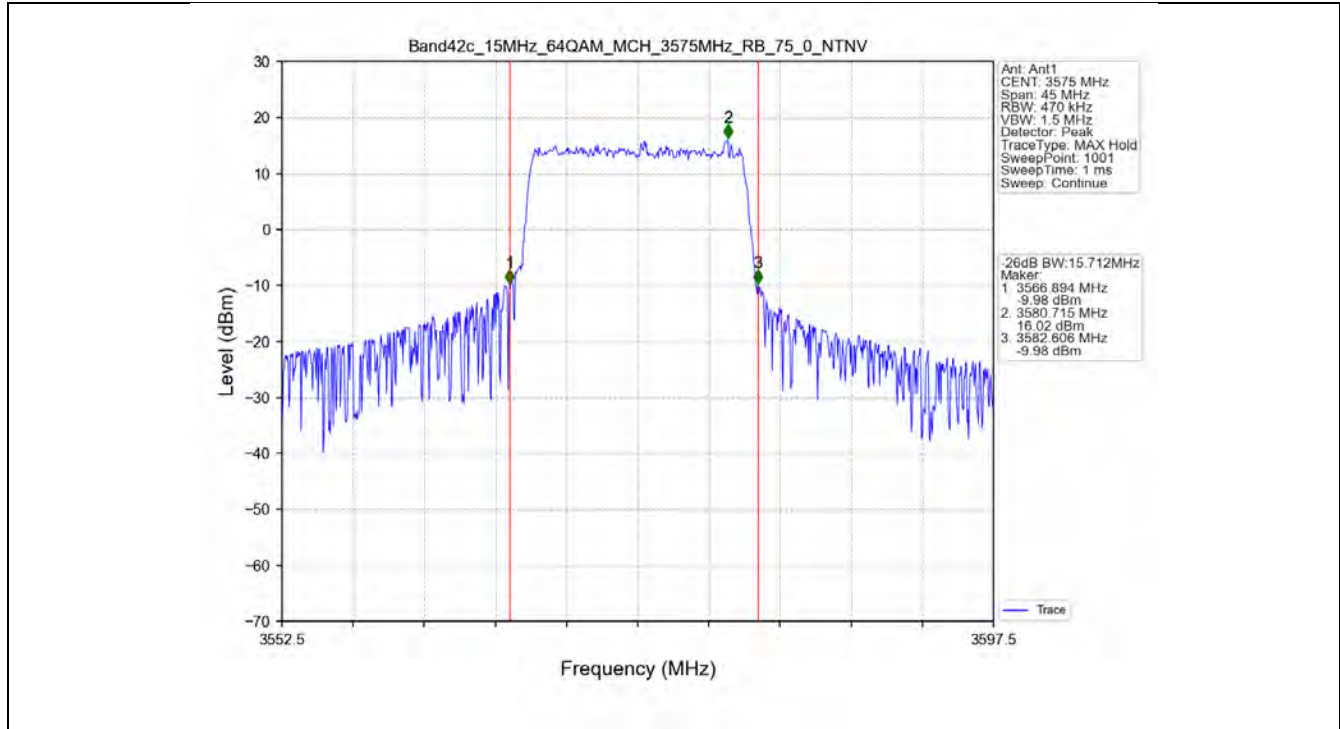


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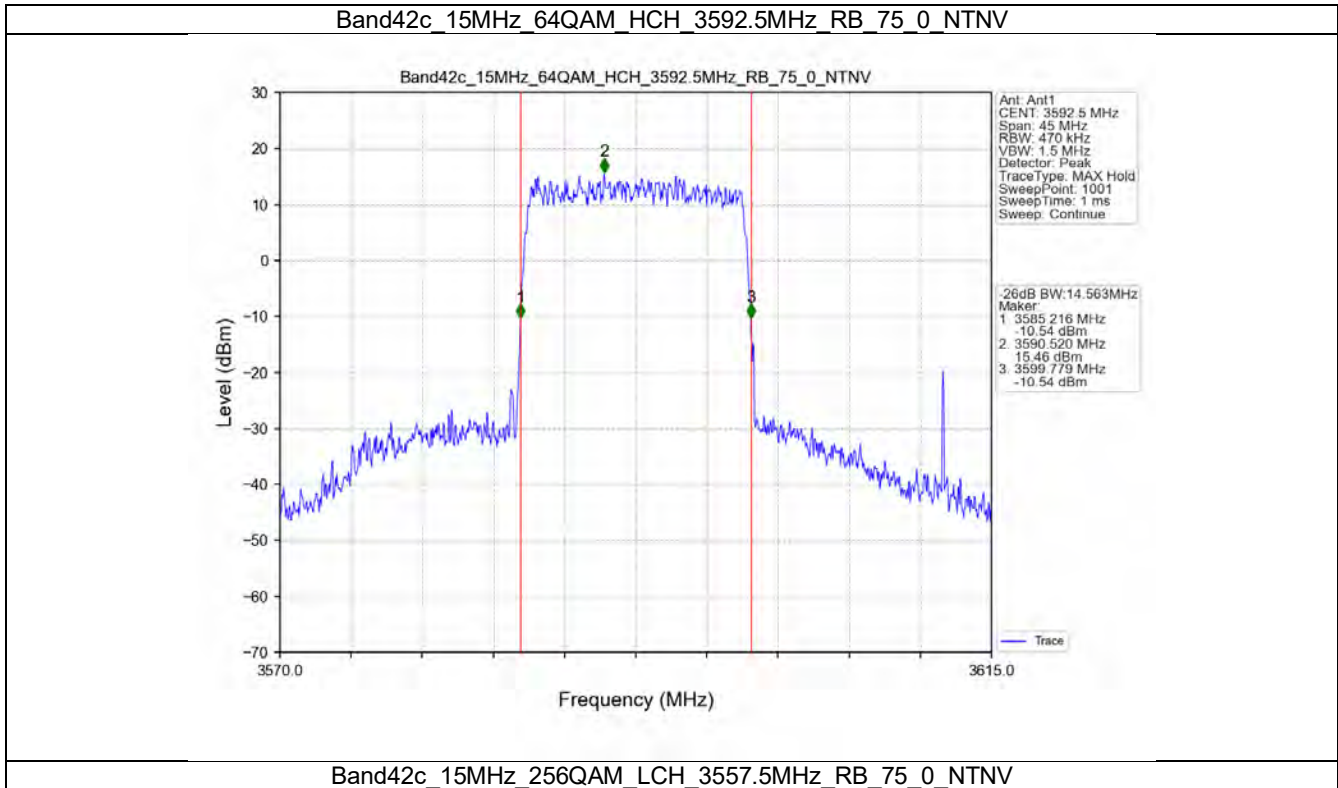


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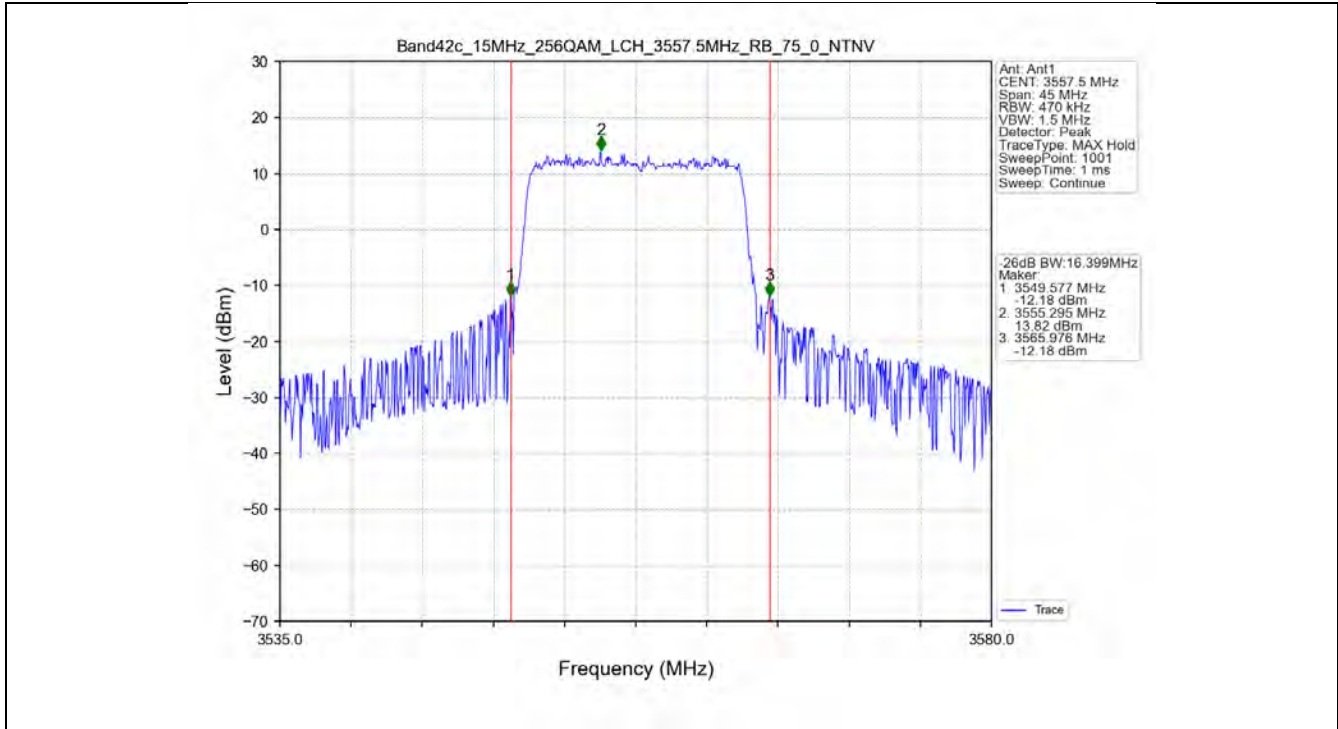


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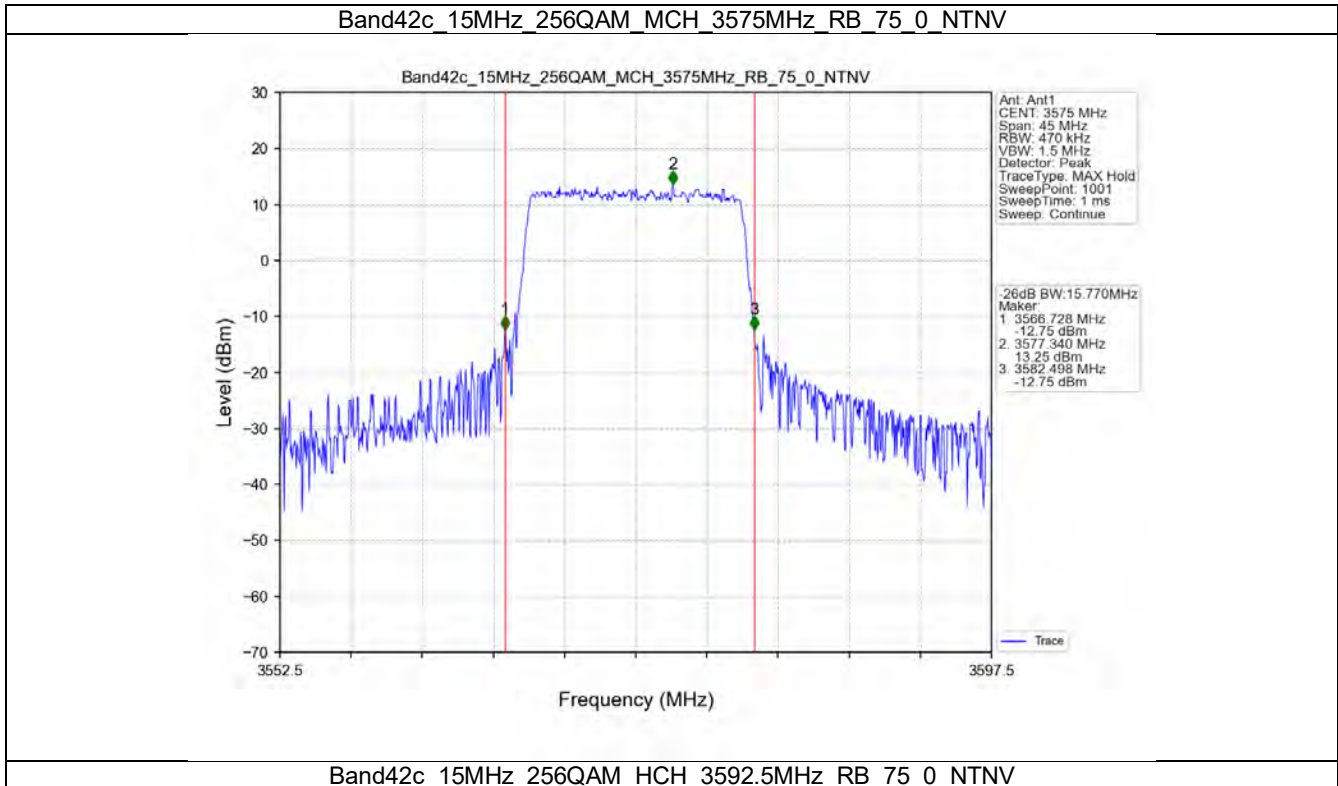


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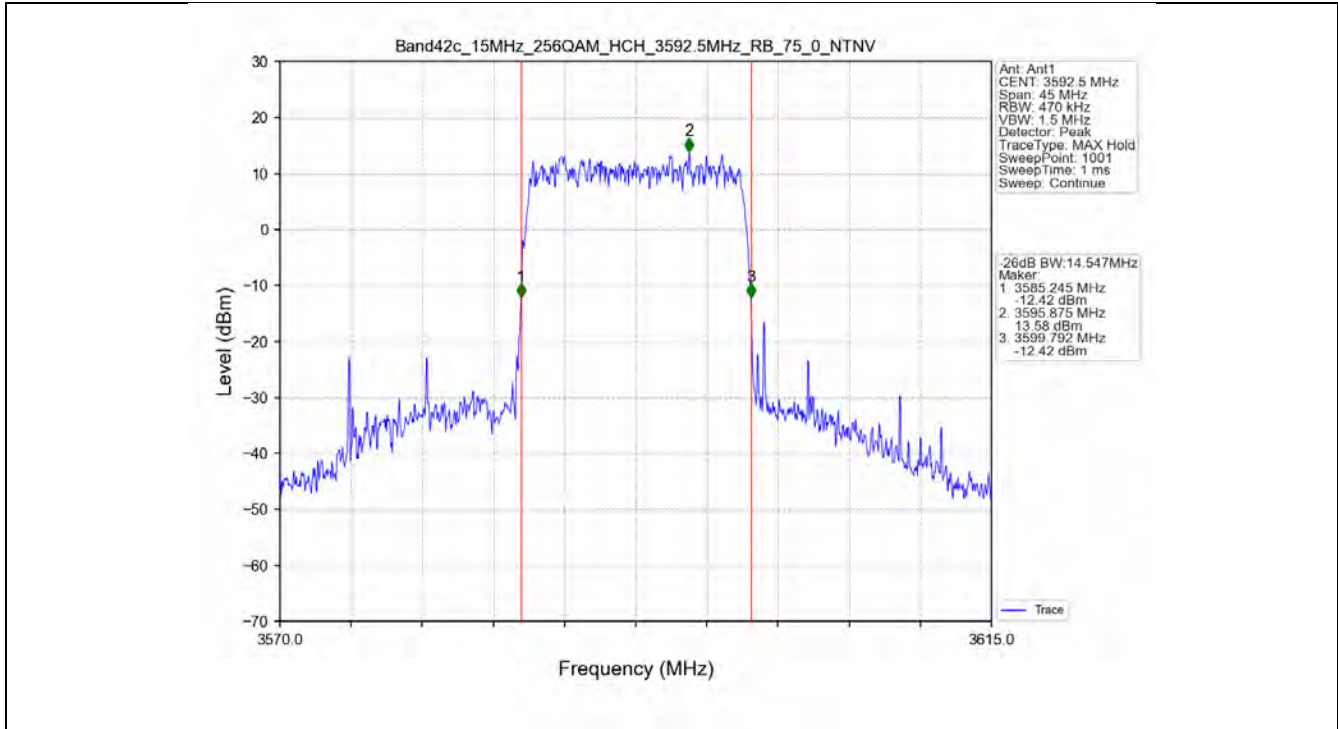


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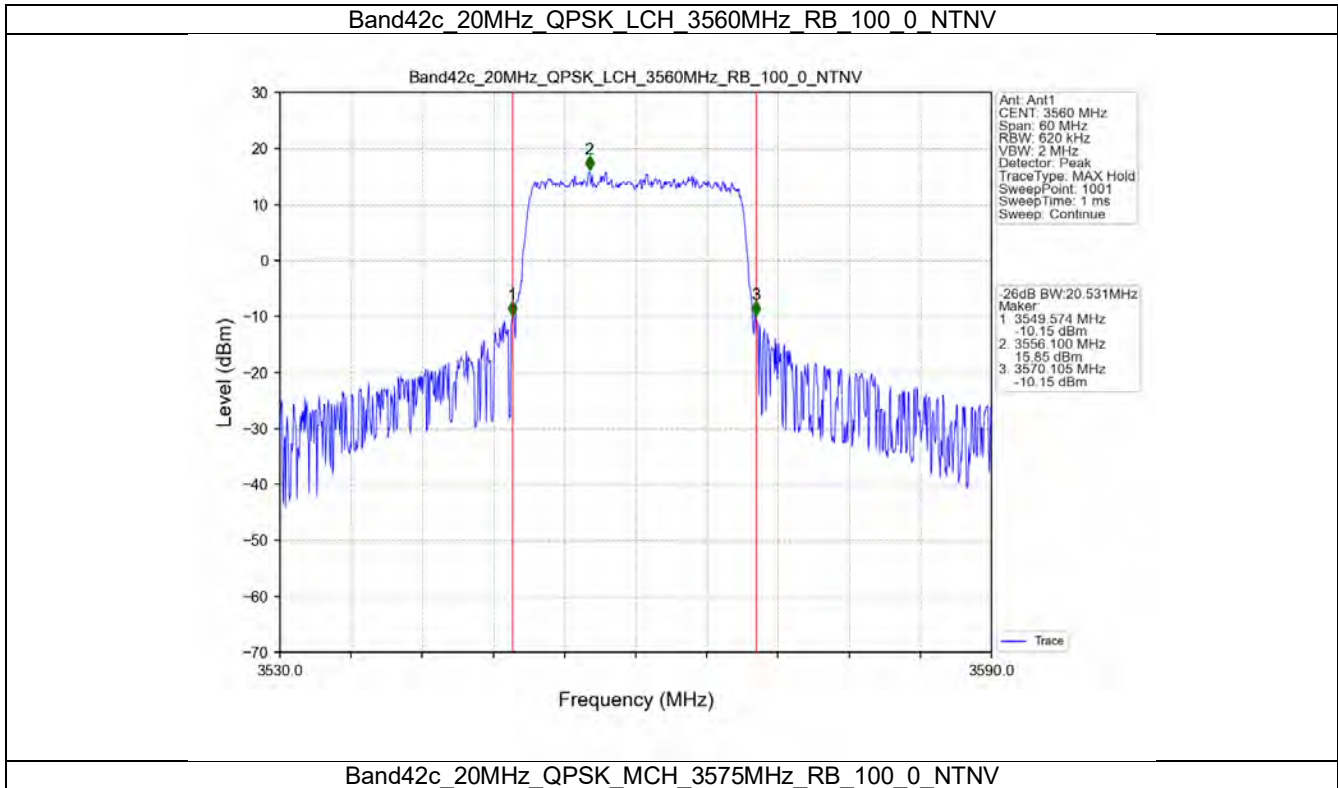


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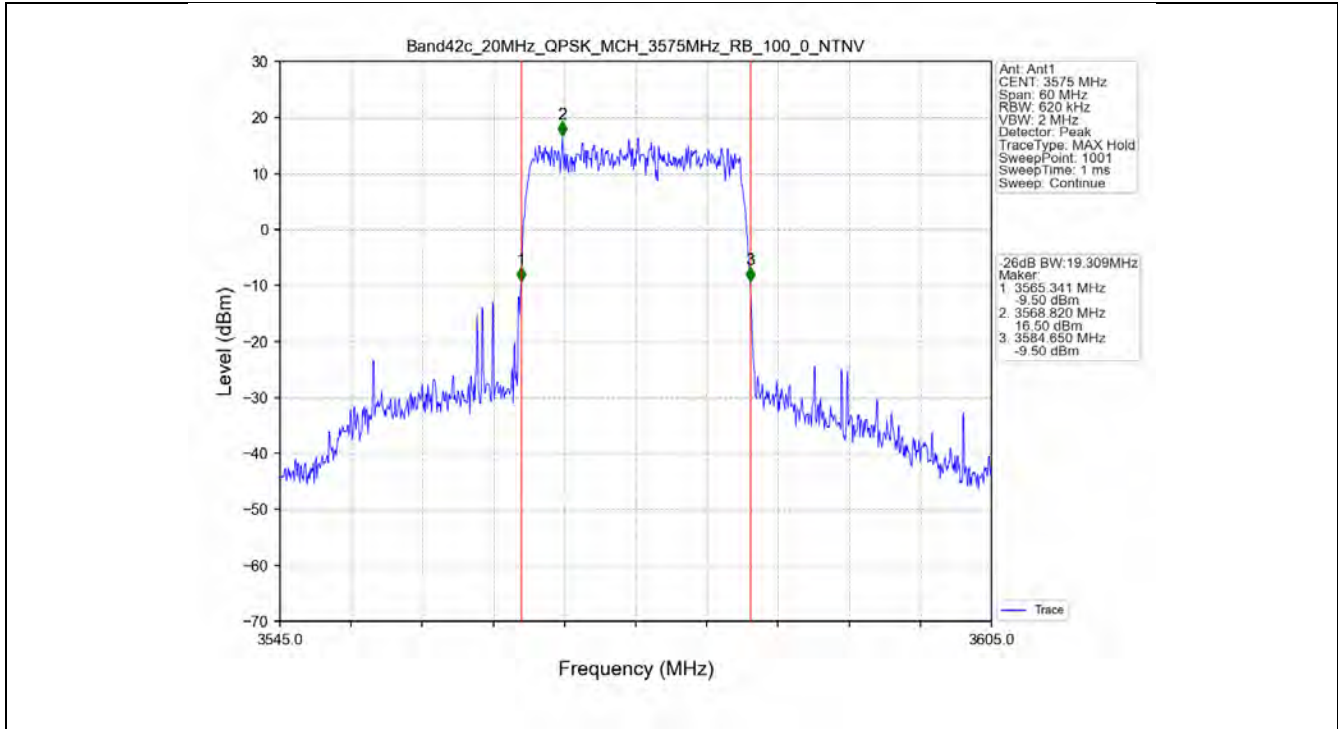


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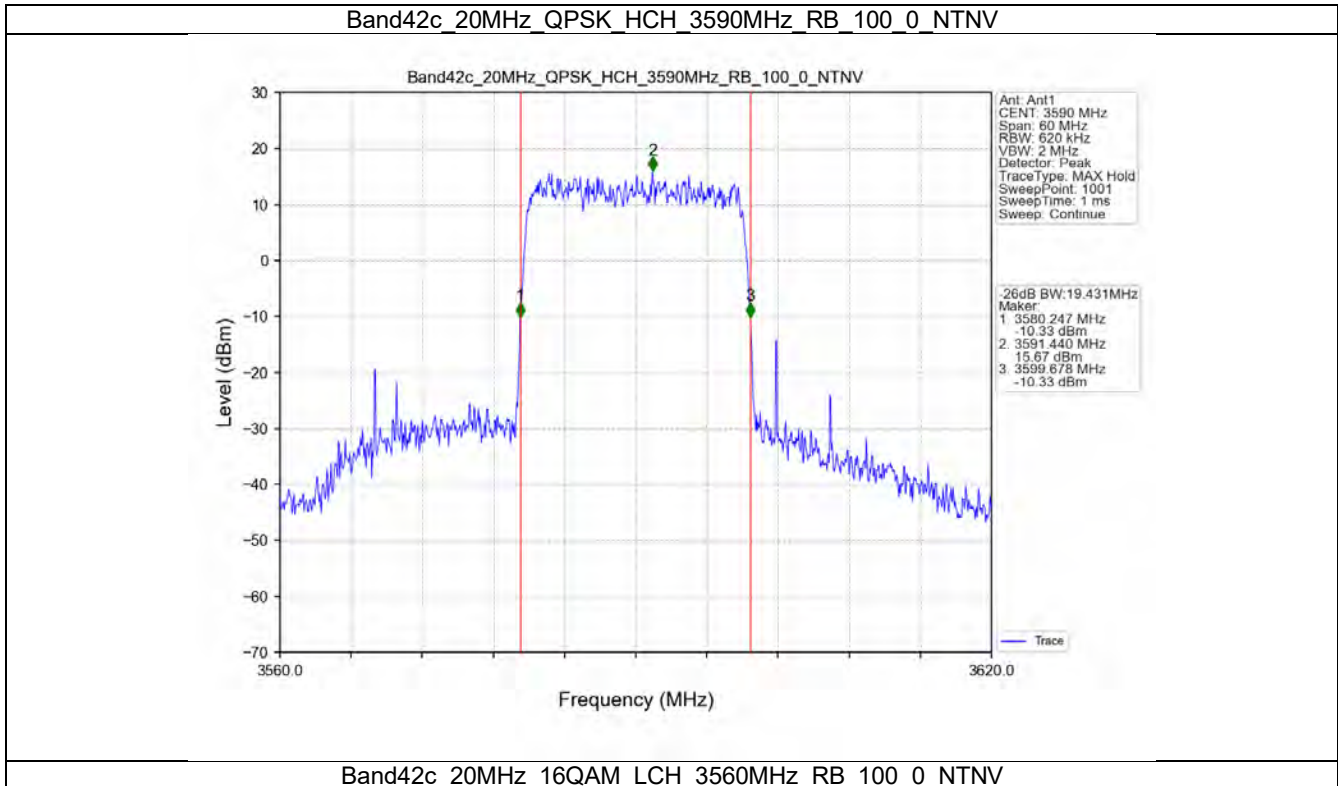


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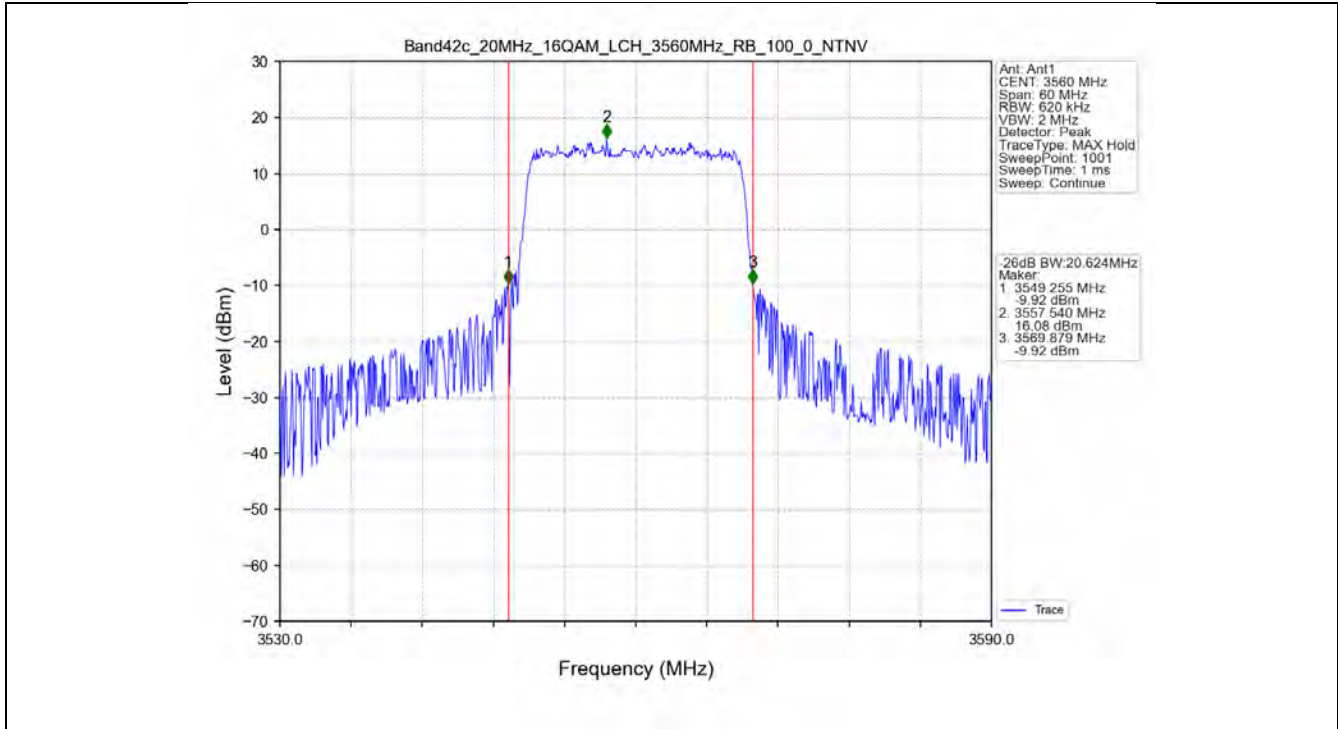


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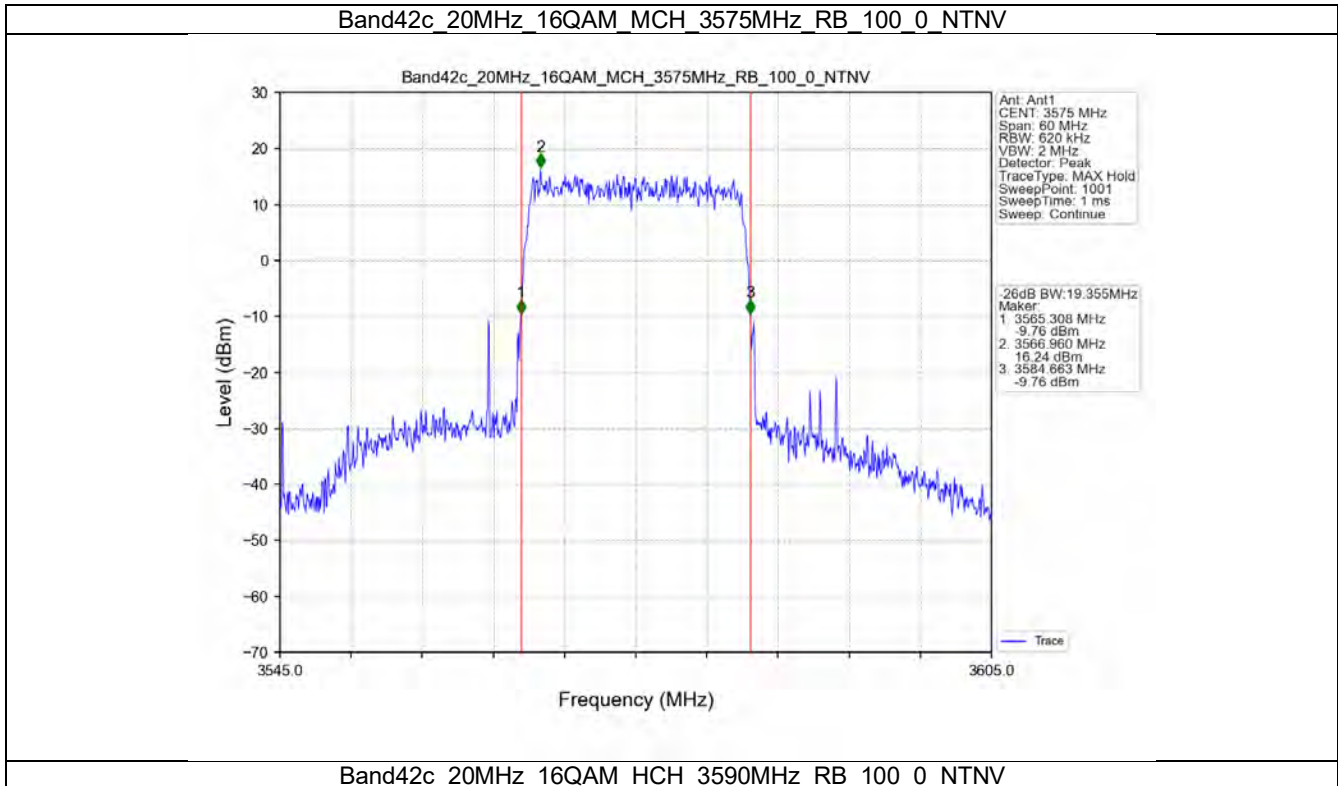


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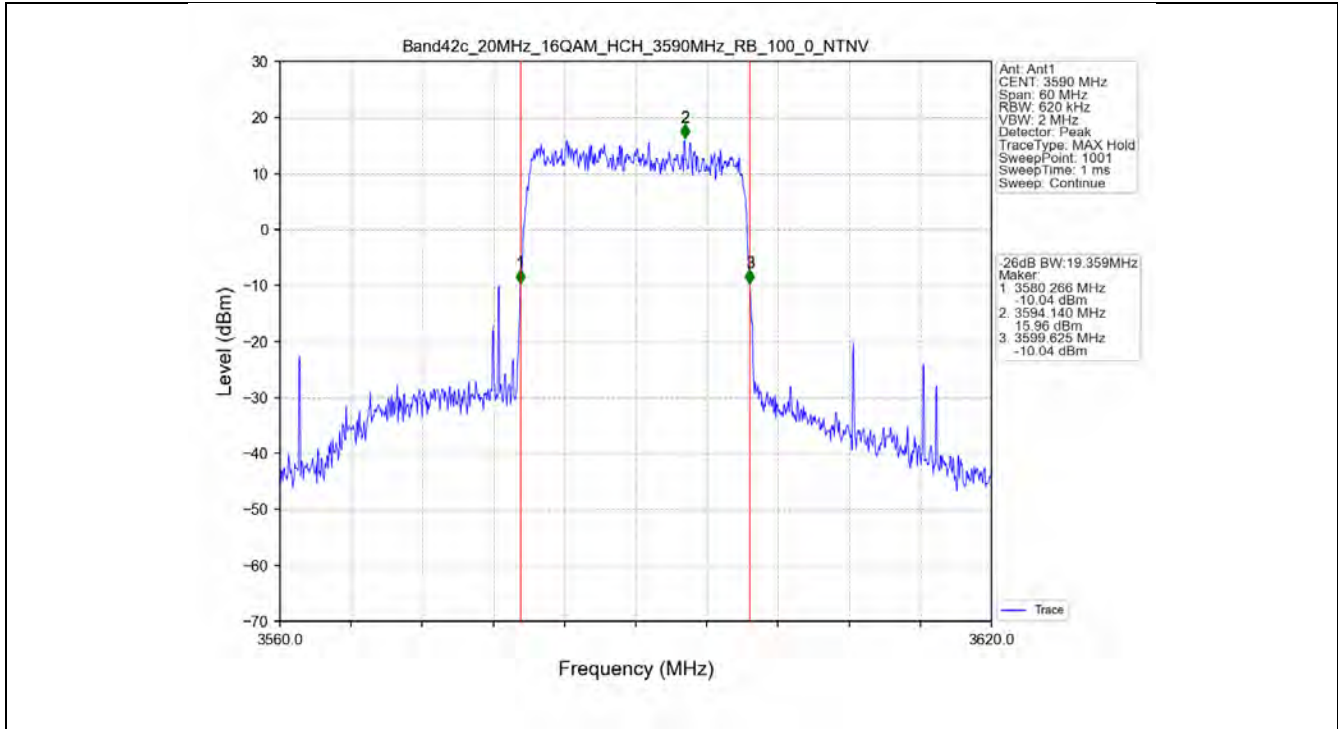


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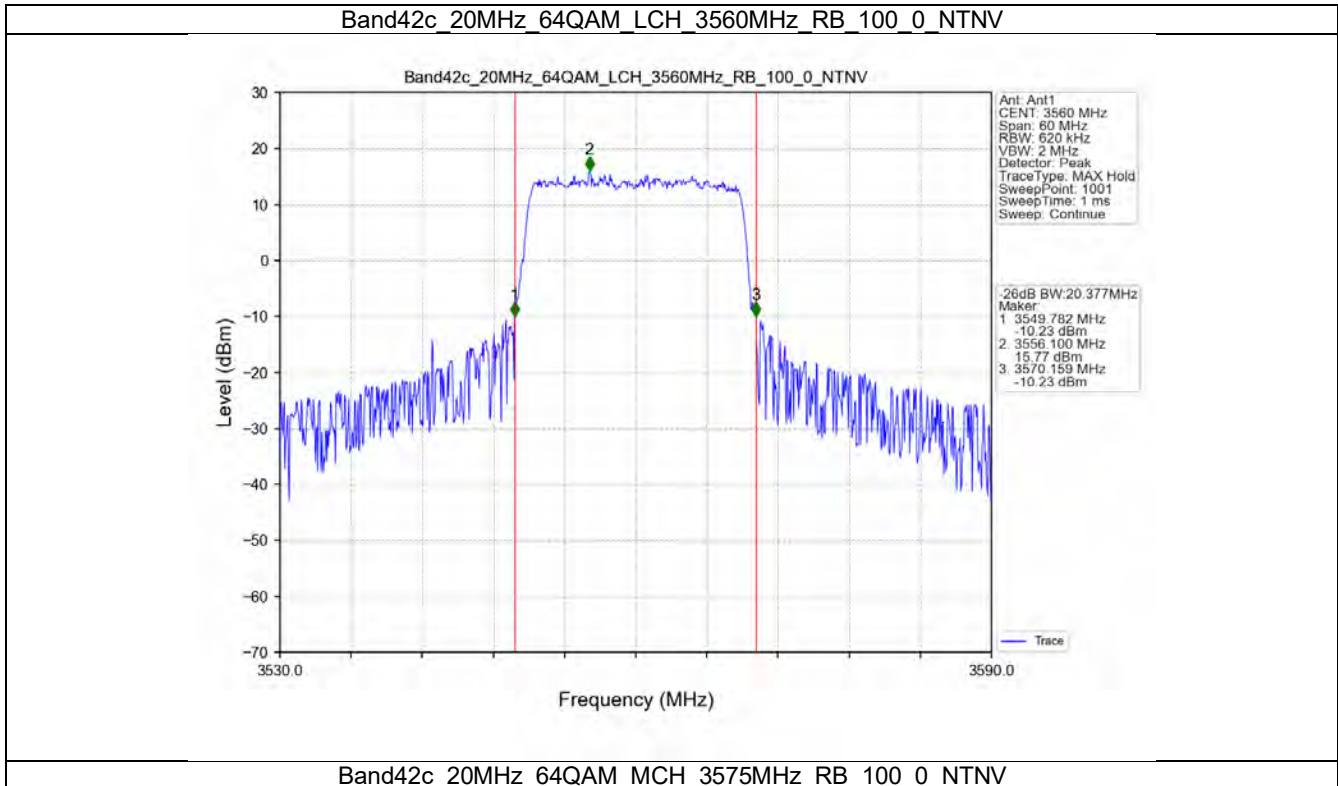


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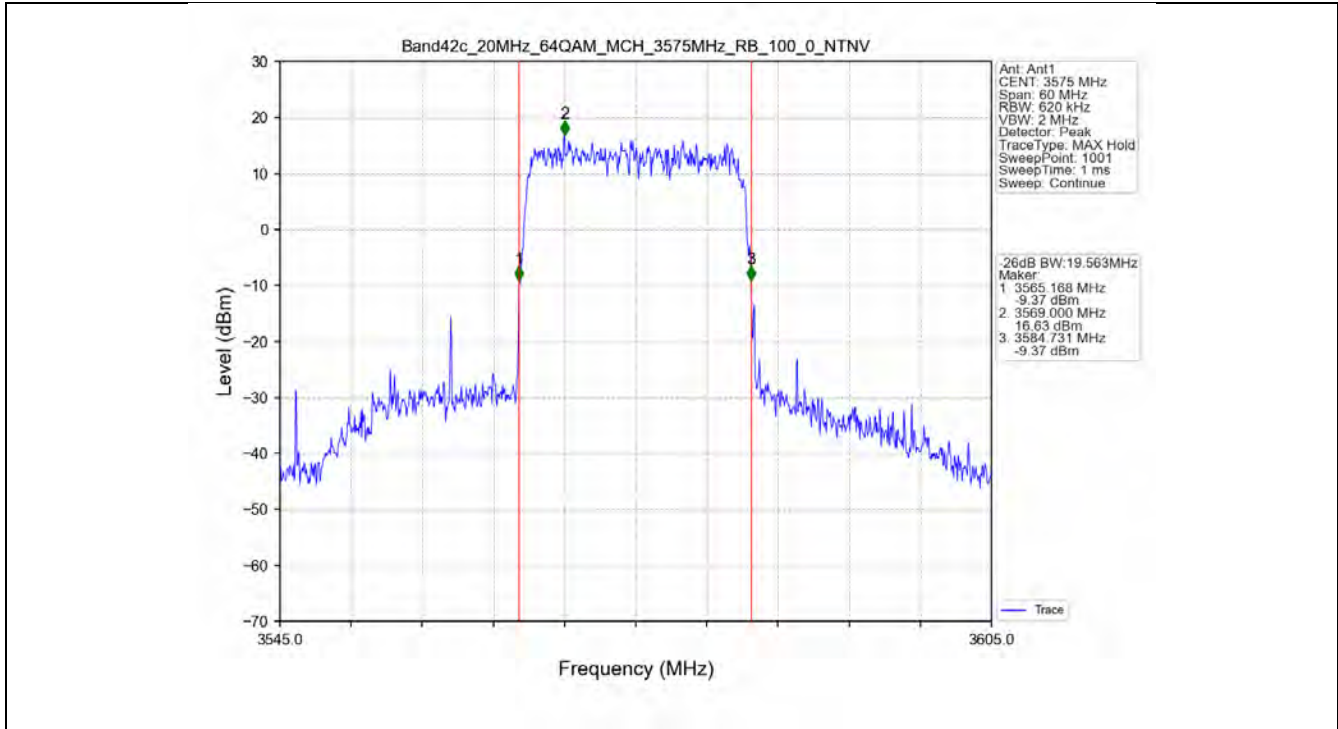


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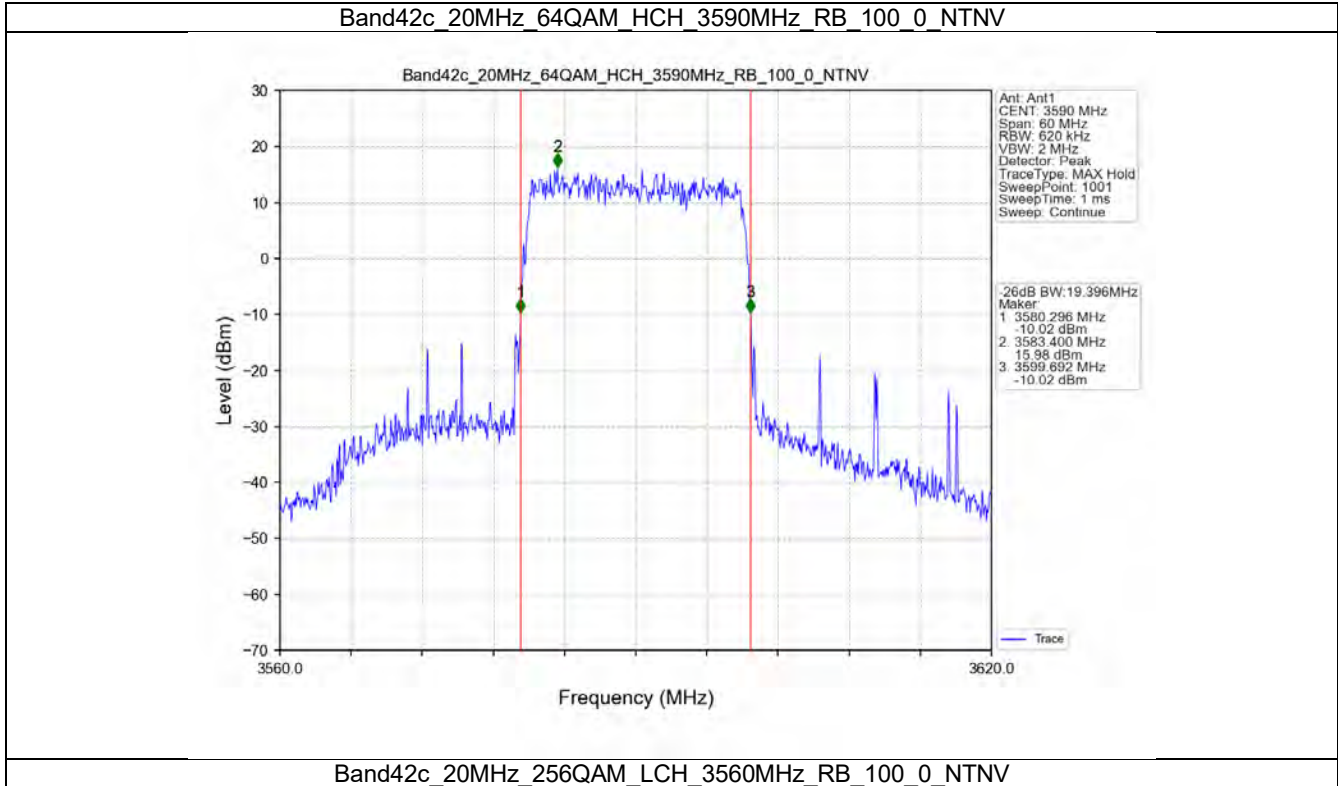


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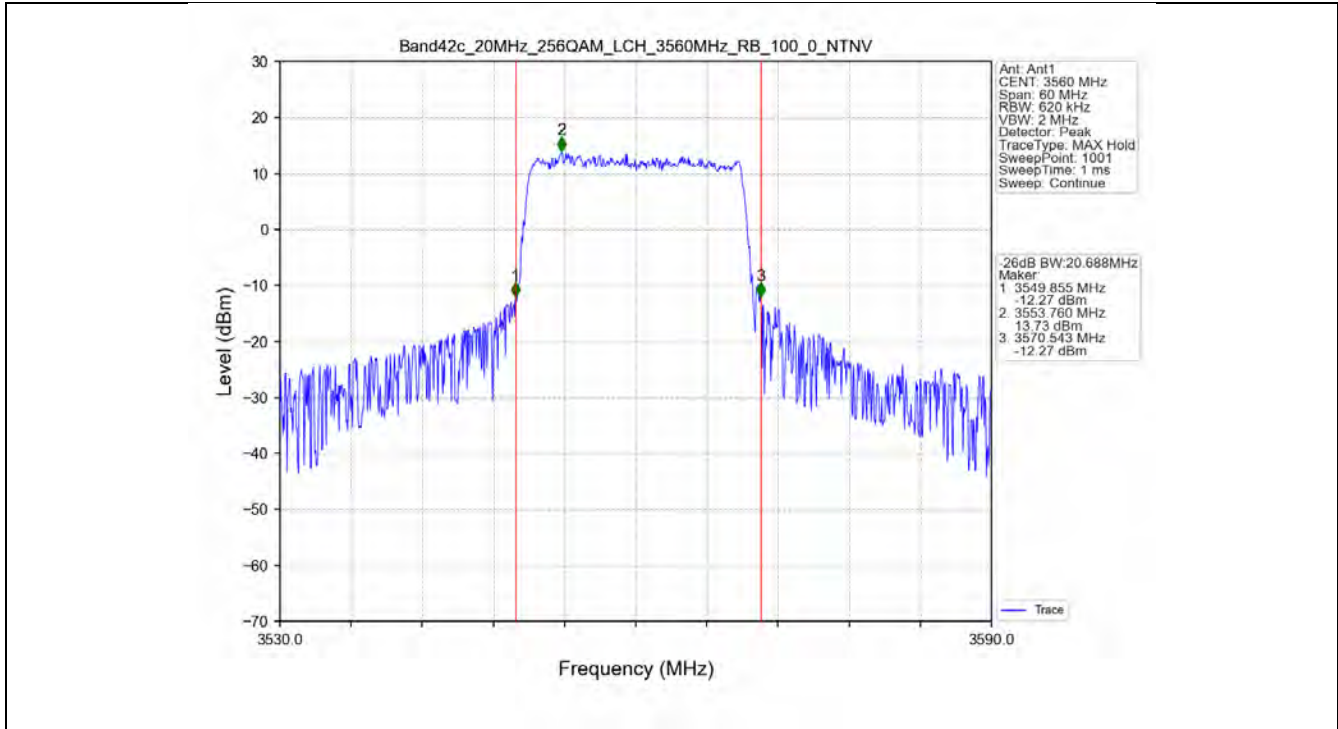


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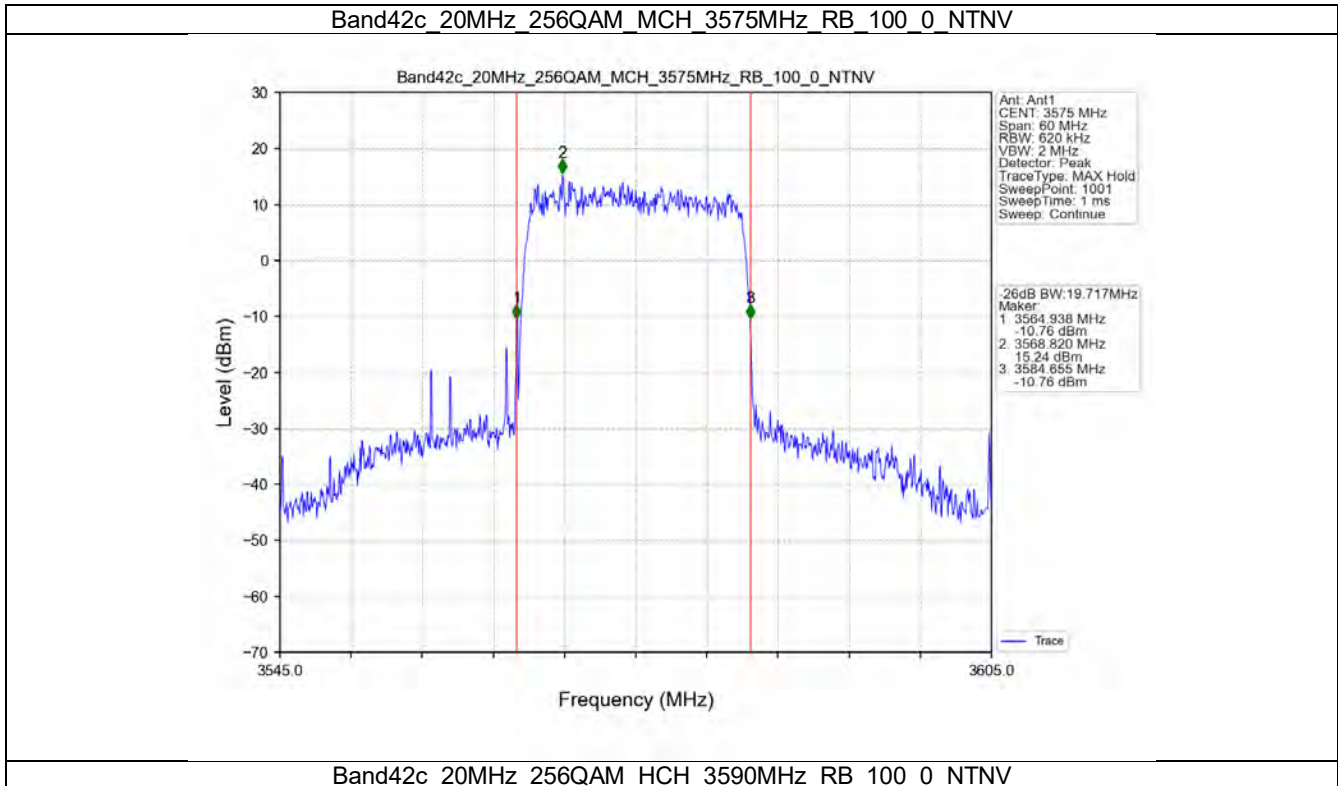


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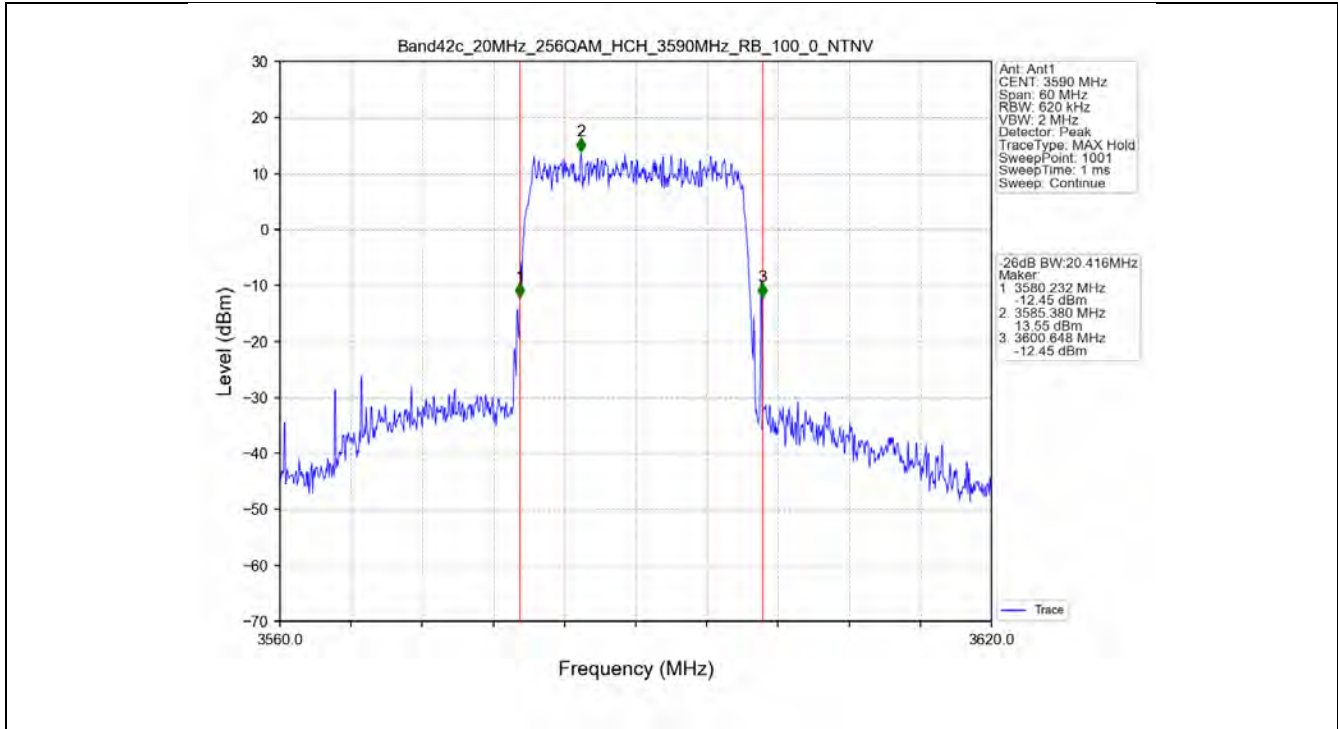


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## 4. Peak-Average Ratio

### 4.1 B42c\_5MHz

#### 4.1.1 Test Result

Band: 42c / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	25	0	8.74	<=13	Pass
	3575	25	0	8.74	<=13	Pass
	3597.5	25	0	8.65	<=13	Pass
16QAM	3552.5	25	0	8.68	<=13	Pass
	3575	25	0	8.80	<=13	Pass
	3597.5	25	0	8.67	<=13	Pass
64QAM	3552.5	25	0	8.69	<=13	Pass
	3575	25	0	8.70	<=13	Pass
	3597.5	25	0	8.60	<=13	Pass
256QAM	3552.5	25	0	8.81	<=13	Pass
	3575	25	0	8.79	<=13	Pass
	3597.5	25	0	8.75	<=13	Pass



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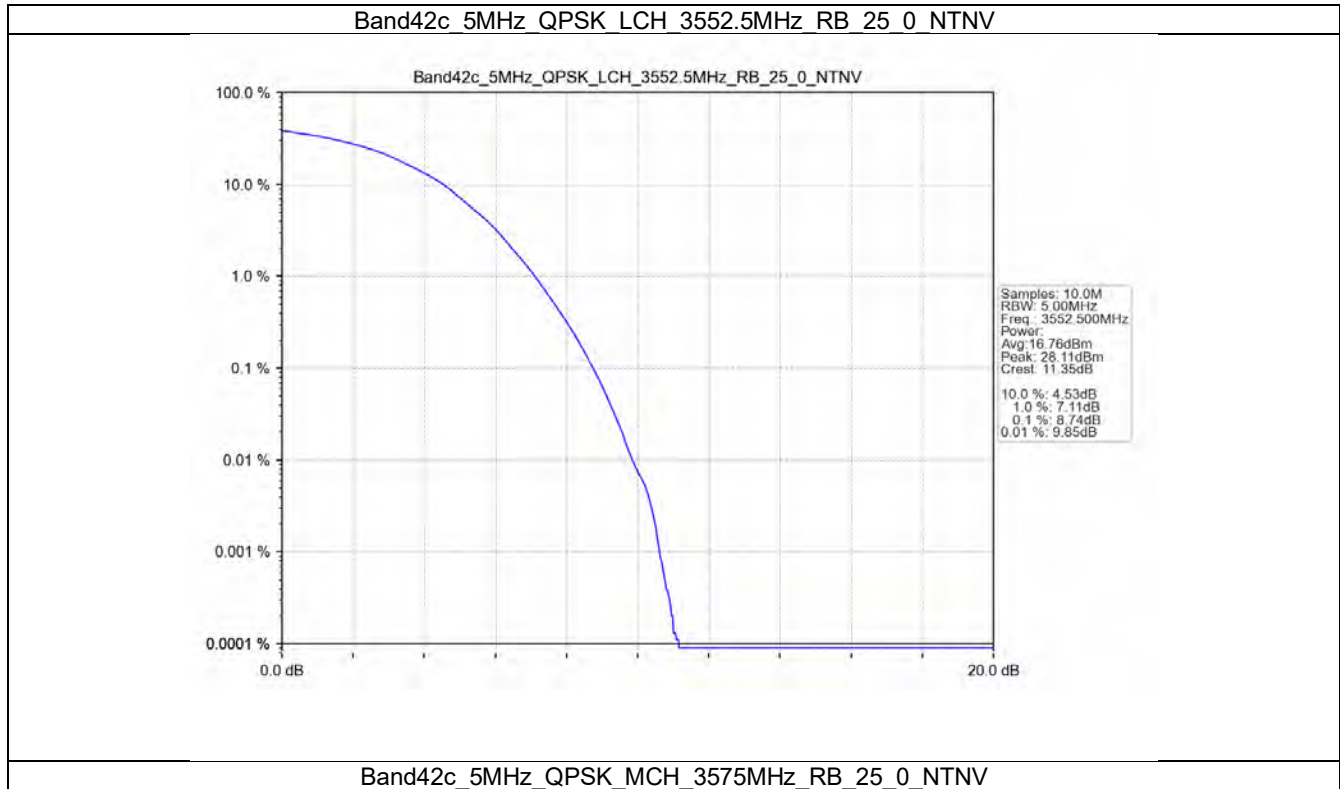
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4.1.2 Test Graph



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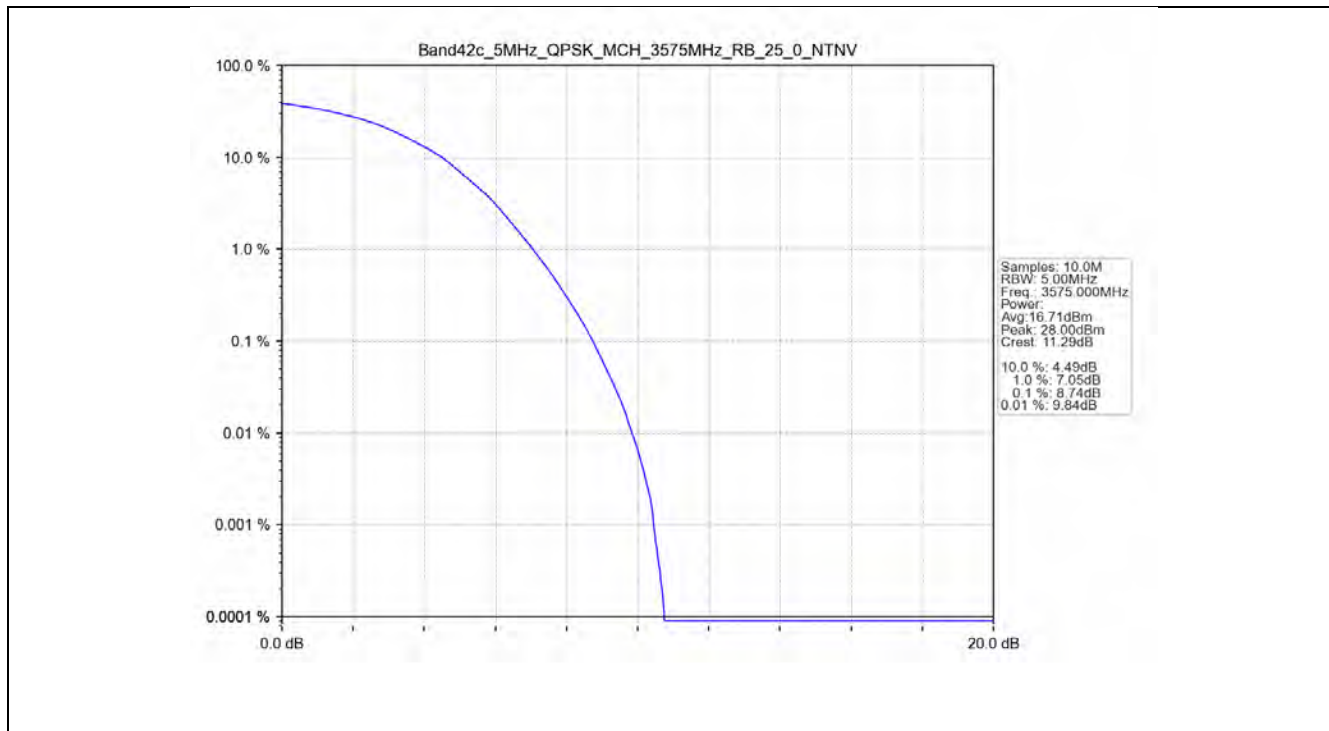
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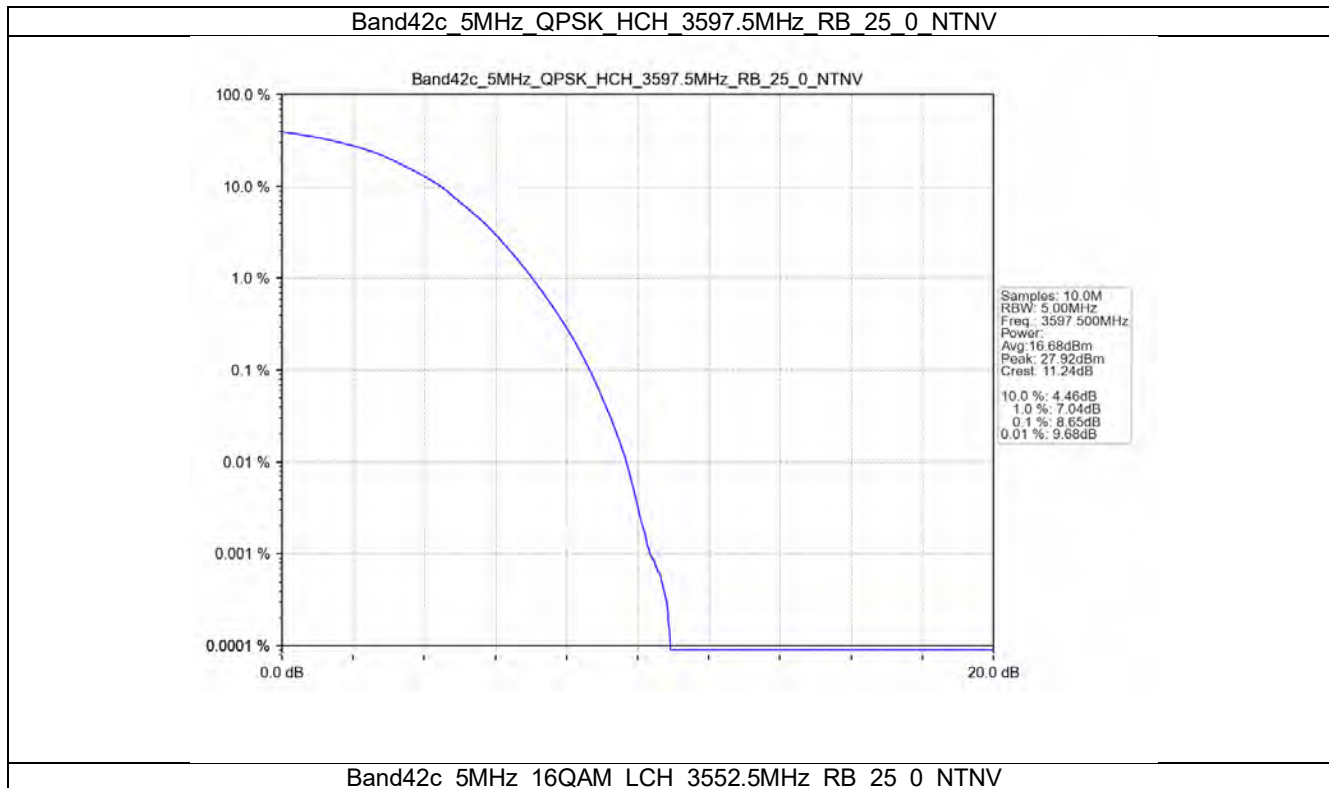
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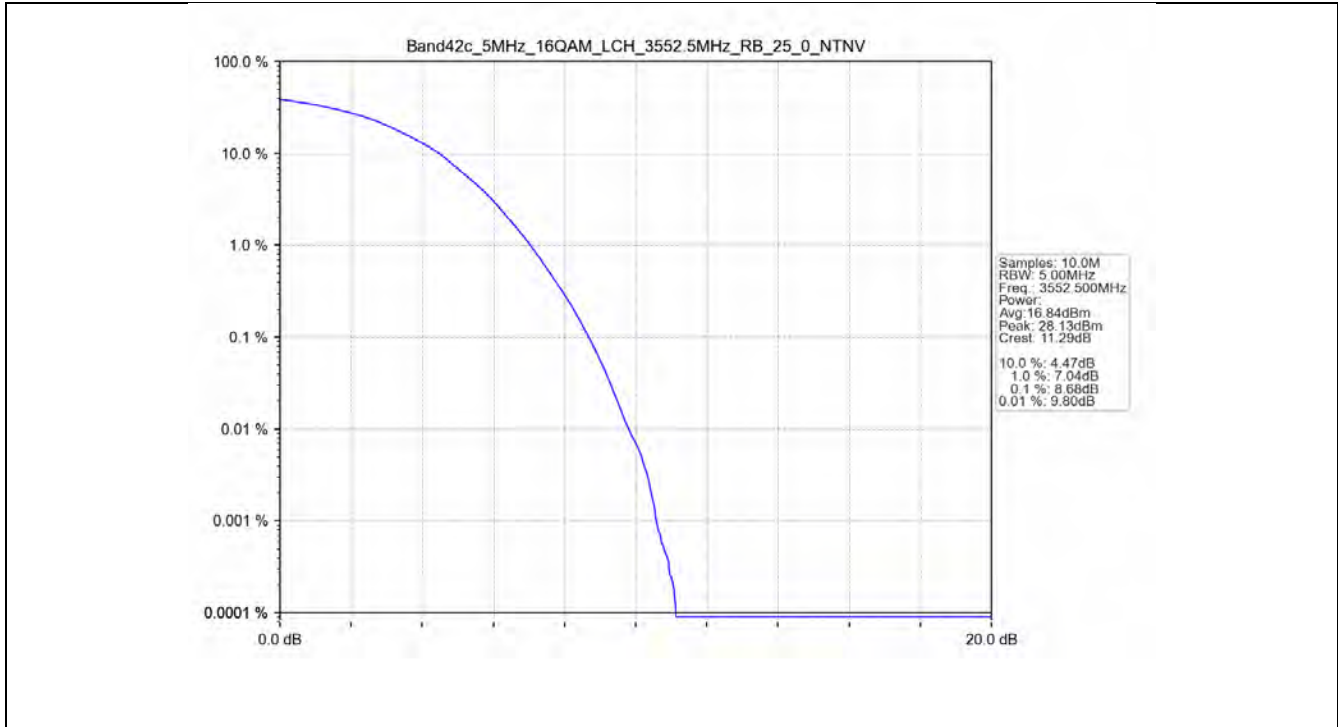


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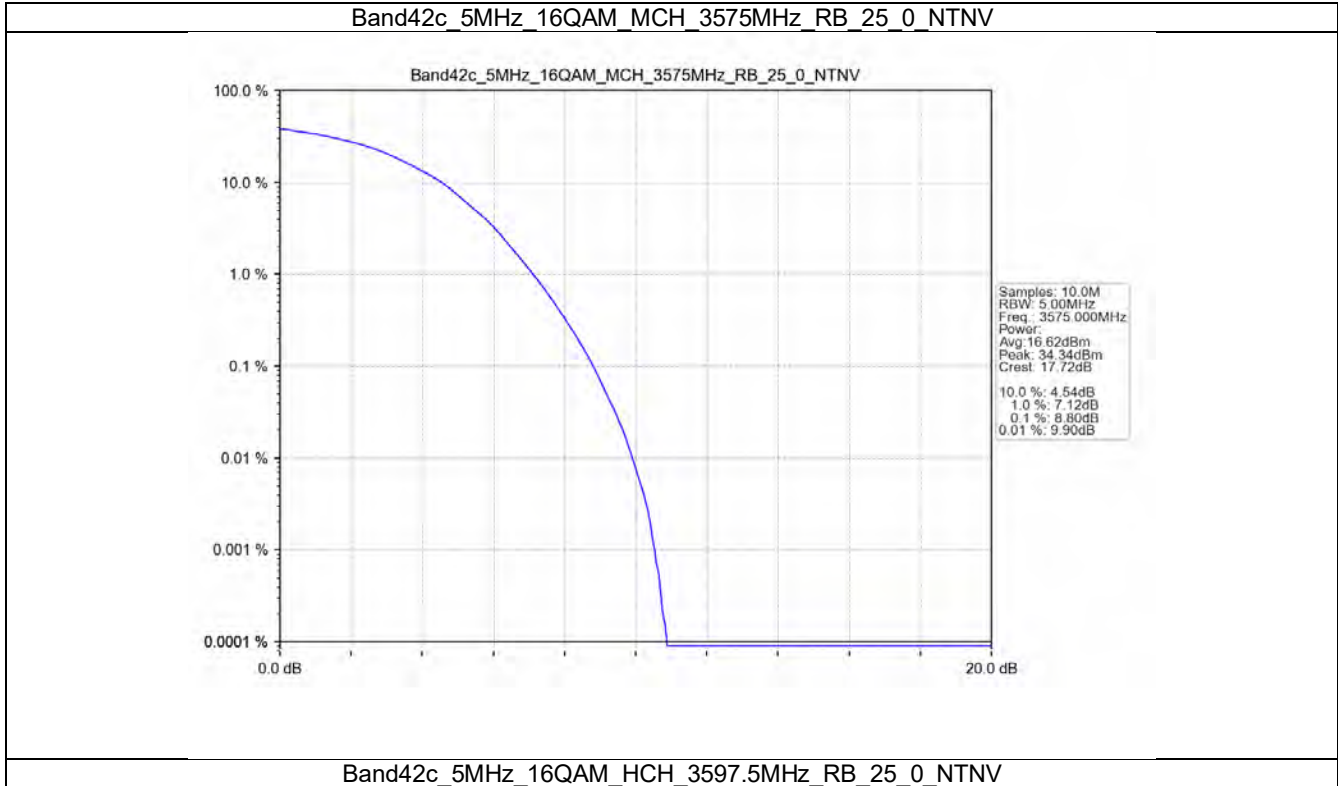


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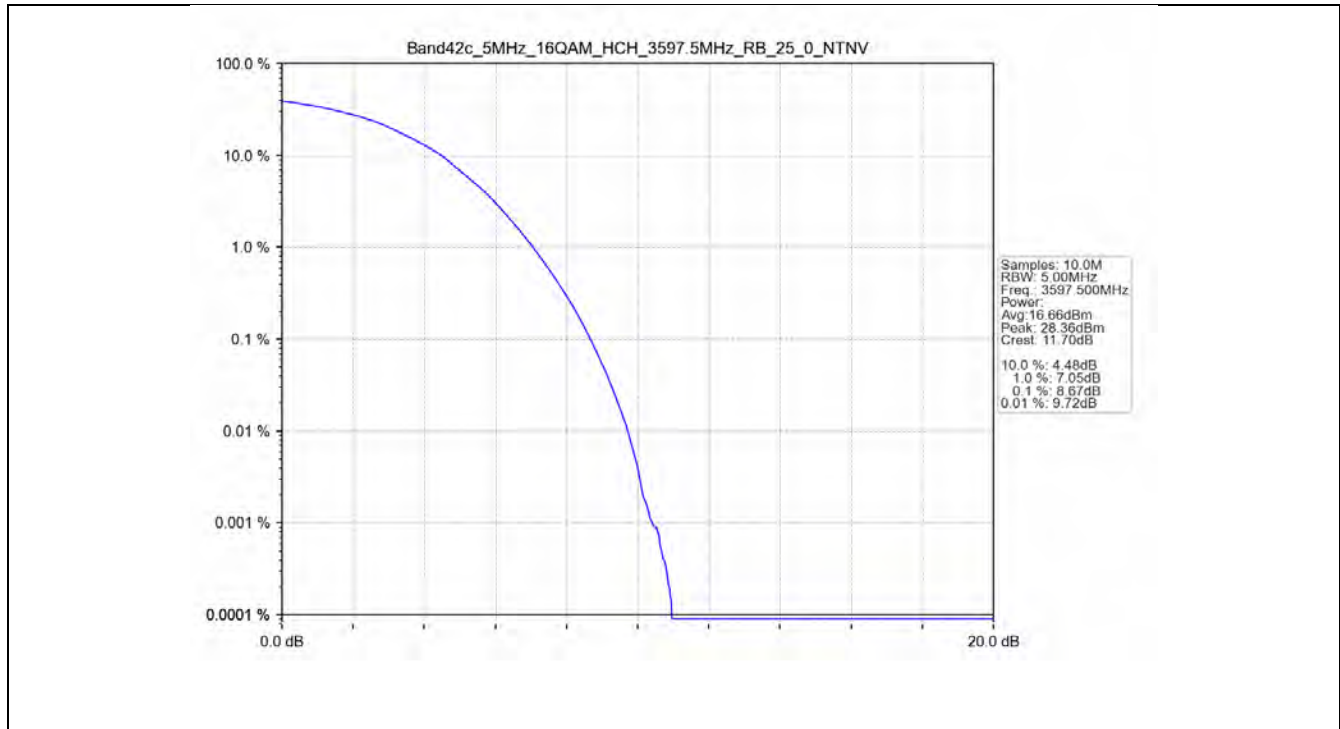


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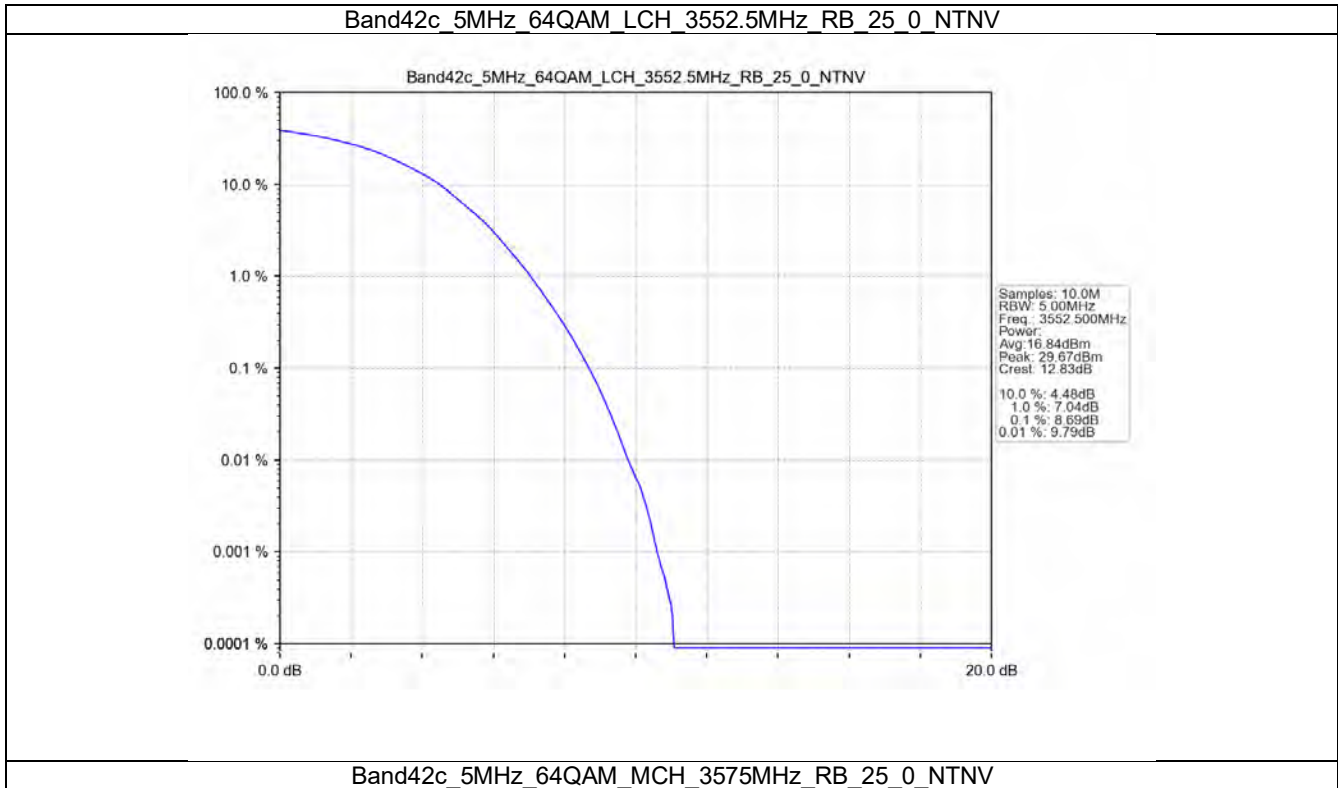


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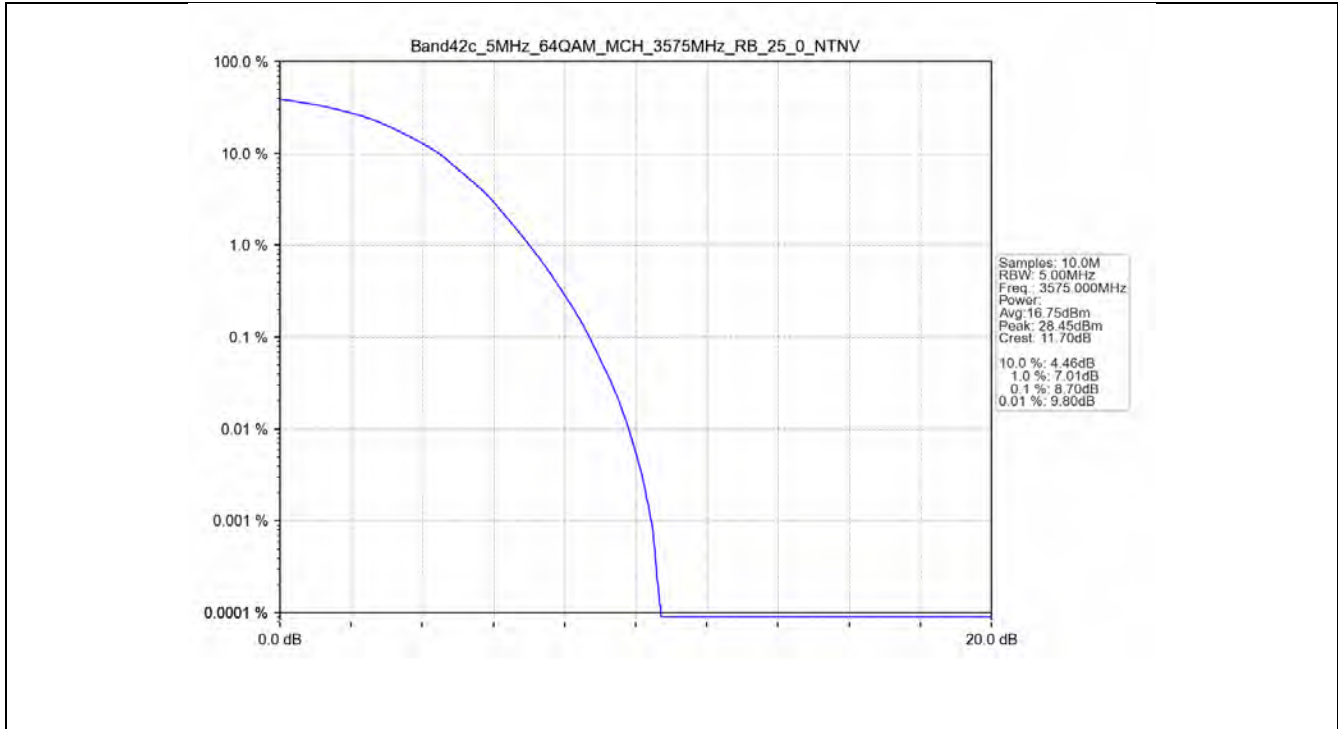


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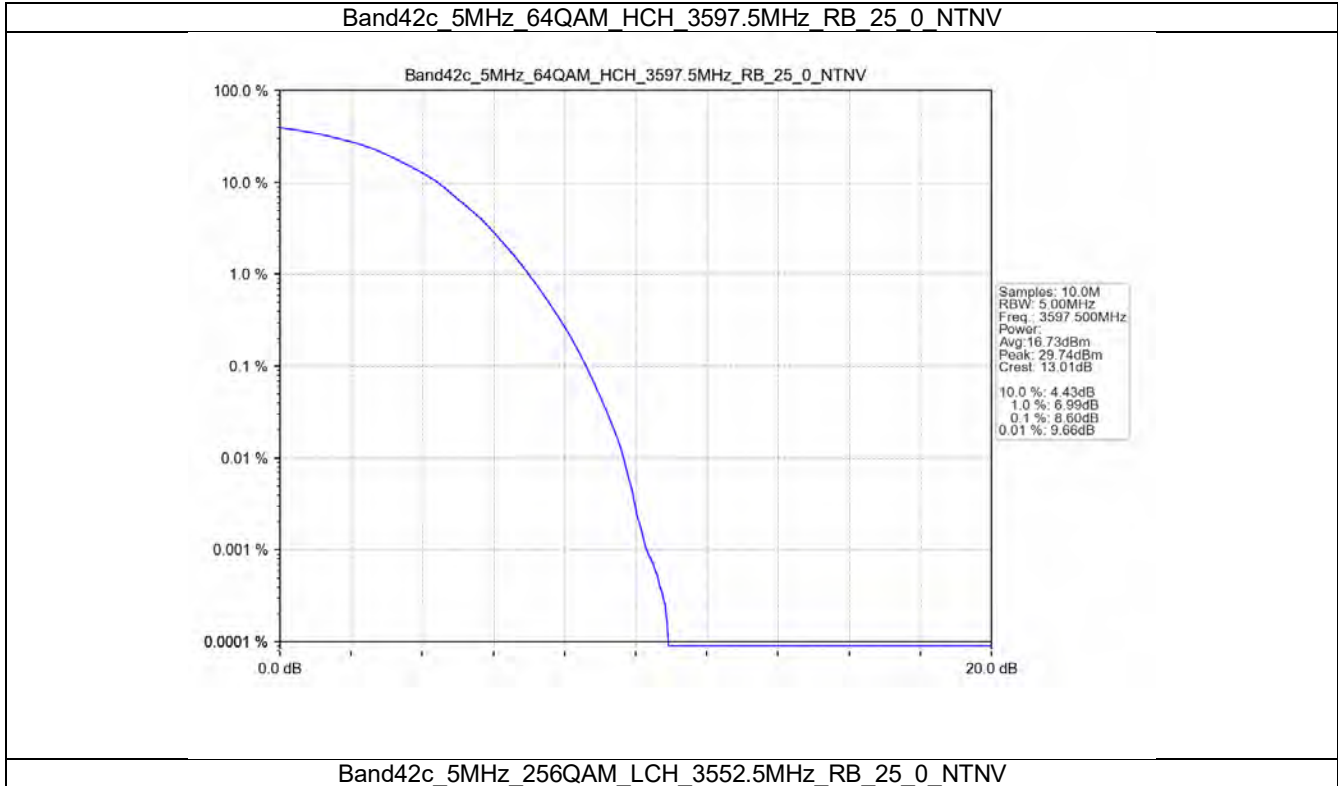


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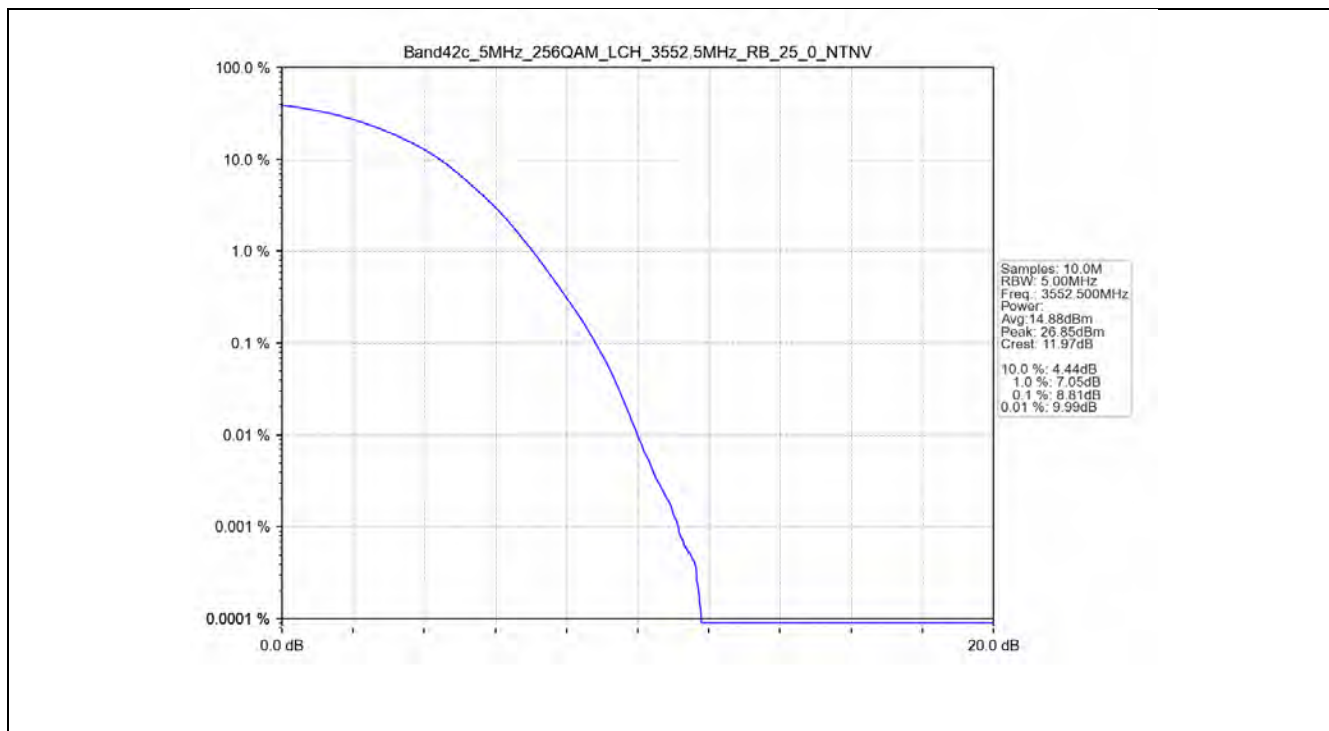
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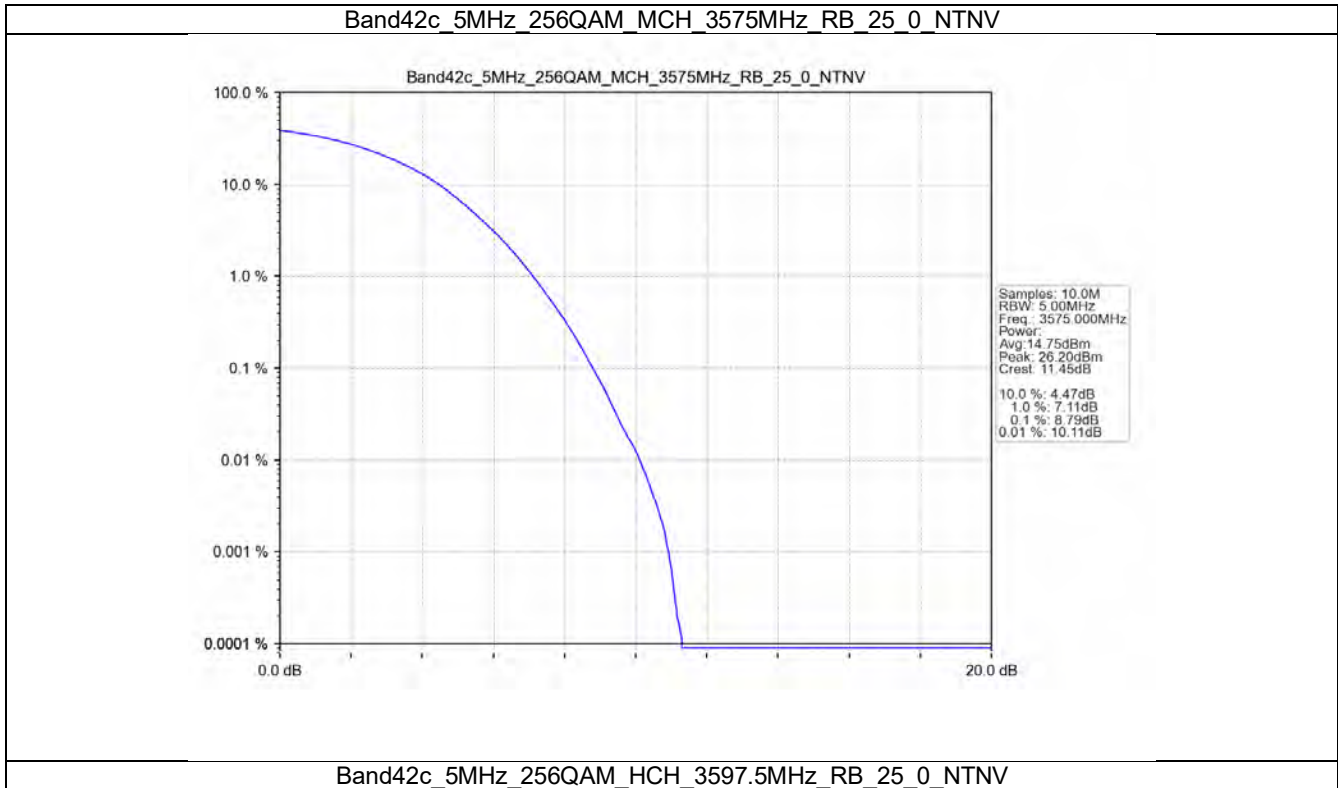


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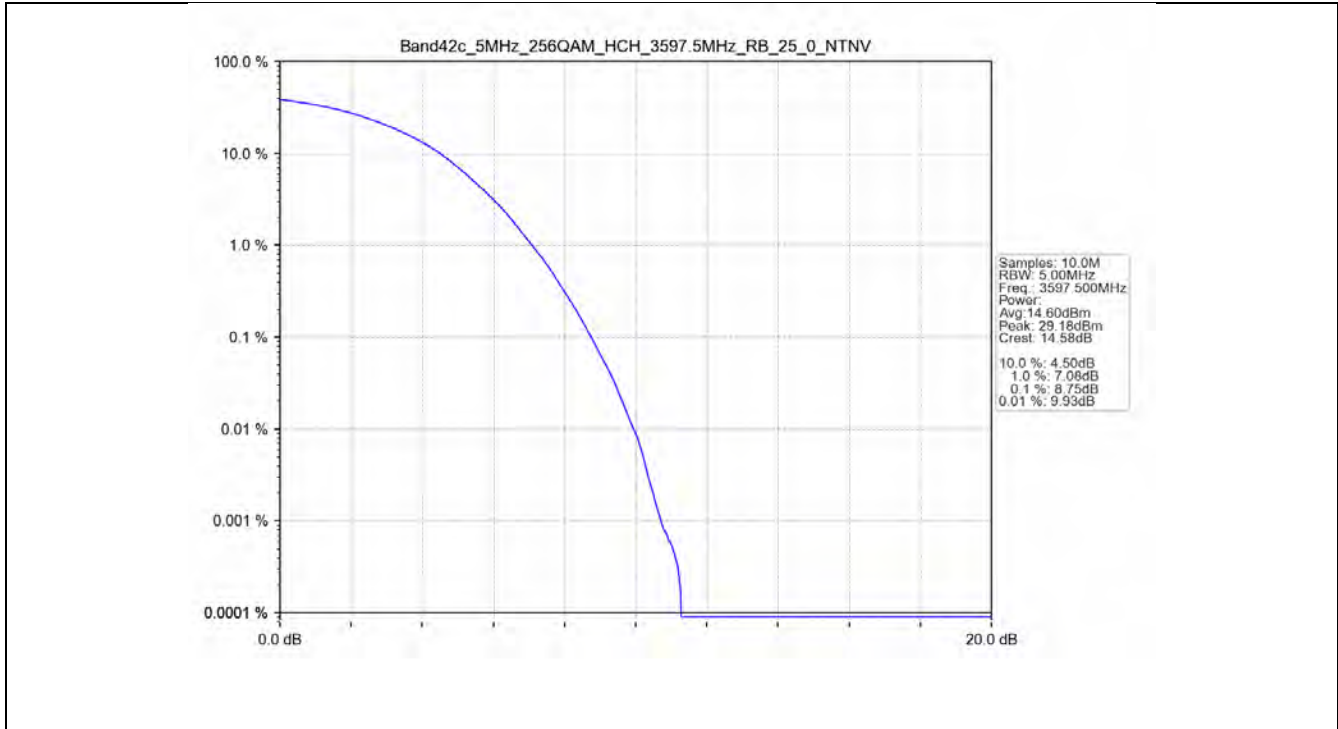
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## 4.2 B42c\_10MHz

### 4.2.1 Test Result

Band: 42c / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	50	0	8.65	<=13	Pass
	3575	50	0	8.64	<=13	Pass
	3595	50	0	8.45	<=13	Pass
16QAM	3555	50	0	8.71	<=13	Pass
	3575	50	0	8.68	<=13	Pass
	3595	50	0	8.51	<=13	Pass
64QAM	3555	50	0	8.59	<=13	Pass
	3575	50	0	8.47	<=13	Pass
	3595	50	0	8.56	<=13	Pass
256QAM	3555	50	0	8.71	<=13	Pass
	3575	50	0	8.53	<=13	Pass
	3595	50	0	8.70	<=13	Pass



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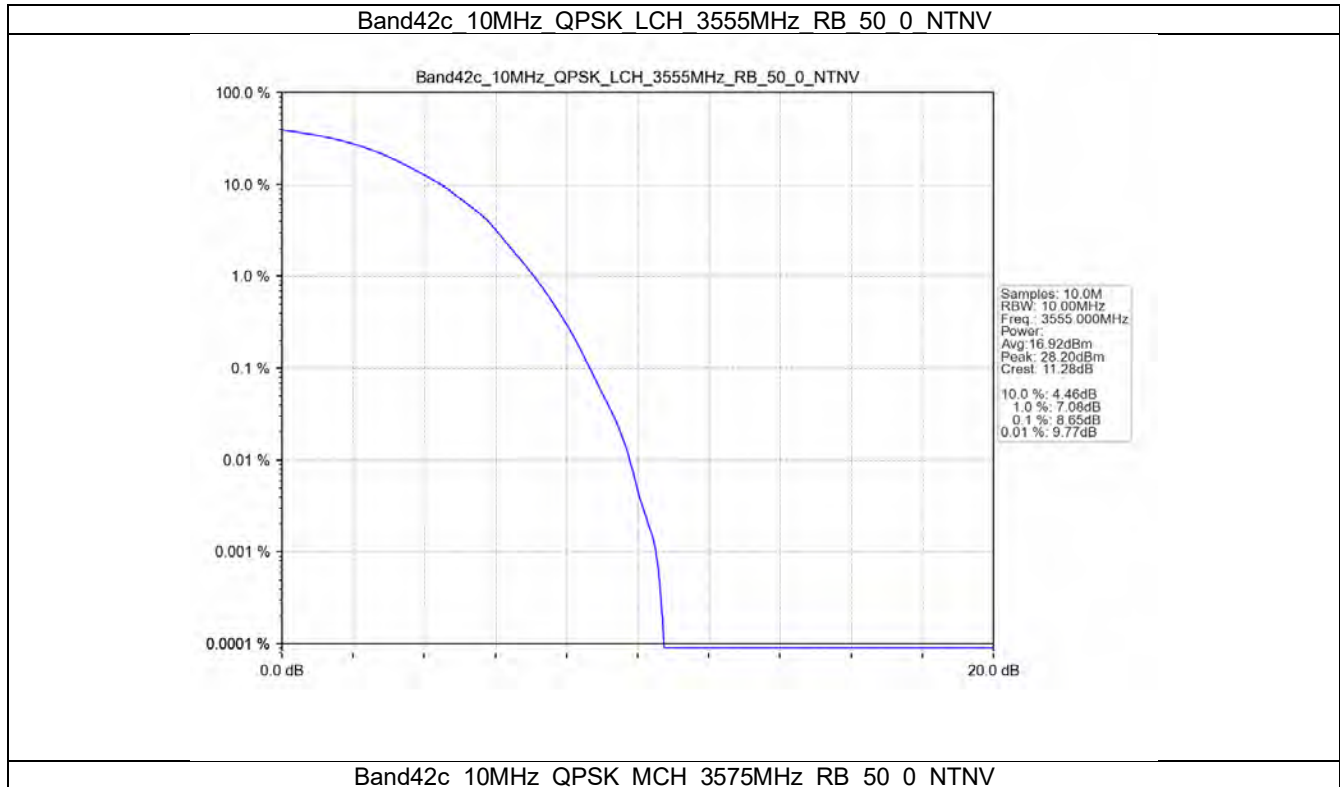
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4.2.2 Test Graph



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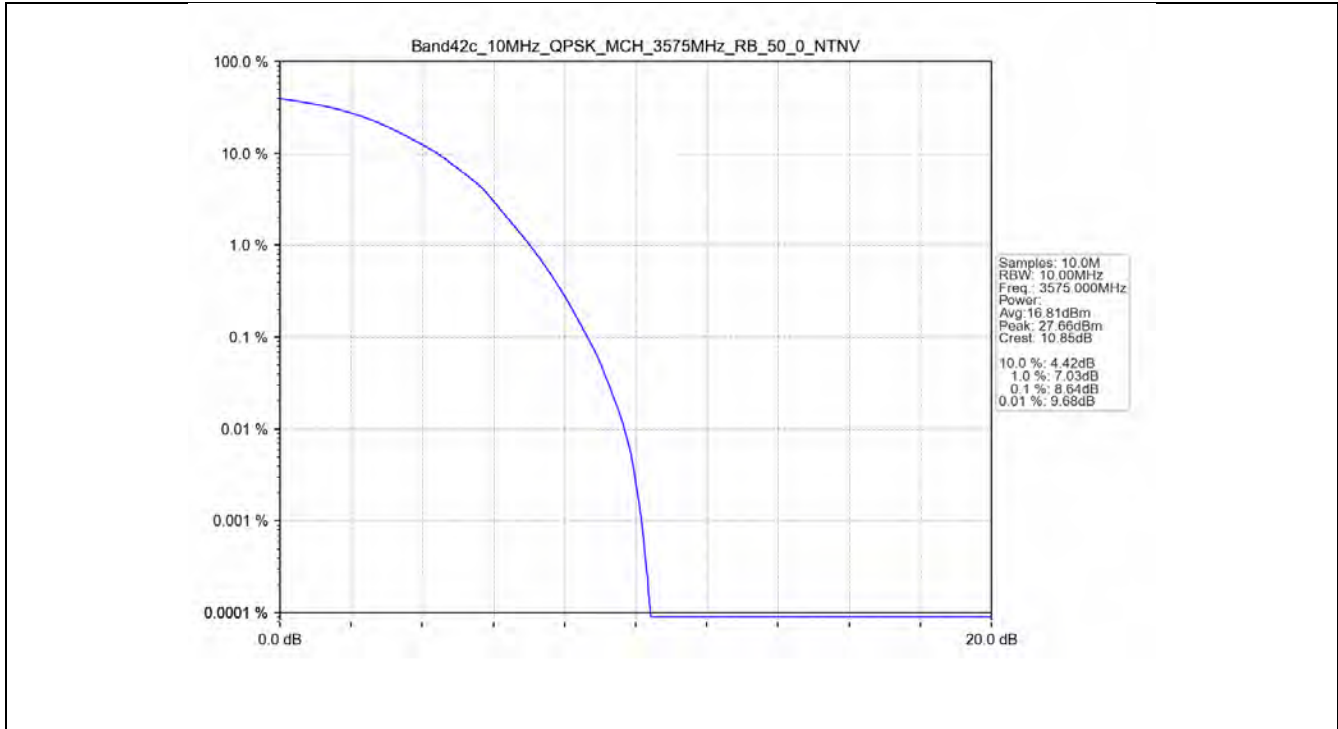


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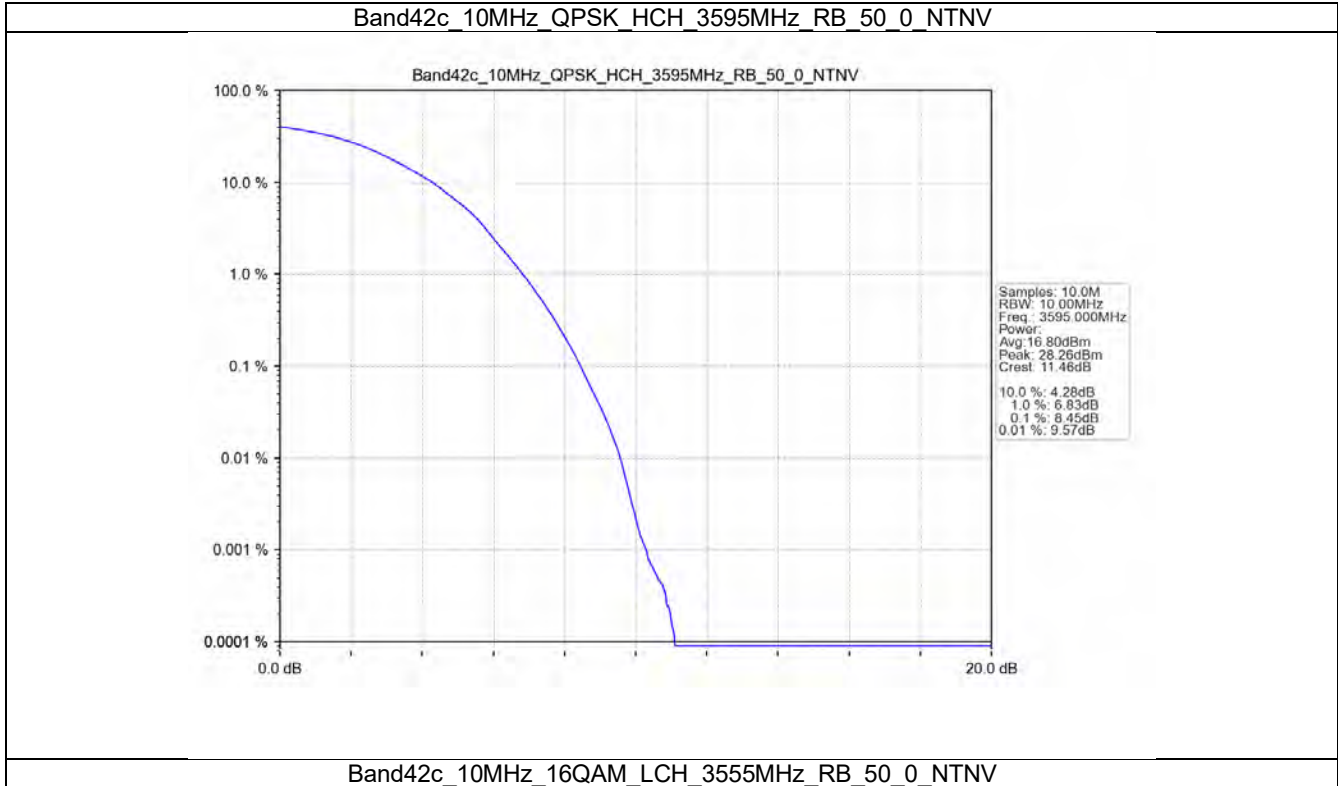


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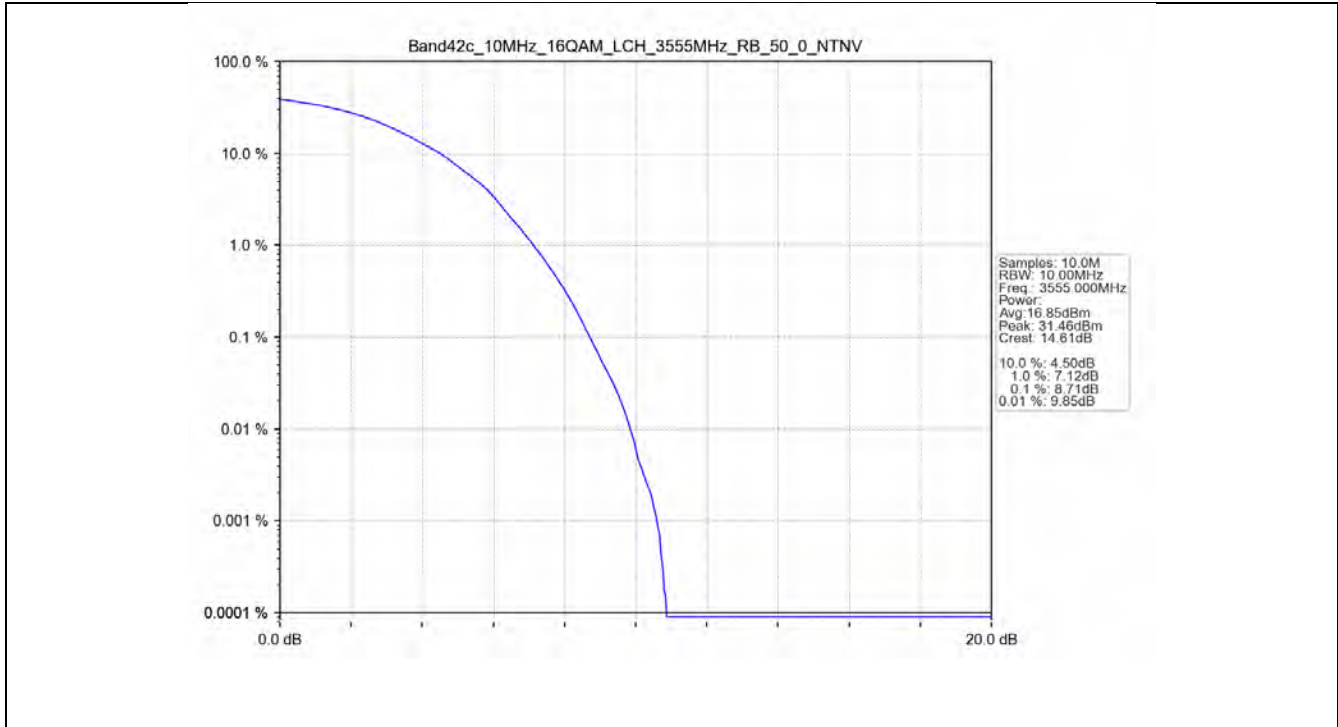


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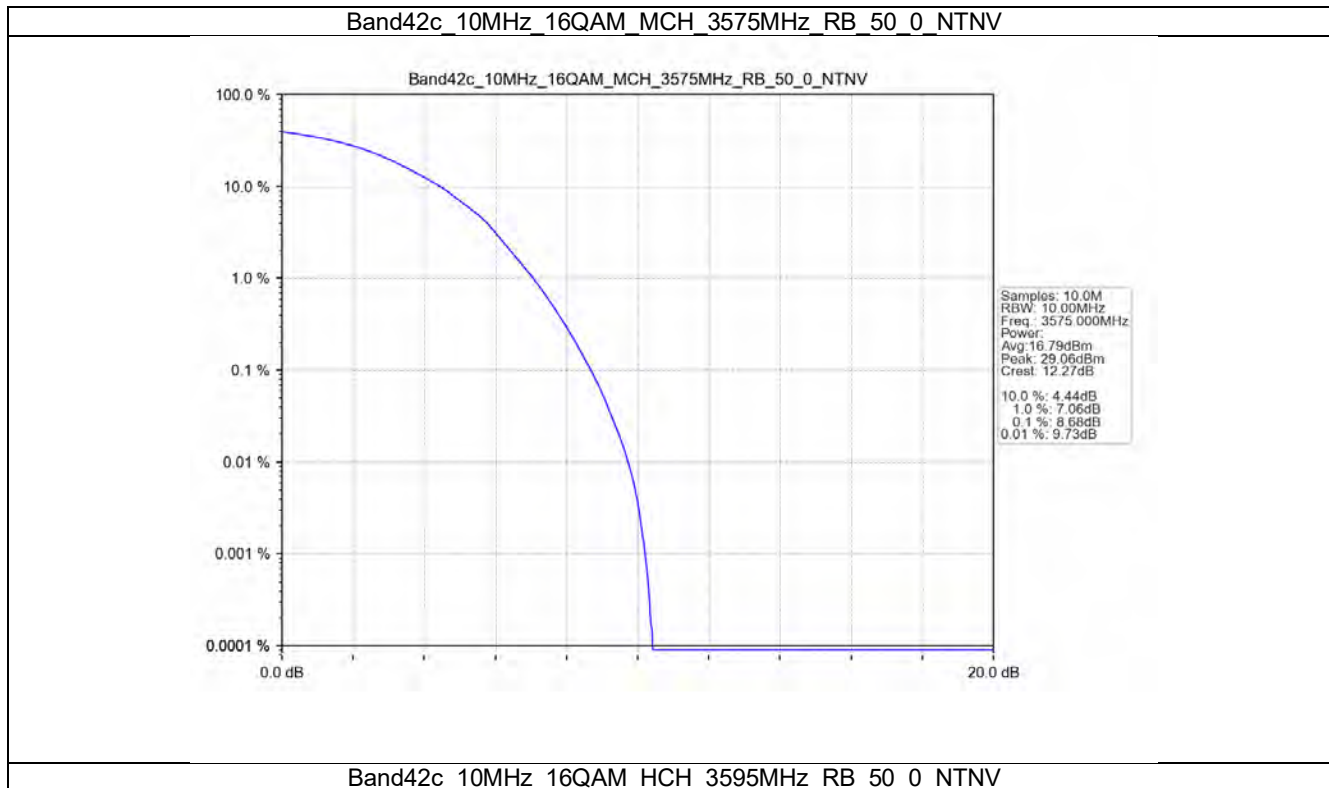
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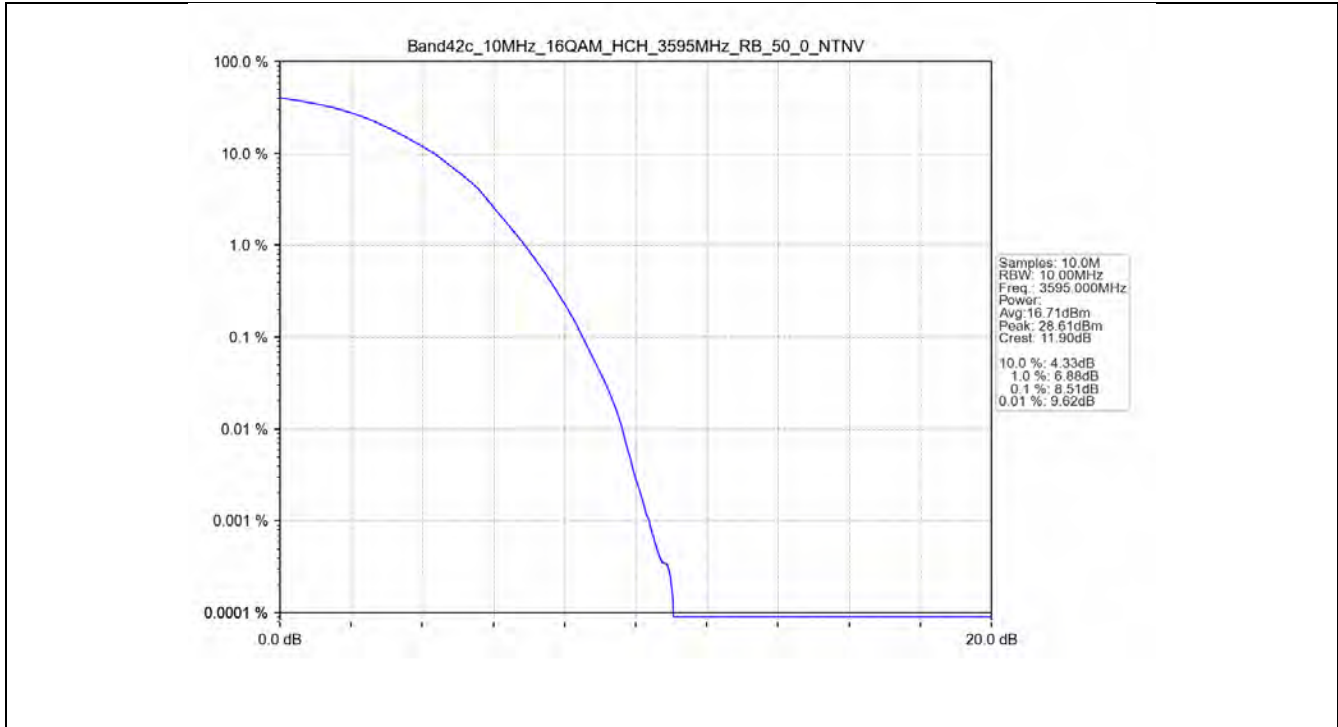


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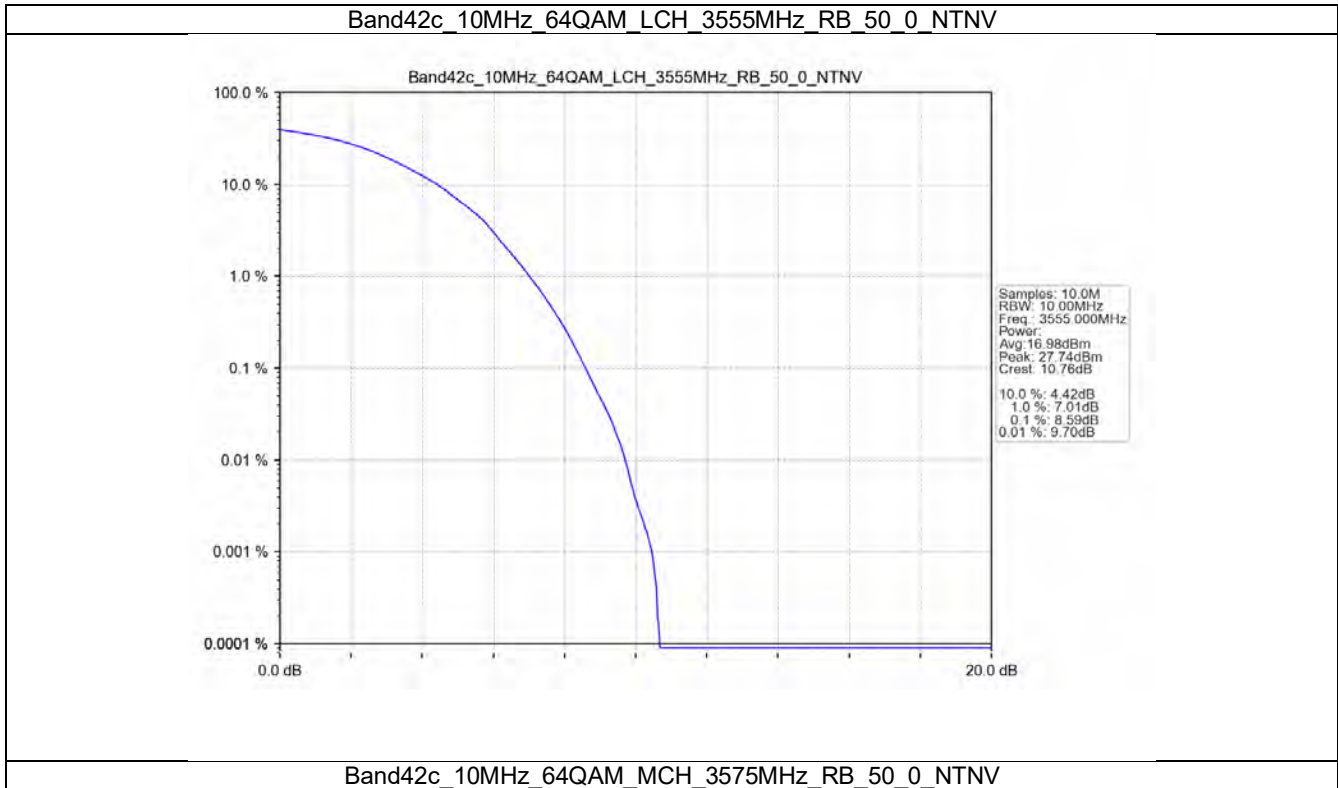


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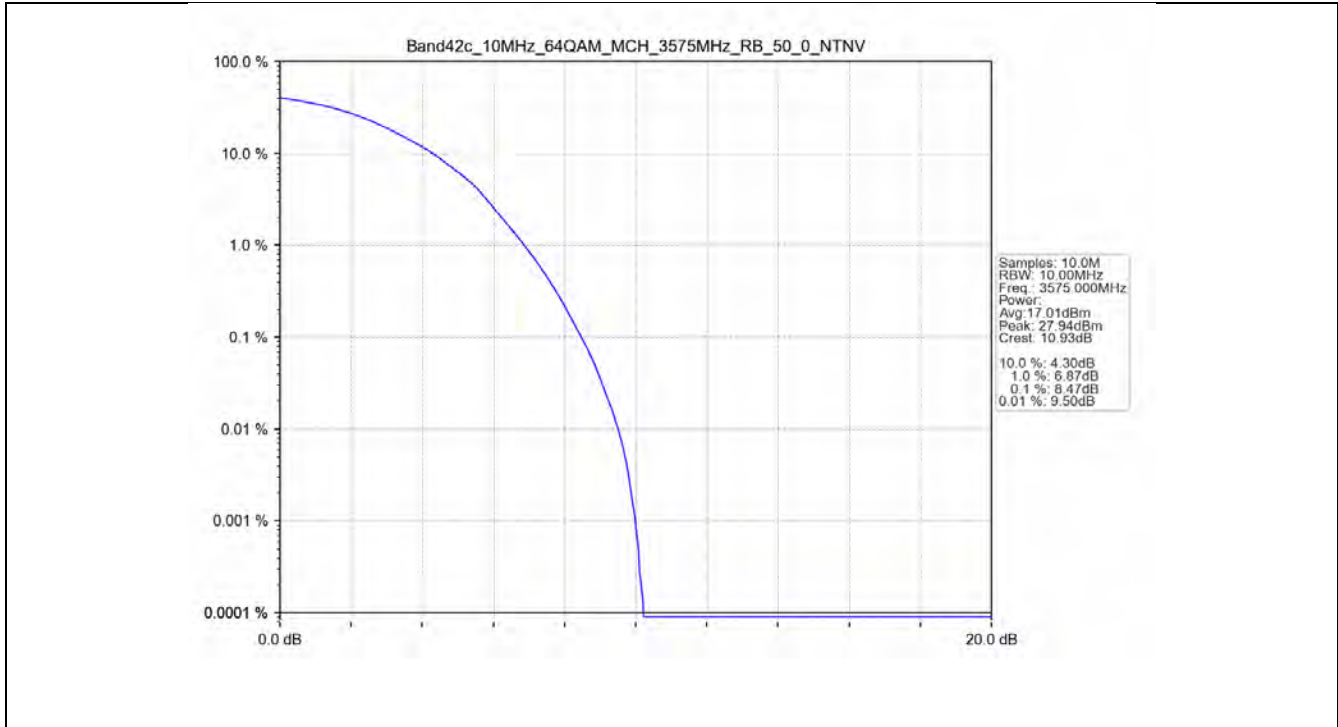


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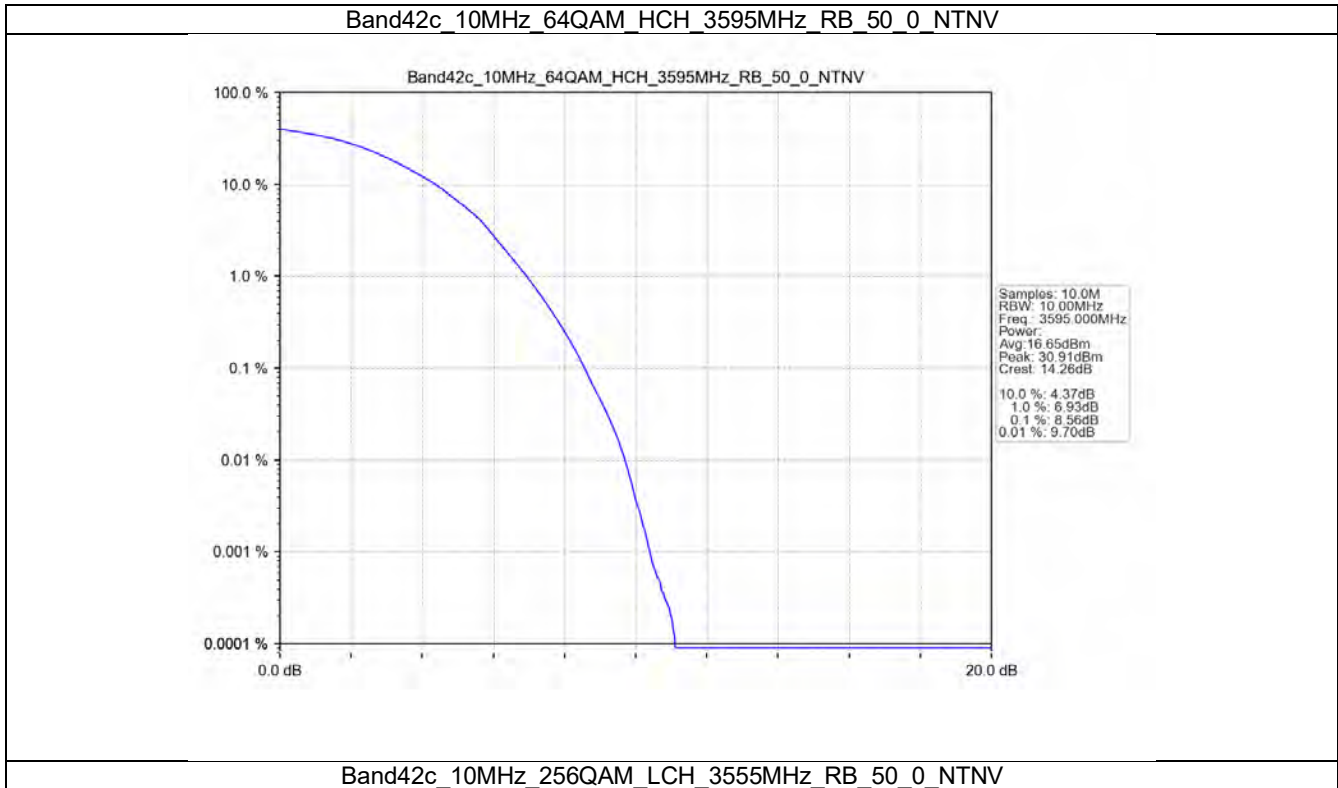


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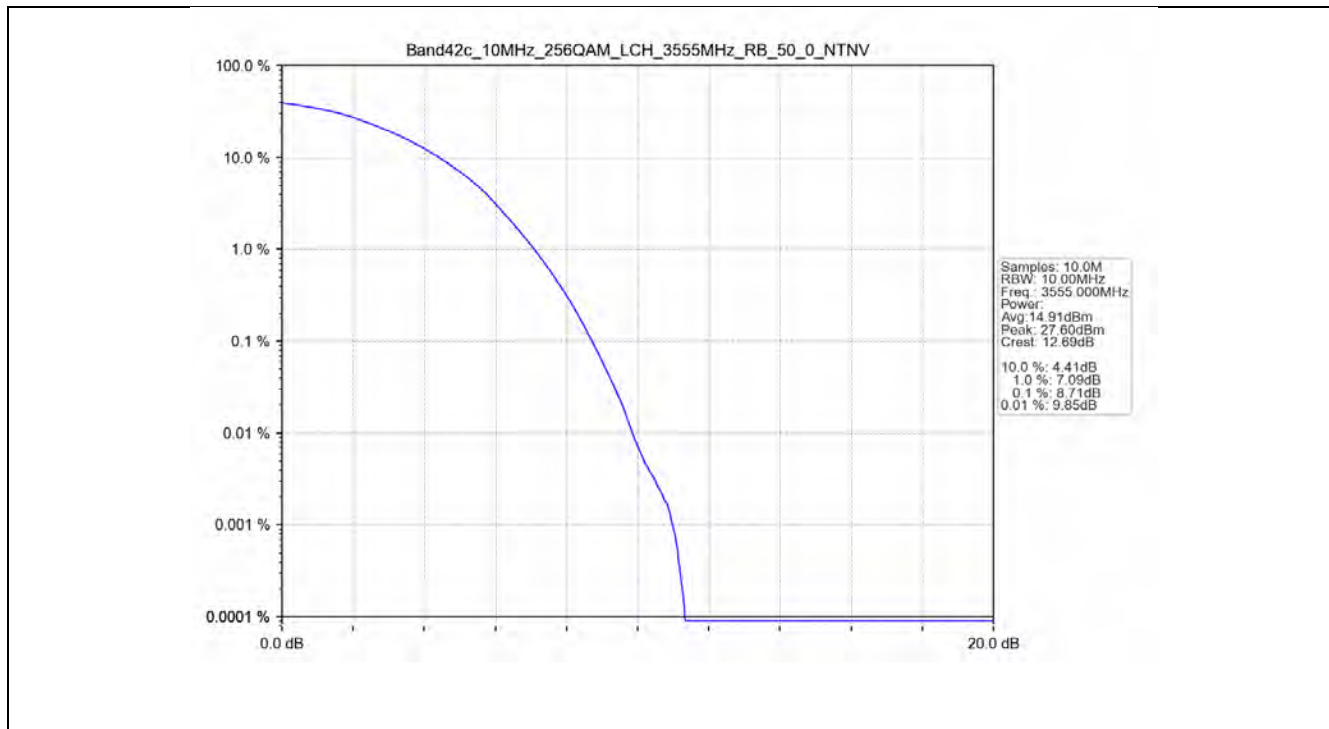
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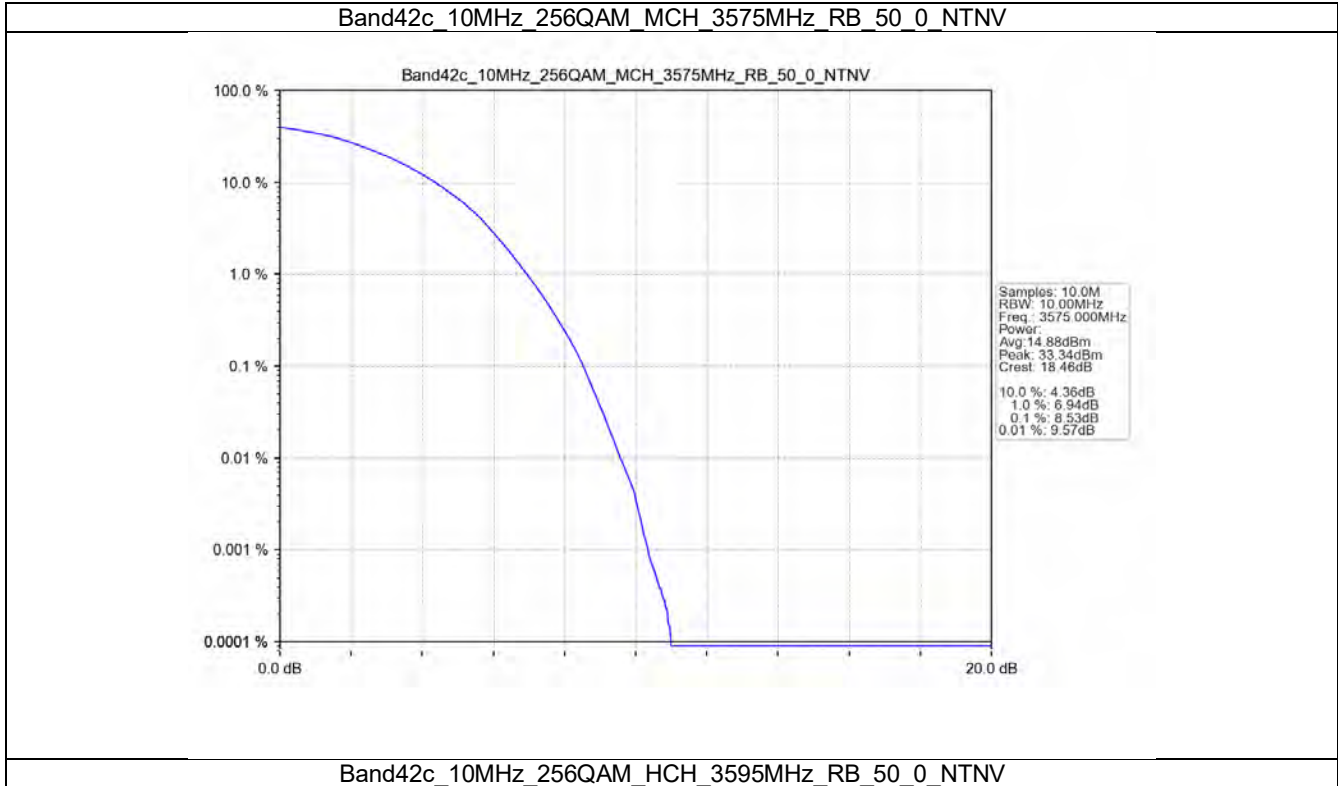


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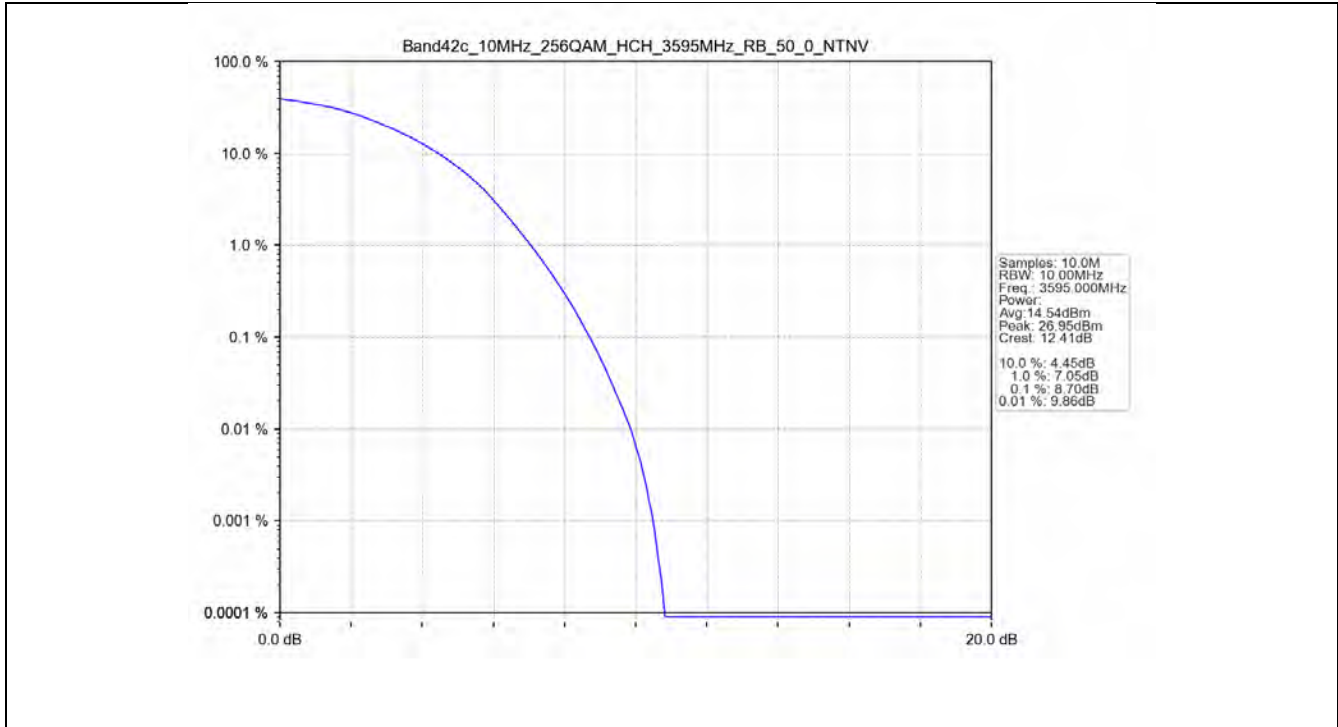


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## 4.3 B42c\_15MHz

### 4.3.1 Test Result

Band: 42c / Bandwidth: 15MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	75	0	8.52	<=13	Pass
	3575	75	0	8.63	<=13	Pass
	3592.5	75	0	8.78	<=13	Pass
16QAM	3557.5	75	0	8.58	<=13	Pass
	3575	75	0	8.62	<=13	Pass
	3592.5	75	0	8.61	<=13	Pass
64QAM	3557.5	75	0	8.70	<=13	Pass
	3575	75	0	8.86	<=13	Pass
	3592.5	75	0	8.68	<=13	Pass
256QAM	3557.5	75	0	8.86	<=13	Pass
	3575	75	0	8.85	<=13	Pass
	3592.5	75	0	8.52	<=13	Pass



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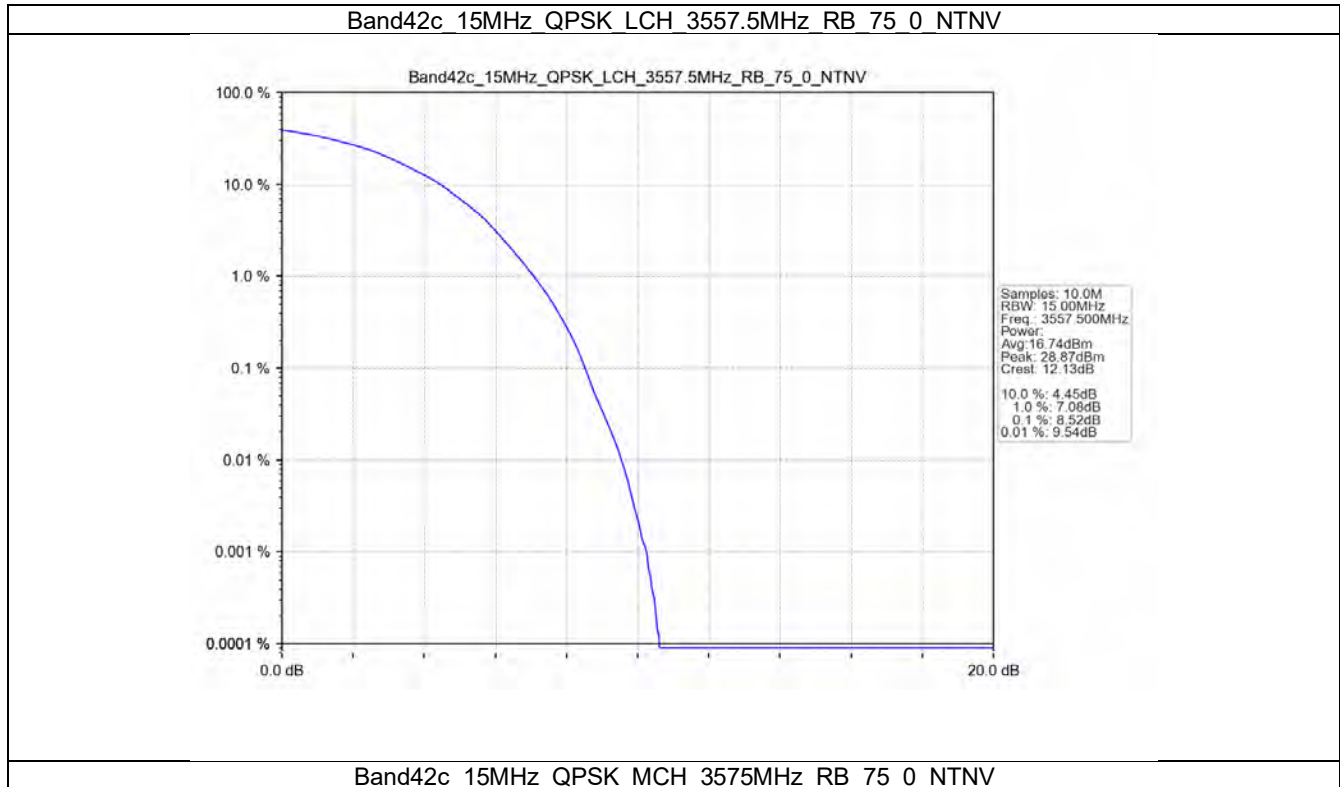
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4.3.2 Test Graph



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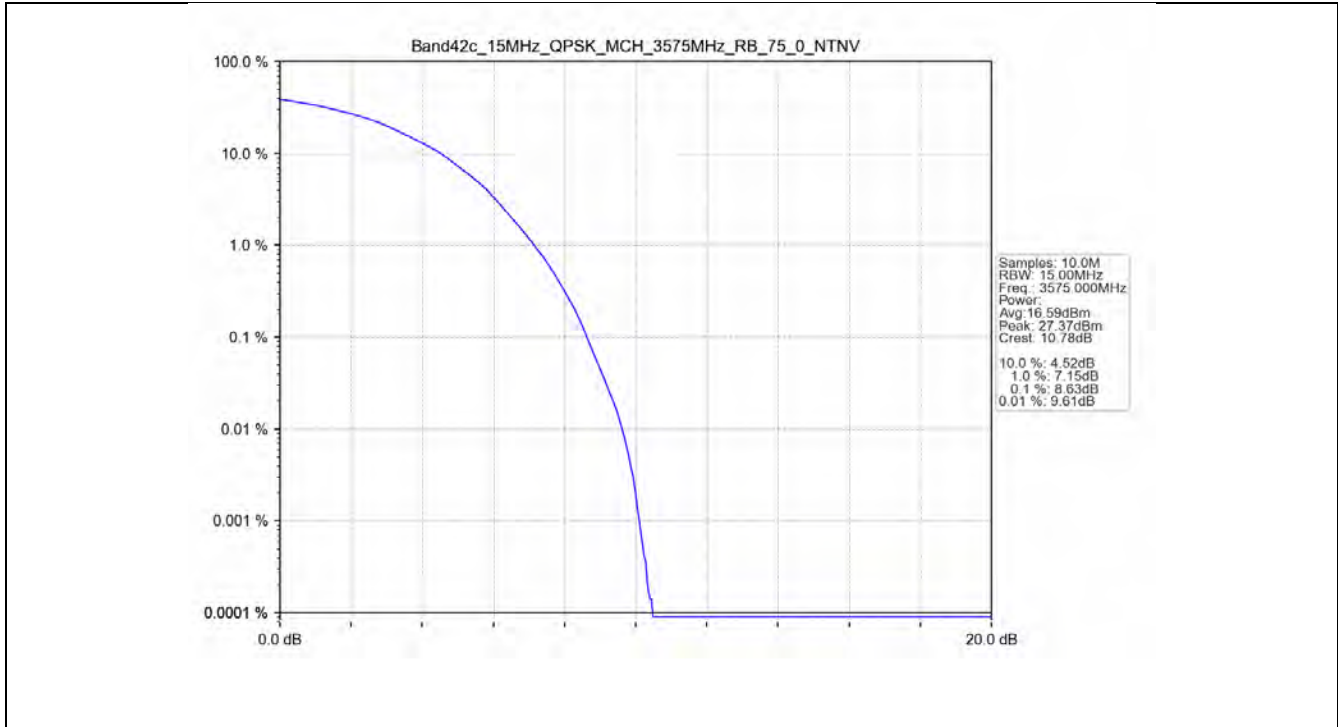


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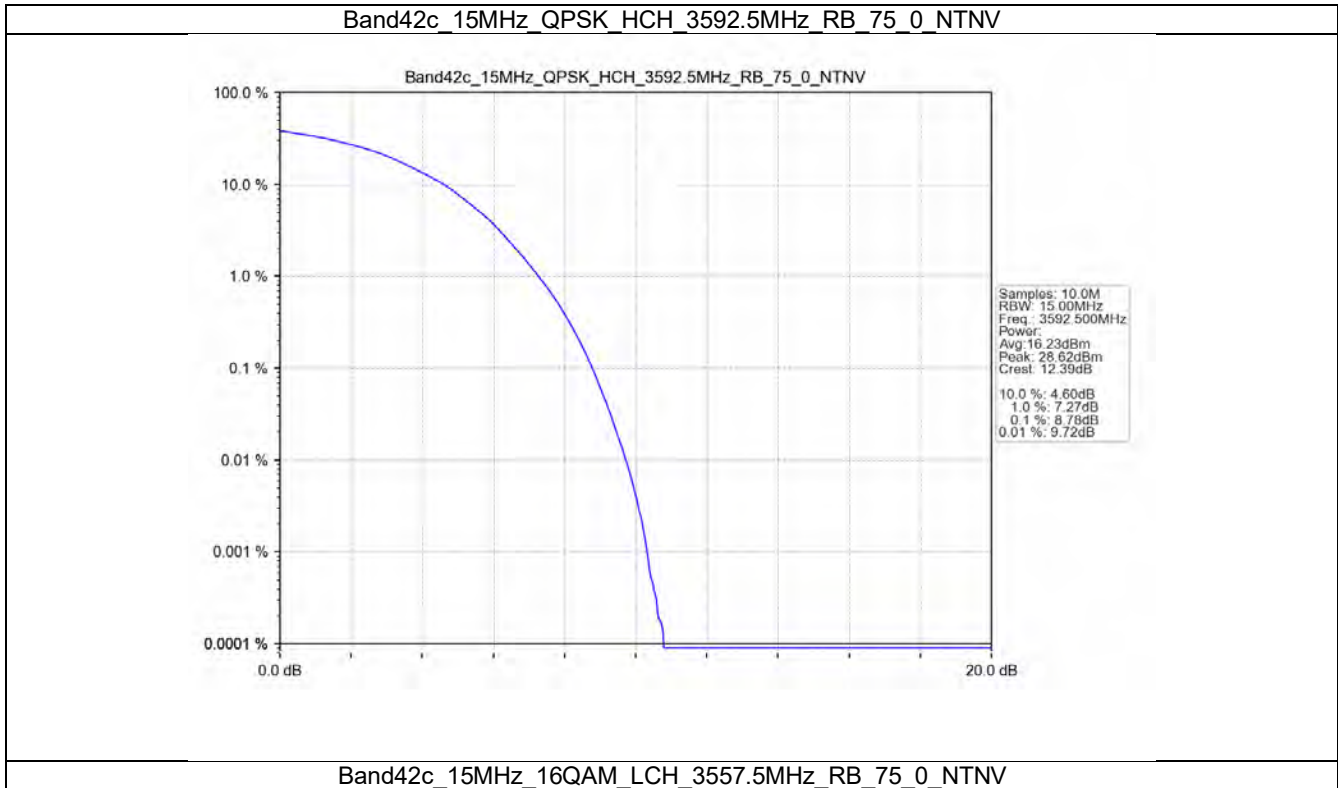


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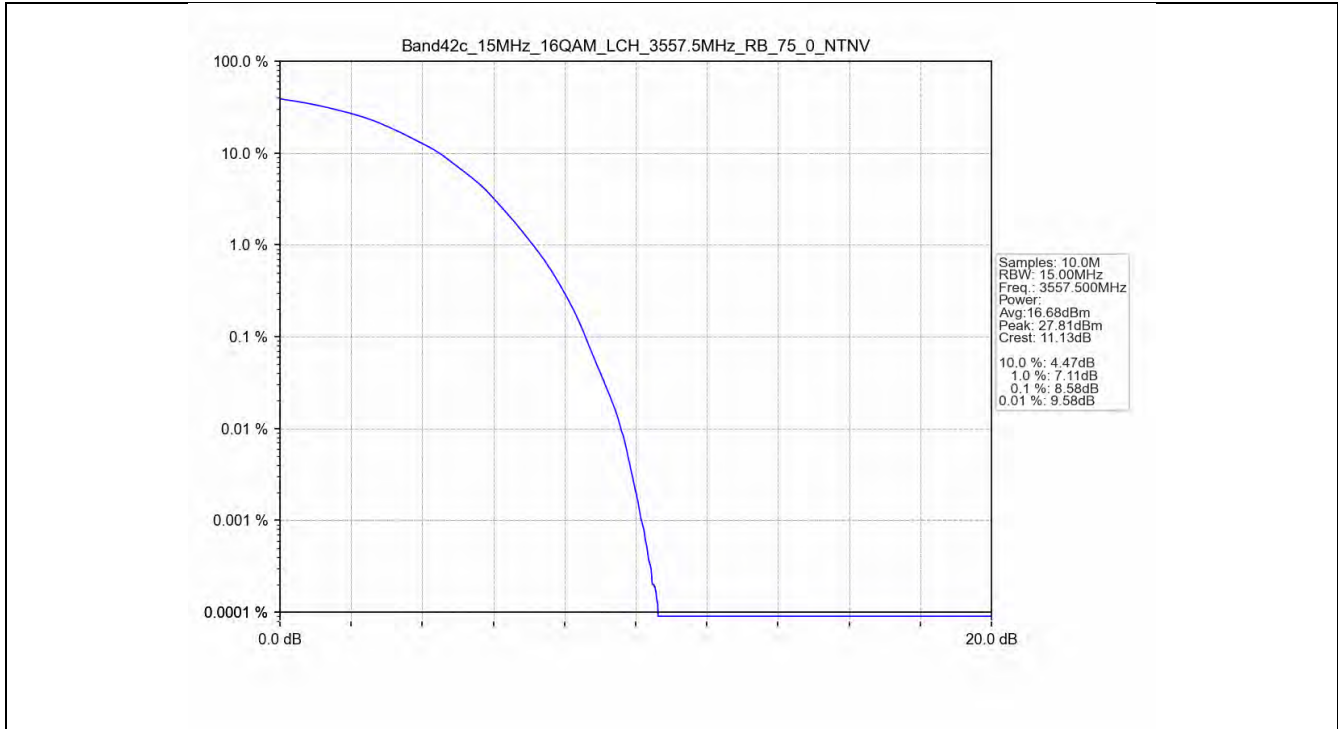


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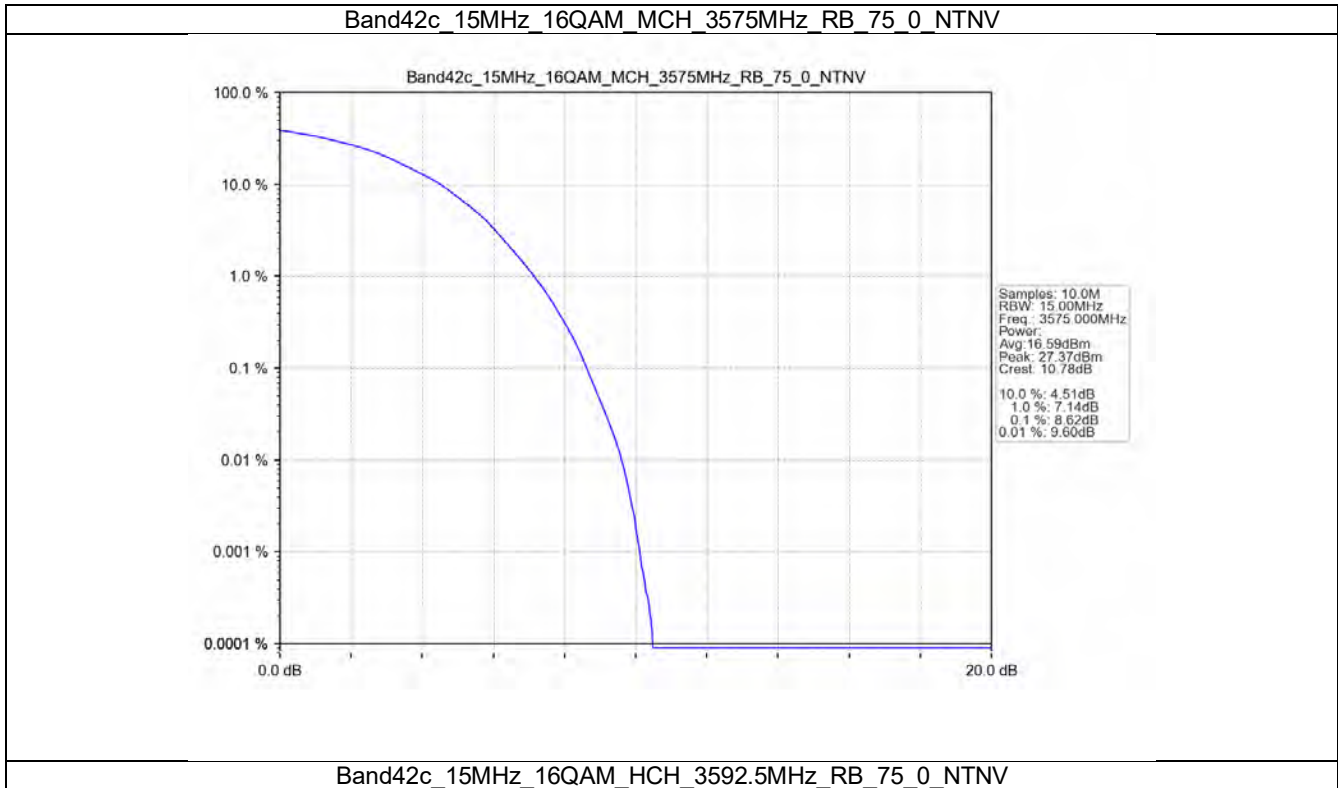


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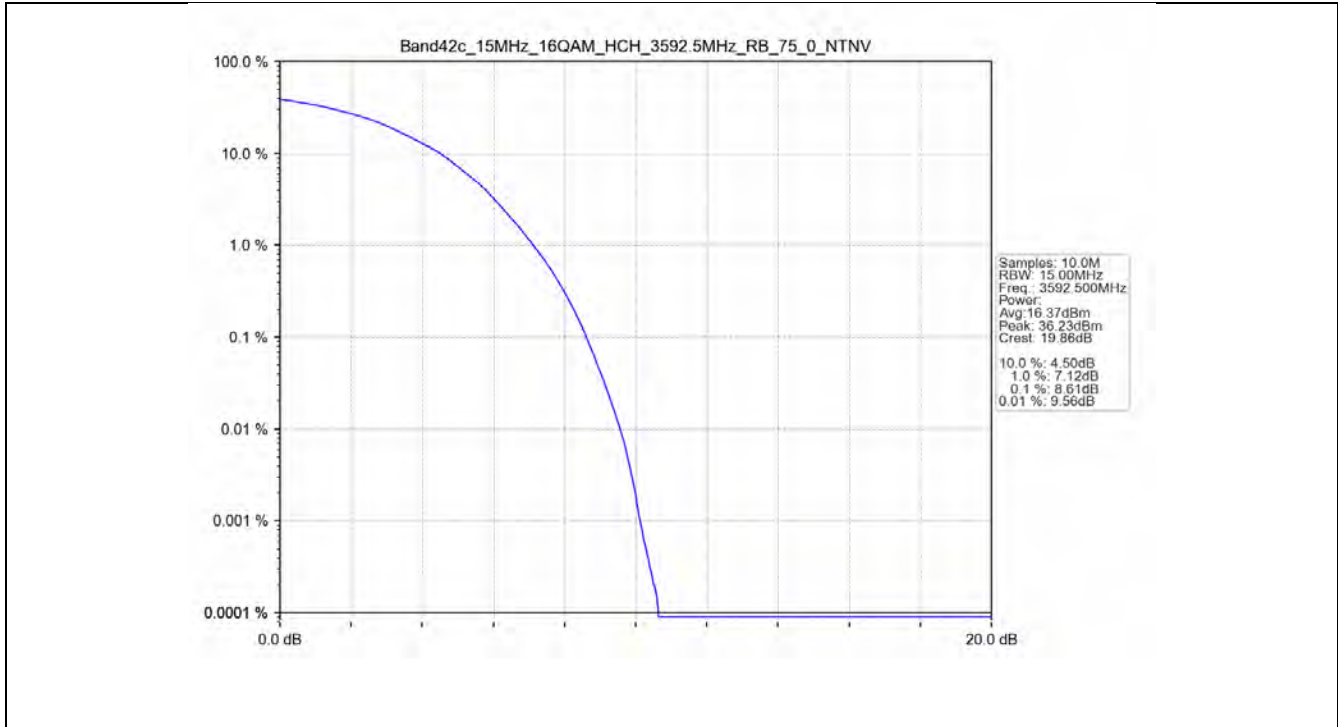


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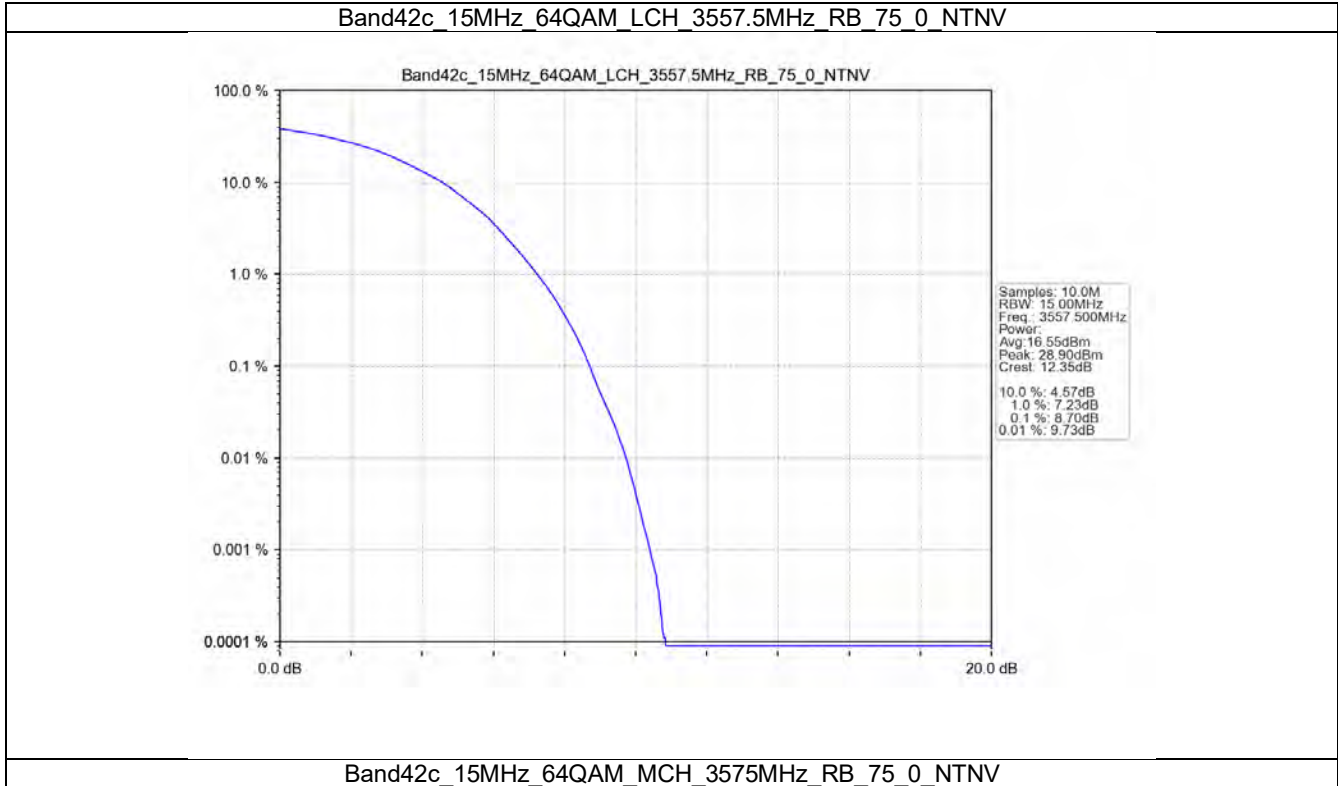


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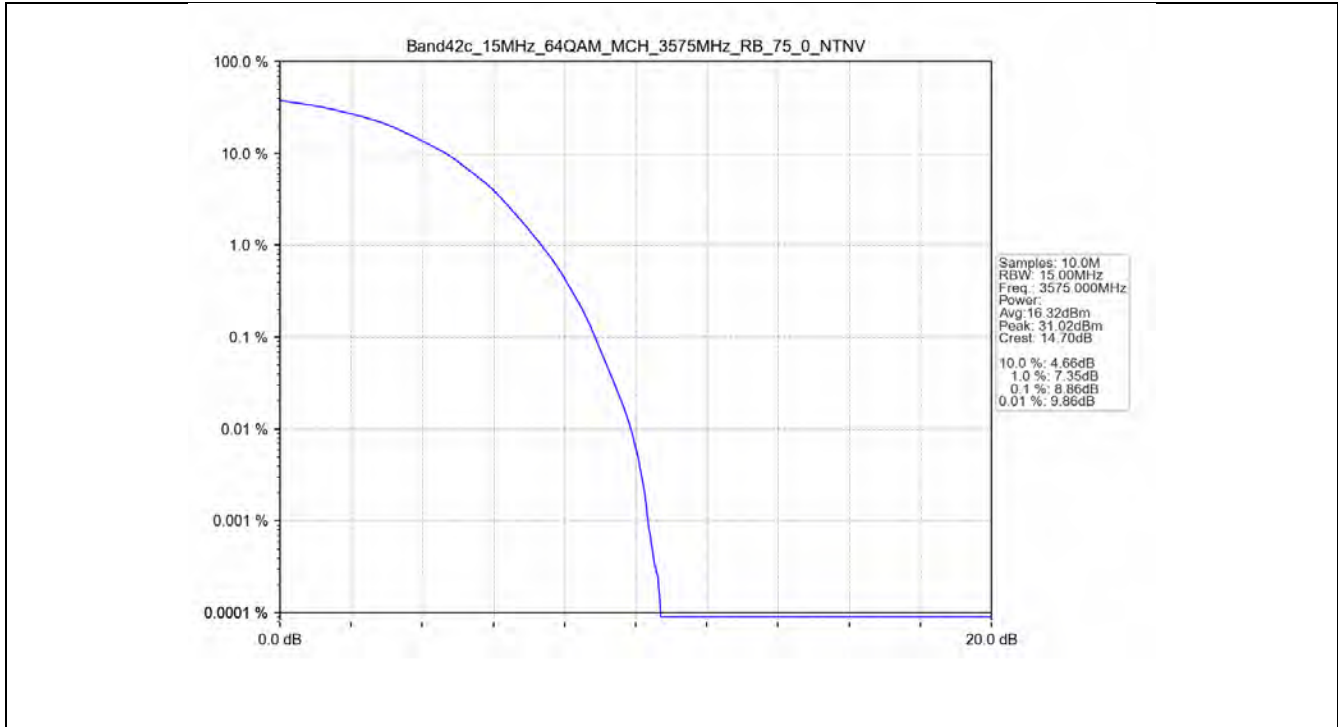


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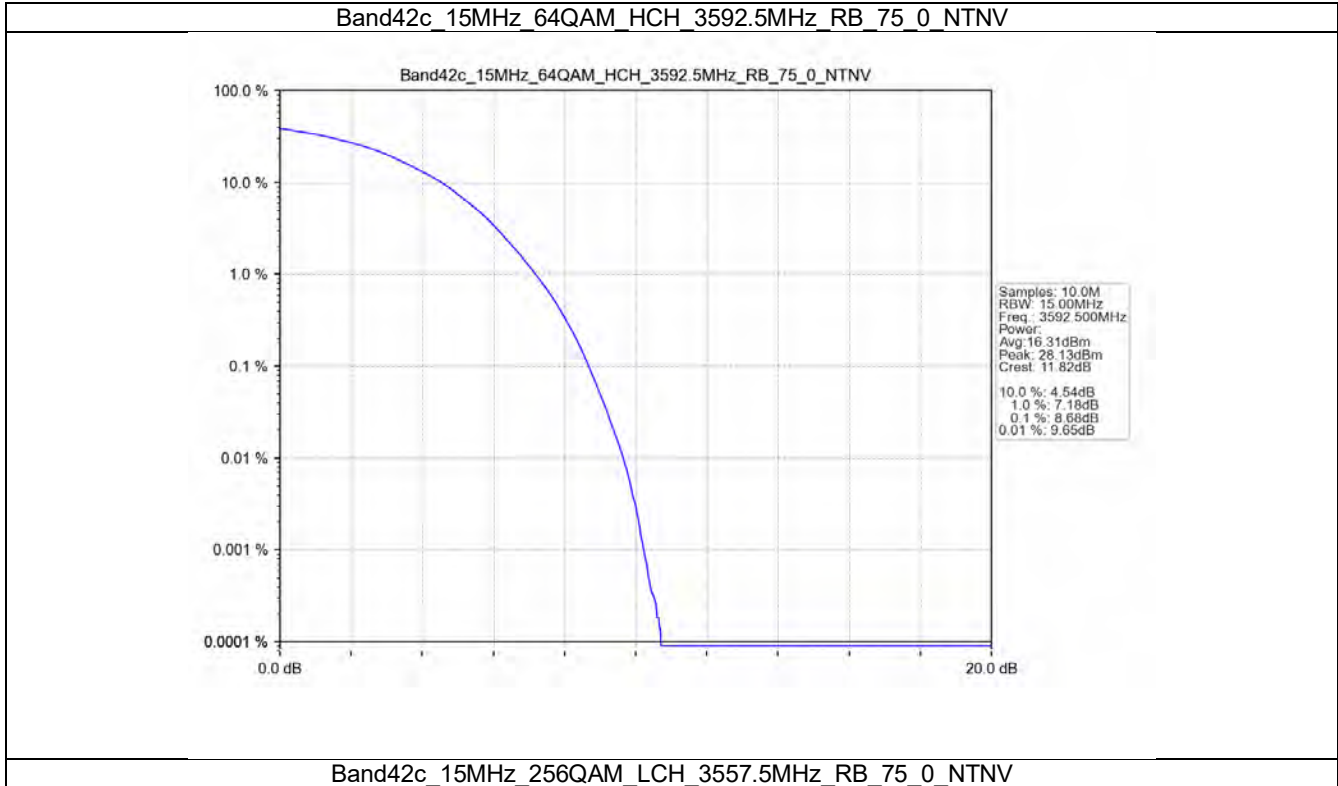


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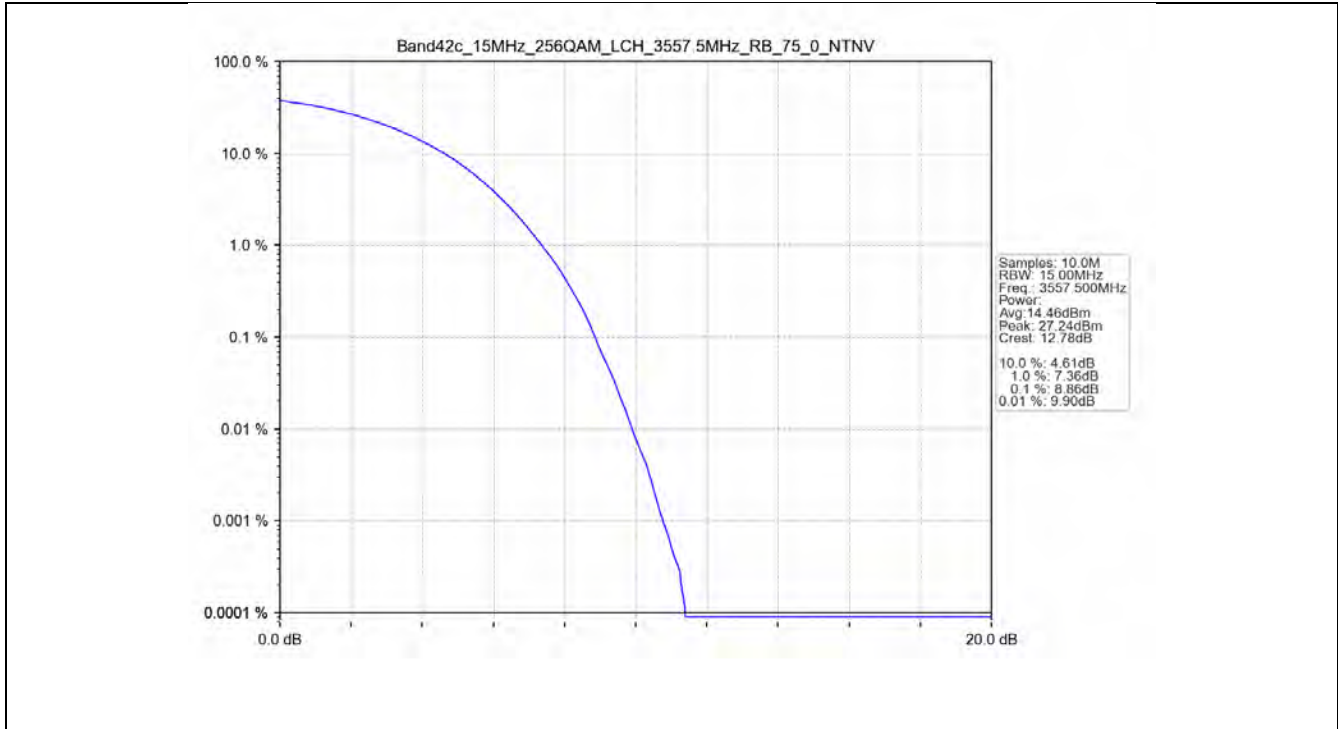


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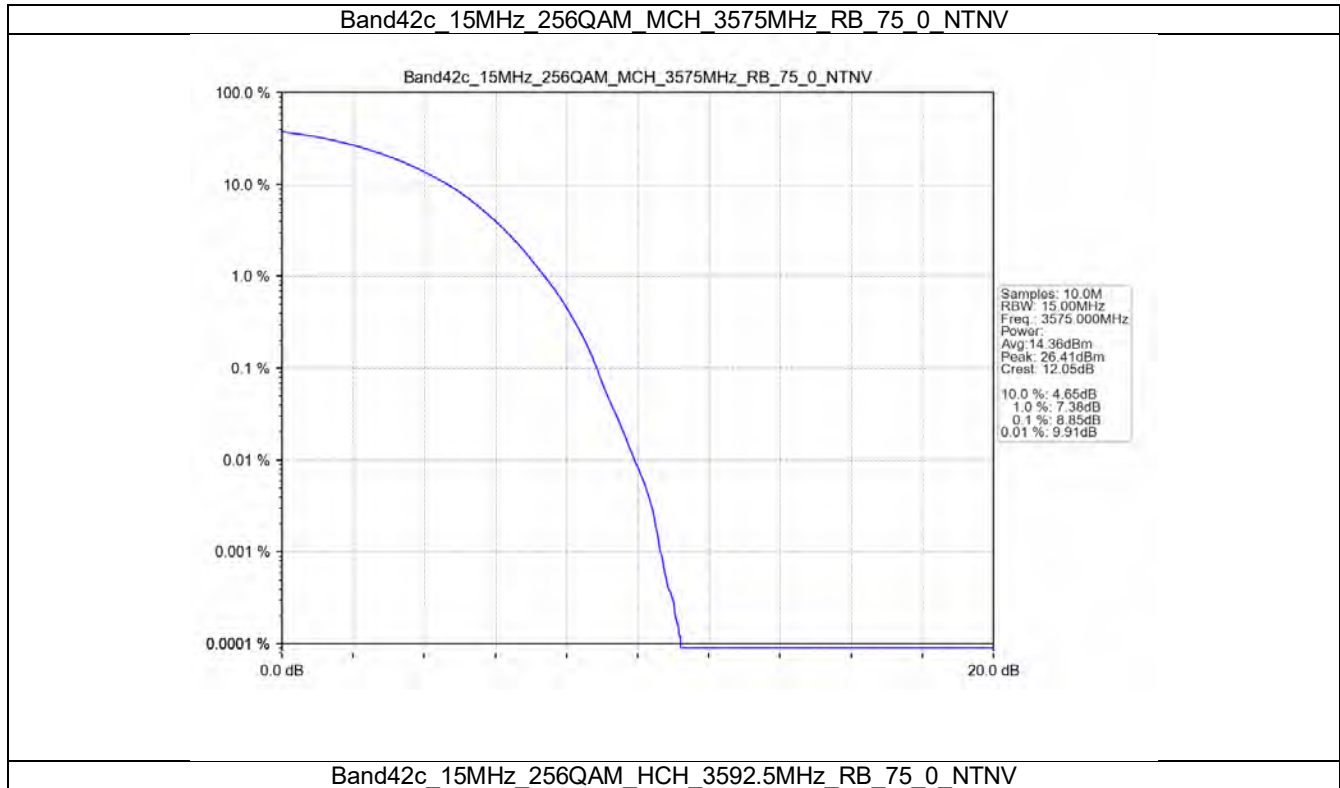


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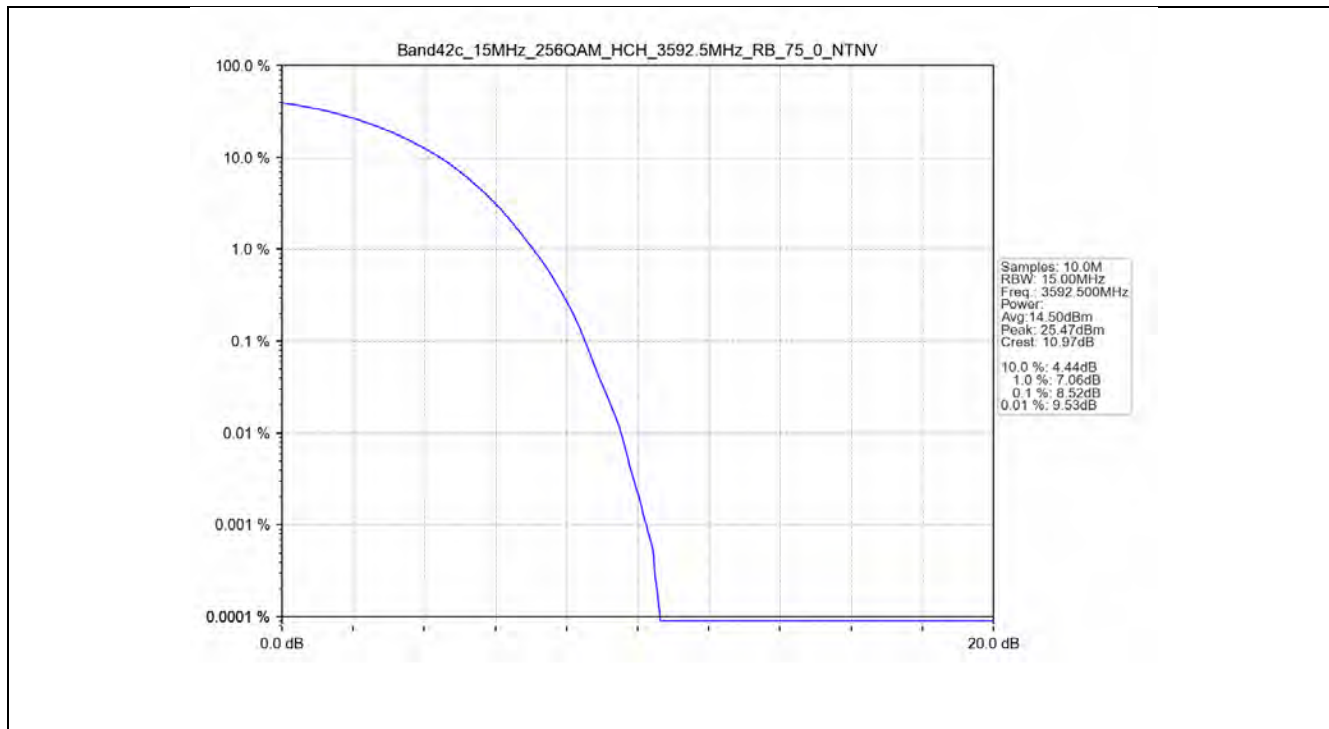
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## 4.4 B42c\_20MHz

### 4.4.1 Test Result

Band: 42c / Bandwidth: 20MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	100	0	8.85	<=13	Pass
	3575	100	0	8.71	<=13	Pass
	3590	100	0	8.76	<=13	Pass
16QAM	3560	100	0	8.40	<=13	Pass
	3575	100	0	8.64	<=13	Pass
	3590	100	0	8.71	<=13	Pass
64QAM	3560	100	0	8.74	<=13	Pass
	3575	100	0	8.31	<=13	Pass
	3590	100	0	8.40	<=13	Pass
256QAM	3560	100	0	8.82	<=13	Pass
	3575	100	0	8.50	<=13	Pass
	3590	100	0	8.72	<=13	Pass



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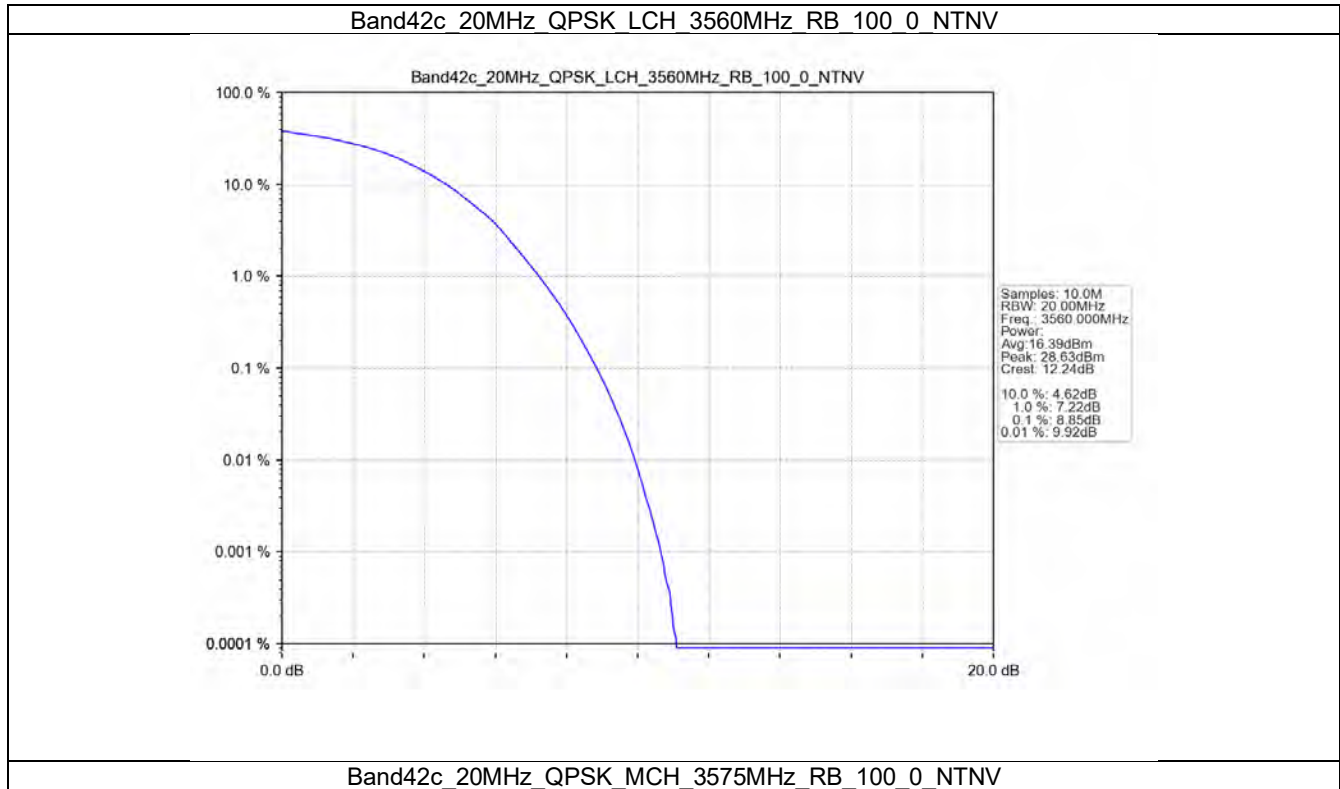


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4.4.2 Test Graph



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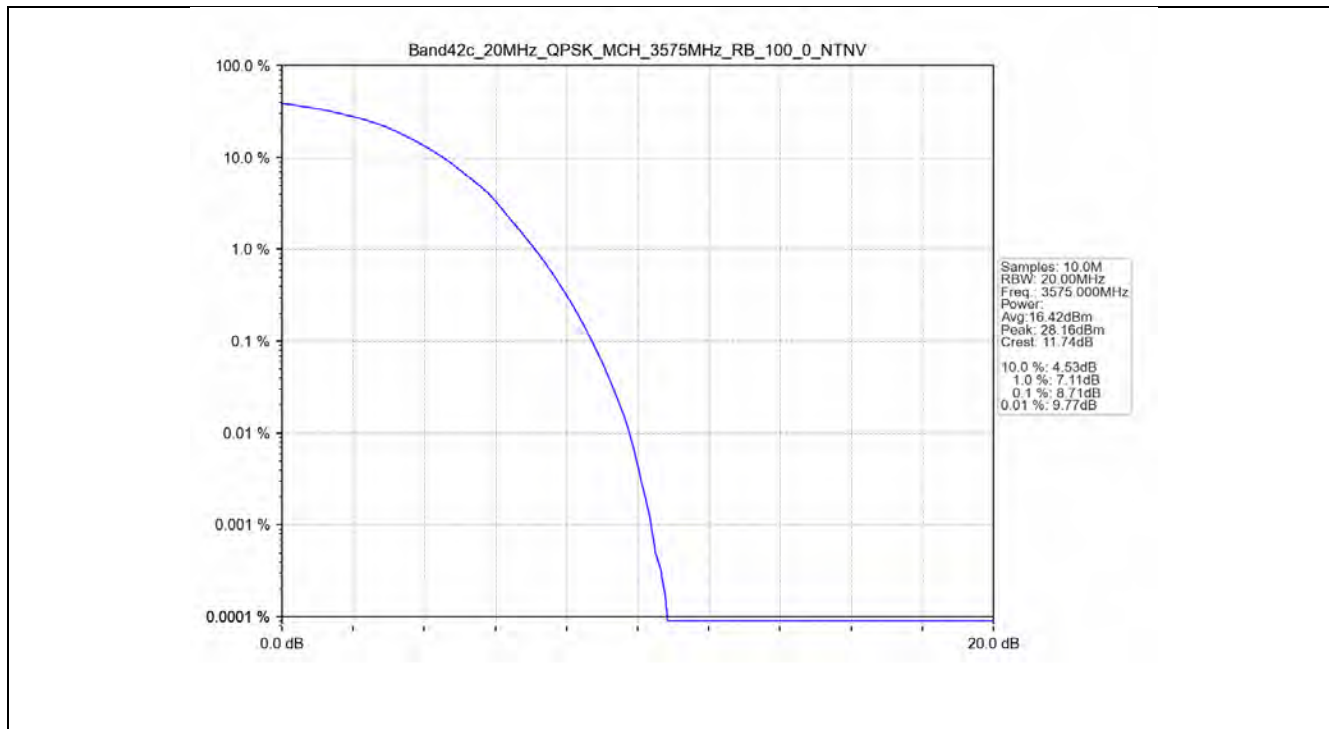
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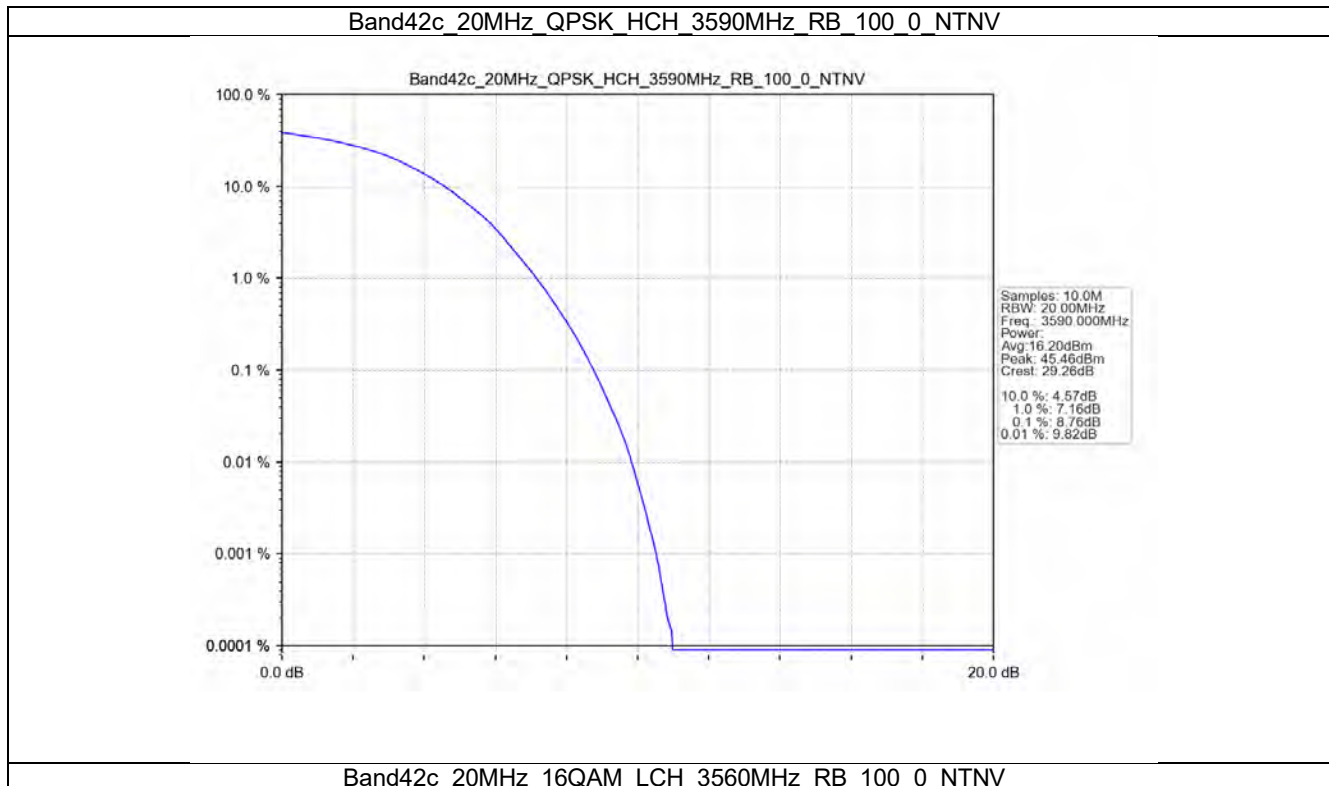
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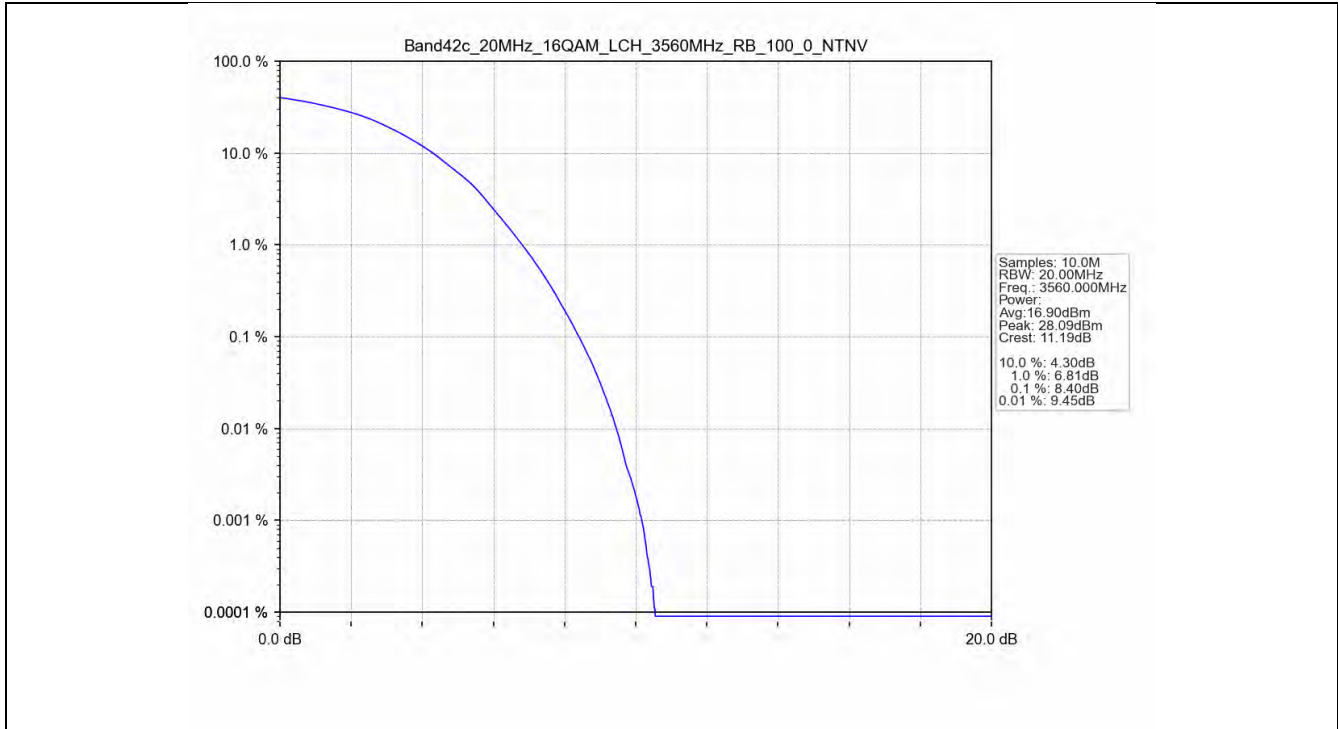


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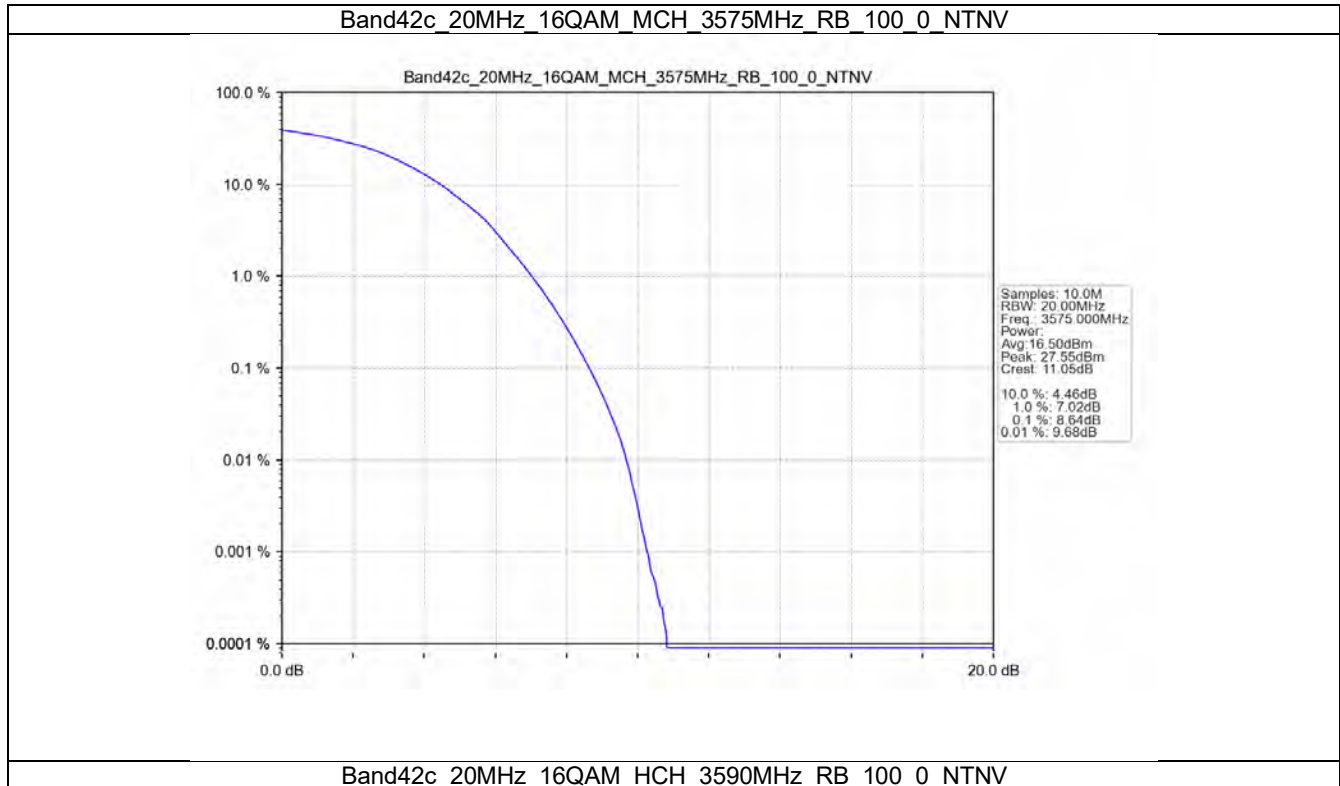


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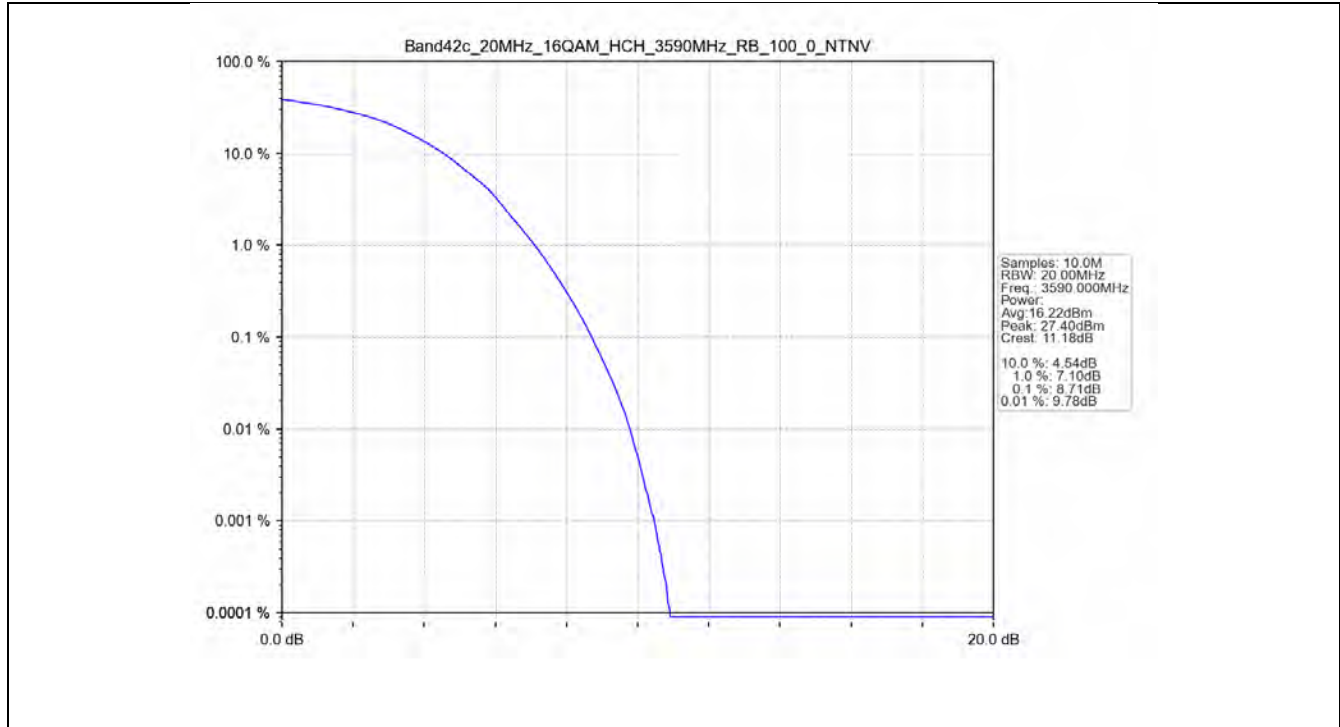


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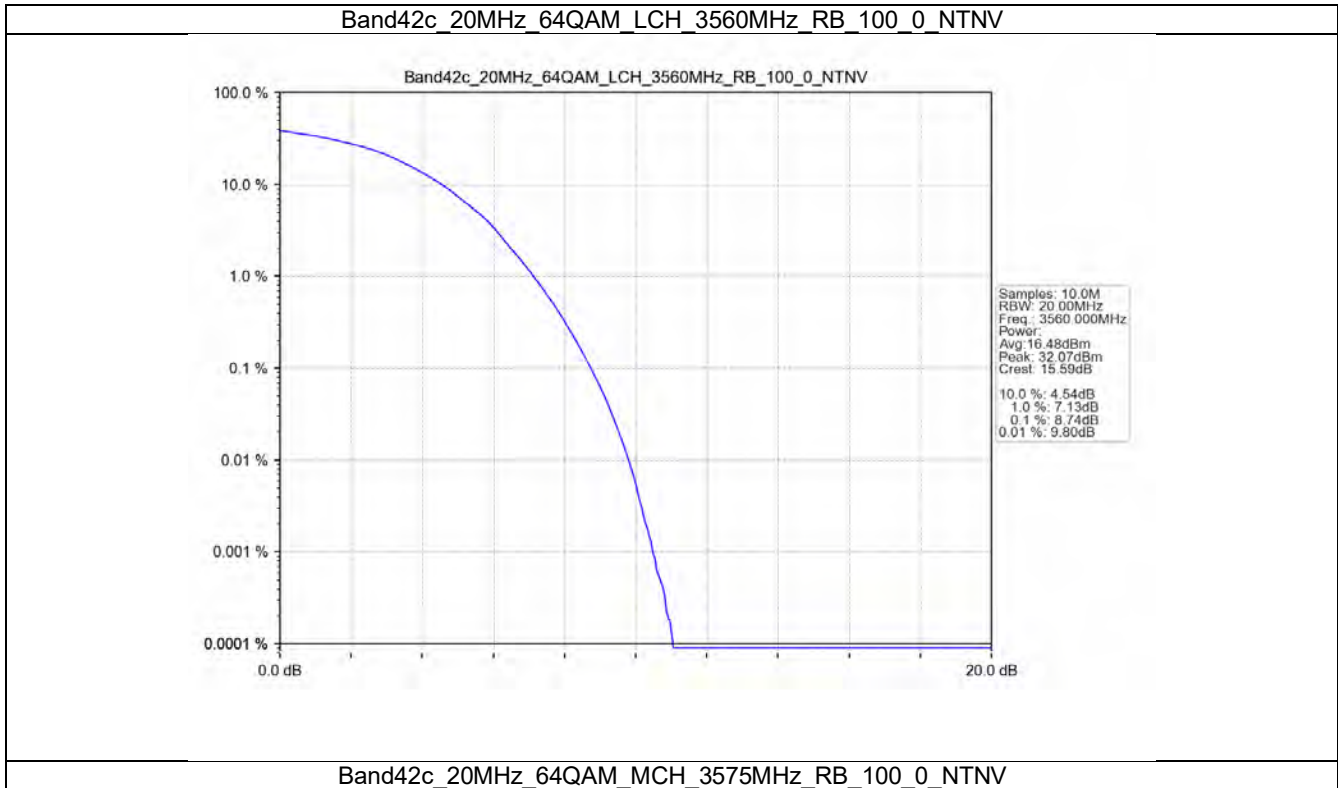


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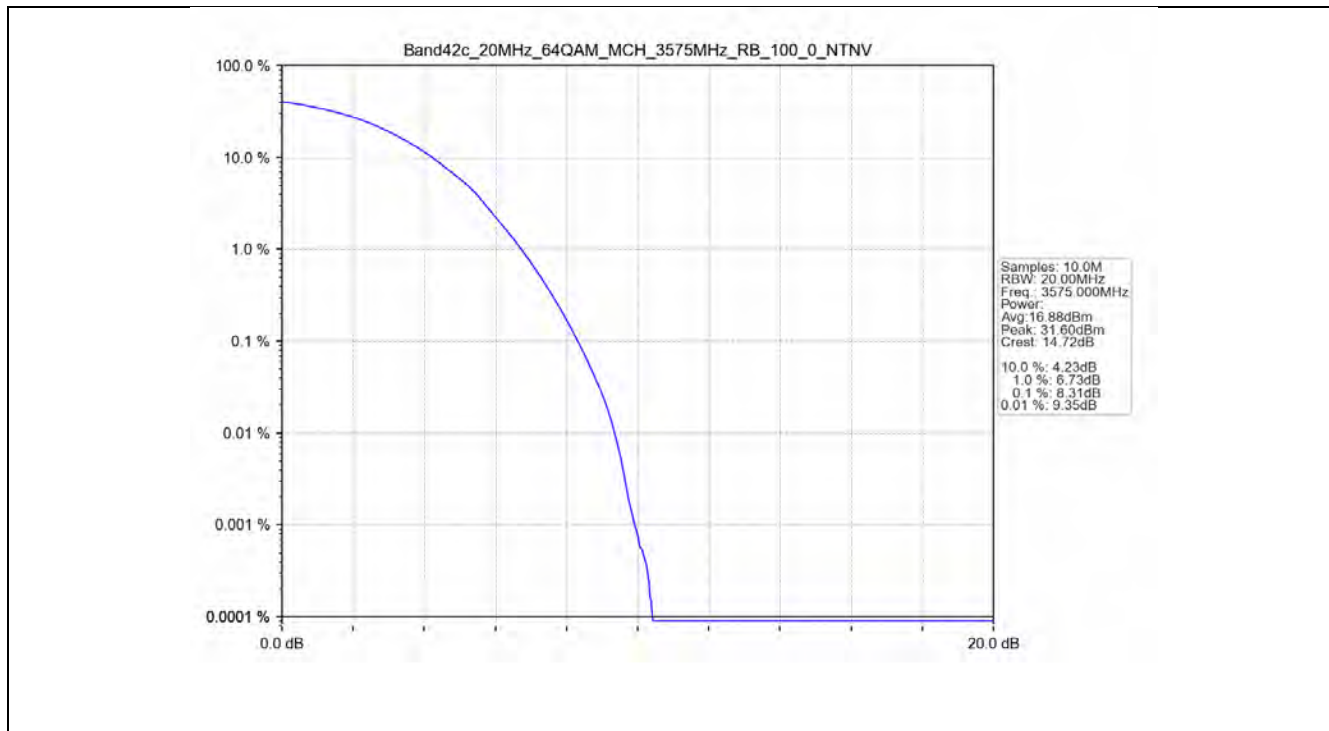
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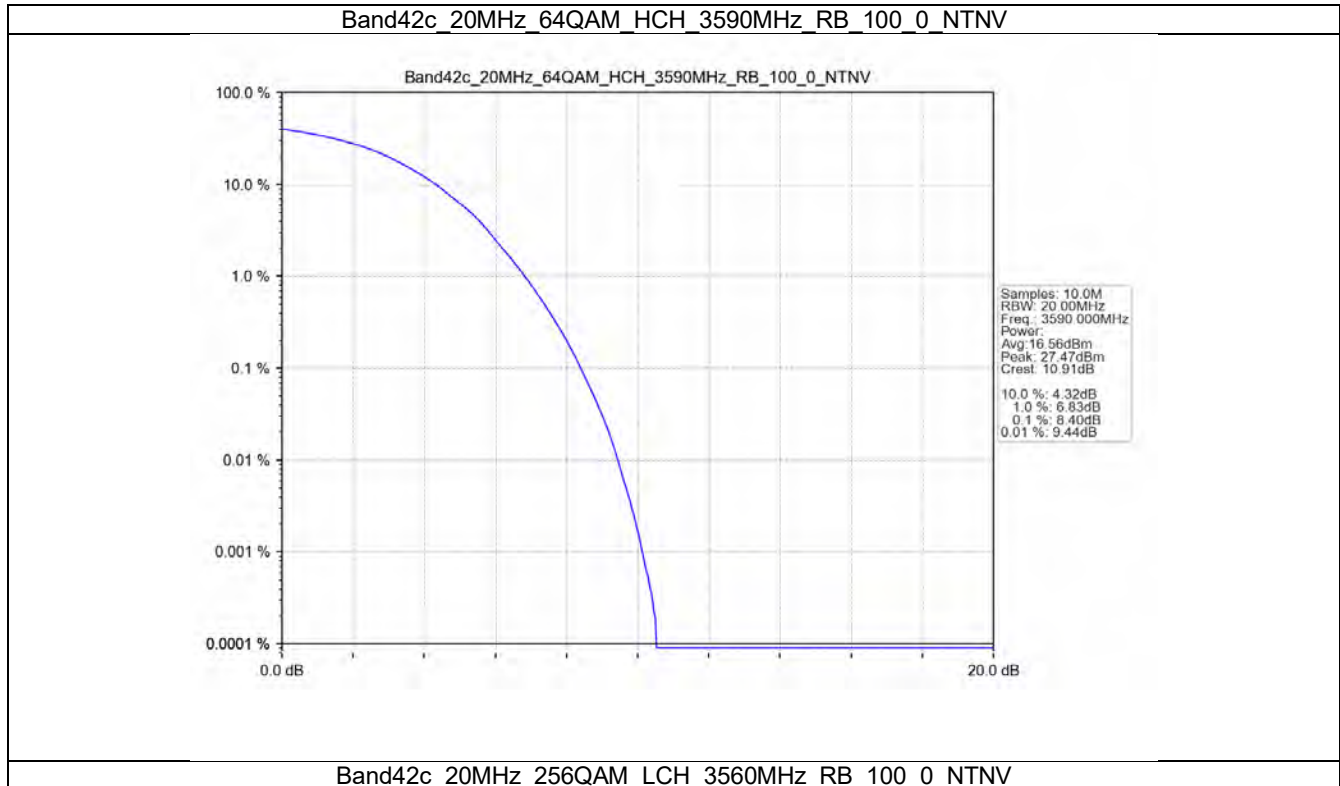


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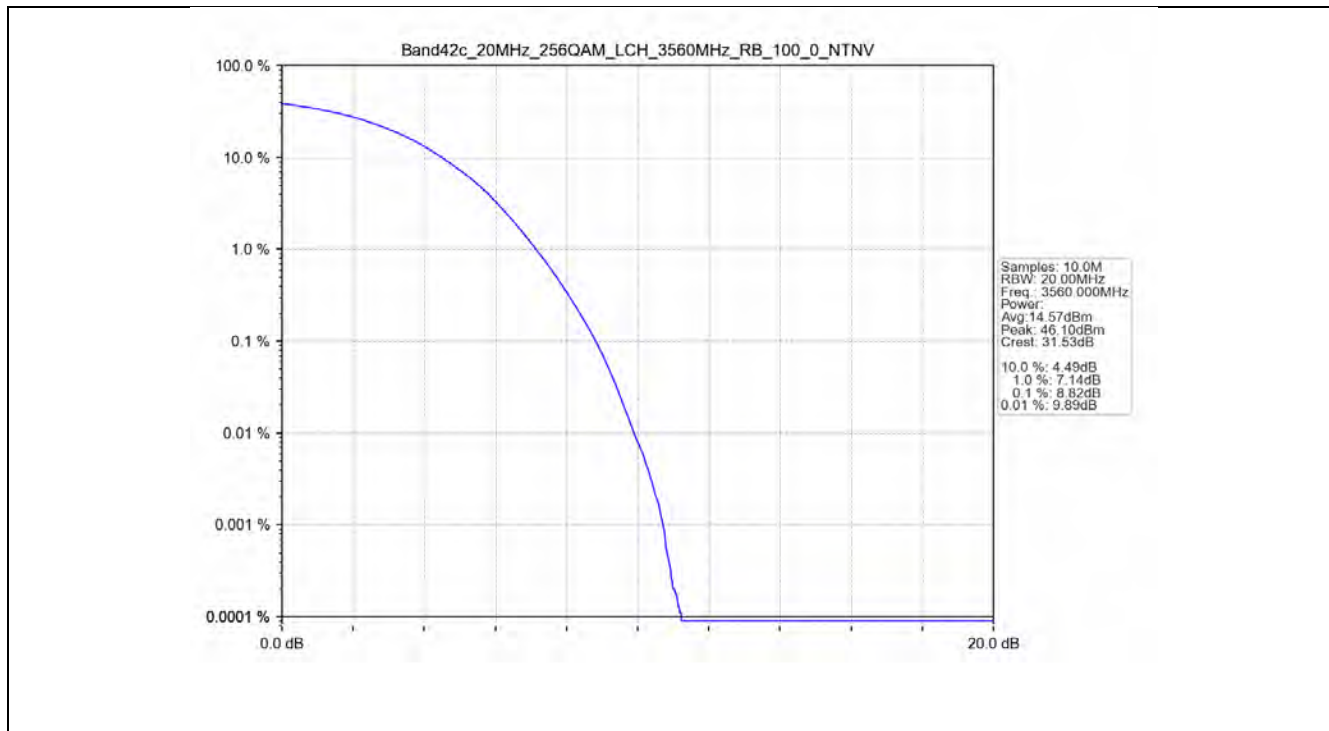
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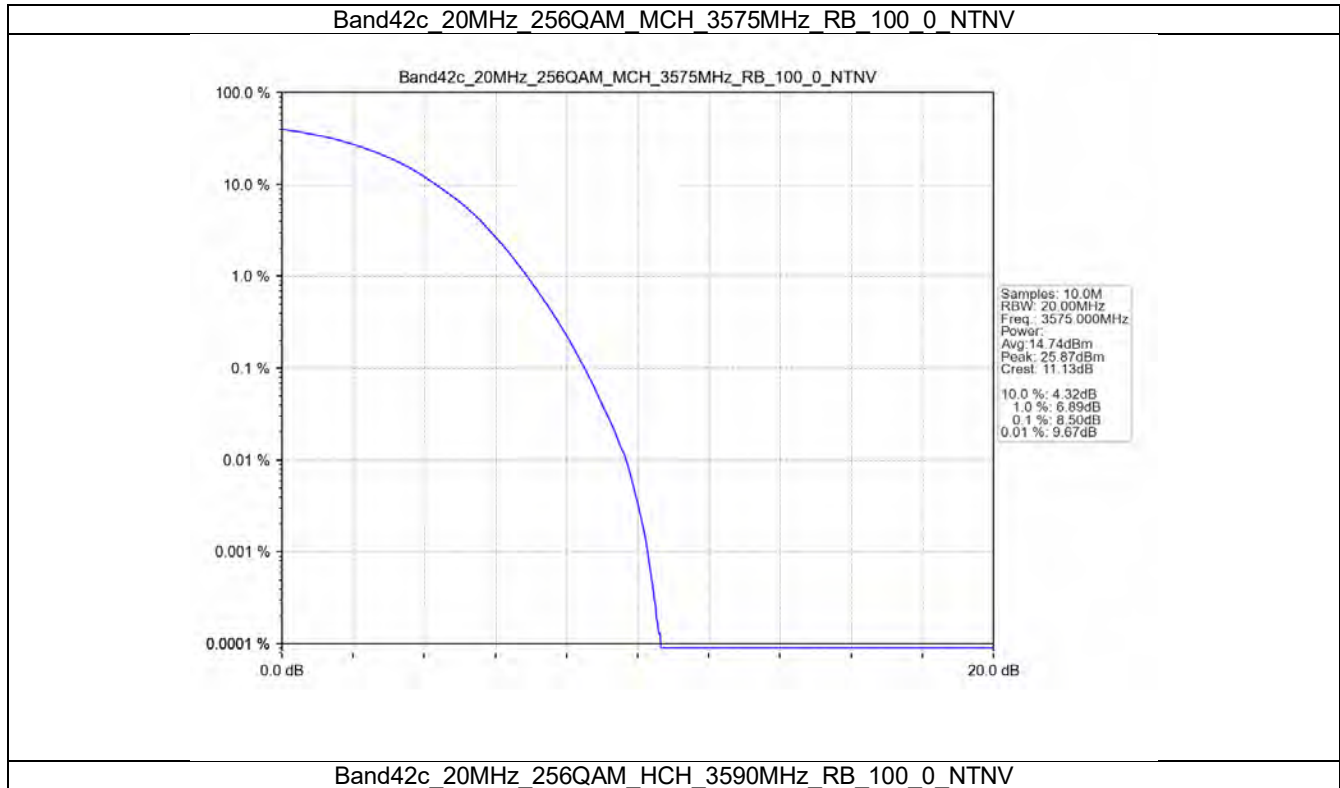


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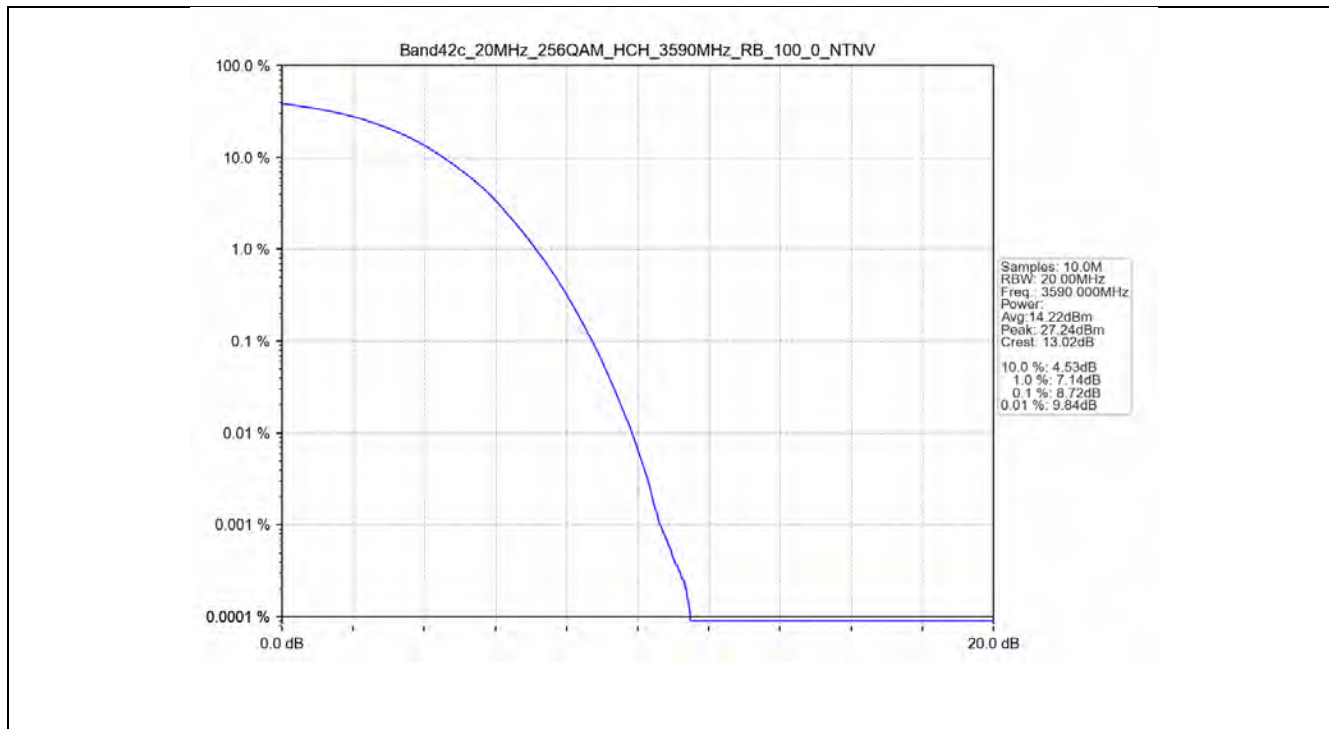
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## 5. Spurious Emission & Band Edges

### 5.1 B42c\_5MHz

#### 5.1.1 Test Result

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
	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
	3597.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	3552.5	1	0	Refer To Test Graph		Pass
		25	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
256QAM	3552.5	1	0	Refer To Test Graph		Pass
		25	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



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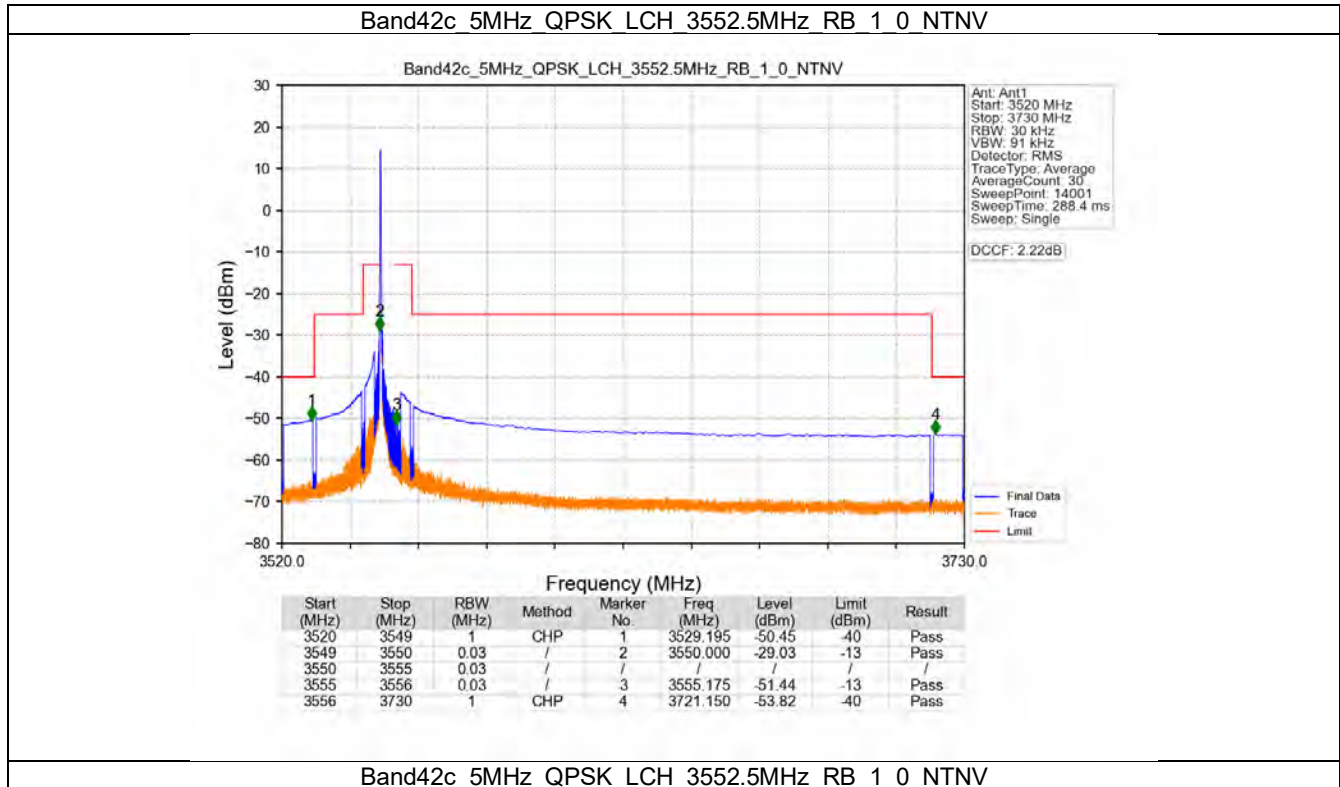
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5.1.2 Test Graph



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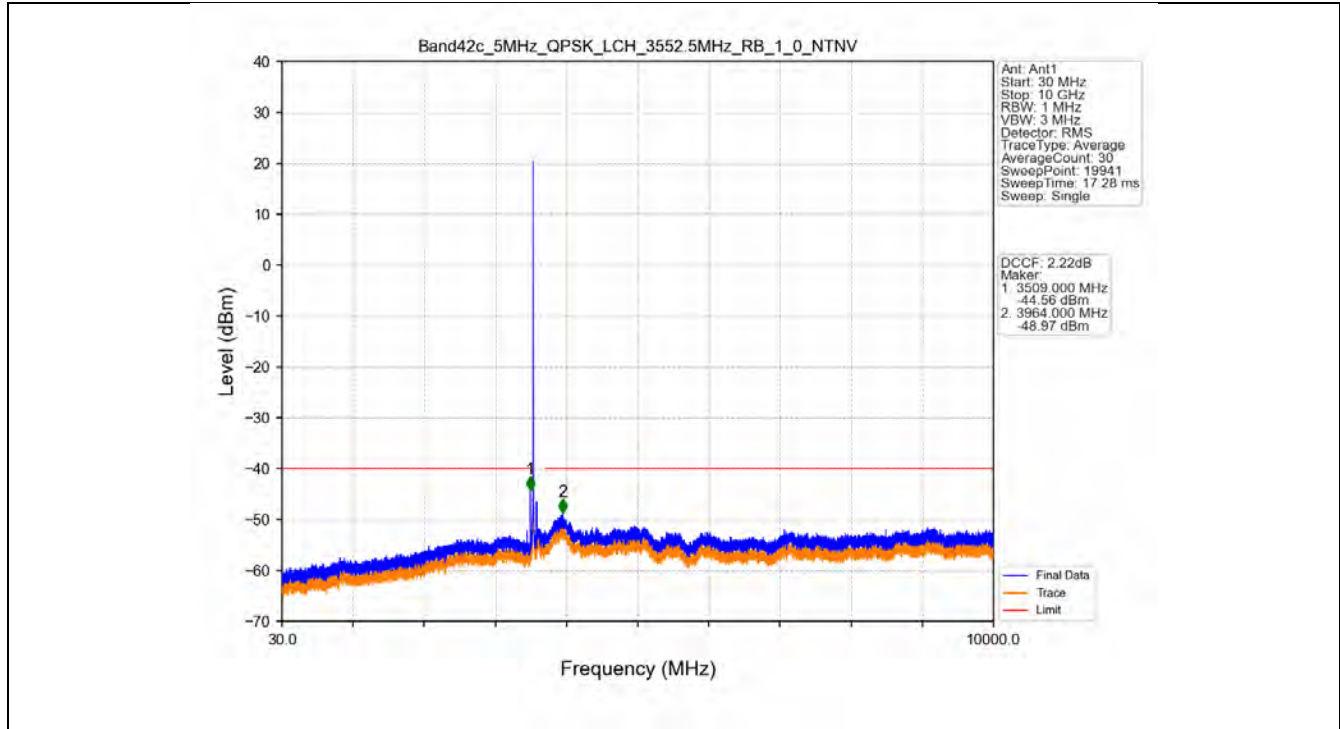


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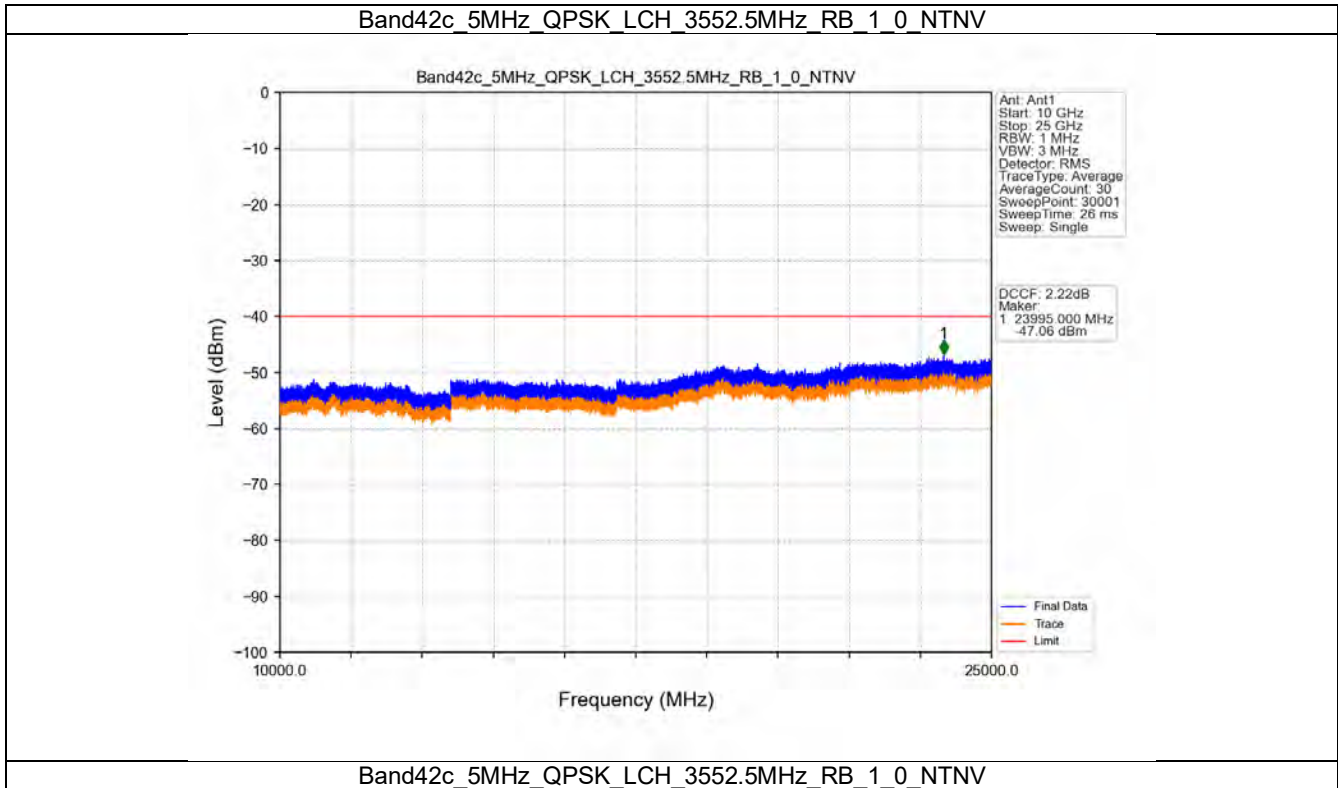


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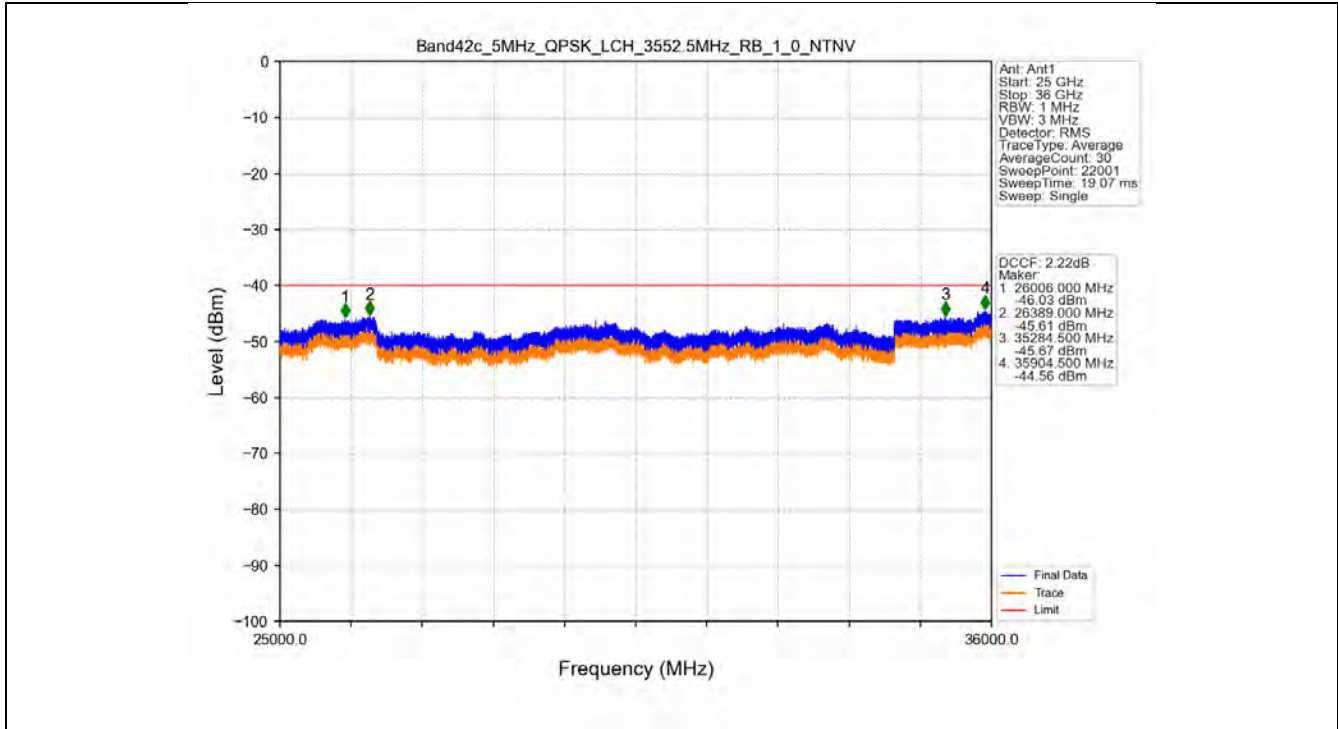


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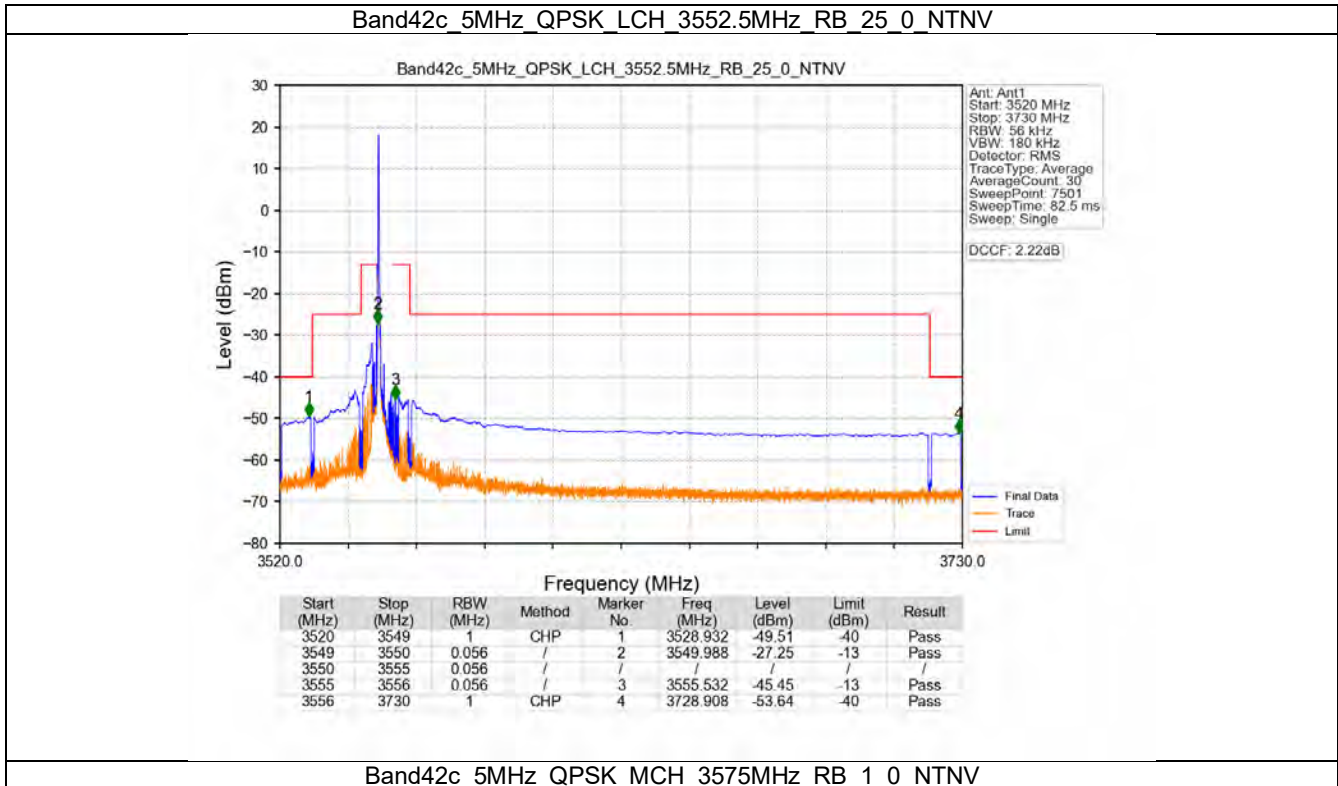


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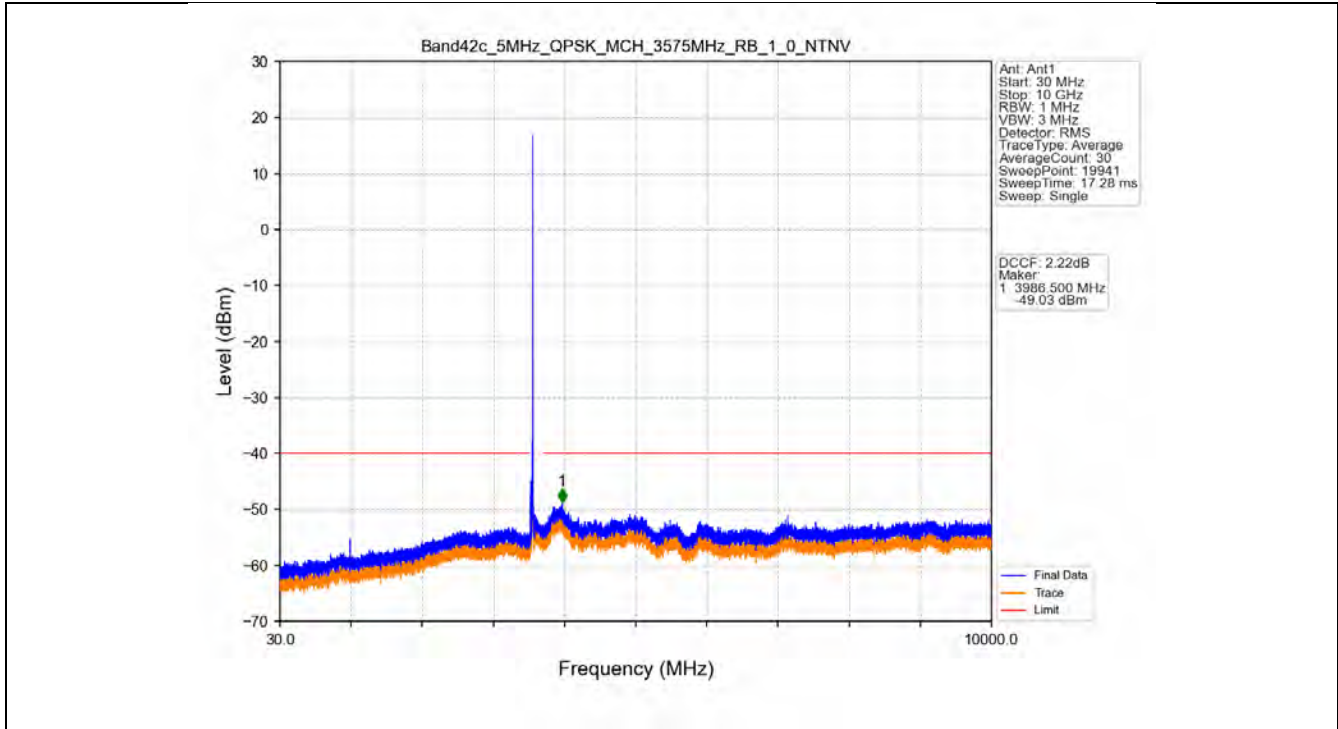


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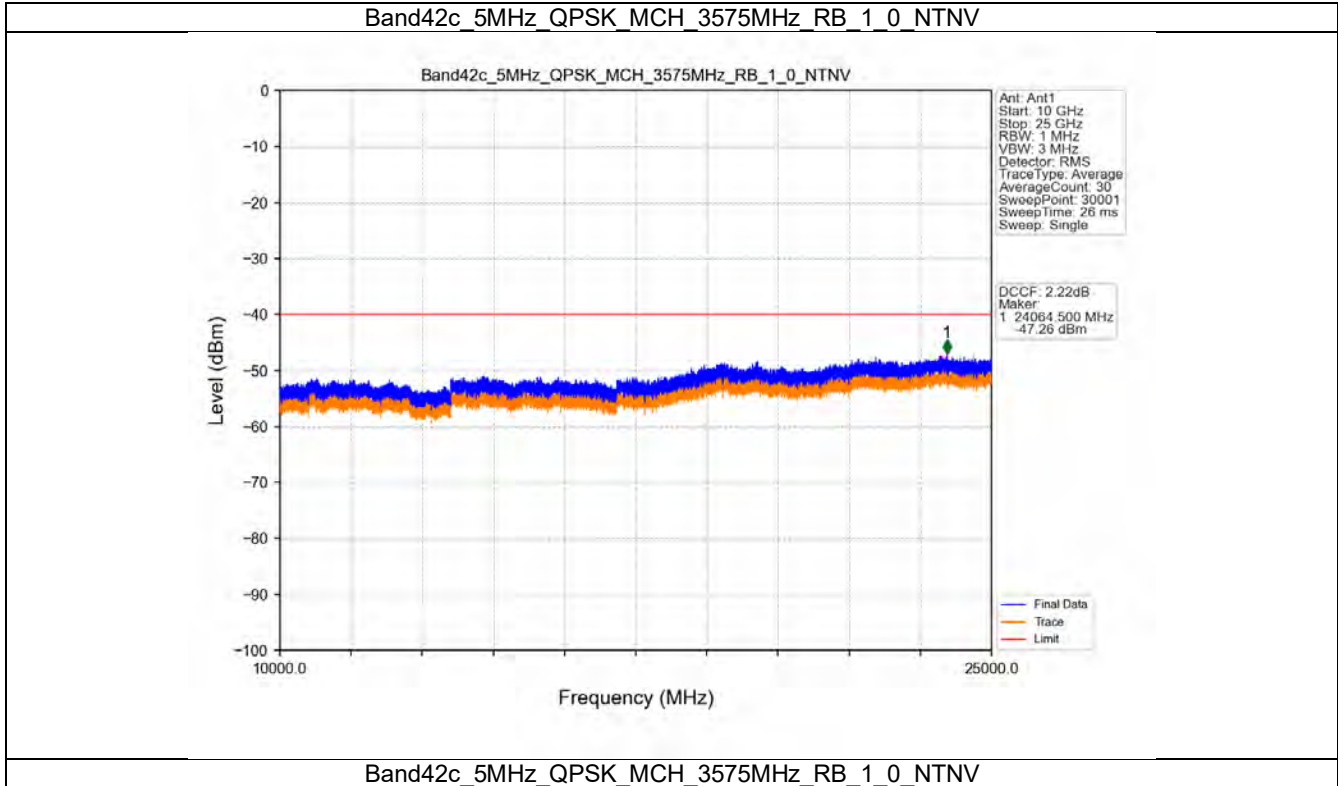


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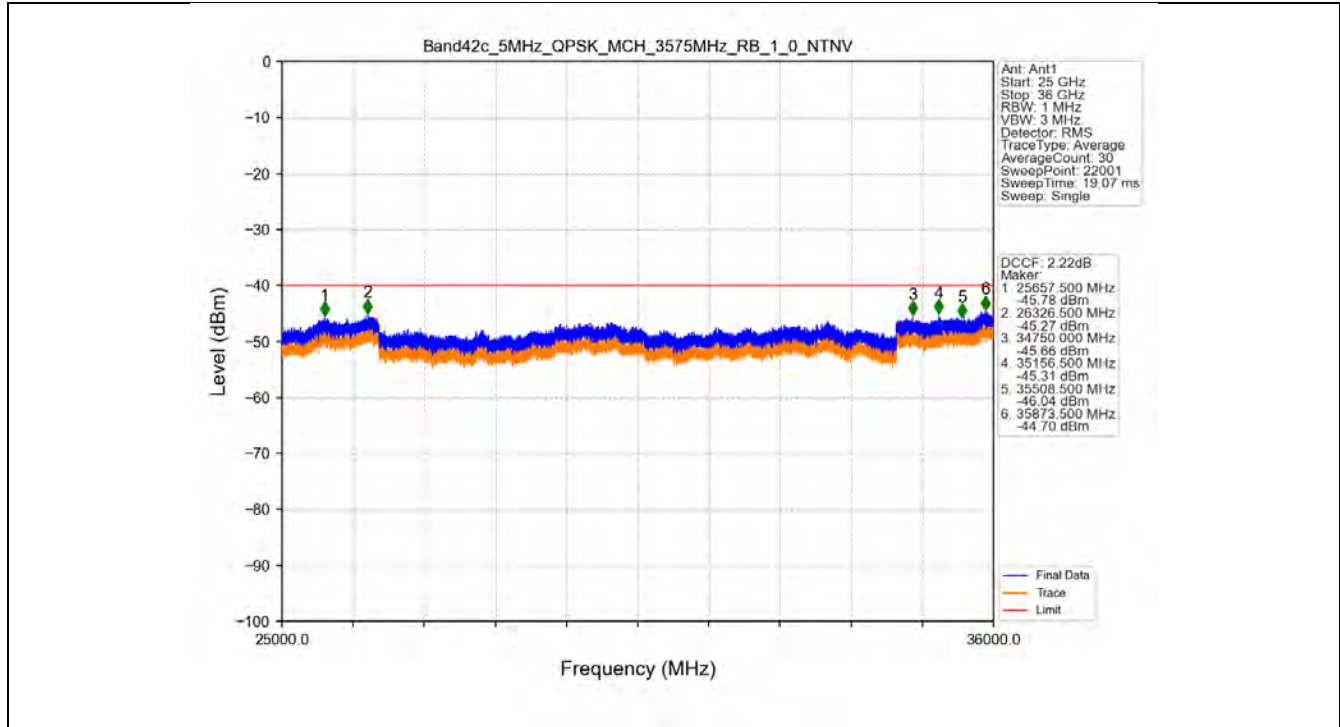


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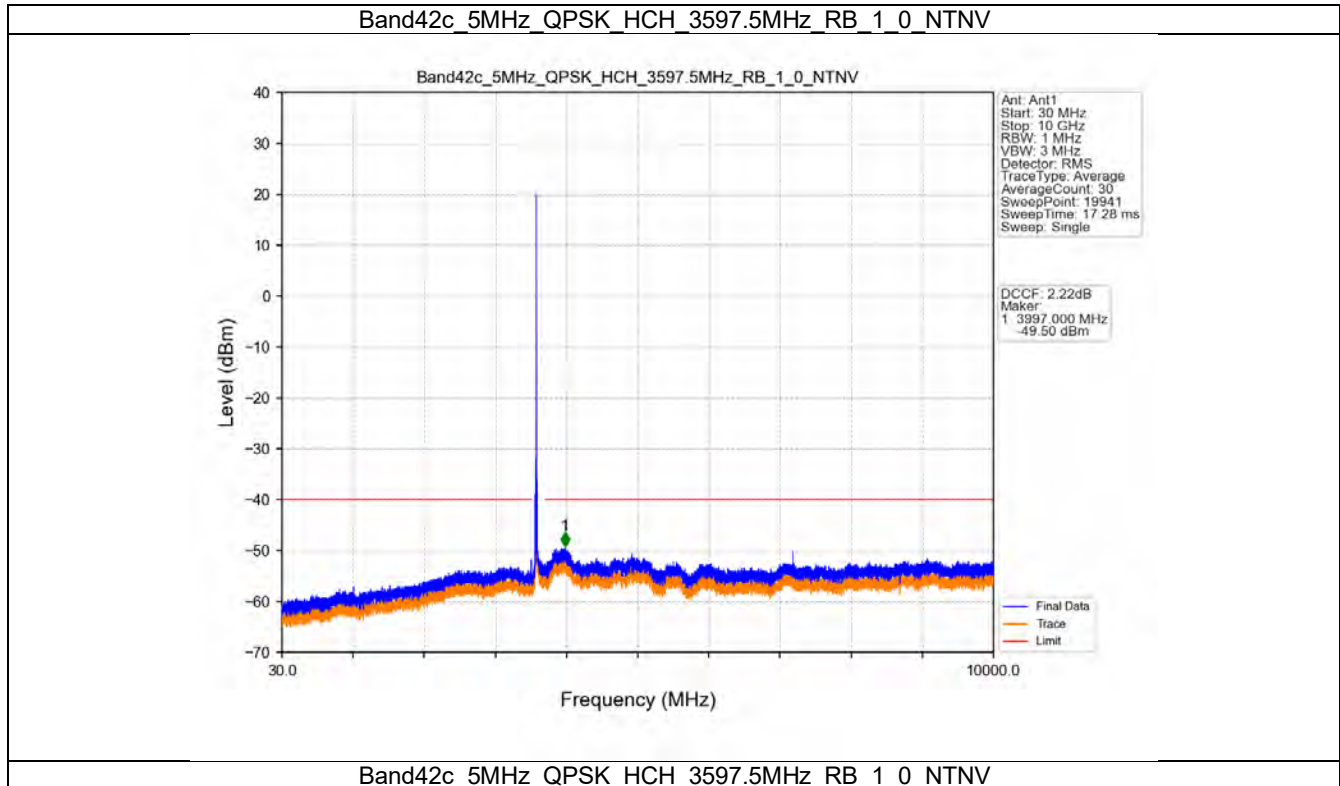


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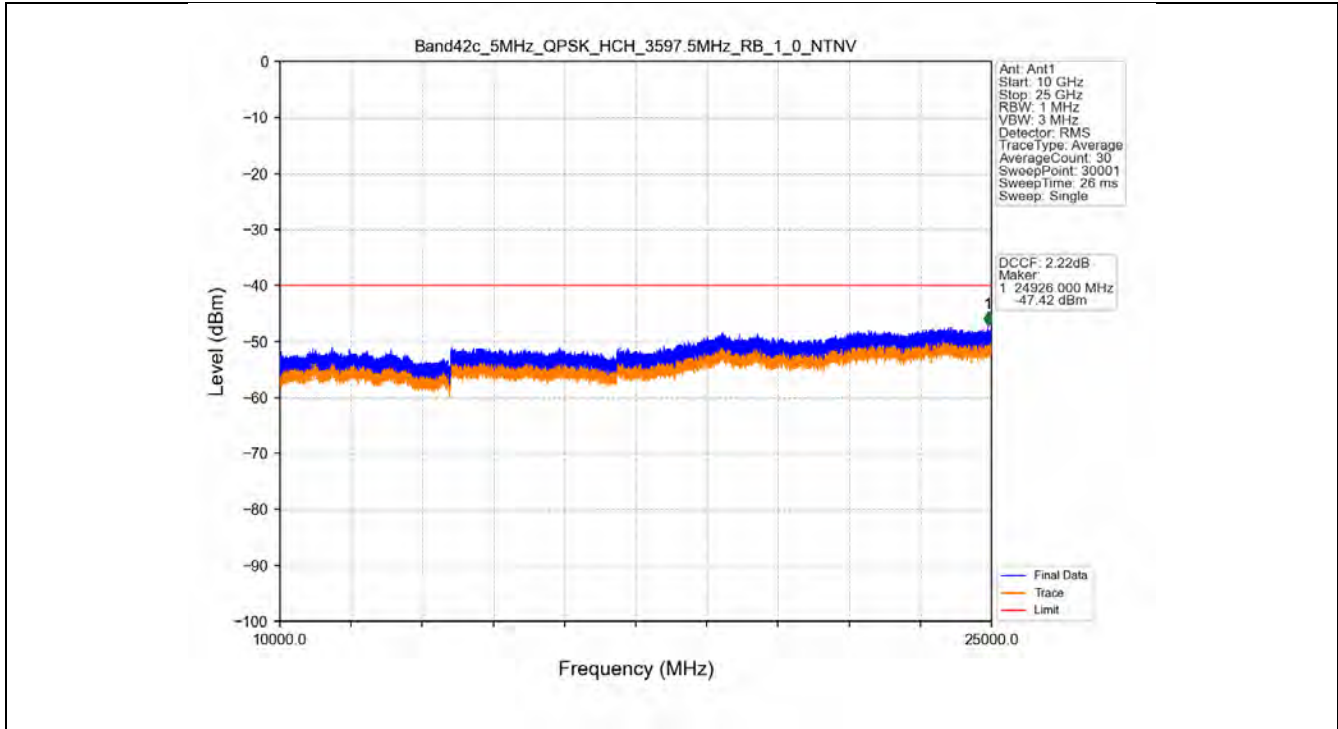


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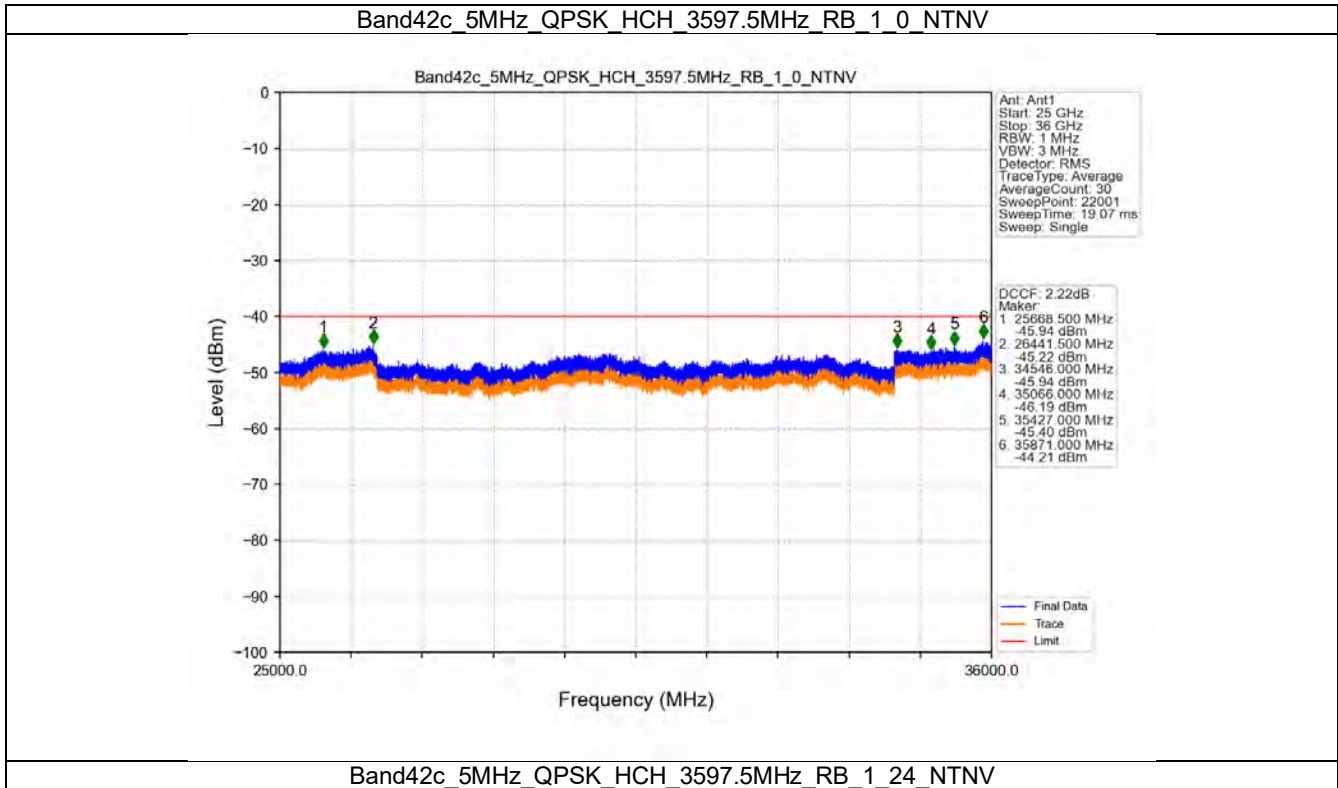


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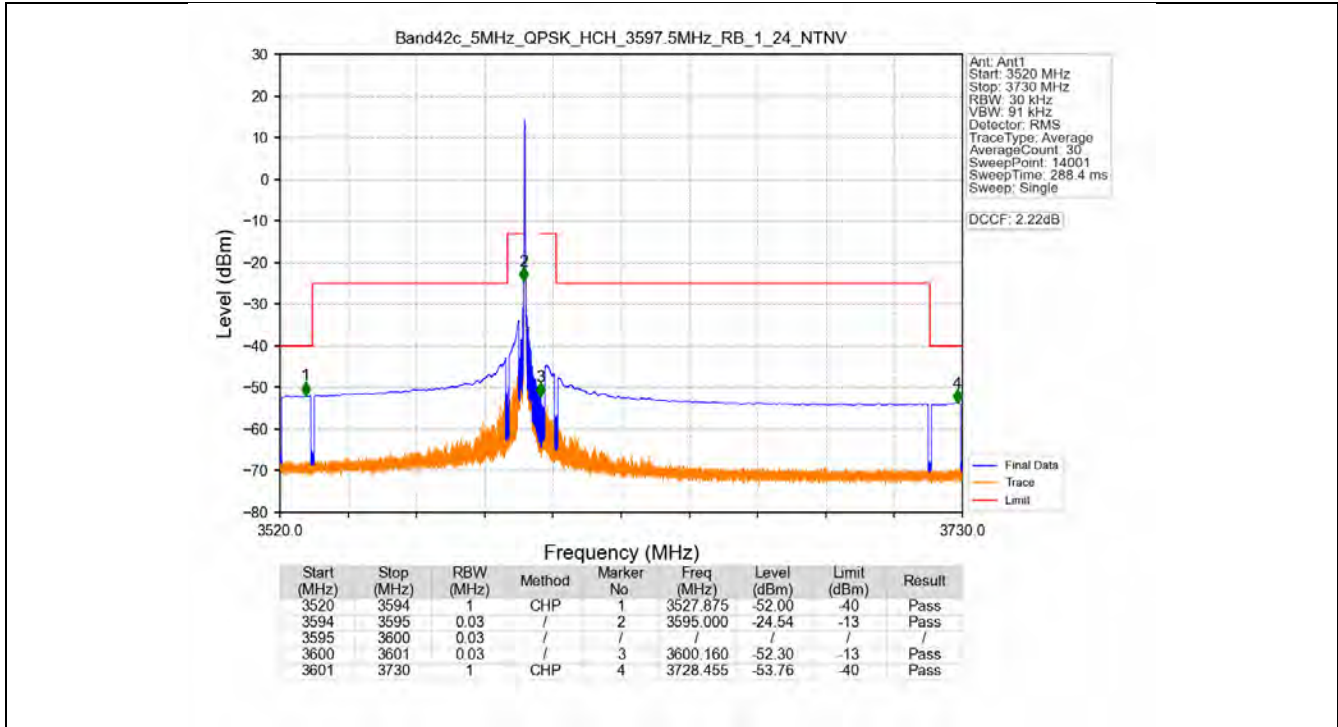


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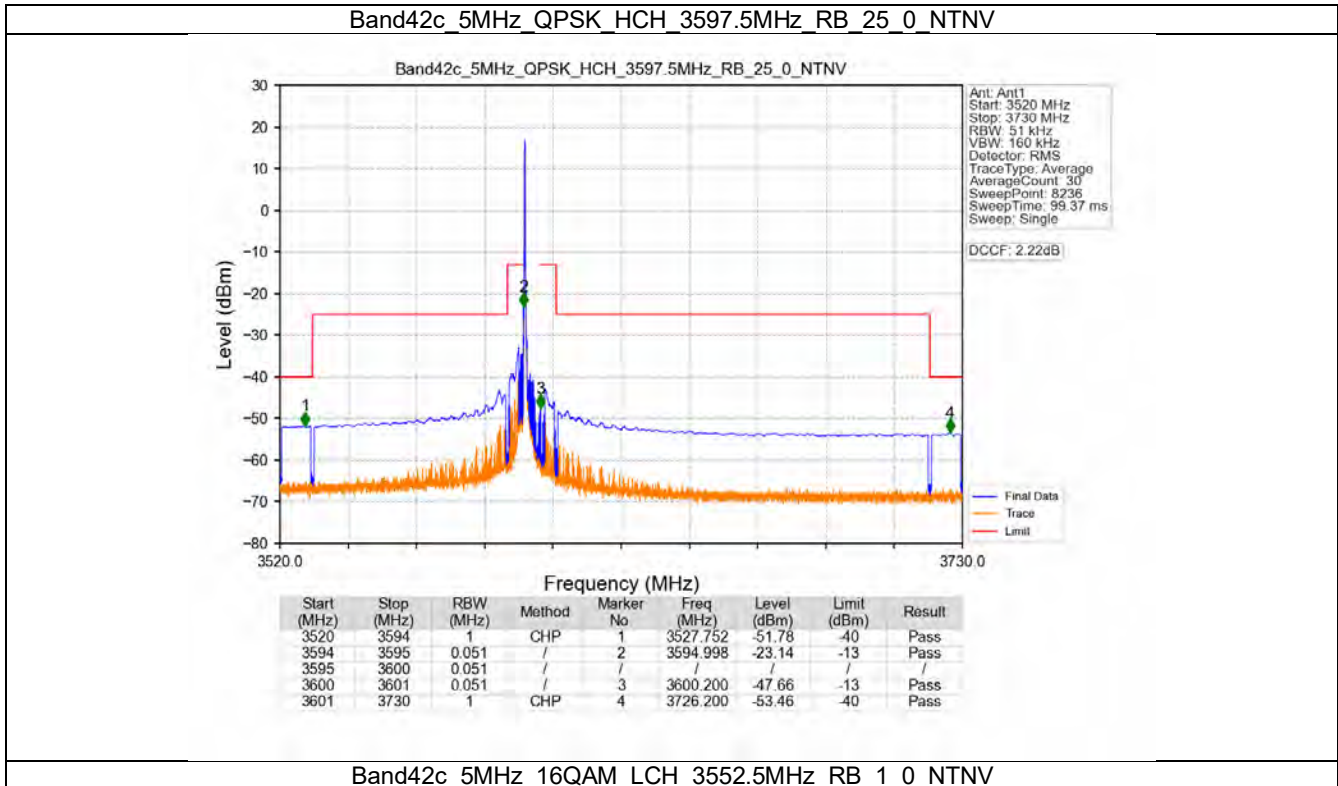


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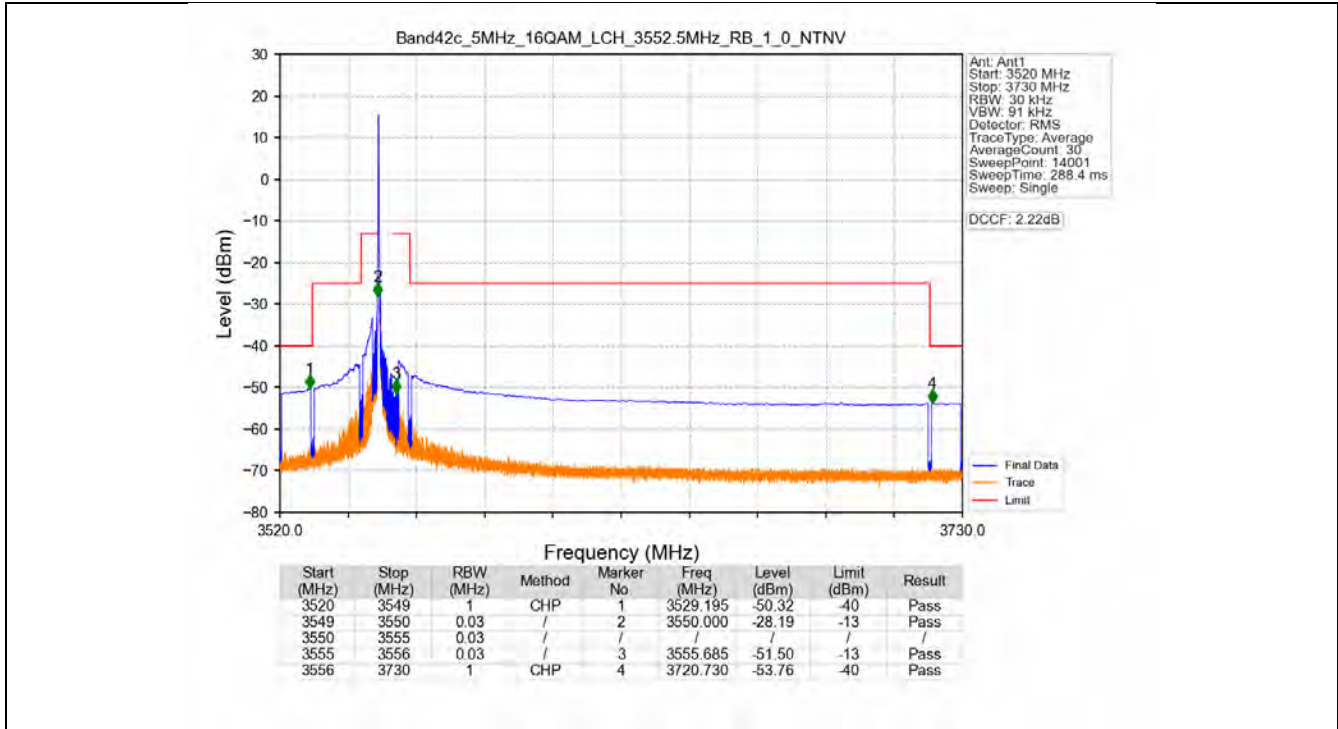


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