

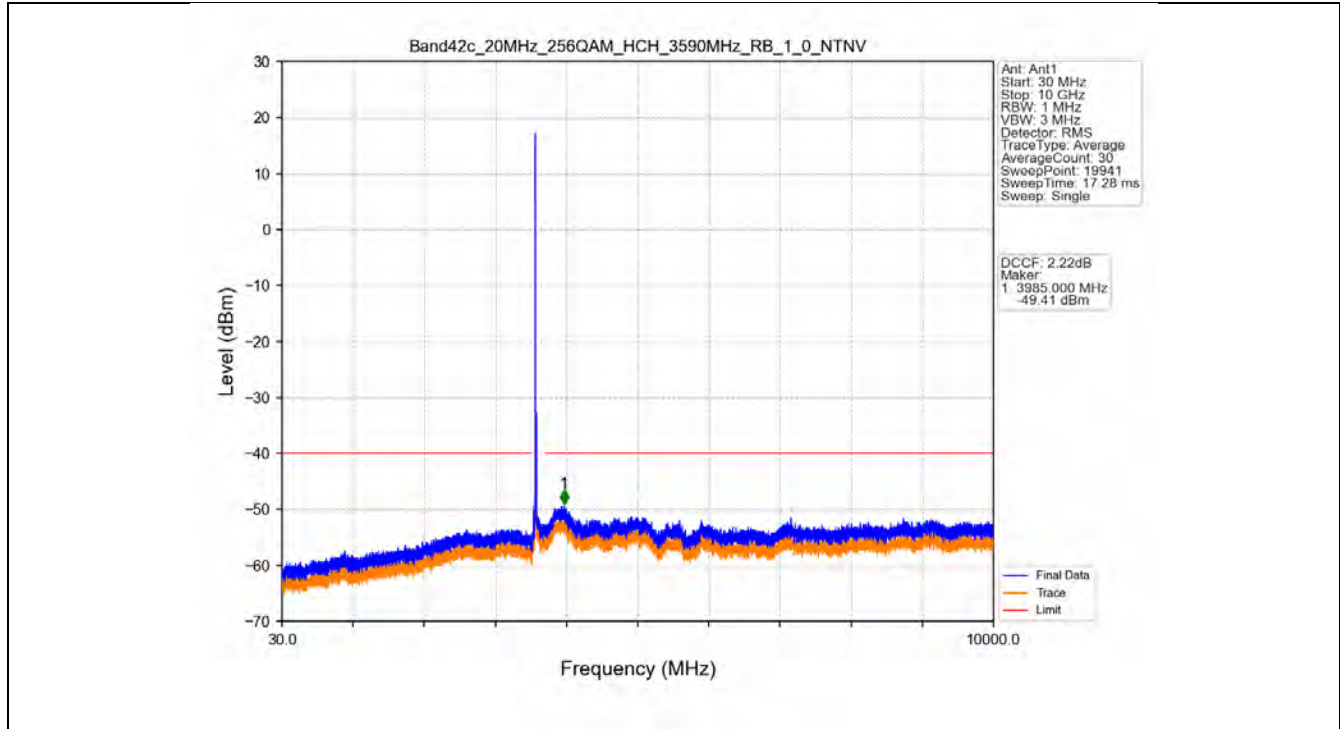


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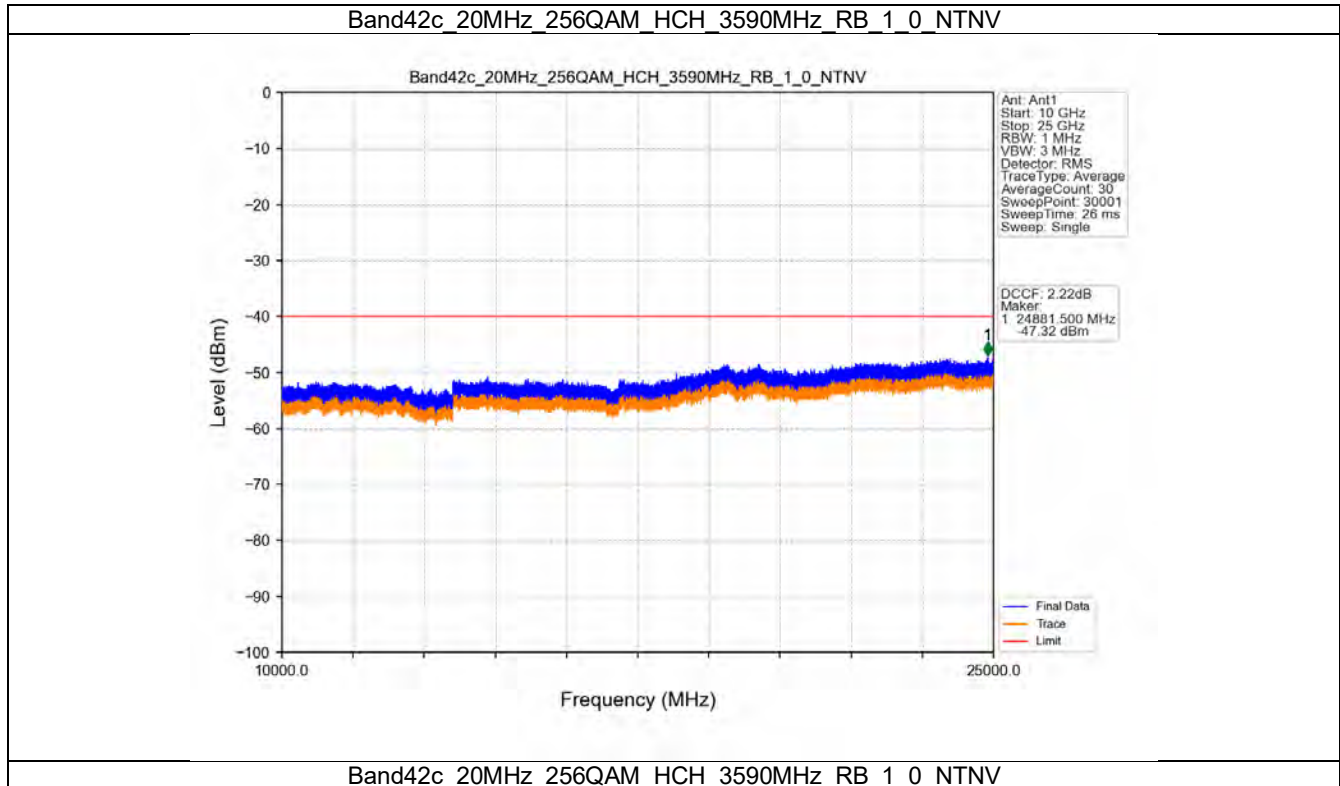


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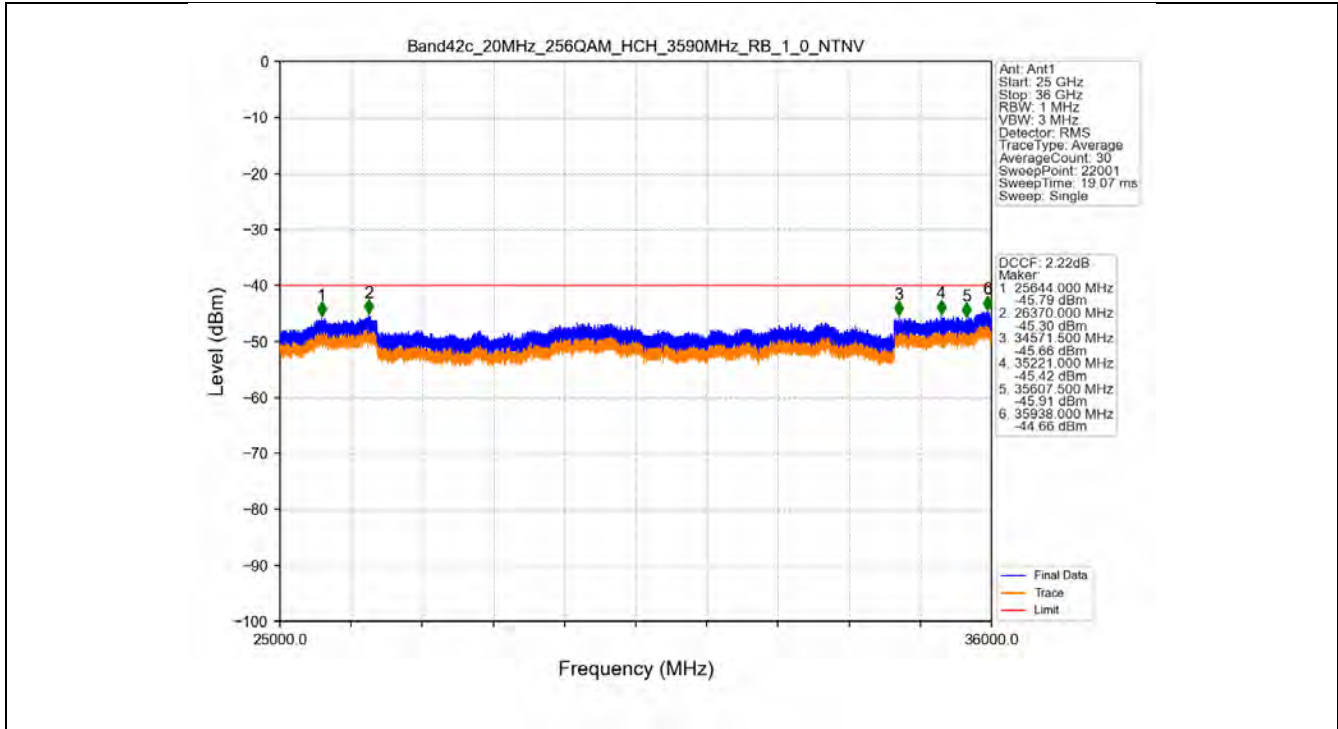


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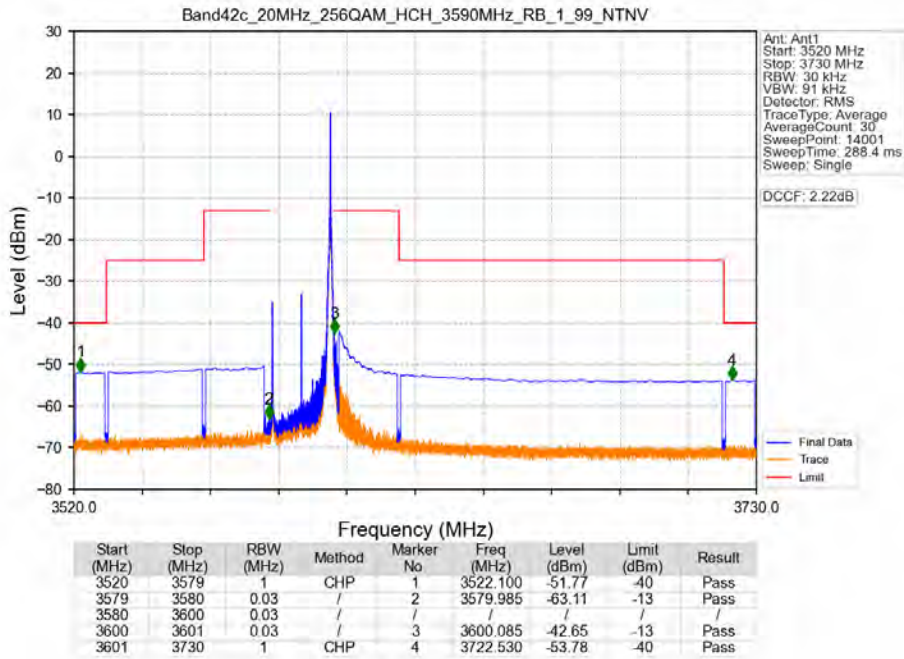
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Band42c_20MHz_256QAM_HCH_3590MHz_RB_1_99_NTNV



Band42c_20MHz_256QAM_HCH_3590MHz_RB_100_0_NTNV



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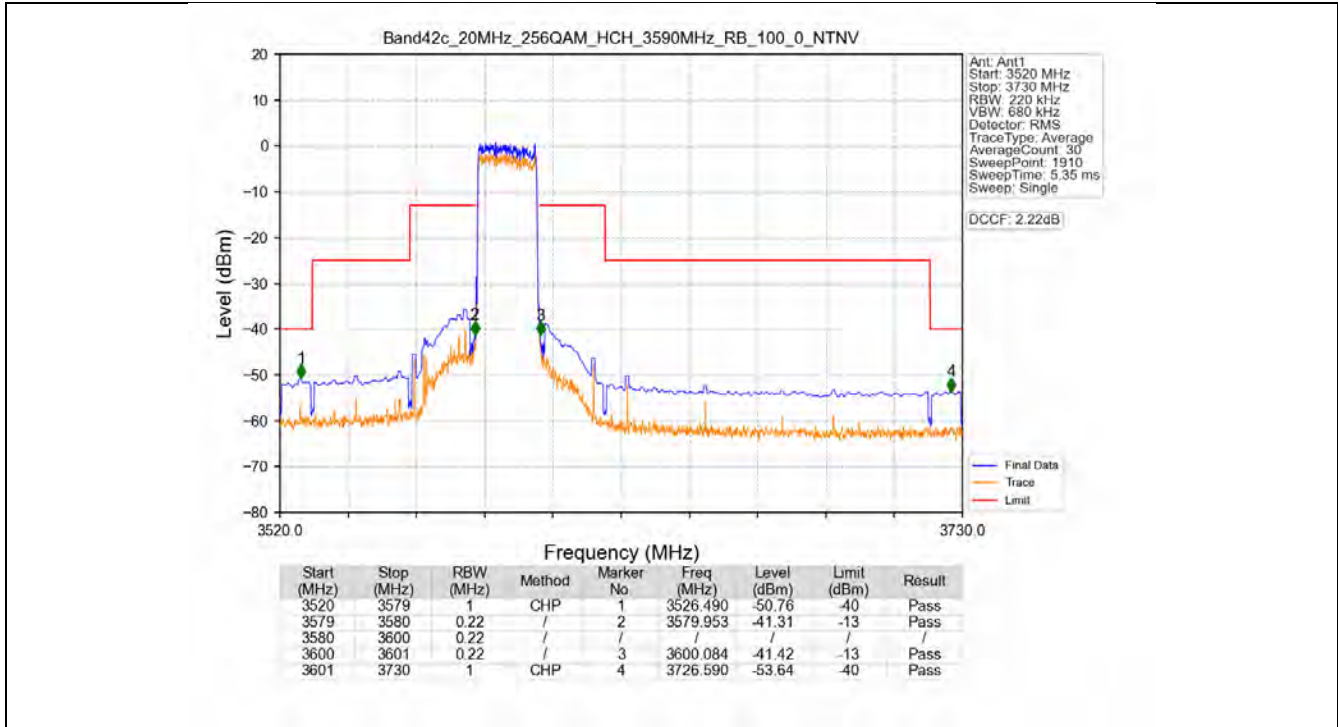


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6. Field Strength of Spurious Radiation

LTE Band 42-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7120	-55.98	-40	-15.98	-62.92	4.19	11.13	Horizontal	Pass
10680	-52.64	-40	-12.64	-60.685	5.08	13.12	Horizontal	Pass
14240	-50.22	-40	-10.22	-59.88	4.82	14.48	Horizontal	Pass
7120	-55.68	-40	-15.68	-62.62	4.19	11.13	Vertical	Pass
10680	-52.76	-40	-12.76	-60.805	5.08	13.12	Vertical	Pass
14240	-49.74	-40	-9.74	-59.4	4.82	14.48	Vertical	Pass

LTE Band 42-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7150	-55.46	-40	-15.46	-62.4	4.19	11.13	Horizontal	Pass
10725	-52.51	-40	-12.51	-60.555	5.08	13.12	Horizontal	Pass
14300	-49.42	-40	-9.42	-59.08	4.82	14.48	Horizontal	Pass
7150	-55.87	-40	-15.87	-62.81	4.19	11.13	Vertical	Pass
10725	-52.2	-40	-12.2	-60.245	5.08	13.12	Vertical	Pass
14300	-49.75	-40	-9.75	-59.41	4.82	14.48	Vertical	Pass



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LTE Band 42-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
7162	-56.34	-40	-16.34	-63.28	4.19	11.13	Horizontal	Pass
10743	-52.01	-40	-12.01	-60.055	5.08	13.12	Horizontal	Pass
14324	-48.6	-40	-8.6	-58.26	4.82	14.48	Horizontal	Pass
7162	-55.74	-40	-15.74	-62.68	4.19	11.13	Vertical	Pass
10743	-52.16	-40	-12.16	-60.205	5.08	13.12	Vertical	Pass
14324	-48.94	-40	-8.94	-58.6	4.82	14.48	Vertical	Pass



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7. Adjacent Channel Leakage Ratio

7.1 B42c_5MHz

7.1.1 Test Result

Band: 42c / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3552.5	25	0	Refer To Test Graph		Pass
	3575	25	0	Refer To Test Graph		Pass
	3597.5	25	0	Refer To Test Graph		Pass
16QAM	3552.5	25	0	Refer To Test Graph		Pass
	3575	25	0	Refer To Test Graph		Pass
	3597.5	25	0	Refer To Test Graph		Pass
64QAM	3552.5	25	0	Refer To Test Graph		Pass
	3575	25	0	Refer To Test Graph		Pass
	3597.5	25	0	Refer To Test Graph		Pass
256QAM	3552.5	25	0	Refer To Test Graph		Pass
	3575	25	0	Refer To Test Graph		Pass
	3597.5	25	0	Refer To Test Graph		Pass



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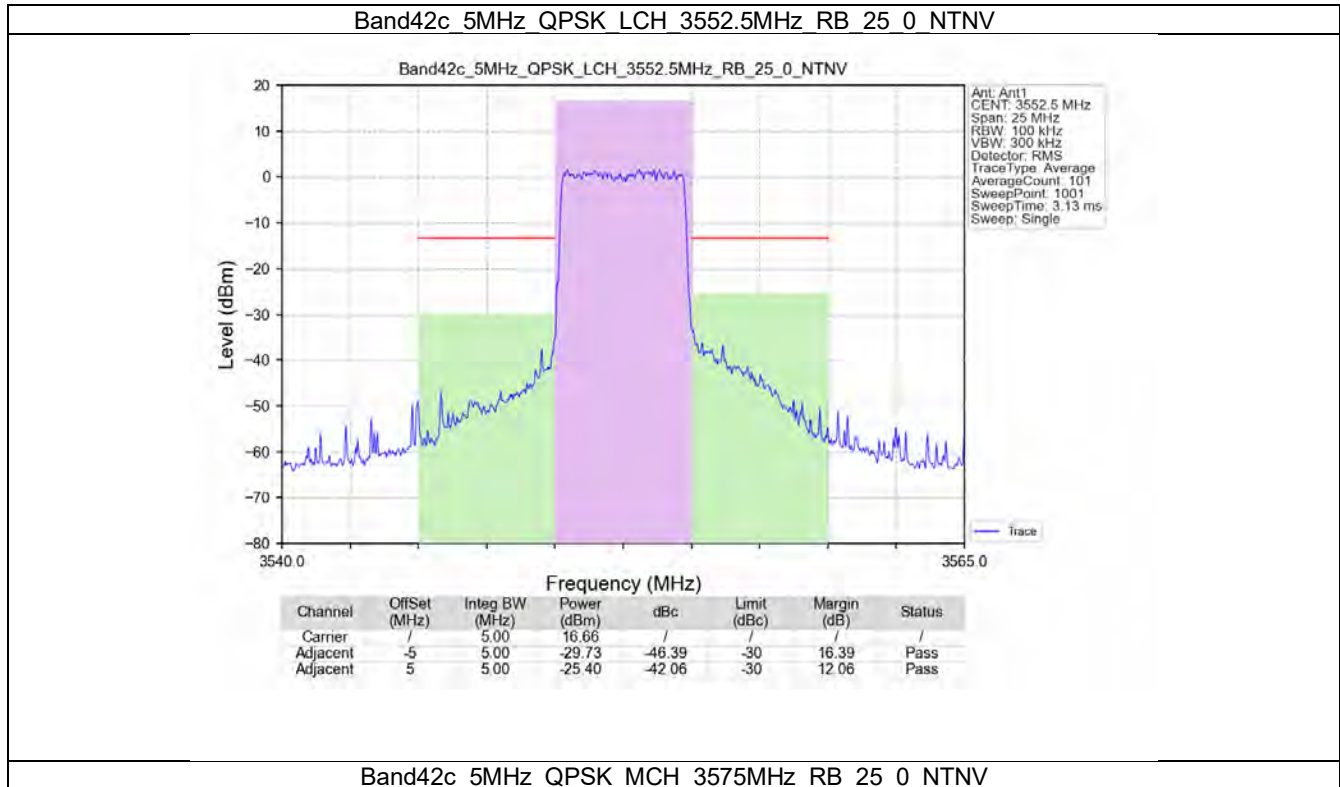
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7.1.2 Test Graph



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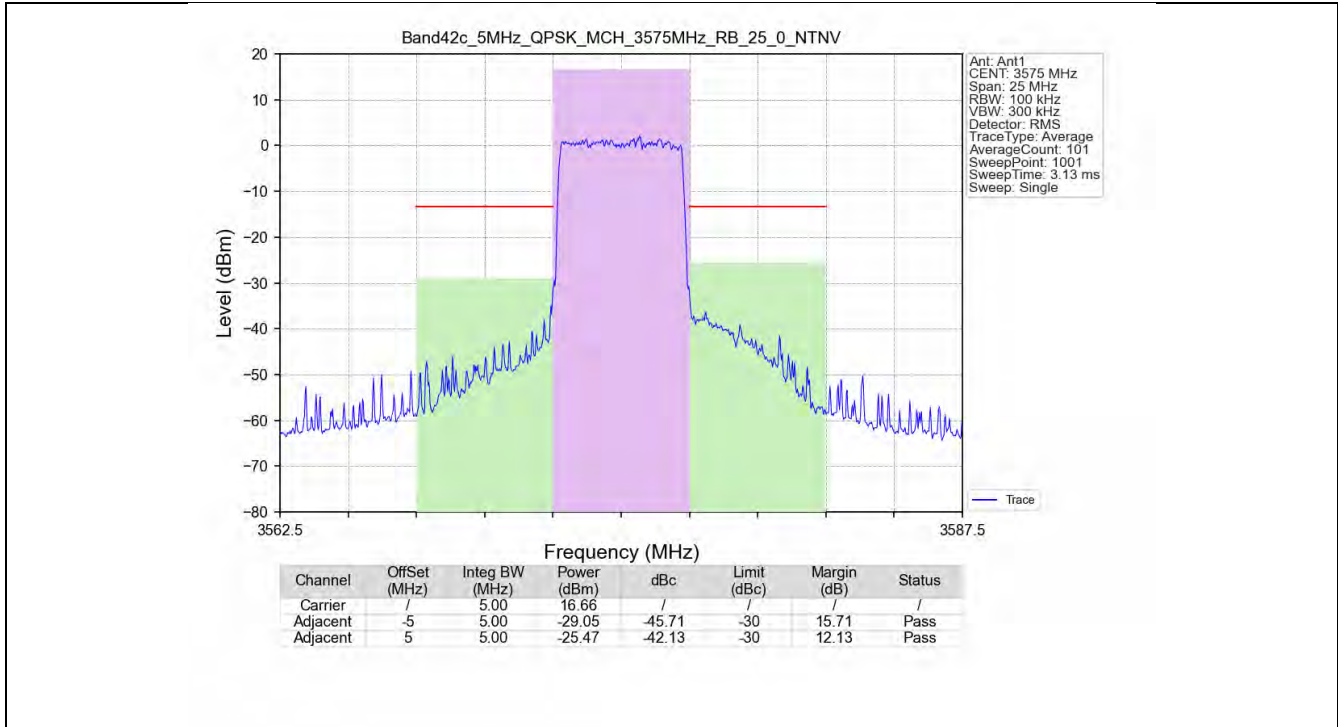


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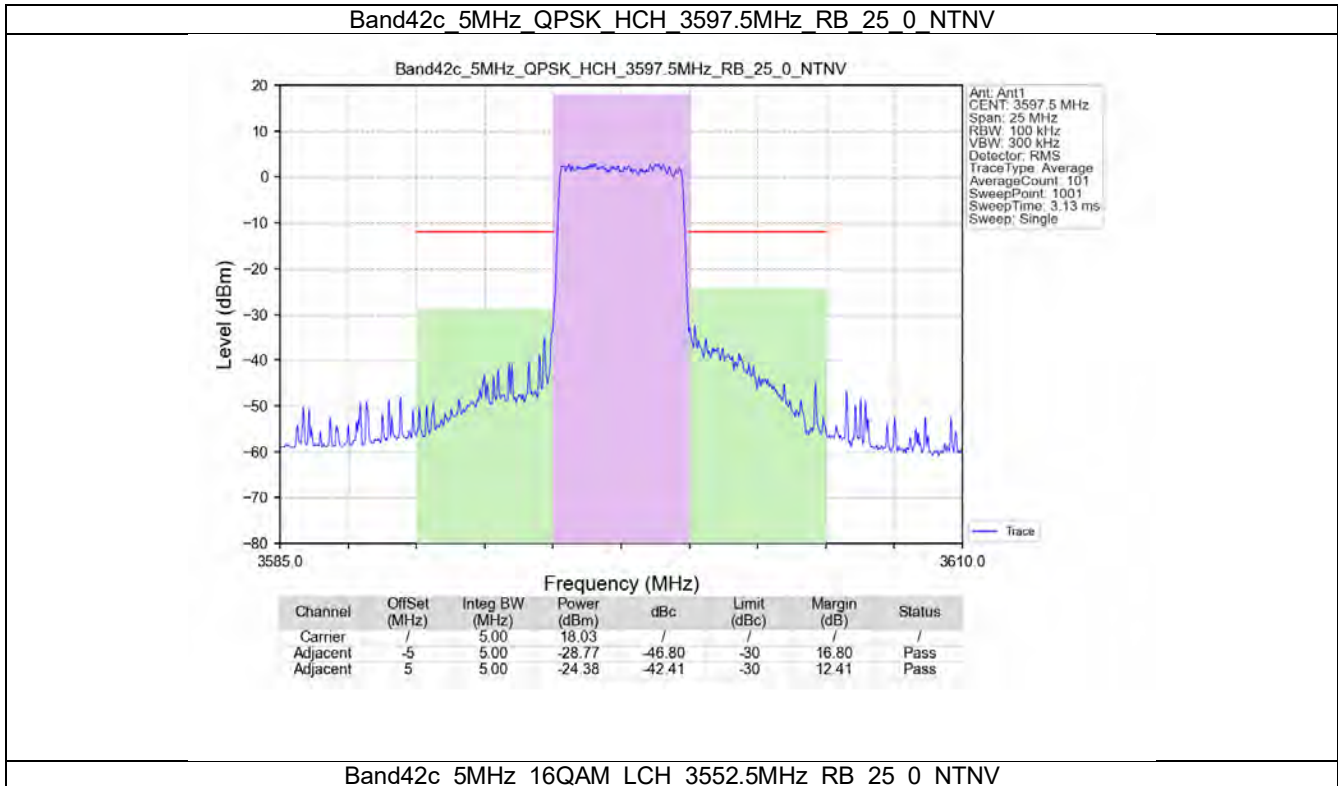


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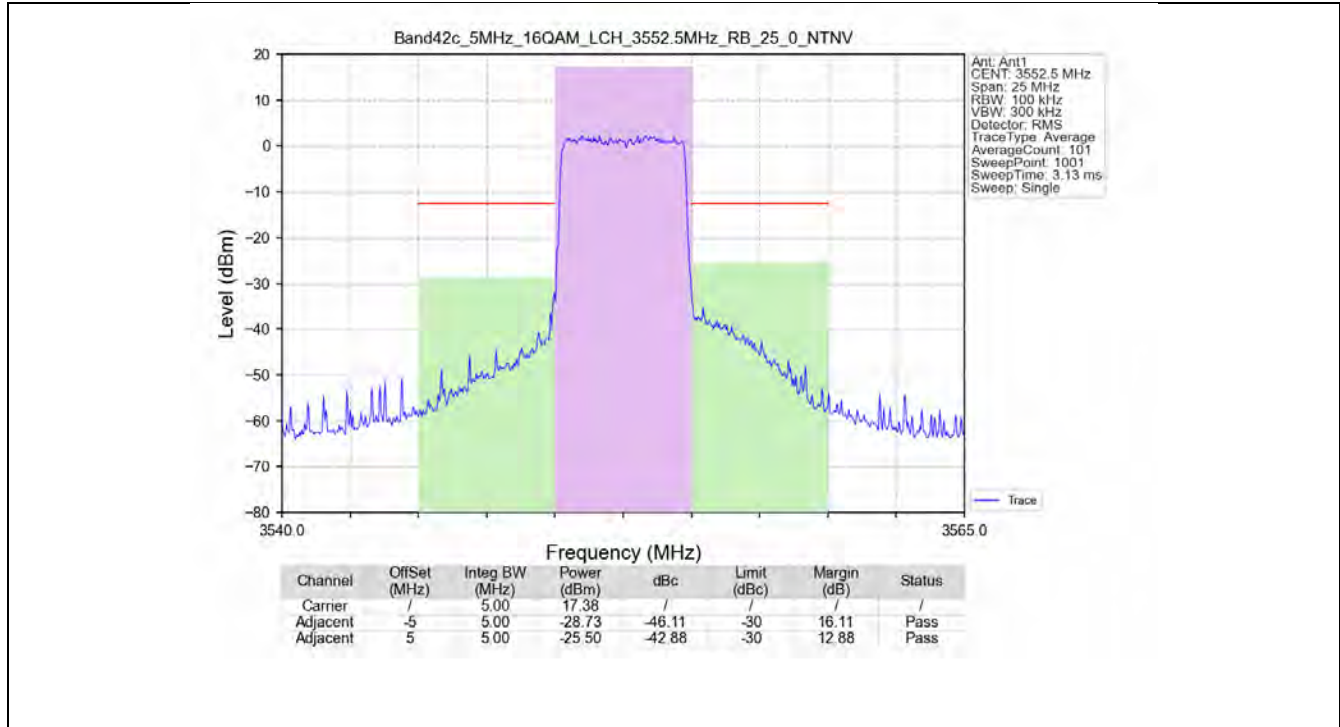


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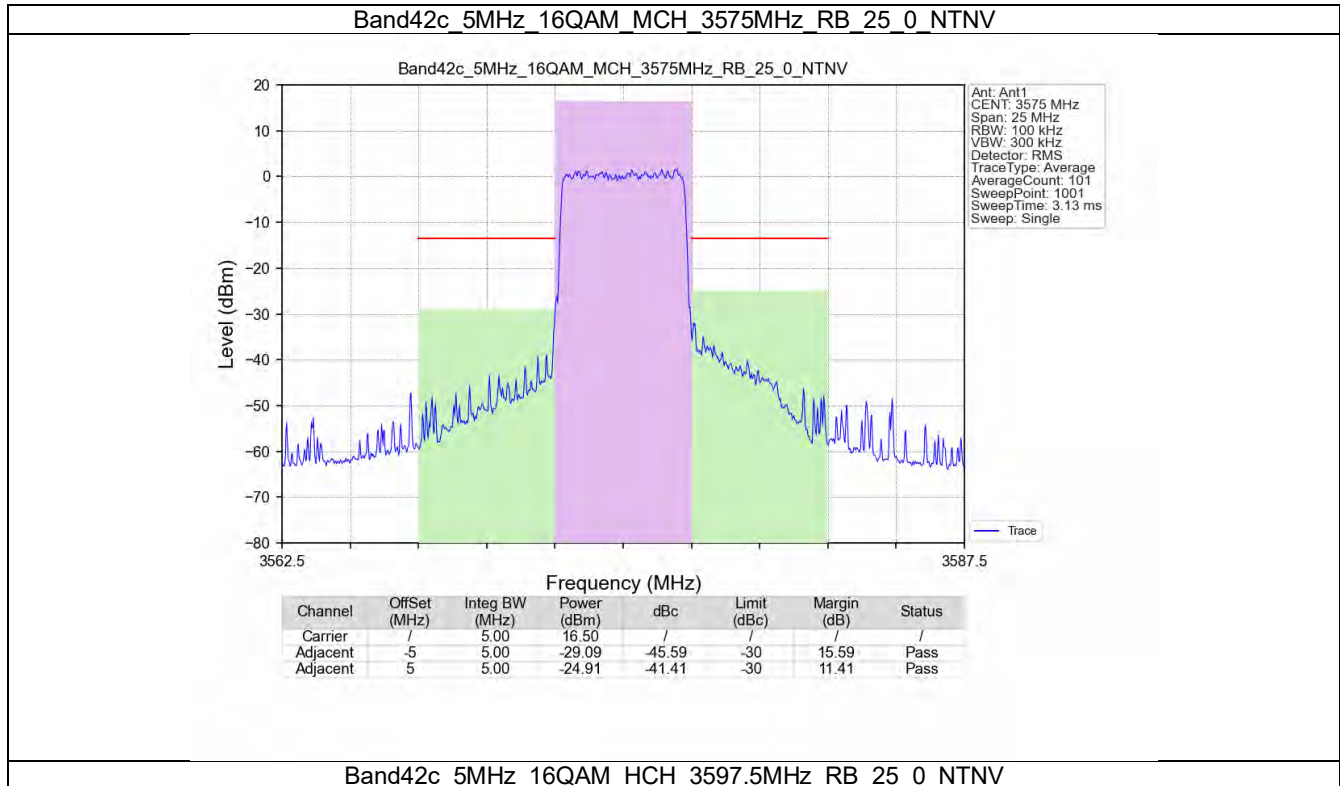


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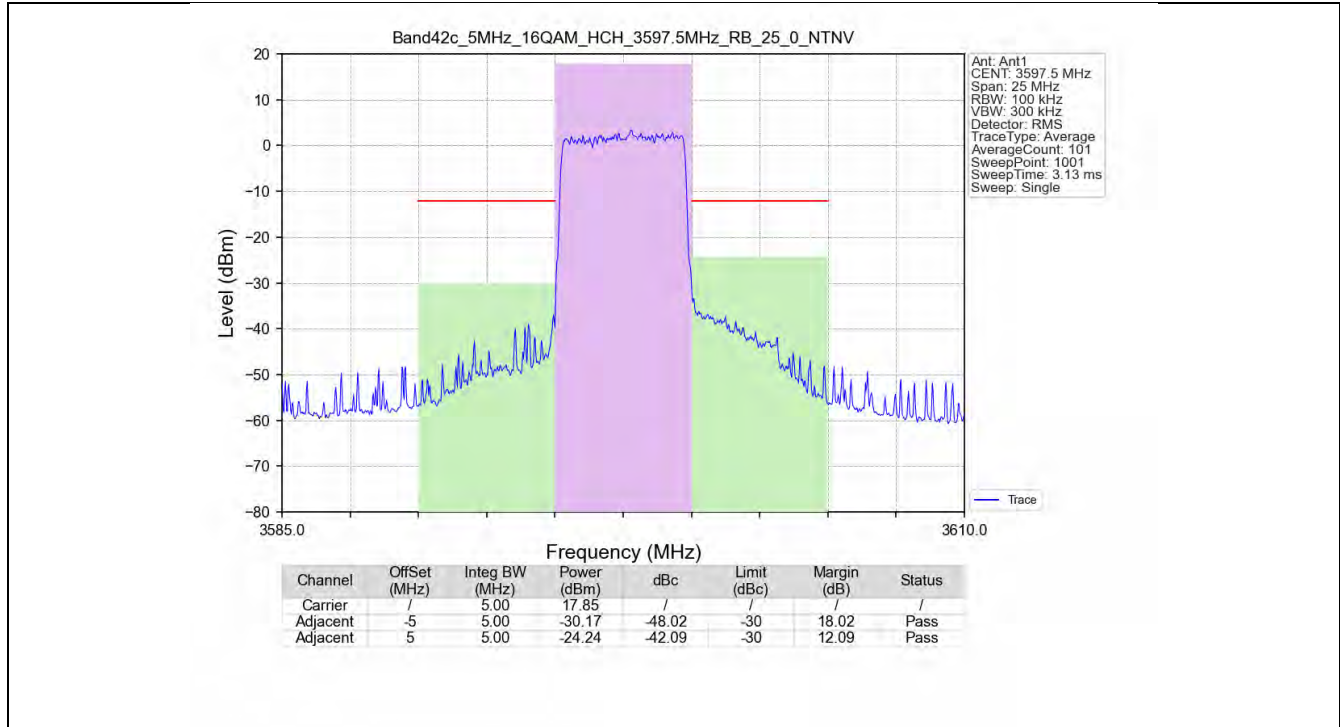


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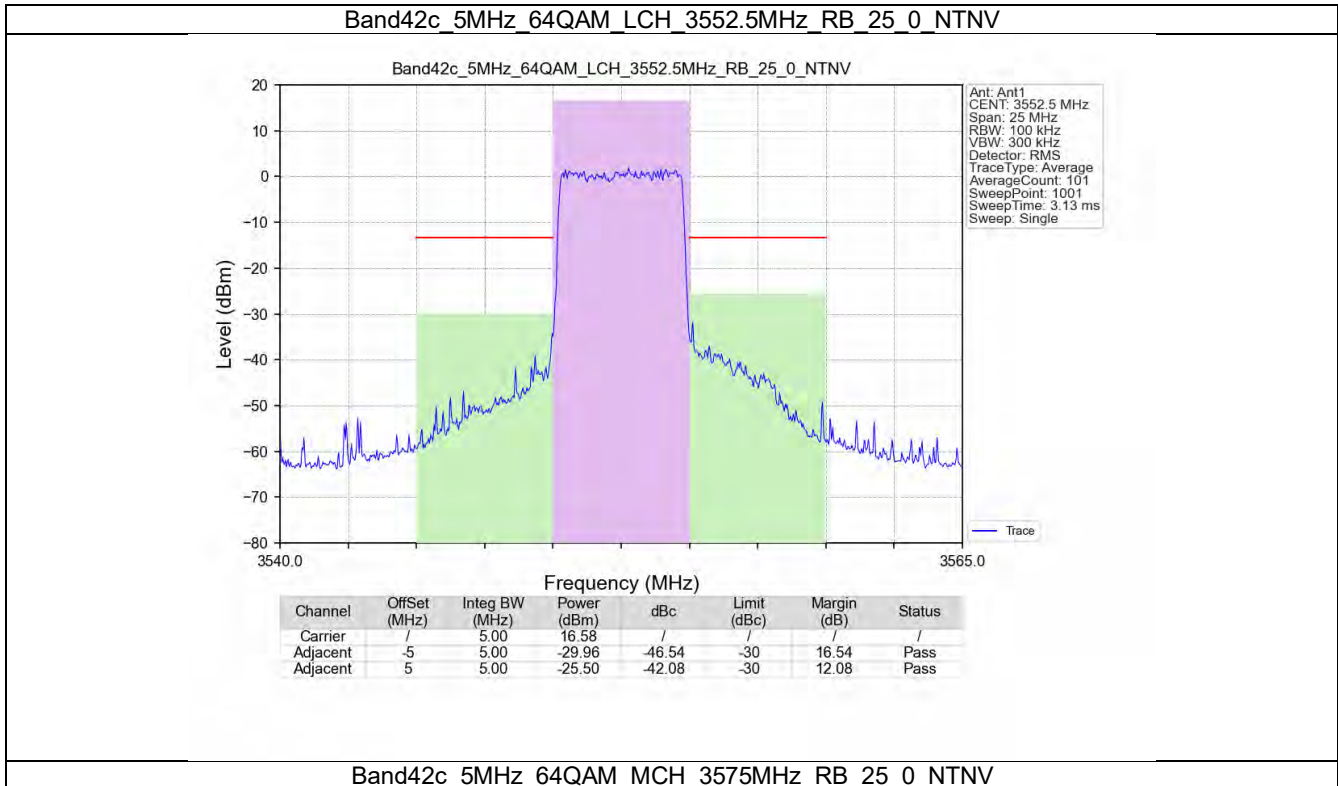


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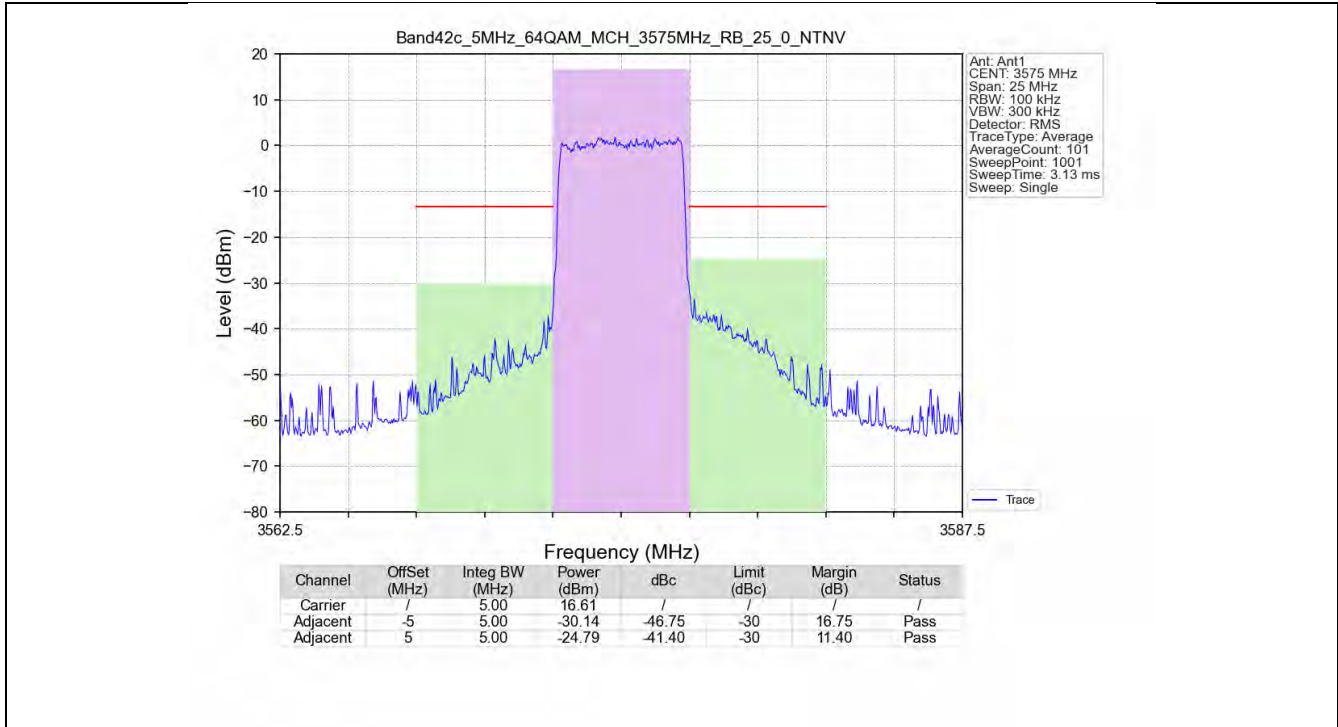


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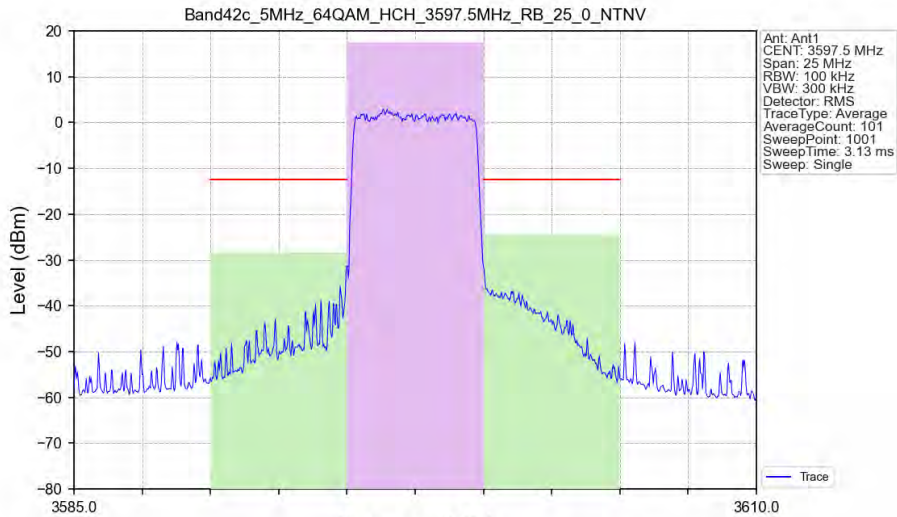
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Band42c 5MHz 64QAM HCH 3597.5MHz RB 25 0 NTV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	17.48	/	/	/	/
Adjacent	-5	5.00	-28.25	-45.73	-30	15.73	Pass
Adjacent	5	5.00	-24.47	-41.95	-30	11.95	Pass

Band42c 5MHz 256QAM LCH 3552.5MHz RB 25 0 NTV



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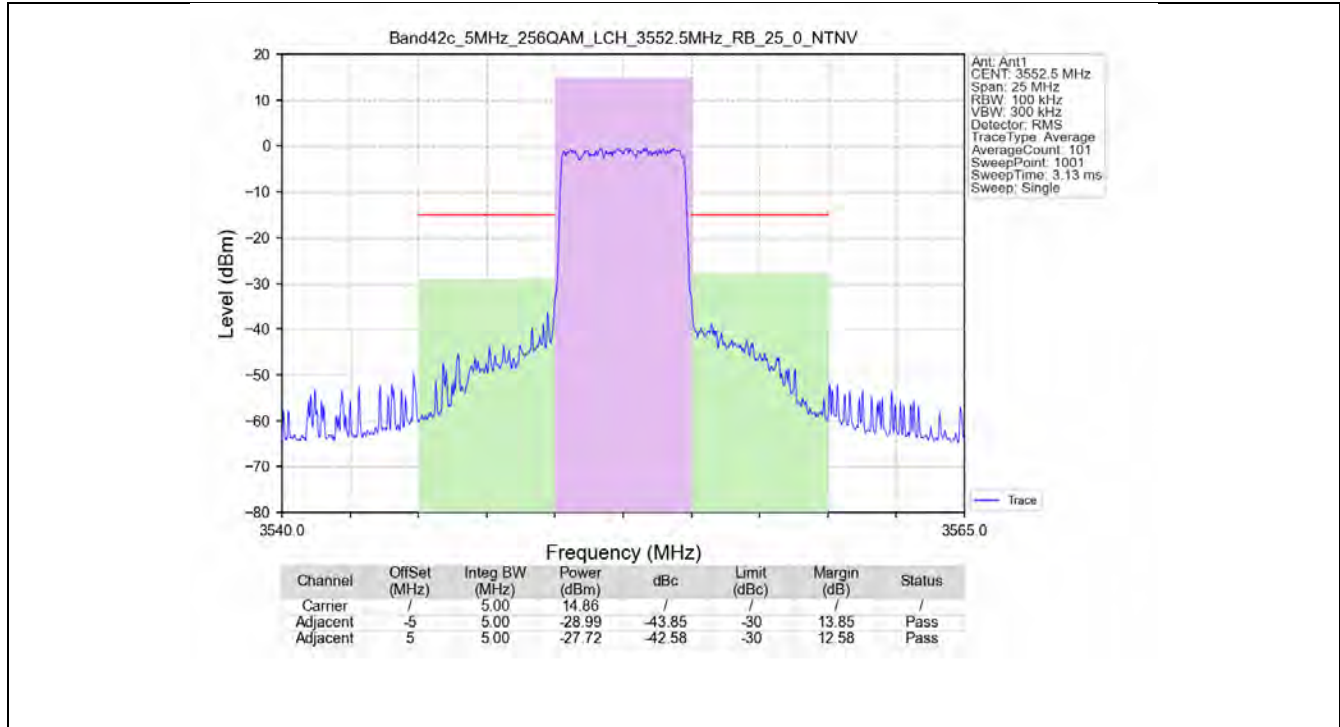


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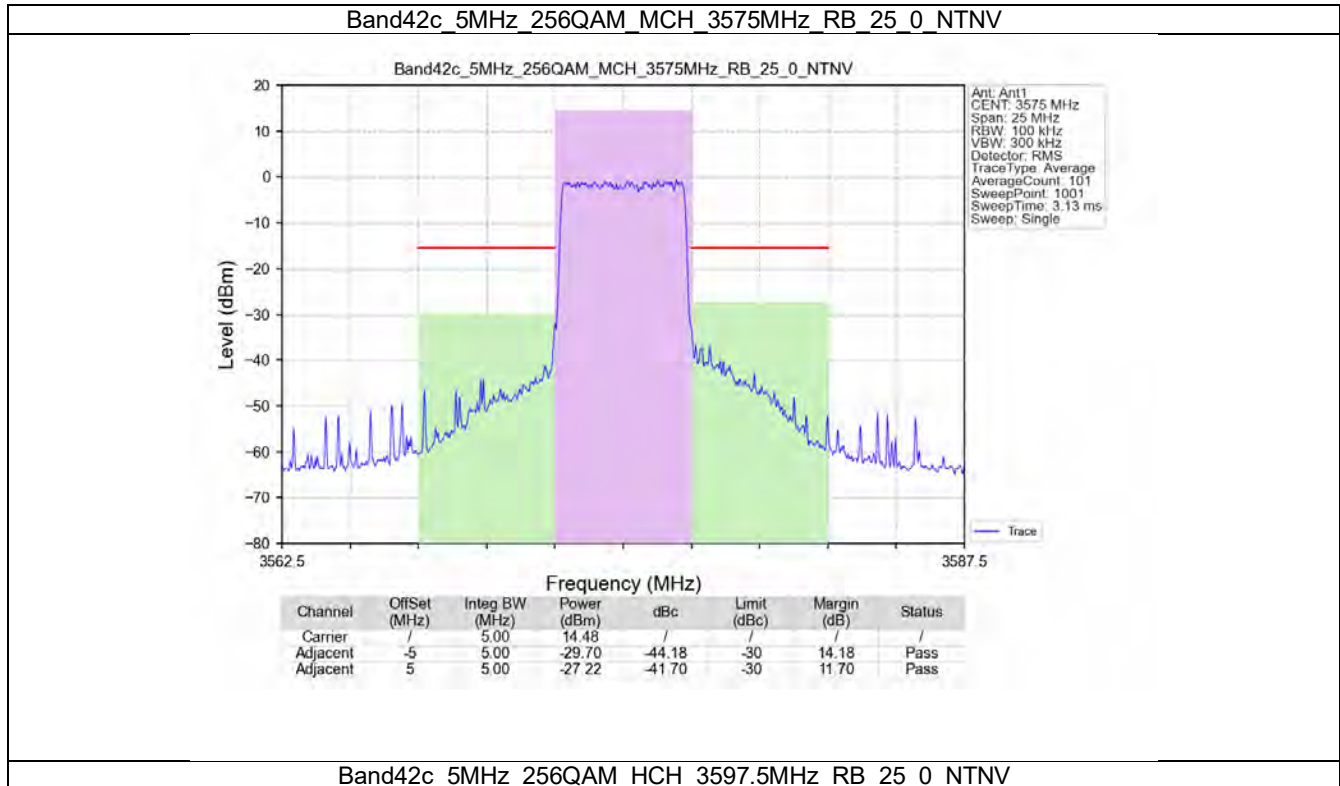


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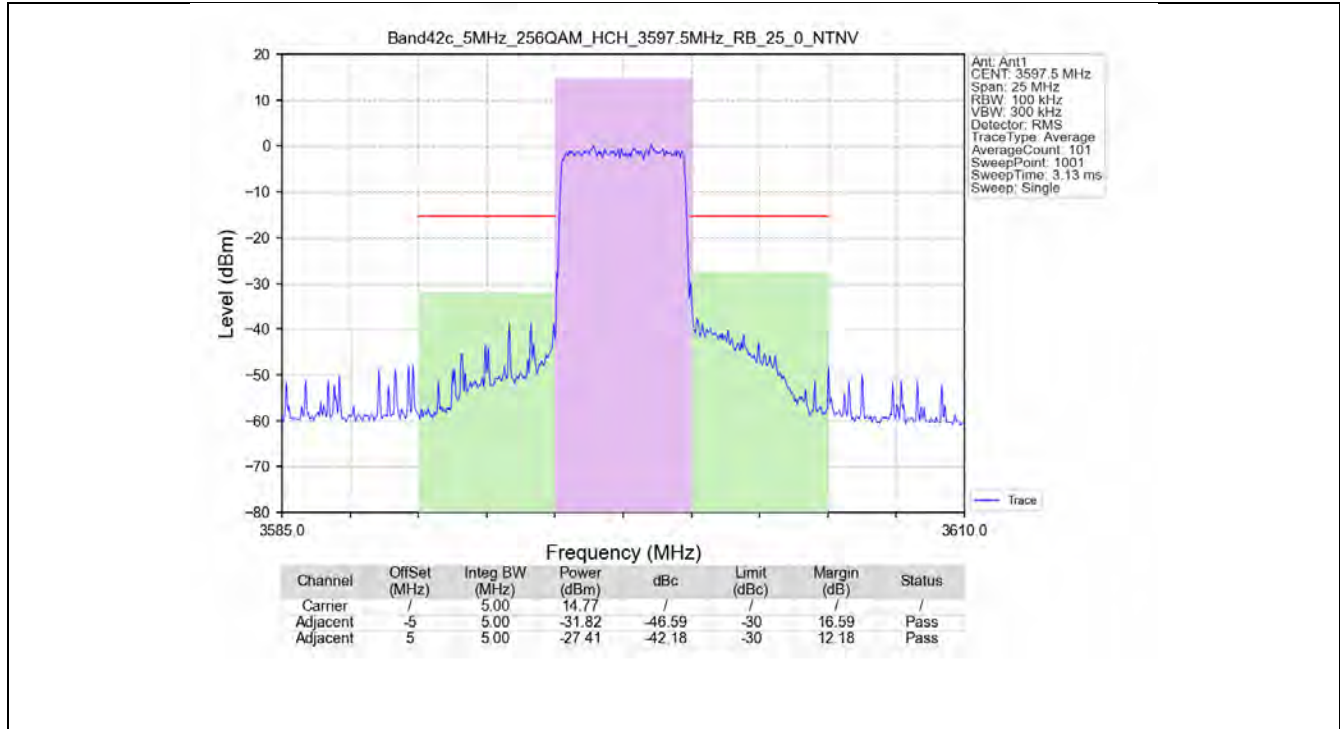


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7.2 B42c_10MHz

7.2.1 Test Result

Band: 42c / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3555	50	0	Refer To Test Graph		Pass
	3575	50	0	Refer To Test Graph		Pass
	3595	50	0	Refer To Test Graph		Pass
16QAM	3555	50	0	Refer To Test Graph		Pass
	3575	50	0	Refer To Test Graph		Pass
	3595	50	0	Refer To Test Graph		Pass
64QAM	3555	50	0	Refer To Test Graph		Pass
	3575	50	0	Refer To Test Graph		Pass
	3595	50	0	Refer To Test Graph		Pass
256QAM	3555	50	0	Refer To Test Graph		Pass
	3575	50	0	Refer To Test Graph		Pass
	3595	50	0	Refer To Test Graph		Pass



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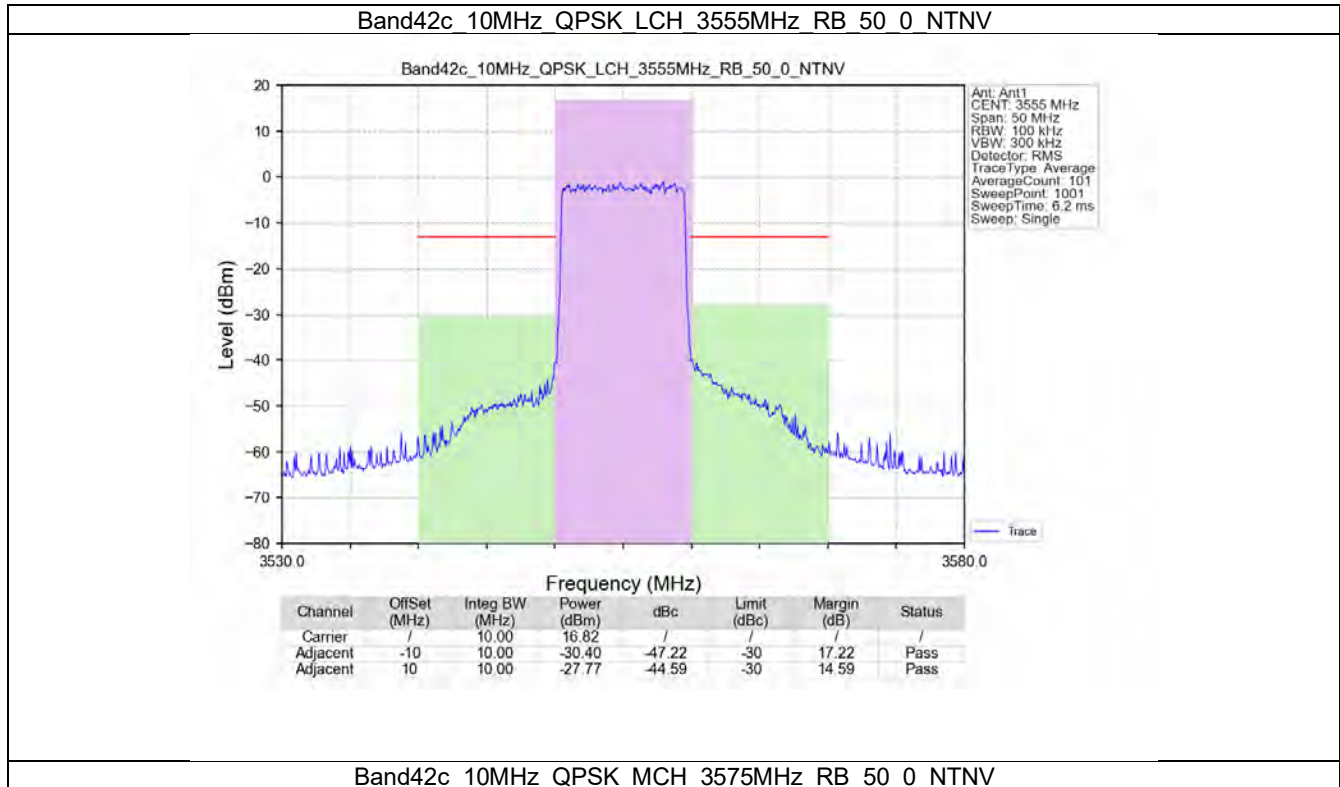
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7.2.2 Test Graph



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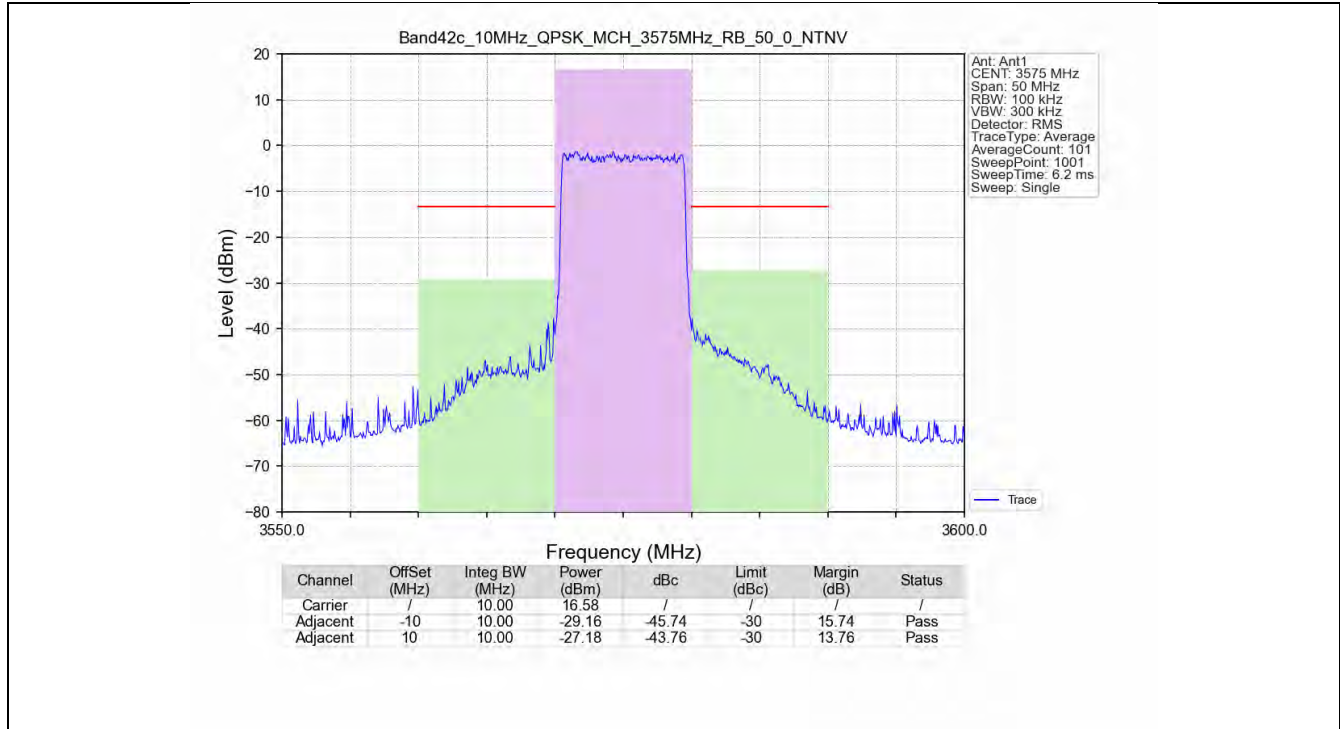


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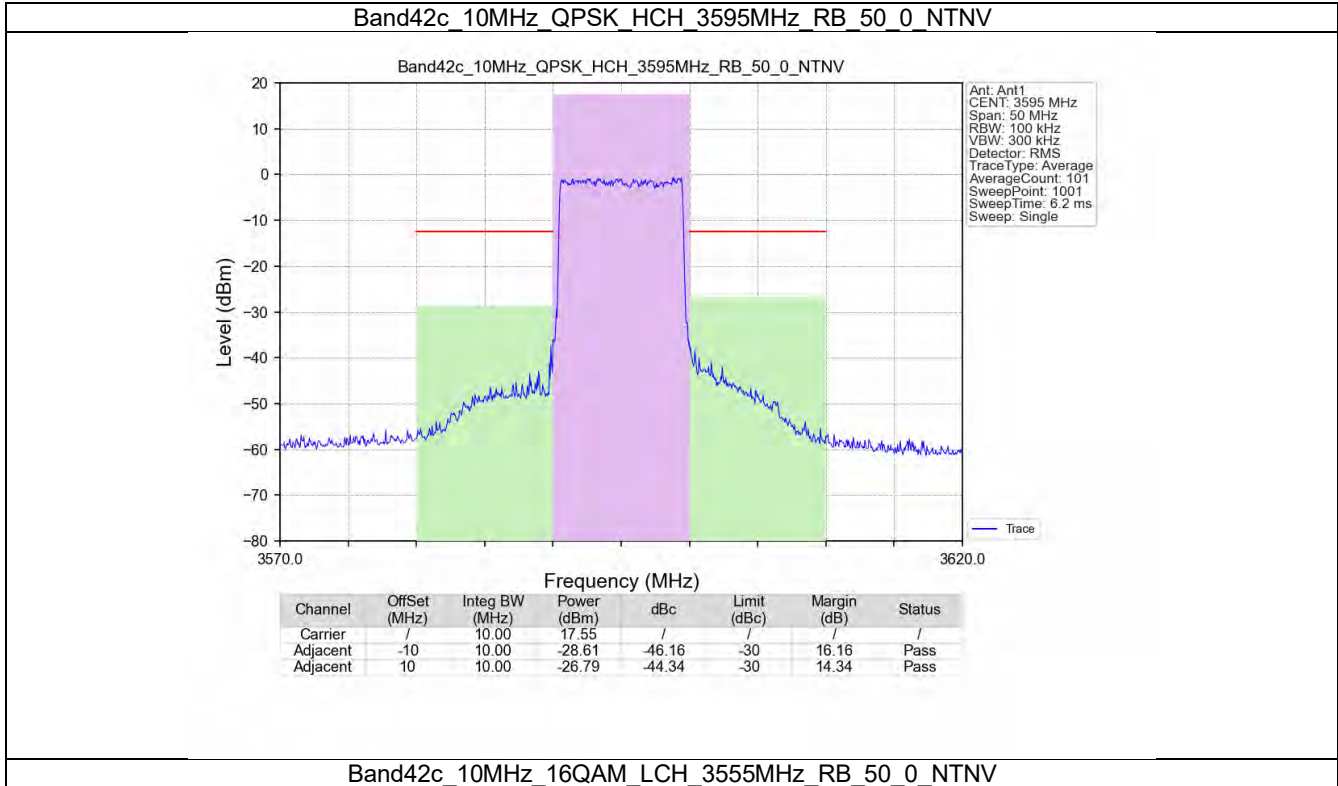


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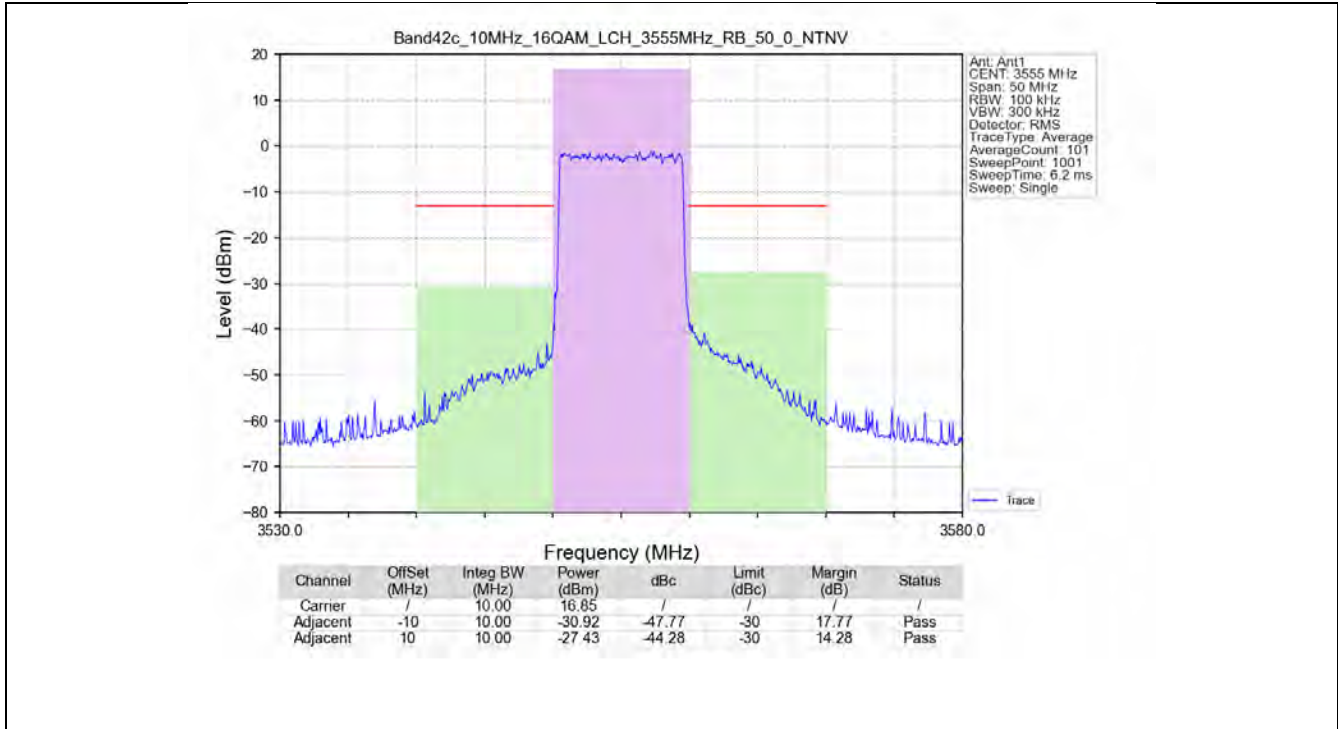


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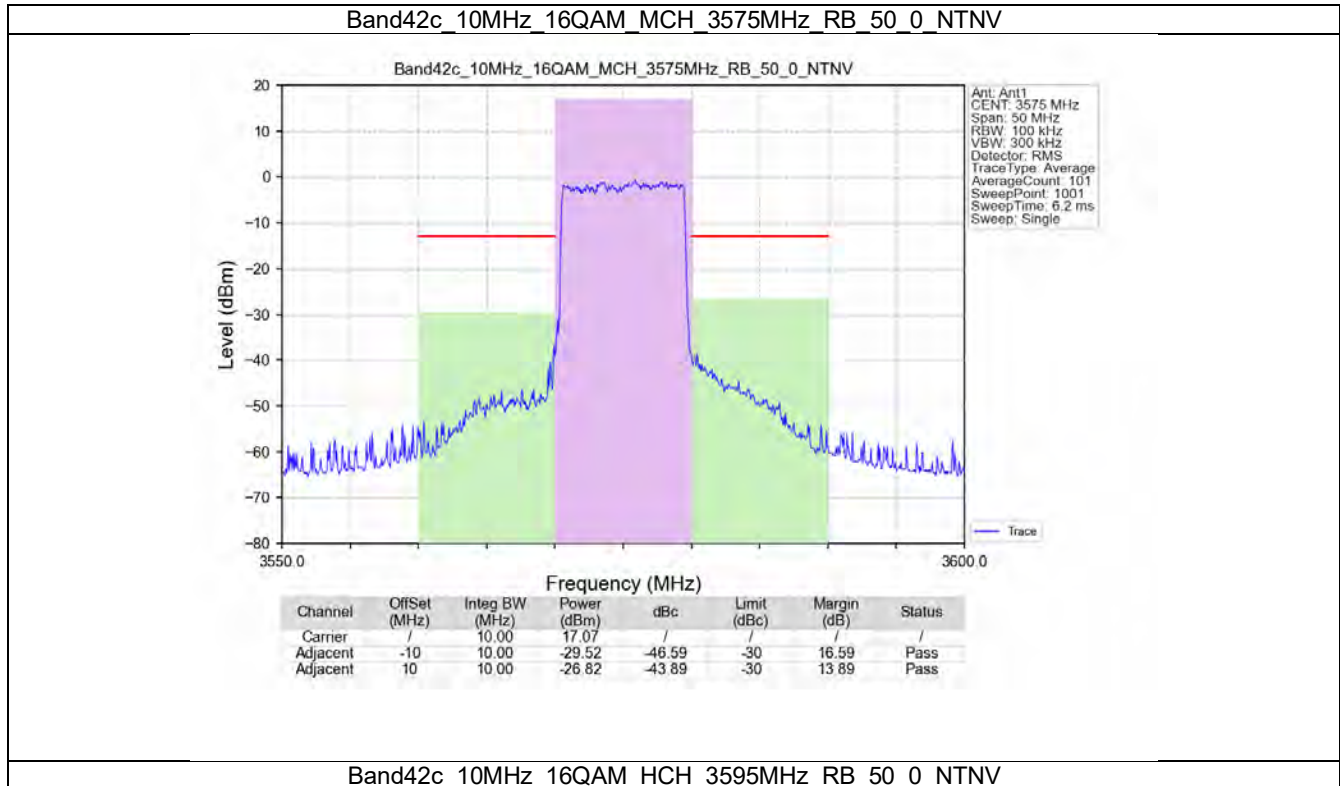


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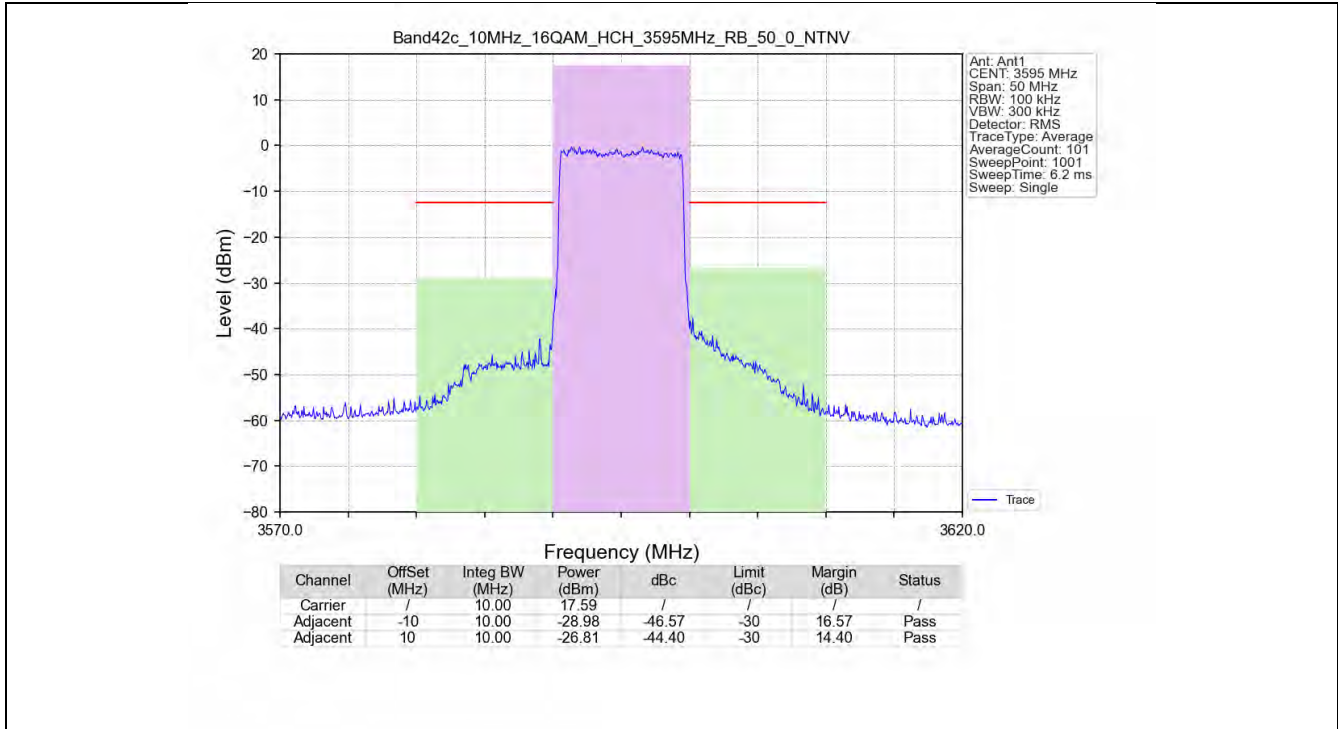


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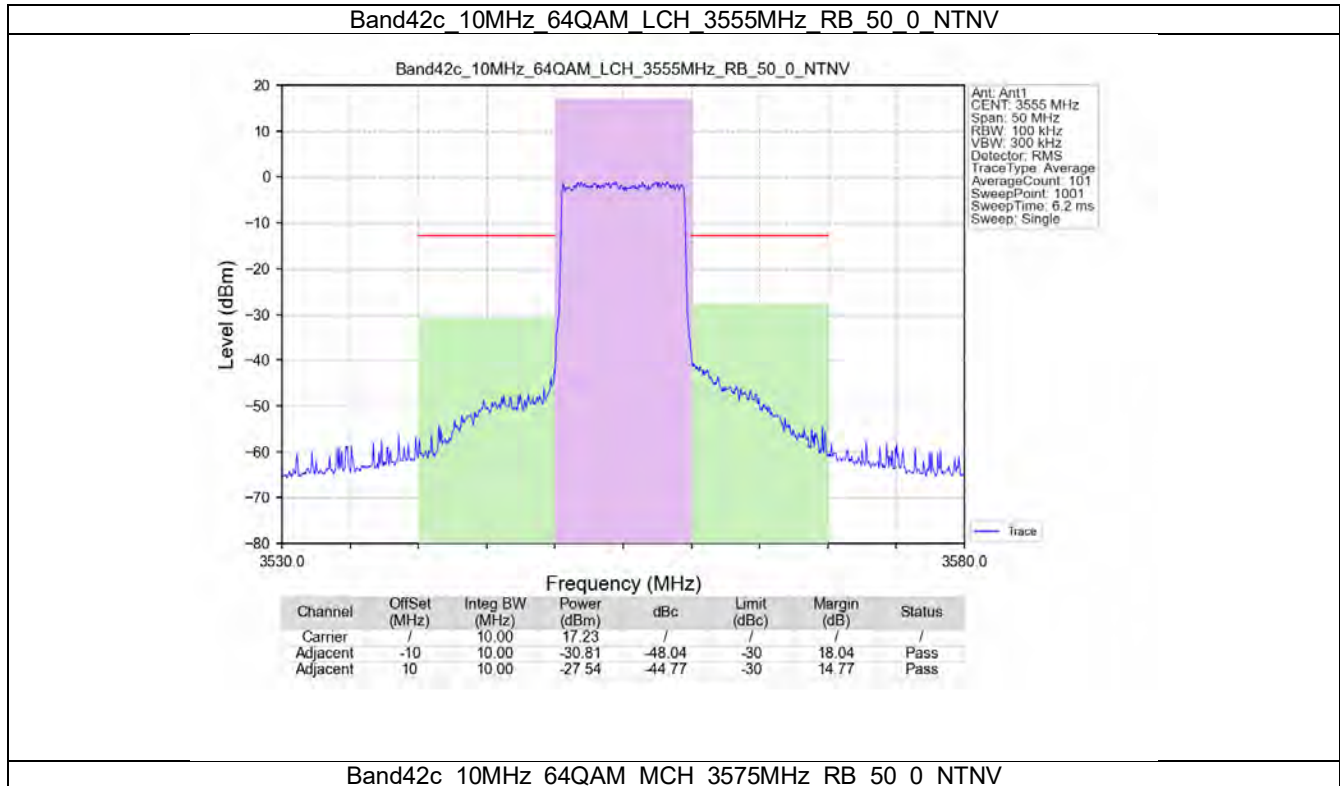


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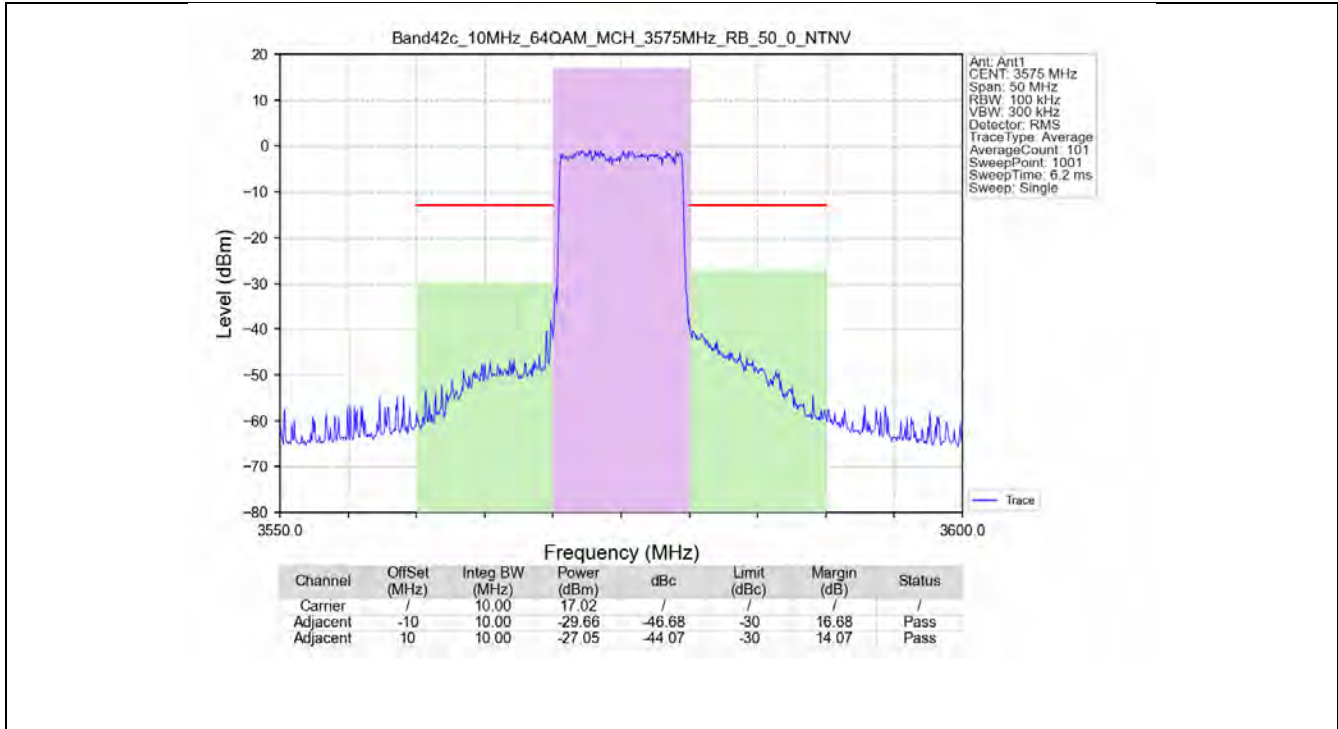


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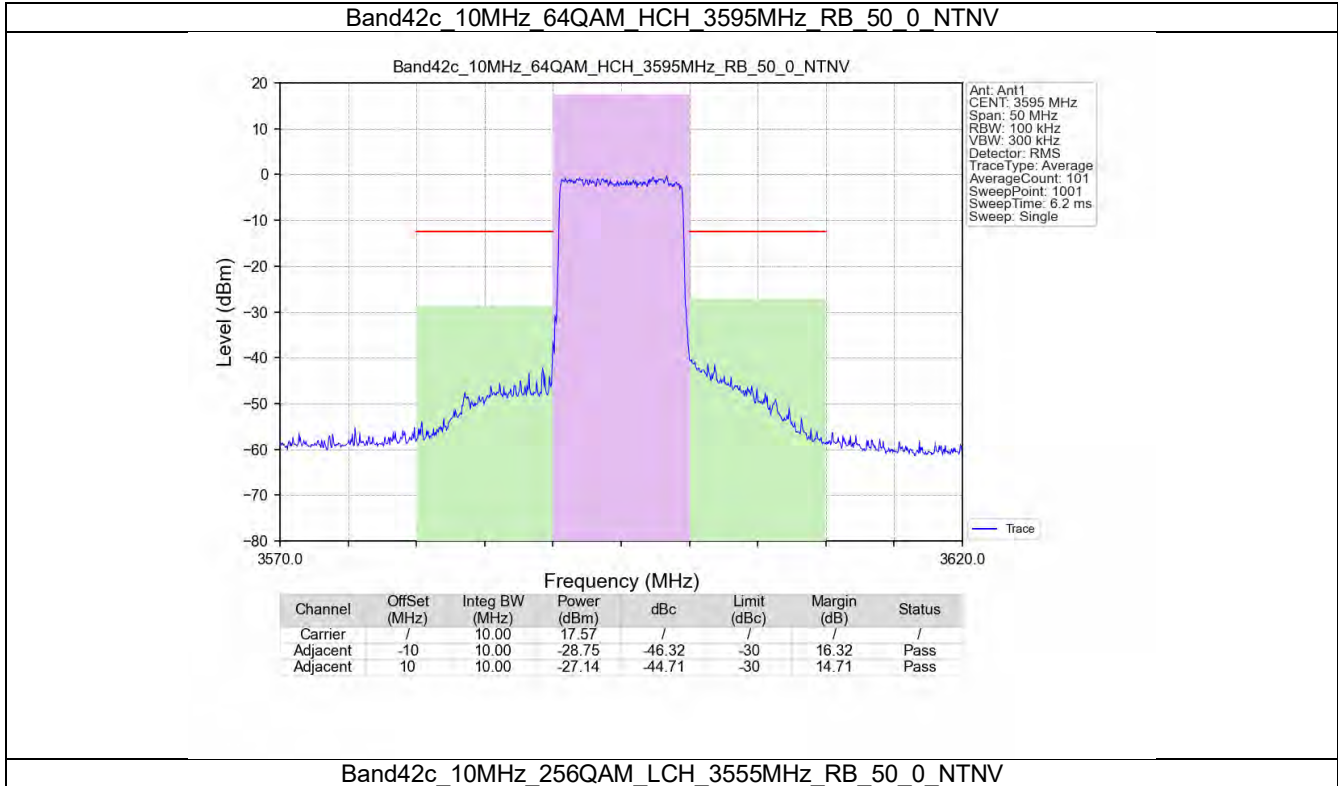


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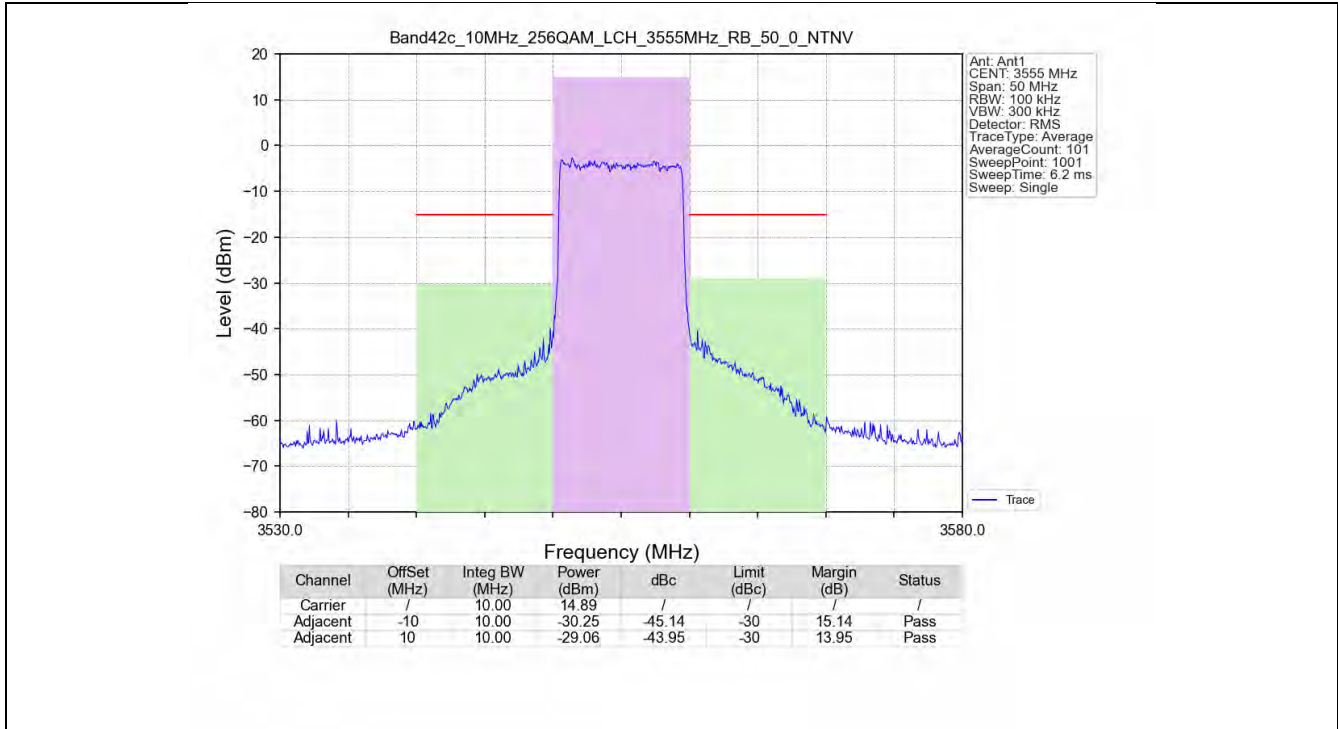


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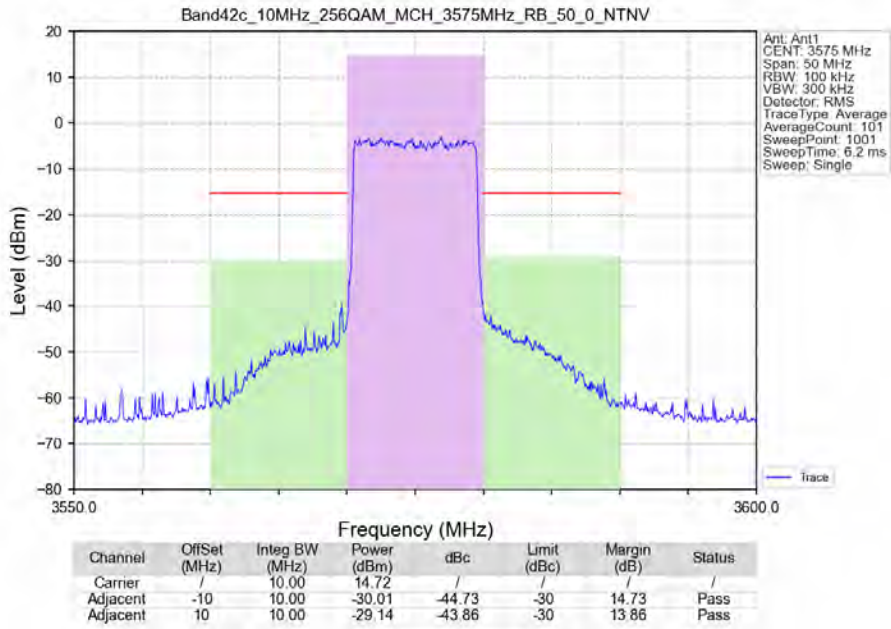
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Band42c_10MHz_256QAM_MCH_3575MHz_RB_50_0_NTNV



Band42c_10MHz_256QAM_HCH_3595MHz_RB_50_0_NTNV



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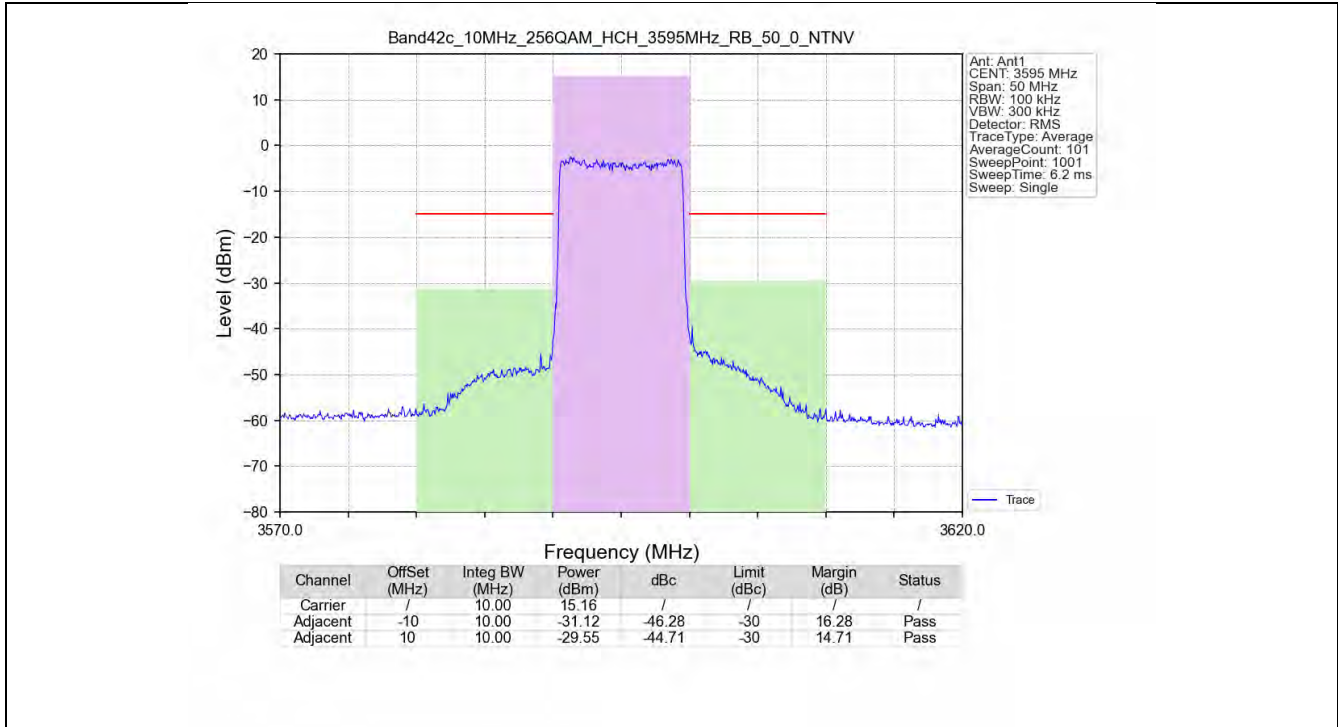


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7.3 B42c_15MHz

7.3.1 Test Result

Band: 42c / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3557.5	75	0	Refer To Test Graph		Pass
	3575	75	0	Refer To Test Graph		Pass
	3592.5	75	0	Refer To Test Graph		Pass
16QAM	3557.5	75	0	Refer To Test Graph		Pass
	3575	75	0	Refer To Test Graph		Pass
	3592.5	75	0	Refer To Test Graph		Pass
64QAM	3557.5	75	0	Refer To Test Graph		Pass
	3575	75	0	Refer To Test Graph		Pass
	3592.5	75	0	Refer To Test Graph		Pass
256QAM	3557.5	75	0	Refer To Test Graph		Pass
	3575	75	0	Refer To Test Graph		Pass
	3592.5	75	0	Refer To Test Graph		Pass



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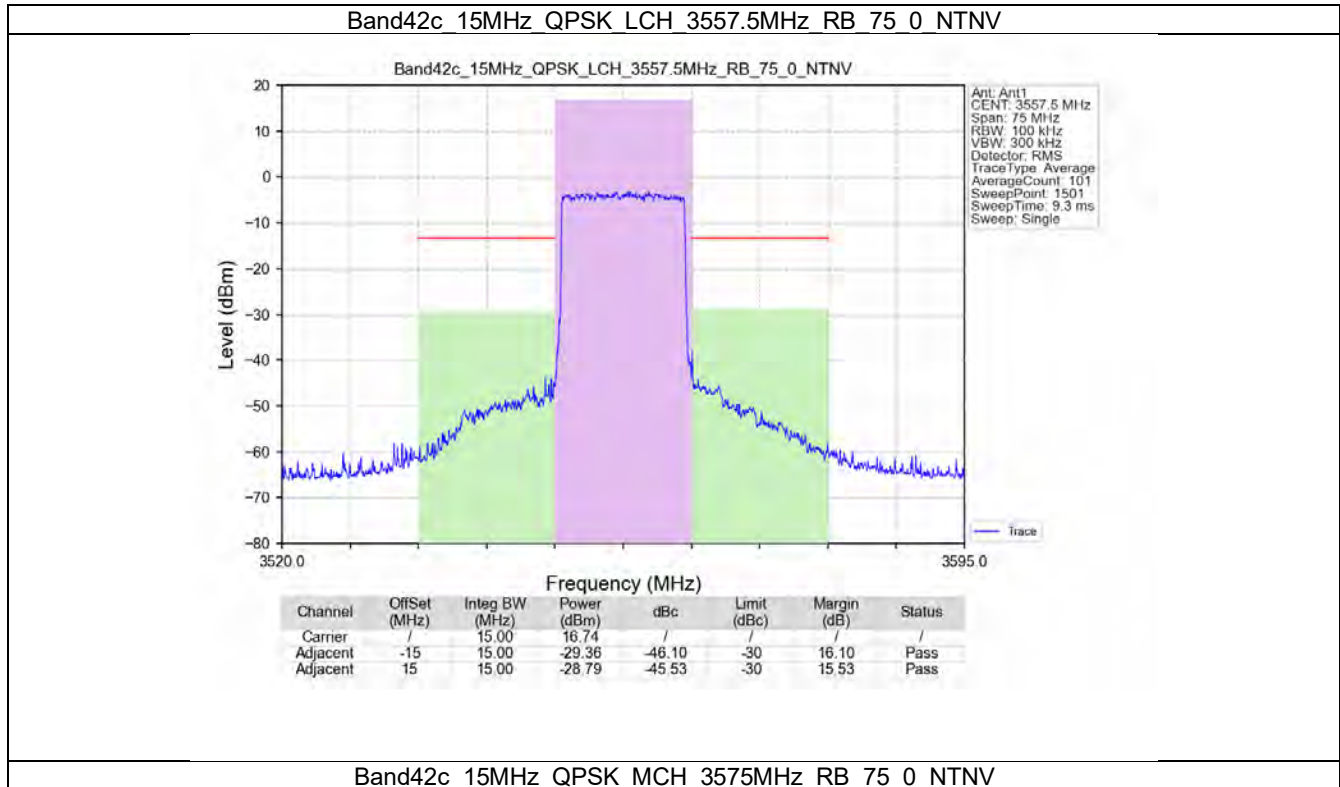
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7.3.2 Test Graph



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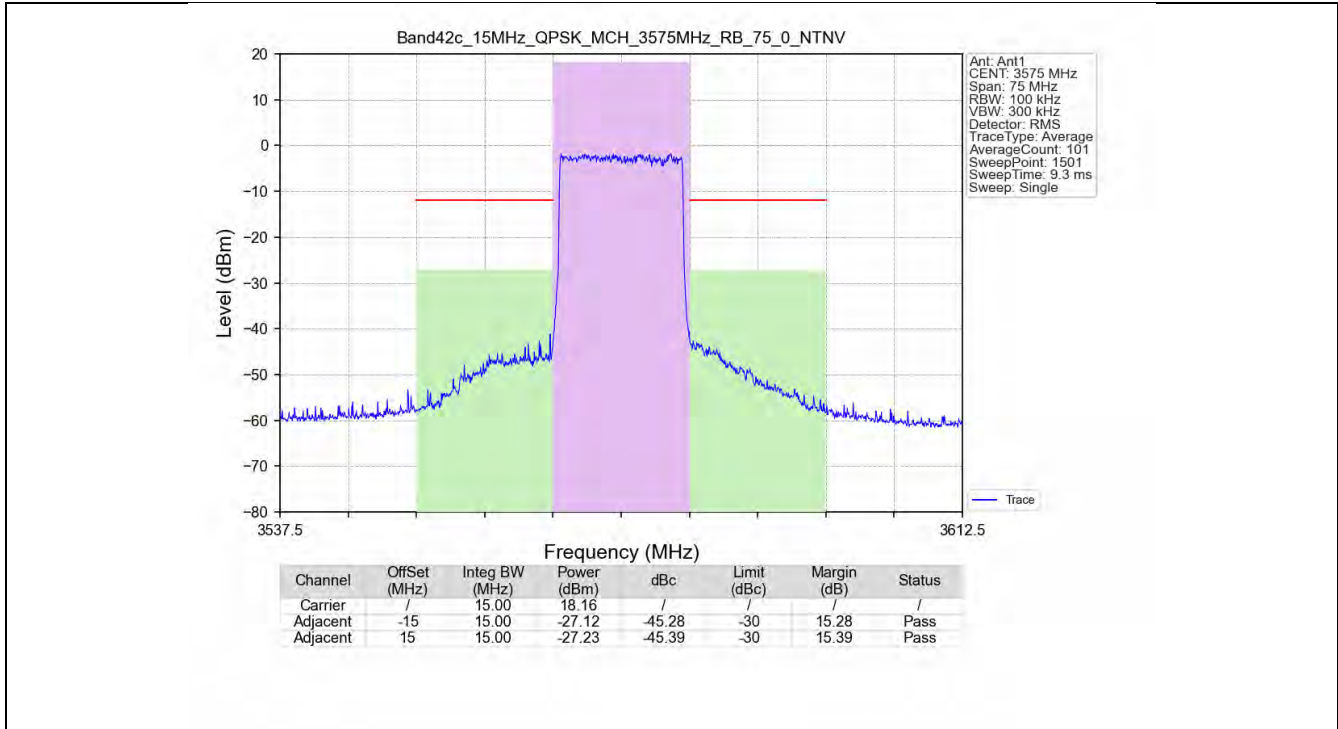


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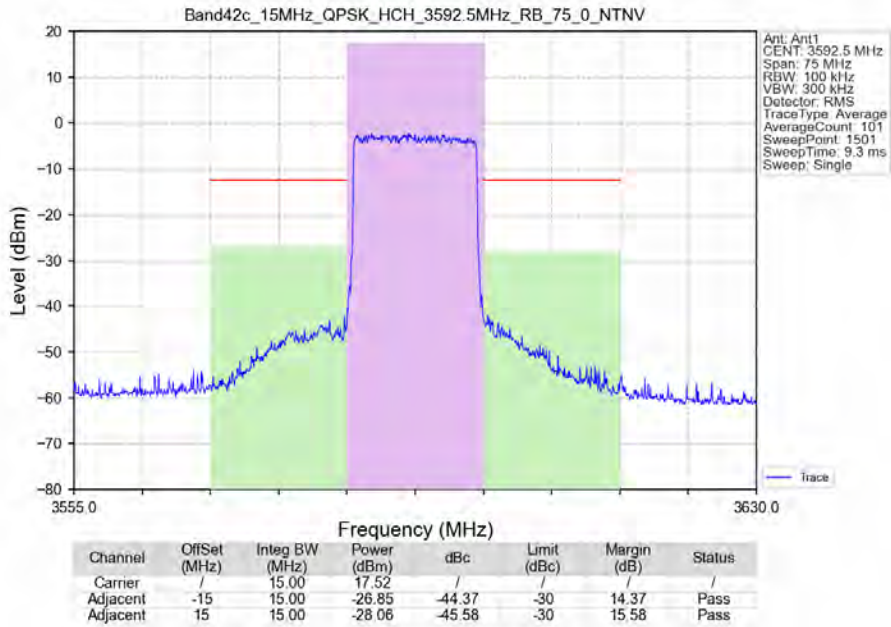
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Band42c_15MHz_QPSK_HCH_3592.5MHz_RB_75_0_NTNV



Band42c_15MHz_16QAM_LCH_3557.5MHz_RB_75_0_NTNV



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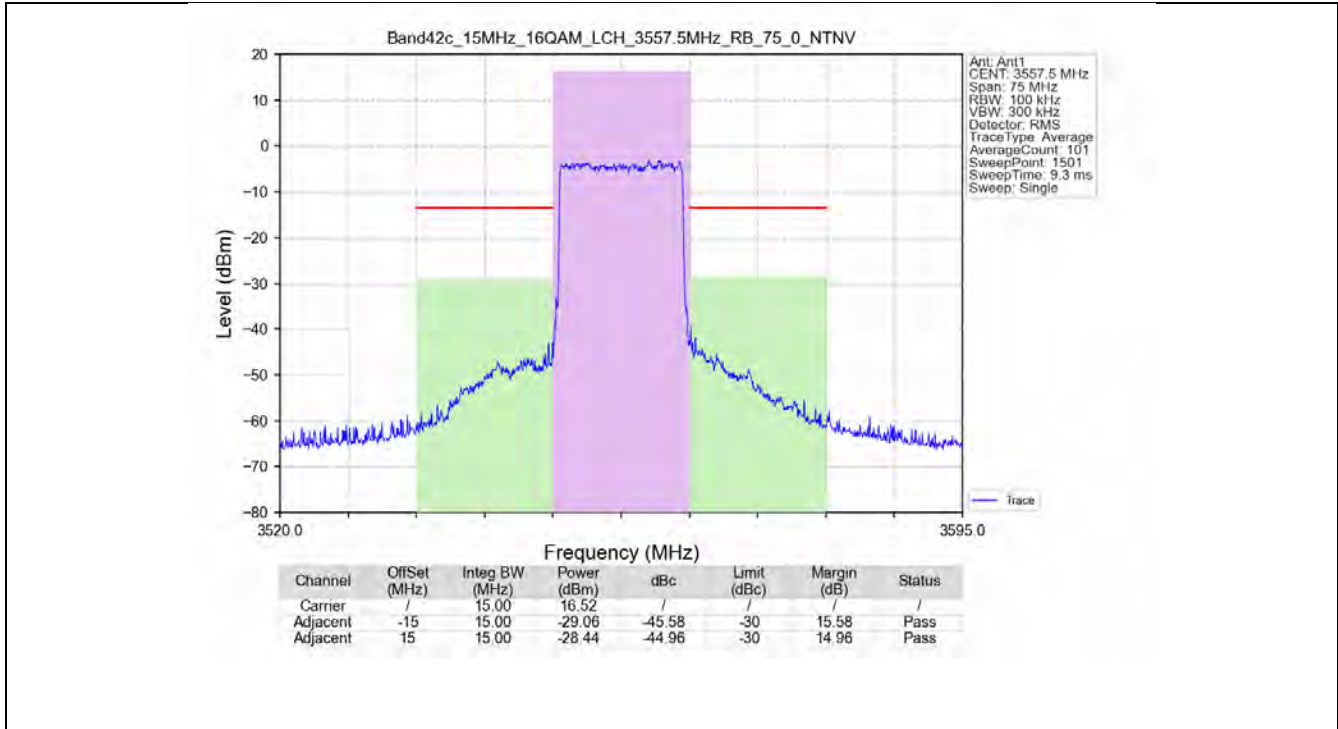


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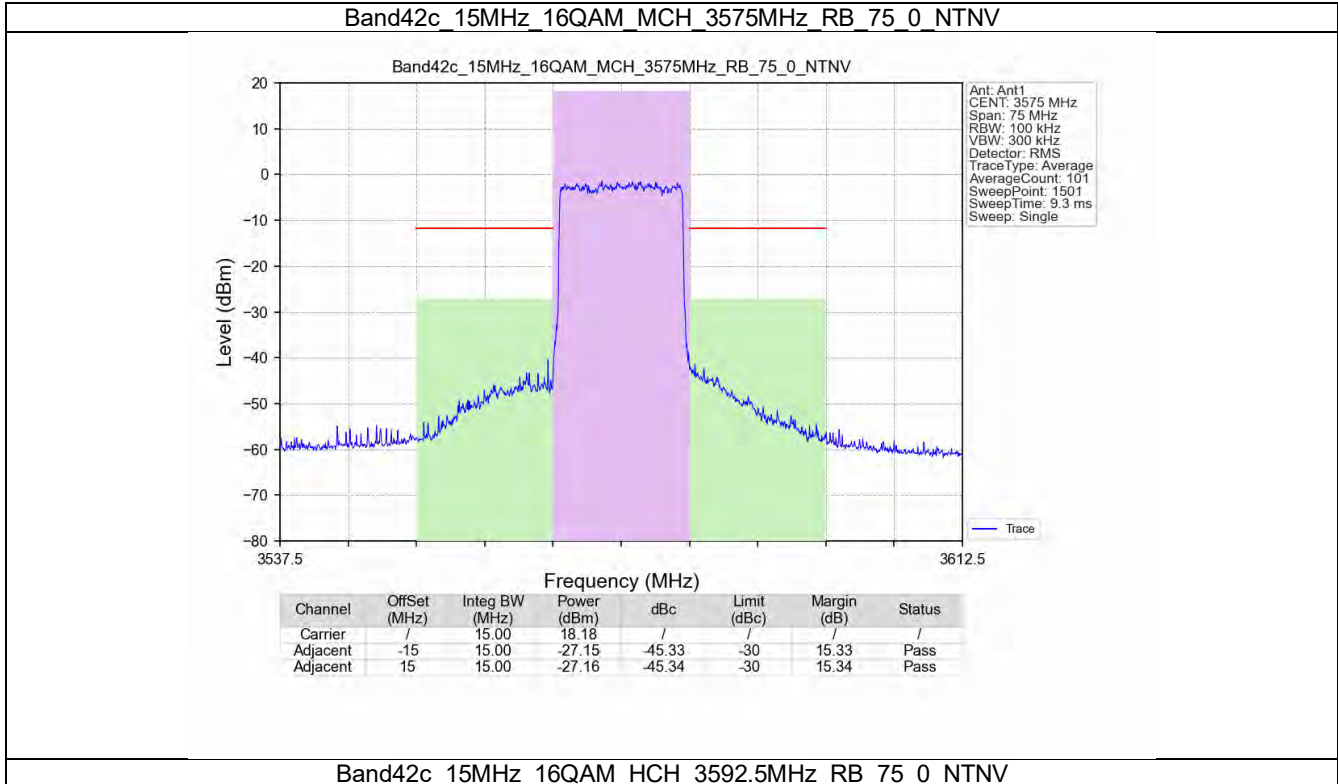


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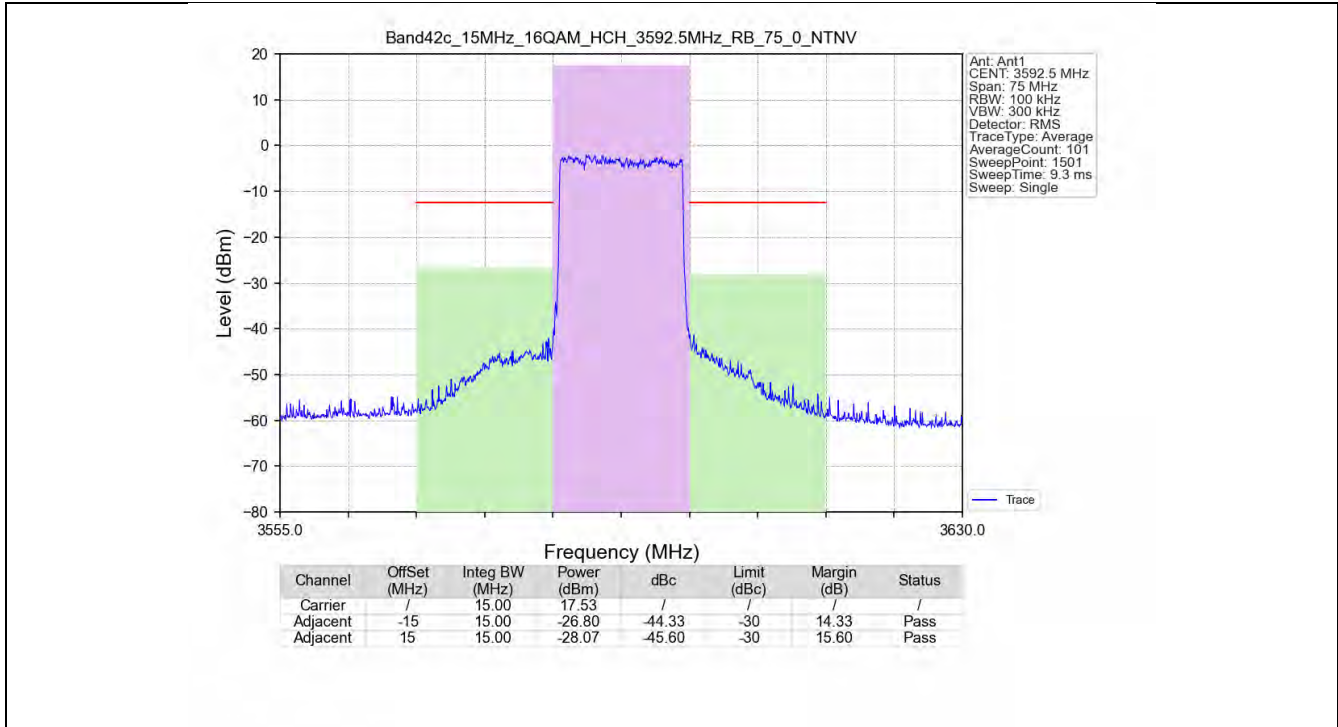


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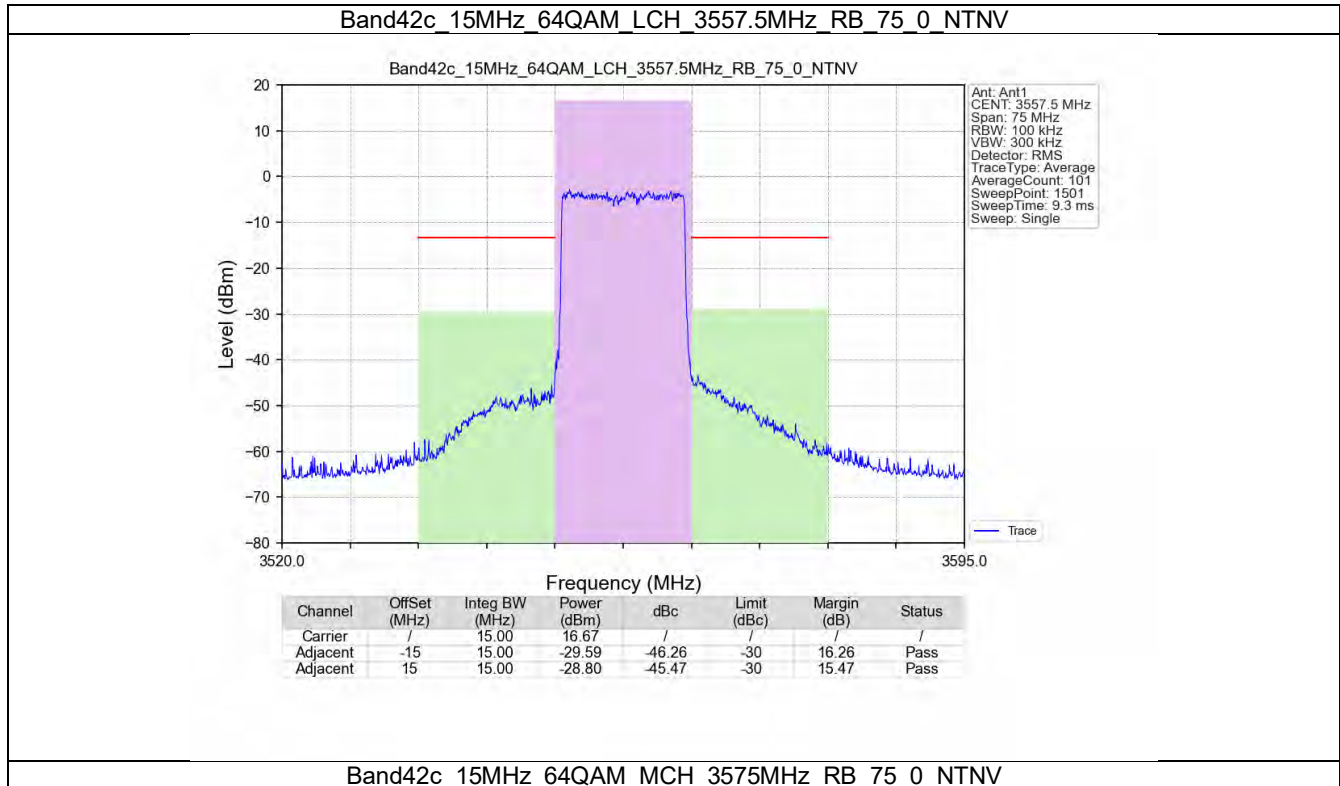


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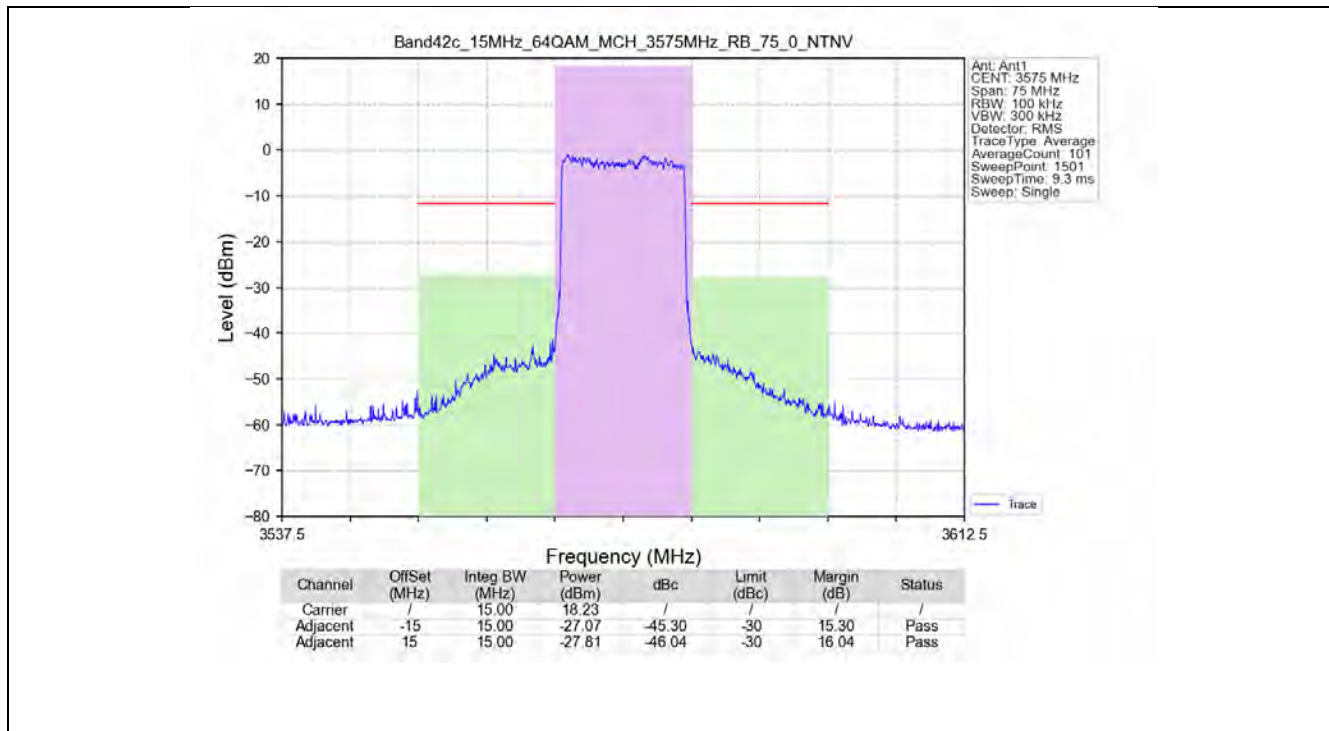
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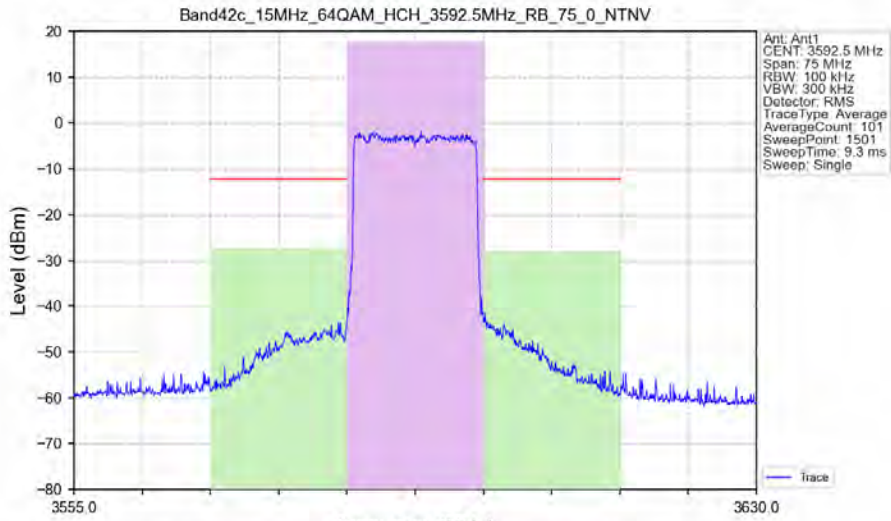
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	17.66	/	/	/	/
Adjacent	-15	15.00	-27.21	-44.87	-30	14.87	Pass
Adjacent	15	15.00	-27.95	-45.61	-30	15.61	Pass

Band42c_15MHz_256QAM_LCH_3557.5MHz_RB_75_0_NTNV



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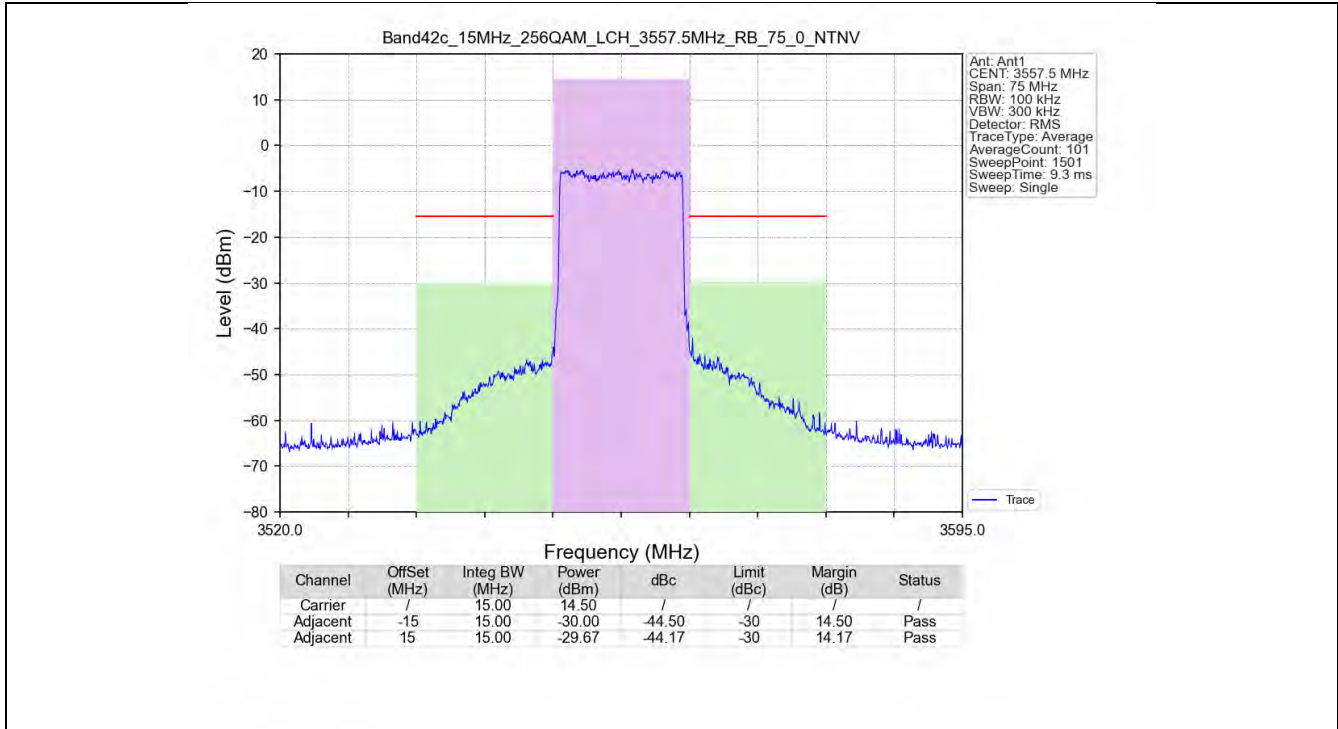


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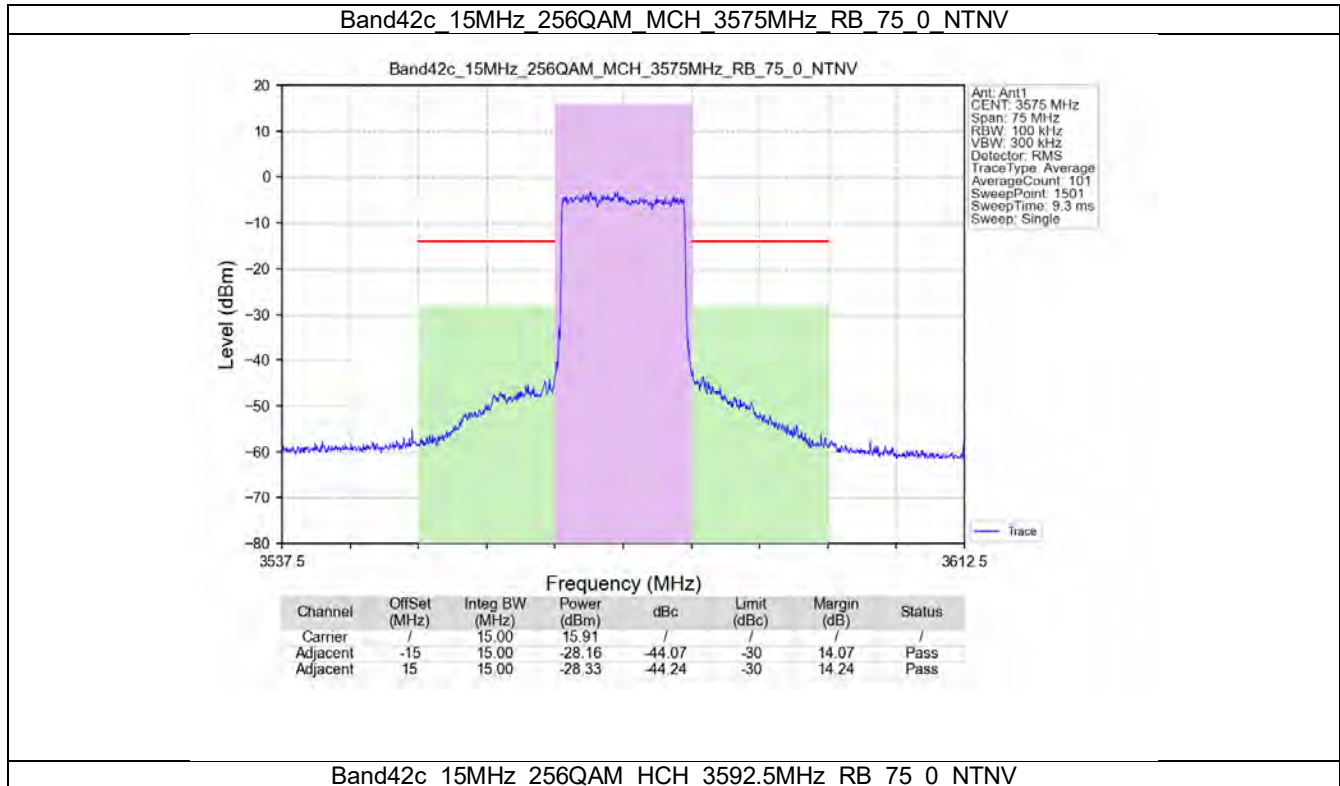


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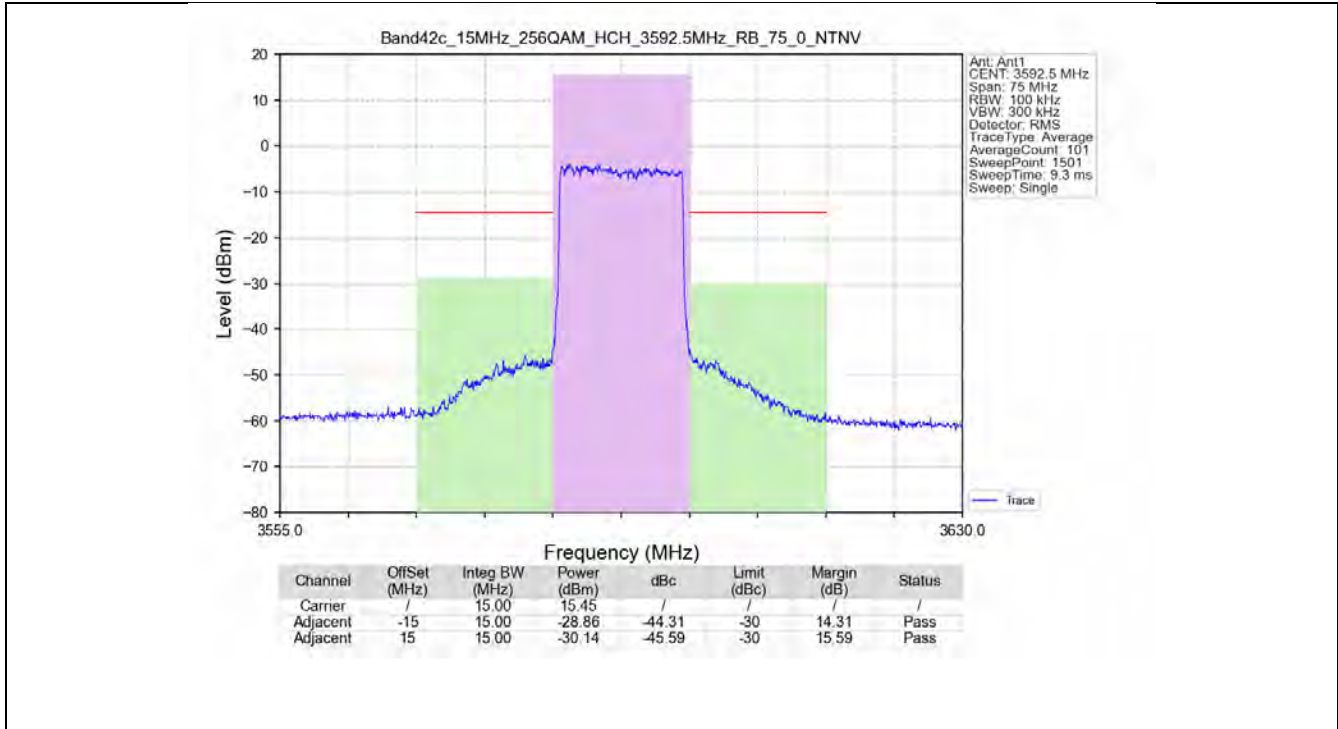


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7.4 B42c_20MHz

7.4.1 Test Result

Band: 42c / Bandwidth: 20MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3560	100	0	Refer To Test Graph		Pass
	3575	100	0	Refer To Test Graph		Pass
	3590	100	0	Refer To Test Graph		Pass
16QAM	3560	100	0	Refer To Test Graph		Pass
	3575	100	0	Refer To Test Graph		Pass
	3590	100	0	Refer To Test Graph		Pass
64QAM	3560	100	0	Refer To Test Graph		Pass
	3575	100	0	Refer To Test Graph		Pass
	3590	100	0	Refer To Test Graph		Pass
256QAM	3560	100	0	Refer To Test Graph		Pass
	3575	100	0	Refer To Test Graph		Pass
	3590	100	0	Refer To Test Graph		Pass



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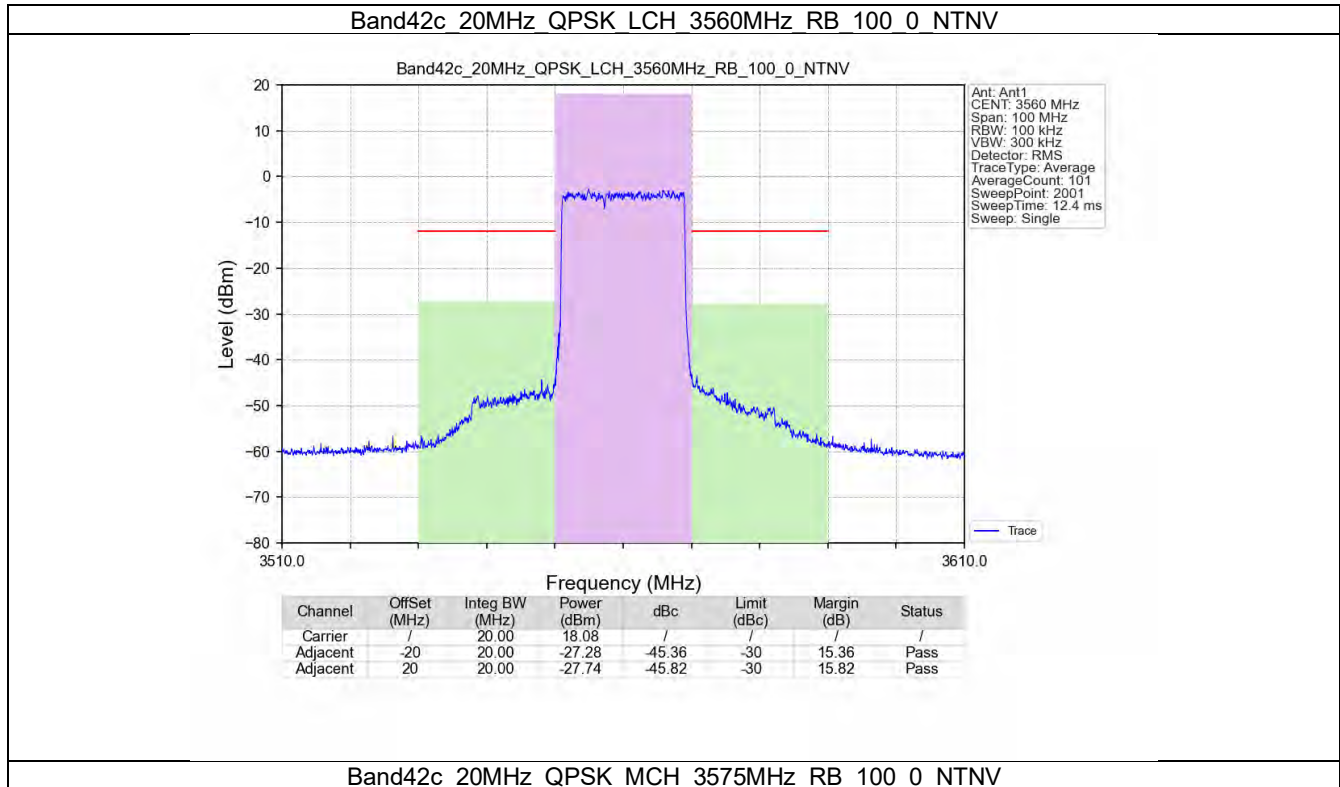
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7.4.2 Test Graph



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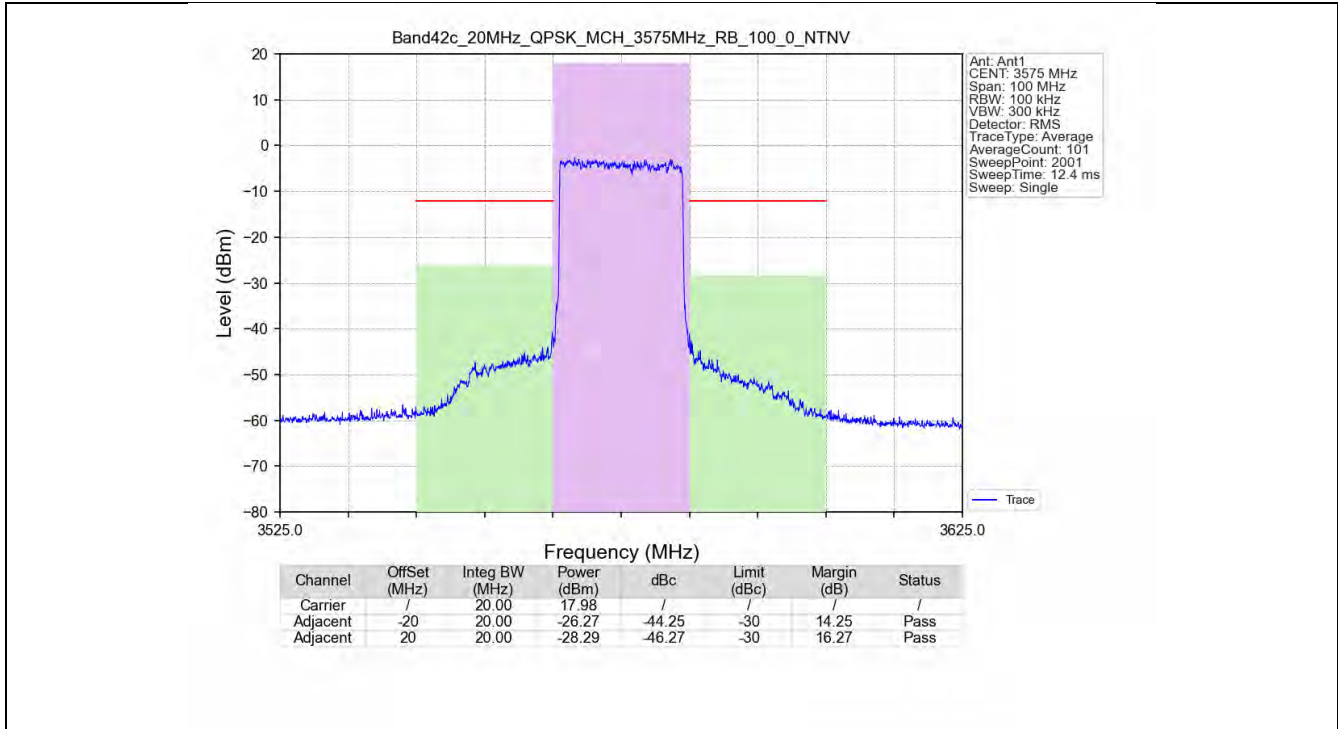


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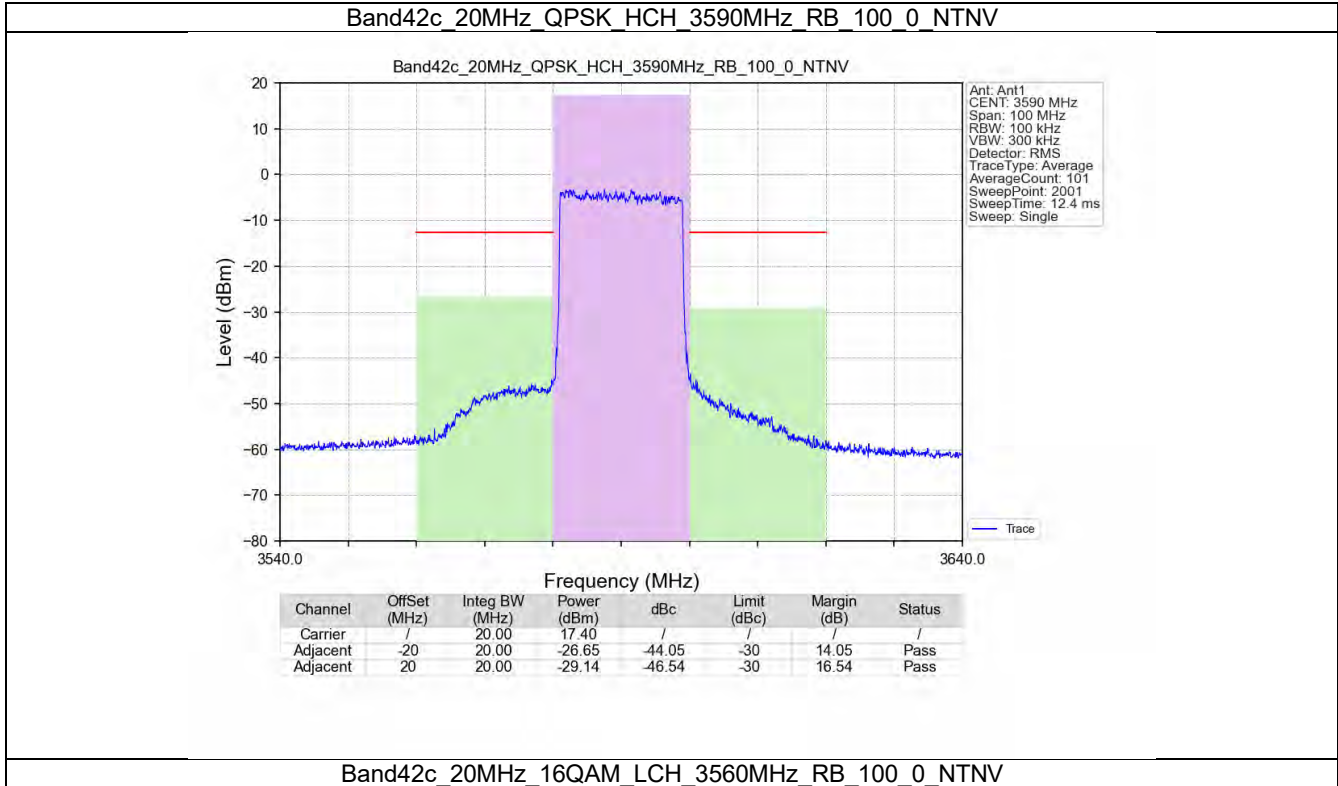


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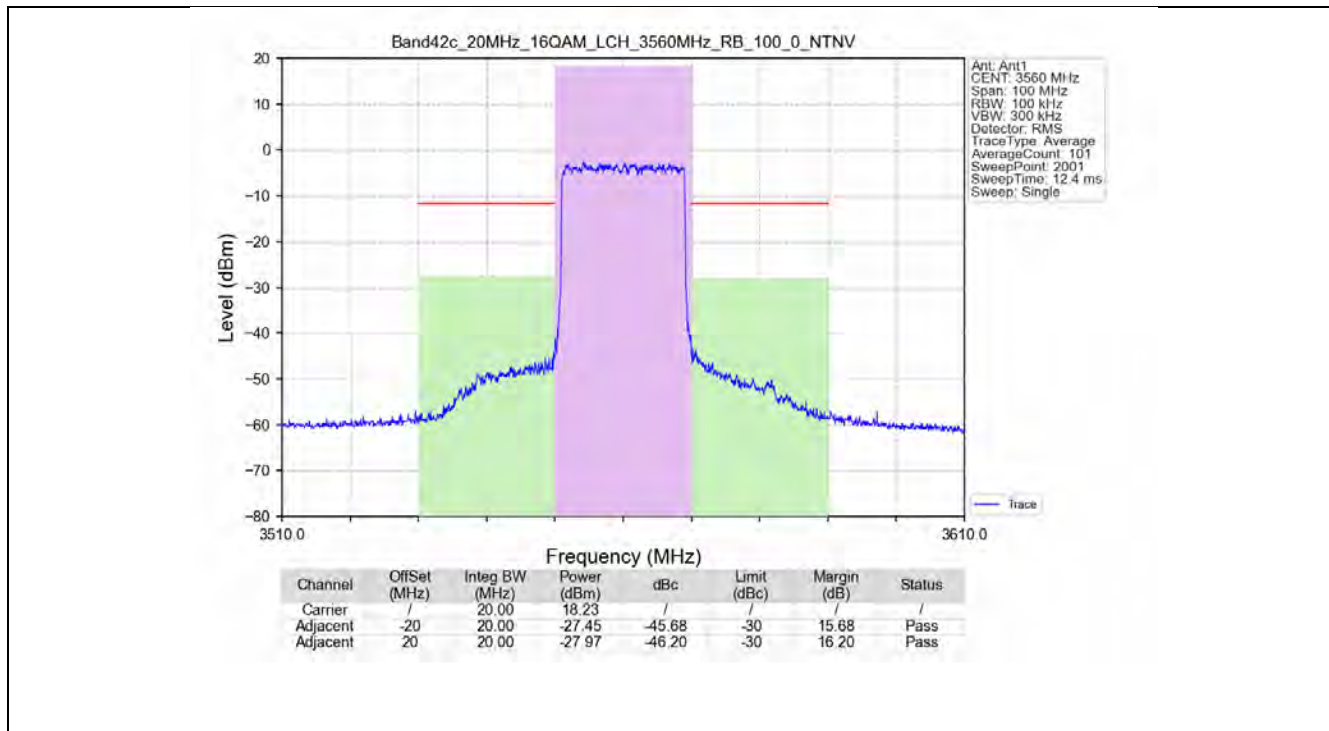
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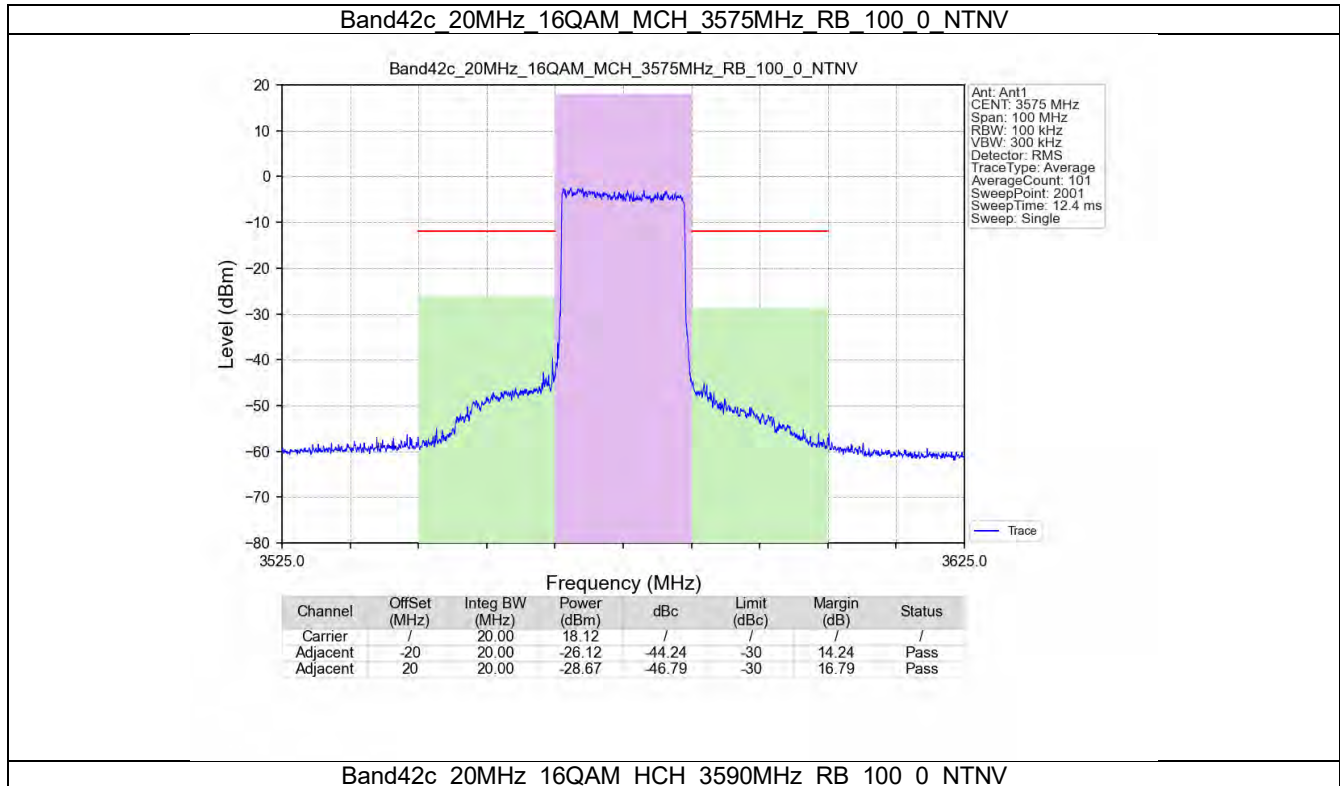


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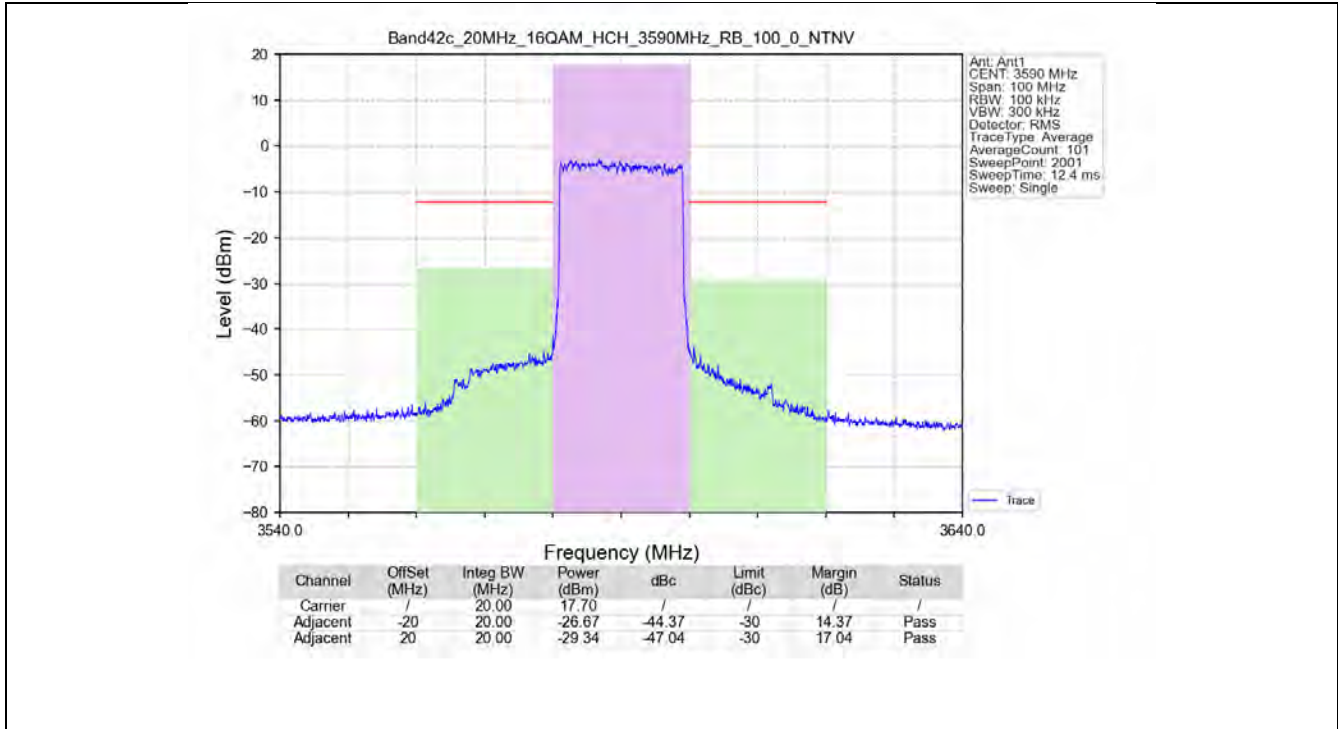


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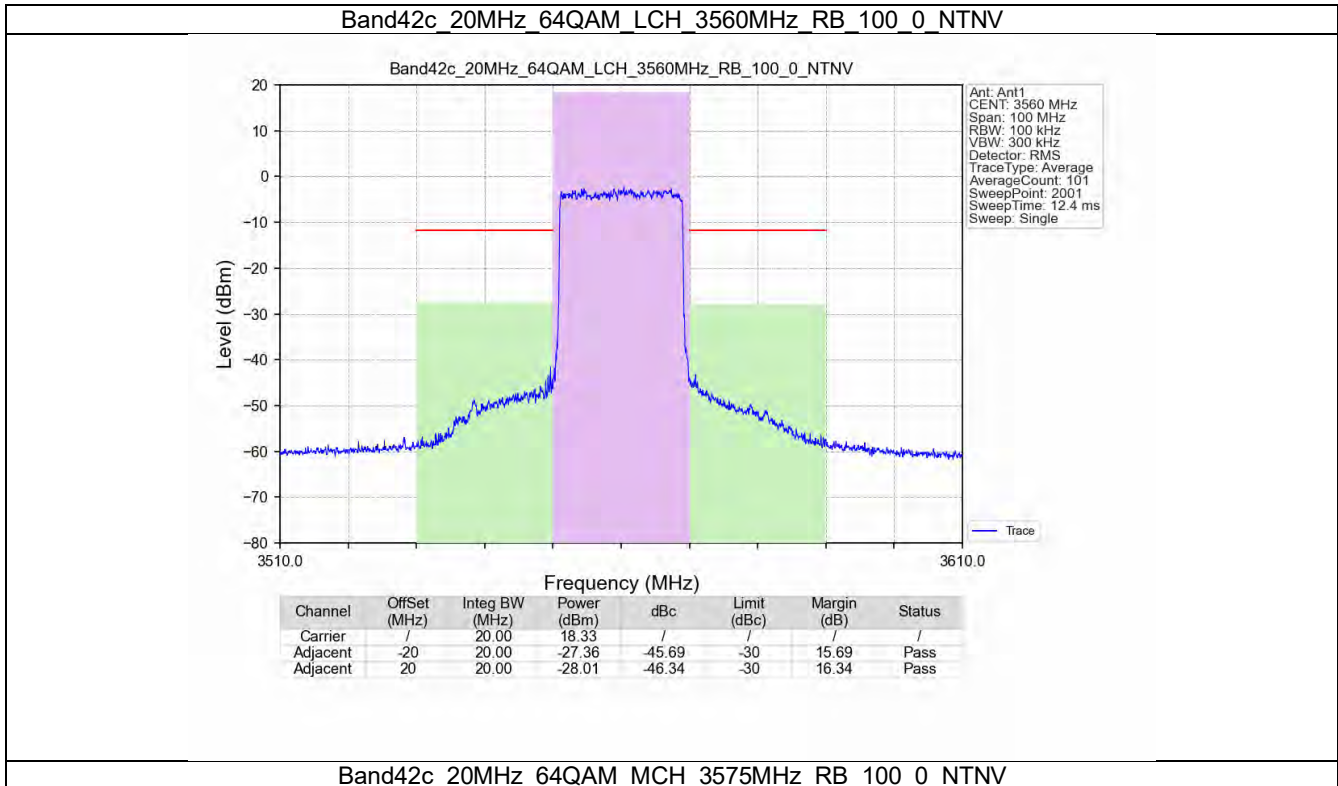


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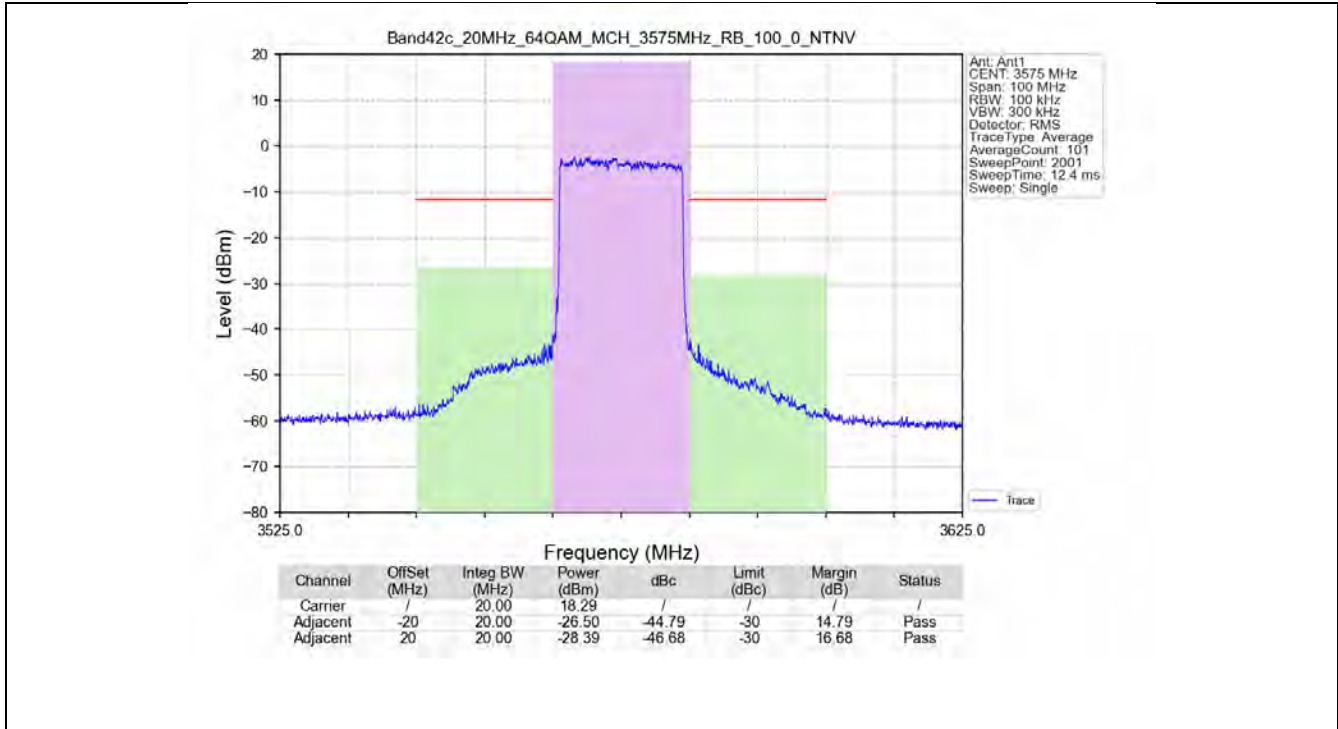


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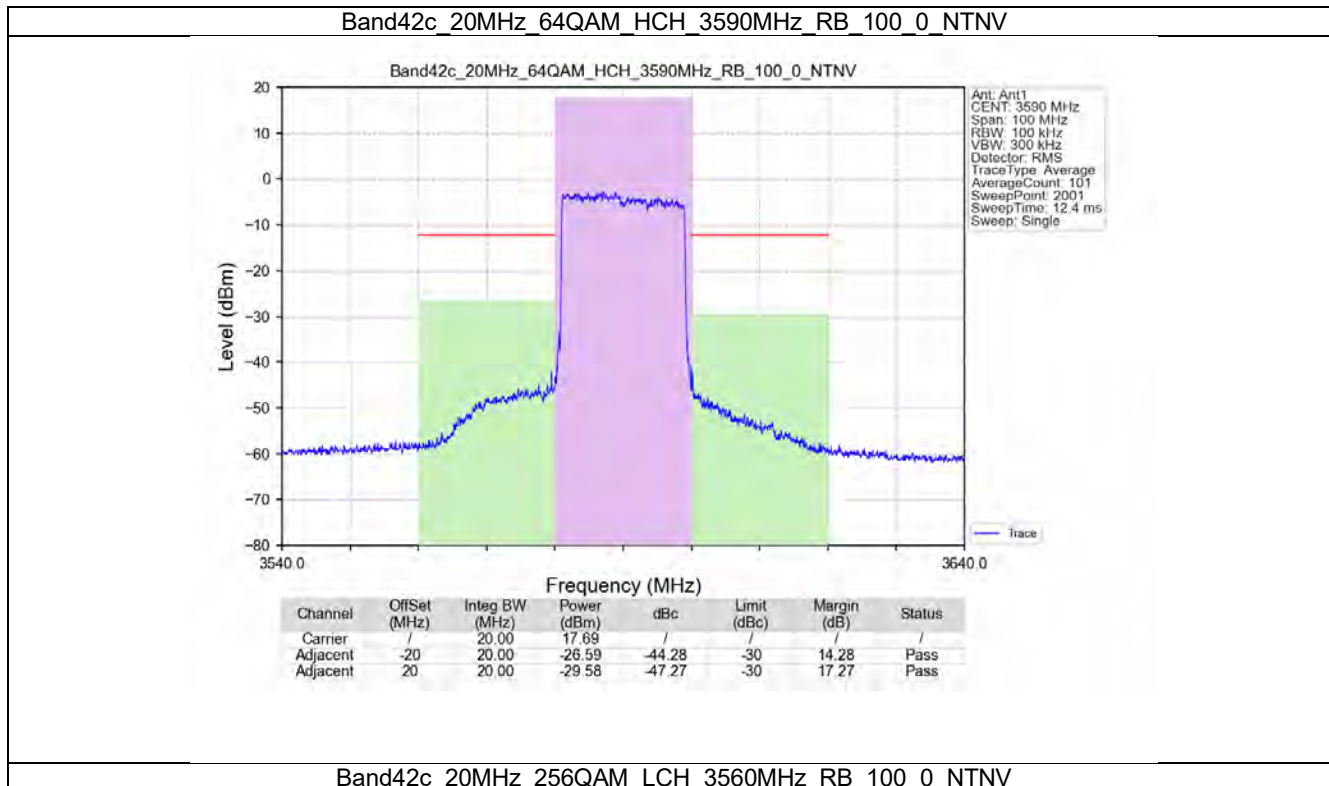
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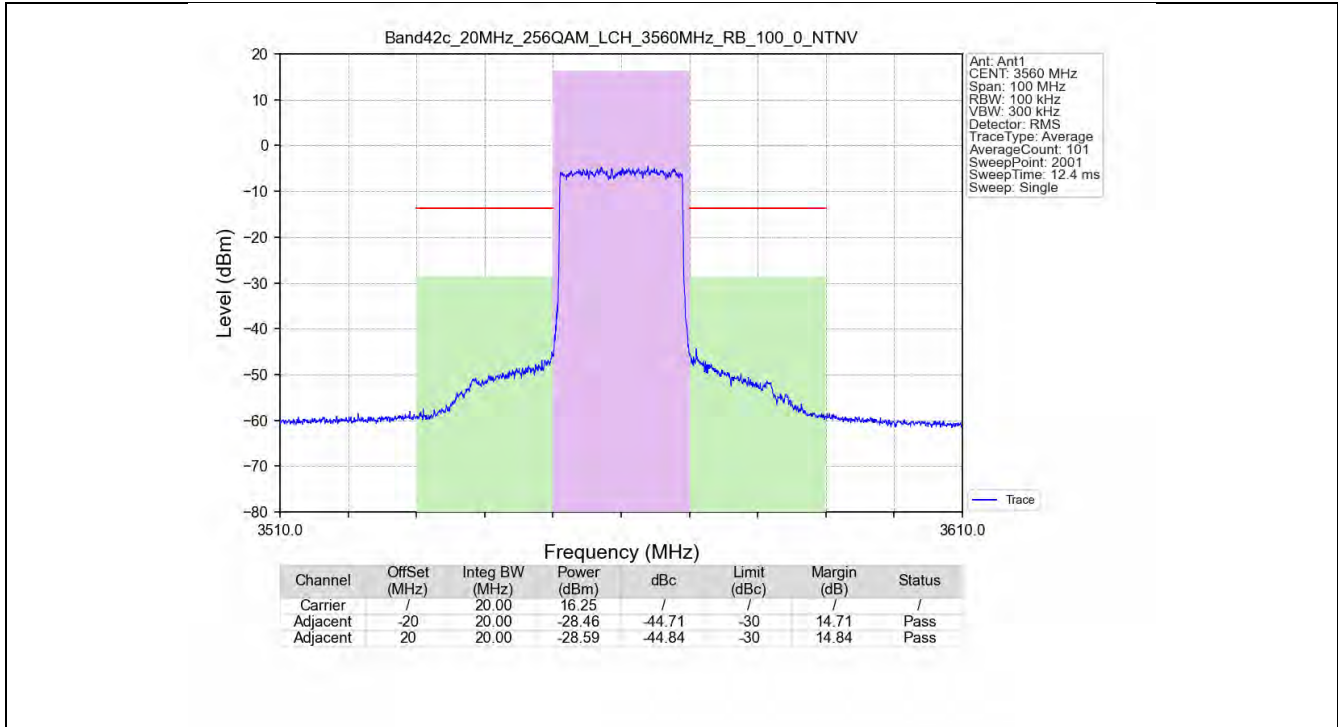


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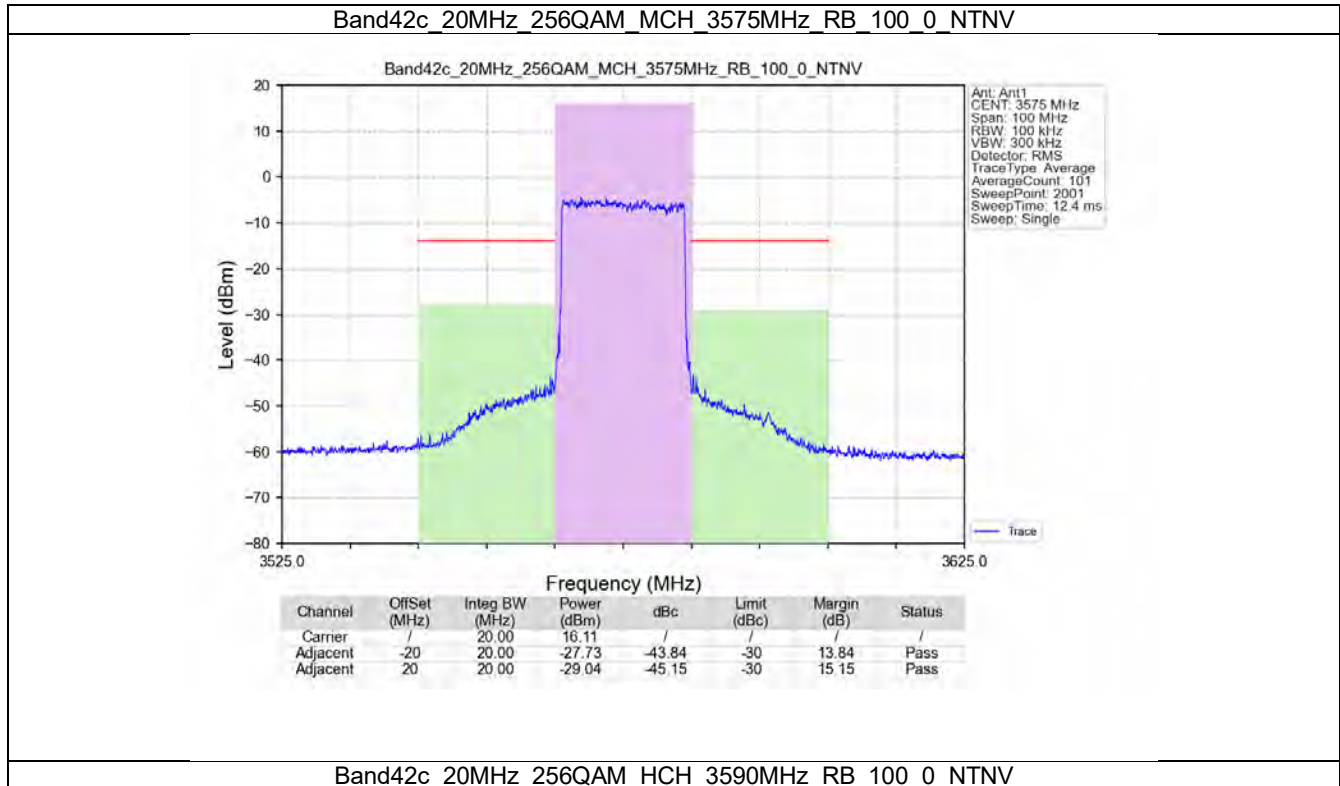


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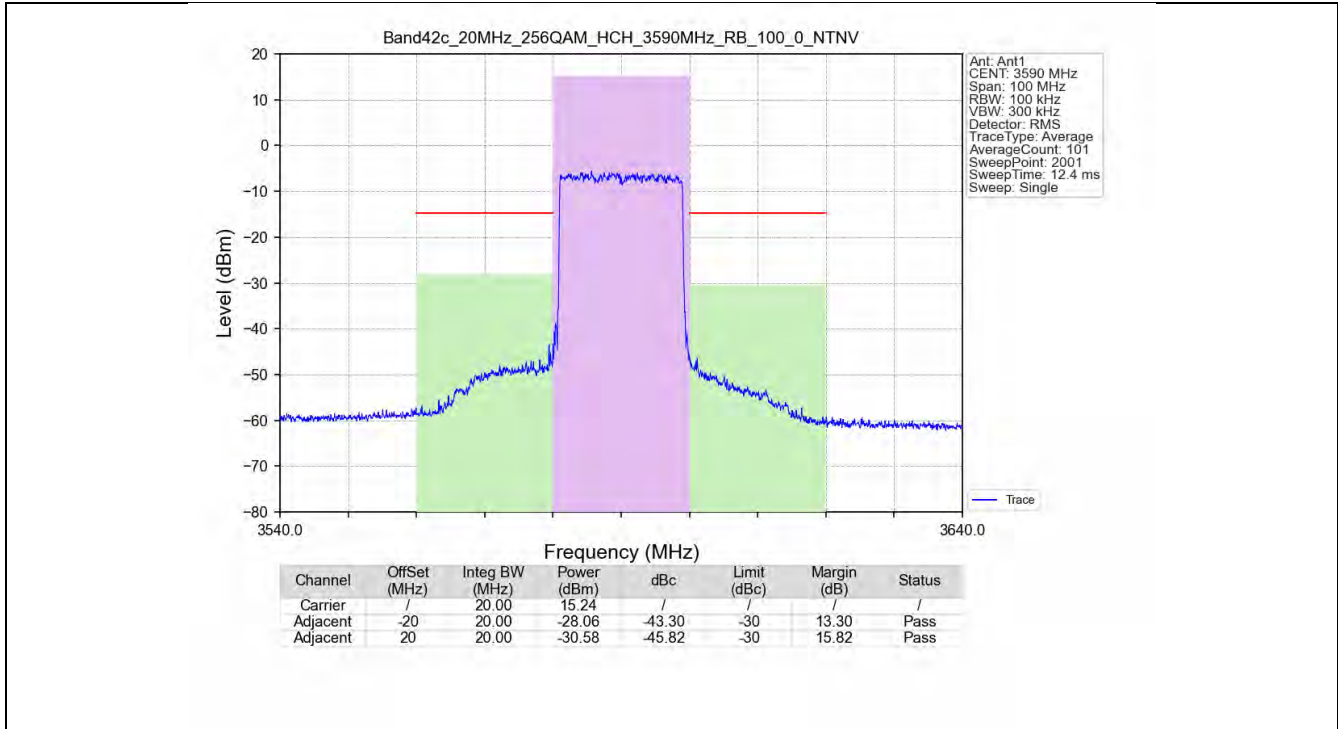


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